CORN EXCHANGE

MANHATTAN, NEW YORK

Remedial Action Report

NYC VCP Number: 13CVCP120M

Prepared for:

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Prepared by:

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LIST OF ACRONYMS

Acronym	Definition
CAMP	Community Air Monitoring Plan
DER-10	NYS DEC Division of Environmental Remediation Technical Guidance Manual 10
EC	Engineering Control
HASP	Health and Safety Plan
IC	Institutional Control
NYC VCP	New York City Voluntary Cleanup Program
NYC DEP	New York City Department of Environmental Protection
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
PID	Photoionization Detector
QA/QC	Quality Assurance/Quality Control
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RAR	Remedial Action Report
RAWP	Remedial Action Work Plan
SCG	Standards, Criteria and Guidance
SCO	Soil Cleanup Objective
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SVOCs	Semi-Volatile Organic Compounds
UST	Underground Storage Tank
VOCs	Volatile Organic Compounds

CERTIFICATION

I, Glenn Netuschil, am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the Corn Exchange, Site Number 13CVCP120M.

I, Craig Werle, am a qualified Environmental Professional. I had primary direct responsibility for implementation remedial program for the Corn Exchange, Site Number 13CVCP120M.

I certify that the OER-approved Remedial Action Work Plan dated March 2013 and Stipulations in a letter dated July 15, 2013 were implemented and that all requirements in those documents have been substantively complied with. I certify that contaminated soil, fill, liquids or other material from the property were taken to facilities licensed to accept this material in full compliance with applicable laws and regulations.

Glenn Netuschil
Name

PE License Number

Signature

Date

Craig A. Werle
QEP Name

QEP Signature

5/19/14
Date

DISCLOSURE STATEMENT

The professional engineering services rendered in preparation of this document have been performed for Roux Associates, Inc. by Remedial Engineering, P.C., a professional corporation, certified to perform such services in the State of New York.

EXECUTIVE SUMMARY

Site Location and Prior Usage

125th Street Equities, LLC (125th Street Equities) has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 4,493-square foot site located at 81 East 125th Street in the Harlem neighborhood of Manhattan, New York. A remedial investigation (RI) was performed to compile and evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). The remedial action described in this document provides for the protection of public health and the environment consistent with the intended property use, complies with applicable environmental standards, criteria, and guidance, and conforms to applicable laws and regulations.

Summary of Redevelopment Plan

The proposed future use of the Site will consist of a new seven-story commercial office building with retail operations on the ground floor and second floor. The building will cover the entire footprint of the Site (4,492.5 square feet) and there will be no open space in the development. Layout of the proposed site development is presented in Figure 3. The existing outer walls, which have landmark status, have been left in place and will be incorporated into the new building. The gross square footage of the building will be 38,180 square feet of commercial space. The building height will be 97 feet to the top of the roof slab.

The proposed development required excavation to about three feet below the cellar slab in the two areas where new elevator shafts are planned. Excavation also occurred where new footings are planned, but did not extend below the water table. The total excavation was 223 cubic yards (approximately 335 tons). Some demolition of the original support structure is anticipated, which will be replaced with the new structure.

The current zoning designation is C6-3, which allows for mixed buildings with commercial, entertainment, office space and residential space permitted within the same building. The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Environmental Findings

The existing structure at the Site was constructed in 1887. Prior to construction, the Site was an undeveloped lot. Based on a review of the Sanborn Fire Insurance maps as presented in the Phase I Environmental Site Assessment (ESA) the structure was used as a bank from the time it was built until 1968, when it was denoted as a church on the first floor with offices above. The property remained in this capacity until the end of the Sanborn record (2005).

The only Area of Concern (AOC) at the site was the potential for the presence of urban fill material.

Summary of the Remedial Action

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.
2. Established Track 1 Soil Cleanup Objectives (SCO's).
3. Mobilized on site in August, 2013 and established Site security, equipment mobilization, utility mark outs and marking & staking excavation areas.
4. Soil/fill was excavated to a depth of approximately 6 feet below the cellar floor slab in the areas of the two new elevator pits, approximately 3 feet below the cellar floor slab in the area of Post Ex-1, approximately 4 feet below the cellar floor slab in the area of Post Ex-2 and Post Ex-3, approximately 6 feet below the cellar floor slab in the area of Post Ex-6, approximately 8 feet below the cellar floor slab in the area of Post Ex-4, and approximately 9 feet below the cellar floor slab in the area of Post Ex-5. A total of 335 tons of soil/fill was excavated and removed from the property. The soil/fill was disposed of at Soil Safe of Logan Township, New Jersey.
5. Collected and analyzed end-point samples. Achieved Track 1 SCOs for Site.
6. Performed a Community Air Monitoring Program for particulates during excavation.
7. All excavated soil/fill material was screened during intrusive work for indications of contamination by visual means, odor, and monitoring with a photoionization detector (PID).
8. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal.

9. Transported and disposed all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and the RAWP.
10. As part of development, constructed an engineered Composite Cover System consisting of 24 inches of concrete slab underlain by 6 inches of clean sub-base material (RCA) beneath the footprint of the building. Beneath the two former vault areas the concrete slab is 6 inches thick. The contractor for construction of the Composite Cover System was Top Grade Excavating NY, Inc. of Yonkers, New York.
11. As part of development, installed a Vapor Barrier System that consisted of placement of Grace Preprufe 330R 46-mil high-density polyethylene (HDPE) beneath the footprint of the building. The contractor for construction of the Vapor Barrier System was Top Grade Excavating NY, Inc. of Yonkers, New York.
12. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.
13. Submitted a Sustainability Statement.
14. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from this RAWP.

REMEDIAL ACTION REPORT

1.0 SITE BACKGROUND

125th Street Equities, LLC (125th Street Equities) has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a property located at 81 East 125th Street in the Harlem section of Manhattan, New York. The boundary of the property subject to this Remedial Action is shown in Figure 1 and includes, in its entirety, Manhattan Block 1750 and Lot 34.

A Pre-Application Meeting was held on February 4, 2013. A Remedial Investigation (RI) was performed on February 6 and 7, 2013 and a RI Report dated March, 2013 was prepared to evaluate data and information necessary to develop a Remedial Action Work Plan (RAWP). A Site Contact List was established and a RAWP dated March, 2013 was prepared and released with a Fact Sheet on April 18, 2013 for a 30-day public comment period. The RAWP and Stipulation List dated July 15, 2013 was approved by the New York City Office of Environmental Remediation (OER) on July 16, 2013. A Pre-Construction Meeting was held on July 25, 2013. A Fact Sheet providing notice of the start of the remedial action was issued on August 6, 2013 and the remedial action was begun in August, 2013 and completed in September, 2013. The Remedial Action was performed pursuant to the OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

1.1 SITE LOCATION AND PRIOR USAGE

The Site is located at 81 East 125th Street in the Harlem section of Manhattan, New York and is identified as Block 1750 and Lot 34 on the New York City Tax Map. Figure 1 shows the Site location and includes the site boundary. The Site is 4,493-square feet and

is bounded by a parking lot to the north, East 125th Street to the south, Park Avenue to the east, and a commercial/residential building to the west. A site plan is shown in Figure 2. Prior to the remediation, the Site was vacant and contained the shell (existing exterior walls, partial floor, and no roof) of a former four-story (currently two-story) building with a basement. This structure covered the entire lot up to the property line.

1.2 REDEVELOPMENT PLAN

The proposed future use of the Site will consist of a new seven-story commercial office building with retail operations on the ground floor and second floor. The building will cover the entire footprint of the Site (4,492.5 square feet) and there will be no open space in the development. Layout of the proposed site development is presented in Figure 3. The existing outer walls, which have landmark status, have been left in place and will be incorporated into the new building. The gross square footage of the building will be 38,180 square feet of commercial space. The building height will be 97 feet to the top of the roof slab.

The proposed development required excavation to about three feet below the cellar slab in the two areas where new elevator shafts are planned, Excavation also occurred where new footings are planned, but did not extend below the water table. The total excavation volume was 223 cubic yards (approximately 335 tons). Some demolition of the original support structure is anticipated, which will be replaced with the new structure.

The current zoning designation is C6-3, which allows for mixed buildings with commercial, entertainment, office space and residential space permitted within the same building. The proposed use is consistent with existing zoning for the property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

To the west the property is bounded by commercial/retail/residential buildings. To the east the property is bounded by Park Avenue. Further east, across Park Avenue, are the Metro North Harlem-125th Street train station, various commercial and office buildings, and Public School 30 (approximately 2/10 of a mile away). To the north, the property is bounded by a commercial parking lot. Further north is East 126th Street, and across East 126th Street are a parking lot and the Choir Academy of Harlem school (approximately

1/10 of a mile away). To the south, the property is bounded by East 125th Street. Across East 125th Street are a parking lot, and commercial, mixed use, and residential buildings. The nearest hospital is Harlem Hospital Center, approximately 6/10 of a mile northeast of the Site. There are several day care facilities in the area; however, none are within a 500-foot radius of the Site.

1.4 REMEDIAL INVESTIGATION

A remedial investigation was performed and the results are documented in a companion document called "*Remedial Investigation Report, 81 East 125th Street",* dated March, 2013 (RIR).

Summary of Past Uses of Site and Areas of Concern

The existing structure at the Site was constructed in 1887. Prior to construction, the Site was an undeveloped lot. Based on a review of the Sanborn Fire Insurance maps as presented in the Phase I Environmental Site Assessment (ESA) the structure was used as a bank from the time it was built until 1968, when it was denoted as a church on the first floor with offices above. The property remained in this capacity until the end of the Sanborn record (2005).

Areas of concerns (AOCs) are listed below:

1. Urban fill material present throughout the Site.

Summary of the Work Performed under the Remedial Investigation

Roux Associates performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e., structures, buildings, etc.);
2. Installed six soil borings across the entire project Site, and collected ten (10) soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed three temporary groundwater monitoring wells throughout the Site to collected three groundwater samples for chemical analysis to evaluate groundwater quality;

4. Installed four temporary soil vapor probes around Site perimeter and collected four samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is approximately 21 feet above mean sea level.

2. Depth to groundwater ranges from 17 to 18 feet at the Site.

3. Groundwater is assumed to flow in a generally northeasterly direction towards the East River.

4. Depth to bedrock is unknown as bedrock was not encountered during this RI. Bedrock is at least 20 feet or greater below the surface.

5. The stratigraphy of the site, from the surface down to the maximum boring depth of 20 feet below land surface, consists of fill material underlain by fine to coarse sand, with some silt and gravel.

6. A total of ten soil samples were collected during the RI. PCBs were not detected in any of the soil samples collected during the RI. Laboratory results show no exceedances of VOCs, or SVOCs above Track 1 SCOs. PCE and Toluene were detected at trace levels. The total VOC concentration detected ranged from 5.05 ppb to 23.32 ppb. Metals including copper (177 ppm), lead (137 ppm), silver (4.4 ppm) and zinc (114 ppm) were detected in soil samples (at depths of 12 to 16 feet below grade) exceeding Track 1 Unrestricted Use SCO. Copper exceeded Track 1 SCOs in three soil borings. Lead and zinc exceeded Track 1 SCOs in one soil borings each. No metal concentrations exceeded the Track 2 Restricted Commercial SCOs. These soil sample results are typical of sites where fill material was used to raise the grade in the area prior to building and are not indicative of any other potential source or historical activity.

7. Groundwater samples collected during the RI showed no exceedances of VOCs, SVOCs, PCBs, or Pesticides. Groundwater results showed low-level detections of VOCs in all three temporary wells, with total VOC concentrations ranging from 0.19 ppb to 0.87 ppb. All detections were well below the Part 703.5 Class GA groundwater quality standards (GQS), and all were found at estimated concentrations

below 1 ppb. Metals excedances included iron (only present in unfiltered samples, maximum of 8,050 ppb), manganese (maximum of 1,070 ppb), and sodium (maximum of 75,000 ppb). These groundwater results do not indicate any on-Site source of contamination.

8. Soil vapor samples collected during the RI showed a variety of VOCs, including petroleum hydrocarbons and chlorinated VOCs. Petroleum hydrocarbons including trimethylbenzene, benzene, ethylbenzene, toluene, xylenes, and others were detected at low concentrations with a maximum concentration of 16 $\mu g/m^3$ of toluene in one vapor location (SV-7). PCE was detected in all four samples, and ranged in concentration from 11 $\mu g/m^3$ to 2.6 $\mu g/m^3$. TCE was detected in all four samples, and ranged in concentration from 4.6 $\mu g/m^3$ to 0.61 $\mu g/m^3$ (estimated). Carbon tetrachloride was detected in three of four samples at 10 $\mu g/m^3$. 1,1,1-Trichloroethane, and vinyl chloride were not detected. These soil vapor results do not indicate any on-Site source of contamination.

For more detailed results, consult the RIR. Based on an evaluation of the data and information from the RIR and this RAWP, disposal of significant amounts of hazardous waste is not suspected at this site.

During the pre-construction meeting held at OER's offices on July 25, 2013, OER requested that pesticide analysis be performed on all samples collected as part of the Remedial Action Work. This analysis was in addition to the metals analysis required under the RAWP. A total of six soil samples and one field blank were analyzed for pesticides as discussed with OER. As shown in Table 2, no pesticides were detected in any of the six samples collected (Post-ex 1 through Post-ex 6), and therefore, all pesticide compounds are below the Track 1 Unrestricted Use SCOs.

2.0 DESCRIPTION OF REMEDIAL ACTIONS

The Remedial Action was performed pursuant to the OER-approved RAWP in a manner that has rendered the property protective of public health and the environment consistent with its intended use. This RAR describes the remedial action performed under the RAWP. The remedial action described in this document provides for the protection of public health and the environment, complies with applicable environmental standards, criteria and guidance and applicable laws and regulations.

The remedial action was evaluated in an alternatives analysis and was determined to be protective of human health and the environment, compliant with standards, criteria, and guidelines (SCGs), effective in the short-term, effective in the long-term, capable of attaining appropriate levels of reduction of toxicity, mobility, or volume of contaminated material, implementable, cost effective, acceptable to the community, consistent with land uses, and sustainable.

A general summary of the Remedial Action is as follows:

- A Pre-Application Meeting was held (February 4, 2013).
- A Remedial Investigation (RI) was performed and a Remedial Investigation Report was prepared (March, 2013).
- A Remedial Action Work Plan (RAWP) was prepared (March, 2013).
- An Application Fact Sheet was released announcing a 30-day public comment period on the RAWP (April 18, 2013).
- The RAWP and Stipulation List dated (July 15, 2013) was approved by the New York City Office of Environmental Remediation (July 16, 2013).
- A Pre-Construction Meeting was held (July 25, 2013).
- A Fact Sheet providing notice of the start of the Remedial Action was issued (August 6, 2013).
- Remedial Action was begun in August, 2013 and completed in September, 2013.

The following Remedial Actions were completed in this program:

1. Prepared a Community Protection Statement and implemented a Citizen Participation Plan.

2. Established Track 1 Soil Cleanup Objectives (SCO's).

3. Mobilized on site in August, 2013 and established Site security, equipment mobilization, utility mark outs and marking & staking excavation areas.

4. Soil/fill was excavated to a depth of approximately 3 feet below the cellar floor slab in the areas of the two new elevator pits, approximately 3 feet below the cellar floor slab in the area of Post Ex-1, approximately 4 feet below the cellar floor slab in the area of Post Ex-2 and Post Ex-3, approximately 6 feet below the cellar floor slab in the area of Post Ex-6, approximately 8 feet below the cellar floor slab in the area of Post Ex-4, and approximately 9 feet below the cellar floor slab in the area of Post Ex-5. A total of 335 tons of soil/fill was excavated and removed from the property. Soil/fill was disposed at the following facilities:

    a. 335 tons (contaminated non-hazardous soil/fill) to Soil Safe of Logan Township, New Jersey.

5. Collected and analyzed end-point samples. Achieved Track 1 SCOs for Site.

6. Performed a Community Air Monitoring Program for particulates during excavation.

7. All excavated soil/fill material was screened during intrusive work for indications of contamination by visual means, odor, and monitoring with a photoionization detector (PID).
8. Sampled and analyzed excavated media as required by disposal facilities. Appropriately segregated excavated media onsite prior to disposal.

9. Transported and disposed all soil/fill material at permitted facilities in accordance with applicable laws and regulations for handling, transport, and disposal, and the RAWP.

10. As part of development, constructed an engineered Composite Cover System consisting of 24 inches of concrete slab underlain by 6 inches of clean sub-base material (RCA) beneath the footprint of the building. Beneath the two former vault areas the concrete slab is 6 inches thick. The contractor for construction of the Composite Cover System was Top Grade Excavating NY, Inc., of Yonkers, New York.

11. As part of development, installed a Vapor Barrier System that consisted of placement of Grace Preprufe 330R 46-mil high-density polyethylene (HDPE) beneath the footprint of the building. The contractor for construction of the Vapor Barrier System was Top Grade Excavating NY, Inc., of Yonkers, New York.

12. Performed all activities required for the Remedial Action, including permitting requirements and pretreatment requirements, in compliance with applicable laws and regulations.

13. Submitted a Sustainability Statement.

14. Submitted an RAR that describes the Remedial Action; certifies that the remedial requirements defined in the RAWP have been achieved; defines the Site boundaries; and lists any changes from this RAWP.

3.0 COMPLIANCE WITH REMEDIAL ACTION WORK PLAN

3.1 HEALTH & SAFETY PLAN

The remedial construction activities performed under this program were in compliance with the Health and Safety Plan and applicable laws and regulations. The Site Safety Coordinators were Joseph Gavin of Roux Associates, and Rotem Shaubi of Artimus Construction.

3.2 COMMUNITY AIR MONITORING PLAN

The Community Air Monitoring Plan provided for the collection and analysis of air samples during remedial construction activities to ensure proper protections were employed to protect workers and the neighboring community. Monitoring was performed in compliance with the Community Air Monitoring Plan in the approved RAWP. The results of Community Air monitoring are shown in Appendix A.

3.3 SOIL/MATERIALS MANAGEMENT PLAN

The Soil/Materials Management Plan provided detailed plans for managing all soil/materials that were disturbed at the Site, including excavation, handling, storage, transport and disposal. It also included a series of controls to assure effective, nuisance free remedial activity in compliance with applicable laws and regulations. Remedial construction activities performed under this program were in compliance with the SMMP in the approved RAWP.

3.4 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

The sole deviation from the RAWP was the addition of pesticide sampling as requested by OER during the Project Kickoff meeting on July 25, 2013.

4.0 REMEDIAL PROGRAM

4.1 PROJECT ORGANIZATION

Principal personnel who participated in the remedial action include Joseph Gavin, Project Hydrogeologist, Wendy Monterosso, Senior Hydrogeologist and Craig Werle, Principal Hydrogeologist. The Professional Engineer (PE) for this project is Glenn Netuschil.

4.2 SITE CONTROLS

Site Preparation

The first step in Site preparation was mobilization. Mobilization was conducted as necessary for each phase of work at the Site. Mobilization included field personnel orientation, equipment mobilization (including securing all sampling equipment needed for the field investigation), marking/staking sampling locations and utility mark-outs. Each field team member attended an orientation meeting to become familiar with the general operation of the Site, health and safety requirements, and field procedures.

Site grubbing was not necessary since all work was performed in the existing basement of the former Site building. Previously, the former building structure had collapsed into the basement of the building. Prior to remediation, this debris had to be removed in order to conduct the RI work.

A construction fence was erected surrounding the Site on 125th street (southern wall) and Park Avenue (eastern wall). The western wall of the Site abuts the adjacent property, and the northern wall of the Site is shared with the adjacent property (commercial parking lot). A truck wash was not constructed for the project since soil needed to be moved by hand from the basement area to a roll-off container staged at grade in the adjacent parking lot.

The presence of utilities and easements on the Site were fully investigated prior to excavation or drilling by using the One-Call System (811). Utility companies and other responsible authorities were contacted to locate and mark the locations prior to the start of the invasive subsurface operations. 125th Street Equities, LLC was responsible for the acquisition of all applicable agency approvals and permits prior to the start of work.

A Pre-construction meeting was held at OER's office on July 25, 2013. An OER Project Notice was erected at the project entrance and was in place during all phases of the Remedial Action.

Soil Screening

All soil was screened using a photo-ionization detector (PID) as it was removed from the excavations. No elevated PID readings were detected during the Remedial Action, which is to be expected since volatile organic compounds were not detected during the RI and are not a contaminant of concern at the Site.

Stockpile Management

Due to Site constraints (all work was performed in the basement area, with landmarked walls extending above grade to the second floor), soil was temporarily staged adjacent to each excavation area, and then manually moved in buckets to a roll-off container located at grade. The roll-off container was covered at the end of each day of use, and removed and replaced as needed.

Truck Inspection

Due to the method used for soil removal, trucks were not entering the site, or driving through potentially contaminated material, and therefore, did not require any inspection or cleaning.

Site Security

The Site is enclosed with the existing landmarked building walls, surrounded by construction fencing. Site access was controlled by 125th Street Equities, LLC through gated entrances to the fenced property.

Nuisance Controls

Odors were not an issue during Site remediation since VOCs were not detected during the RI.

Dust was of limited concern during Site remediation since work was conducted in the confined basement area. Dust management during invasive on-Site work included, at a minimum: (a) use of a water spray methodology for as needed for excavation areas; (b) exercised extra care during dry and high-wind periods.

This dust control plan was capable of controlling emissions of dust. If nuisance dust emissions were identified, work was halted and the source of dusts were identified and corrected. Work did not resume until all nuisance dust emissions had abated.

Noise control was exercised during the remedial program. All remedial work conformed, at a minimum, to NYC noise control standards.

Throughout the duration of the remedial action no citizen complaints were received.

Reporting

In compliance with OER-approved RAWP dated March 2013, daily reports providing a summary of activities were prepared. These reports included details of:

- Activities performed and progress made during excavation and site construction;
- Quantities of material imported and exported at Site; and
- Summary of CAMP excursions.

All daily reports are included in Appendix B. Digital photographs of the Remedial Action are included in the daily reports.

4.3 MATERIALS EXCAVATION AND REMOVAL

On August 5 and 6, 2013, a Bobcat mini-excavator was used to excavate hotspot areas as defined in the RAWP. On August 14, 2013, additional soil was removed from the excavation areas at Post Ex-5 and Post Ex-6 due to minor exceedances of copper (a naturally occurring metal) in the first two samples. Results are discussed more detail in the following section. A map showing the location where excavations were performed is shown in Figure 2.

End Point Sample Results

A total of 8 endpoint samples, and 1 field blank were collected and analyzed for TAL metals using USEPA Method 6010 as part of the RAWP as shown below:

Post Excavation Sample ID	Depth Below Former Cellar Floor Slab (in feet)
Post Ex-1	3
Post Ex-2	4
Post Ex-3	4
Post Ex-4	8
Post Ex-5	8
Post Ex-5B	9
Post Ex-6	4-5
Post Ex-6B	6

A map of end-point sample locations is shown in Figure 4. A tabular summary of end-point sampling results compared to SCO's is included in Table 3. Laboratory analytical reports are included in Appendix C.

As shown in Figure 4 and Table 3, there were no exceedances of metals in Post Ex-1, through Post Ex-4. Copper was the only metal to exceed the Unrestricted Use SCO (50 mg/kg) in any of the samples, and was detected at a concentration of 83.9 mg/kg in Post Ex-5 at a depth of 8 feet below the cellar floor slab and 105 mg/kg in Post Ex-6 at a depth of 4-5 feet below the cellar floor slab.

Upon discussion with OER, additional soil was removed from these areas and 2 more post excavation samples were collected. Copper was detected at a concentration of 77.1 mg/kg in Post Ex-5B at a depth of 9 feet below the cellar floor slab, and 55.6 mg/kg in Post Ex-6B at a depth of 6 feet below the cellar floor slab. These detections only marginally exceed the Unrestricted Use SCO for copper, which is a naturally occurring metal, and do not represent a residual contaminant source. These residual concentrations of metals above the Track 1 SCO established for this property were evaluated to assess the potential for environmental and public health impact. This evaluation shows that the

building is protected with an 24-inch building slab and that exceedances in soils were all located well below the building slab with no potential exposure pathways to occupants of the building. Similarly, despite elevated soil concentrations, groundwater does not exhibit exceedence of Groundwater Quality Standards for these metals and there is no associated public health or environmental exposures. On the basis of this evaluation, management of these soils in place was determined to be protective of public health and the environment.

4.4 MATERIALS DISPOSAL

The material type, quantity and disposal location of material removed and disposed off-Site is presented below:

Disposal Location/Address	Type of Material	Quantity
Soil Safe, Logan Township, New Jersey	Non-Hazardous Soil	335 tons

The acceptance letter from the disposal facility stating it is approved to accept the above materials are attached in Appendix D. Manifests are included in Appendix E. Characterization sample results are presented in Appendix F.

4.5 BACKFILL IMPORT

No backfill (soil) from offsite sources was imported onsite. Approximately 90 CY of recycled concrete aggregate (RCA) was imported to the Site. The RCA was imported for the contractor's use as base for the construction of a concrete slab.

4.6 DEMARCATION

Demarcation was not required on this Remedial Action.

5.0 ENGINEERING CONTROLS

A Track 1 Remedial Action was achieved and Engineering Controls are not required. However, as part of construction, several protective systems were installed. These are:

(1) a Composite Cover System consisting of 24 inches of concrete floor slab and 6 inches of RCA sub base beneath the majority of the Site (the entire building footprint), with 6 inch concrete floor slabs beneath the former vault areas; and

(2) Vapor Barrier System.

Composite Cover System

A Track 1 Remedial Action was achieved and Engineering Controls are not required. However, as part of construction, a composite cover system consisting of 6 inches of clean sub-base material and a 24-inch thick concrete floor slab beneath the building footprint, with 6-inch thick concrete floor slabs beneath the two former vault areas. There is no open space included in the redevelopment since the building occupies the entire footprint of the Site. The contractor for construction of the Composite Cover System was Top Grade Excavating NY, Inc. of Yonkers, New York.

The figure in Appendix G shows the as-built design and location of the cover type used on this Site.

Vapor Barrier System

A Track 1 Remedial Action was achieved and Engineering Controls are not required. However, as part of construction, a vapor barrier was installed beneath the floor slab. This Vapor Barrier System consists of a Grace Preprufe® 330R Vapor/Waterproofing membrane consisting of a 46-mil high-density polyethylene (HDPE) sheet with a synthetic adhesive and weather resistant protective coating beneath the foundation. The contractor for construction of the Vapor Barrier System was Top Grade Excavating NY, Inc. of Yonkers, New York.

The as-built design for the Vapor Barrier System used on this Site and photographs of installation of the Vapor Barrier System are included in Appendix G. A copy of the certificate of warranty is included in Appendix H.

6.0 INSTITUTIONAL CONTROLS

A Track 1 Remedial Action was achieved in the Remedial Action and Engineering Controls and Institutional Controls are not required.

7.0 SITE MANAGEMENT PLAN

A Track 1 Remedial Action was achieved and Site Management is not required.

8.0 SUSTAINABILITY REPORT

This Remedial Action Work Plan provides for sustainable remediation and redevelopment through a variety of means that are defined in this Sustainability Report.

Reuse of Clean, Recyclable Materials.

Reuse of clean, recyclable materials reduces consumption of non-renewable virgin resources and can provide energy savings and greenhouse gas reduction since these materials can be locally-derived.

An estimate of the tonnage of recycled material reused on this project is 182 tons of RCA.

Recontamination Control.

Recontamination after cleanup and redevelopment is completed undermines the value of work performed, may result in a property that is less protective of public health or the environment, and may necessitate additional cleanup work later that could impede future redevelopment. Recontamination can arise from future releases that occur within the property or by influx of existing contamination from off-Site.

As part of construction, a vapor barrier was installed at the site, beneath the new basement floor slab. The area of the Site that utilizes recontamination controls under this plan is 4,493-square feet; this is 100% .

Paperless Brownfield Cleanup Program.

125th Street Equities, LLC participated in OER's Paperless Brownfield Cleanup Program. Under this program, submission of electronic documents replaced submission of hard copies for the review of project documents, communications and milestone reports. A best estimate of the mass (pounds) of paper saved under this plan is 2 pounds.

Low-Energy Project Management Program.

125th Street Equities, LLC participated in OER's low-energy project management program. Under this program, whenever possible, meetings were held using remote communication technologies, such as videoconferencing and teleconferencing to reduce energy consumption and traffic congestion associated with personal transportation. A

gross estimate of the number of miles of personal transportation that was conserved in this process is 200.

TABLES

1. List of SCOs
2. Summary of Pesticides in Soil
3. Summary of Metals in Soil

Table 1. Summary of Soil Cleanup Objectives in Soil, 81 East 125th Street, Manhattan, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use
Volatile Organic Compounds	
1,1,1-Trichloroethane	680
1,1,2,2-Tetrachloroethane	--
1,1,2-Trichloroethane	--
1,1-Dichloroethane	270
1,1-Dichloroethene	330
1,2,3-Trichlorobenzene	--
1,2,4-Trichlorobenzene	--
1,2-Dibromoethane	--
1,2-Dichlorobenzene	1100
1,2-Dichloroethane	20
1,2-Dichloropropane	--
1,3-Dichlorobenzene	2400
1,4-Dichlorobenzene	1800
1,4-Dioxane	100
2-Butanone (MEK)	120
2-Hexanone	--
4-Methyl-2-pentanone (MIBK)	--
Acetone	50
Benzene	60
Bromochloromethane	--
Bromodichloromethane	--
Bromoform	--
Bromomethane	--
Carbon disulfide	--
Carbon tetrachloride	760
Chlorobenzene	1100
Chloroethane	--
Chloroform	370
Chloromethane	--
cis-1,2-Dichloroethene	250
cis-1,3-Dichloropropene	--
Cyclohexane	--
Dibromochloromethane	--
Dibromochloropropane	--

Table 1. Summary of Soil Cleanup Objectives in Soil, 81 East 125th Street, Manhattan, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use
Volatile Organic Compounds	
Dichlorodifluoromethane	--
Ethylbenzene	1000
Freon 113	--
Isopropylbenzene	--
m+p-Xylene	--
Methyl acetate	--
Methylcyclohexane	--
Methylene chloride	50
MTBE	930
o-Xylene	--
Styrene	--
Tetrachloroethene	1300
Toluene	700
trans-1,2-Dichloroethene	190
trans-1,3-Dichloropropene	--
Trichloroethene	470
Trichlorofluoromethane	--
Vinyl chloride	20
Xylenes (total)	260
Semivolatile Organic Compounds	
1,1'-Biphenyl	--
1,2,4,5-Tetrachlorobenzene	--
2,2'-oxybis (1-chloropropane)	--
2,3,4,6-Tetrachlorophenol	--
2,4,5-Trichlorophenol	--
2,4,6-Trichlorophenol	--
2,4-Dichlorophenol	--
2,4-Dimethylphenol	--
2,4-Dinitrophenol	--
2,4-Dinitrotoluene	--
2,6-Dinitrotoluene	--
2-Chloronaphthalene	--
2-Chlorophenol	--
2-Methylnaphthalene	--
2-Methylphenol	330

Table 1. Summary of Soil Cleanup Objectives in Soil, 81 East 125th Street, Manhattan, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use
Volatile Organic Compounds	
2-Nitroaniline	--
2-Nitrophenol	--
3&4-Methylphenol	--
3,3'-Dichlorobenzidine	--
3-Nitroaniline	--
4,6-Dinitro-2-methylphenol	--
4-Bromophenyl phenyl ether	--
4-Chloro-3-methylphenol	--
4-Chloroaniline	--
4-Chlorophenyl phenyl ether	--
4-Nitroaniline	--
4-Nitrophenol	--
Acenaphthene	20000
Acenaphthylene	100000
Acetophenone	--
Anthracene	100000
Atrazine	--
Benzaldehyde	--
Benzo[a]anthracene	1000
Benzo[a]pyrene	1000
Benzo[b]fluoranthene	1000
Benzo[g,h,i]perylene	100000
Benzo[k]fluoranthene	800
Bis(2-chloroethoxy)methane	--
Bis(2-chloroethyl) ether	--
Bis(2-ethylhexyl) phthalate	--
Butylbenzyl phthalate	--
Caprolactam	--
Carbazole	--
Chrysene	1000
Dibenzo[a,h]anthracene	330
Dibenzofuran	7000
Diethyl phthalate	--
Dimethyl phthalate	--

Table 1. Summary of Soil Cleanup Objectives in Soil, 81 East 125th Street, Manhattan, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use
Volatile Organic Compounds	
Di-n-butyl phthalate	--
Di-n-octyl phthalate	--
Fluoranthene	100000
Fluorene	30000
Hexachlorobenzene	330
Hexachlorobutadiene	--
Hexachlorocyclopentadiene	--
Hexachloroethane	--
Indeno[1,2,3-cd]pyrene	500
Isophorone	--
Naphthalene	12000
Nitrobenzene	--
n-Nitrosodi-n-propylamine	--
n-Nitrosodiphenylamine	--
Pentachlorophenol	800
Phenanthrene	100000
Phenol	330
Pyrene	100000
Metals	
Aluminum	--
Antimony	--
Arsenic	13
Barium	350
Beryllium	7.2
Cadmium	2.5
Calcium	--
Chromium	30
Cobalt	--
Copper	50
Iron	--
Lead	63
Magnesium	--
Manganese	1600
Mercury	0.18

Table 1. Summary of Soil Cleanup Objectives in Soil, 81 East 125th Street, Manhattan, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use
Volatile Organic Compounds	
Nickel	30
Potassium	--
Selenium	3.9
Silver	2
Sodium	--
Thallium	--
Vanadium	--
Zinc	109
Pesticides	
4,4'-DDD	3.3
4,4'-DDE	3.3
4,4'-DDT	3.3
Aldrin	5
alpha-BHC	20
beta-BHC	36
Chlordane	--
delta-BHC	40
Dieldrin	5
Endosulfan I	2400
Endosulfan II	2400
Endosulfan sulfate	2400
Endrin aldehyde	--
Endrin ketone	--
Endrin	14
gamma-BHC (Lindane)	100
Heptachlor epoxide	--
Heptachlor	42
Methoxychlor	--
Toxaphene	--
Polychlorinated Biphenyls	
Total PCBs	100

Table 2. Summary of Pesticides in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	**Sample Designation:**	Post Ex-1	Post Ex-2	Post Ex-3	Post Ex-4	Post Ex-5	Post Ex-6
		Sample Date:	8/5/2013	8/5/2013	8/5/2013	8/5/2013	8/5/2013	8/5/2013
		Sample Depth (ft bls):	3-3	4-4	4-4	8-8	8-8	4-5
4,4'-DDD	3.3		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
4,4'-DDE	3.3		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
4,4'-DDT	3.3		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Aldrin	5		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
alpha-BHC	20		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
beta-BHC	36		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Chlordane	--		70 U	74 U	72 U	84 U	75 U	78 U
delta-BHC	40		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Dieldrin	5		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endosulfan I	2400		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endosulfan II	2400		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endosulfan sulfate	2400		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endrin aldehyde	--		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endrin ketone	--		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Endrin	14		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
gamma-BHC (Lindane)	100		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Heptachlor epoxide	--		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Heptachlor	42		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Methoxychlor	--		7 U	7.4 U	7.2 U	8.4 U	7.5 U	7.8 U
Toxaphene	--		70 U	74 U	72 U	84 U	75 U	78 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

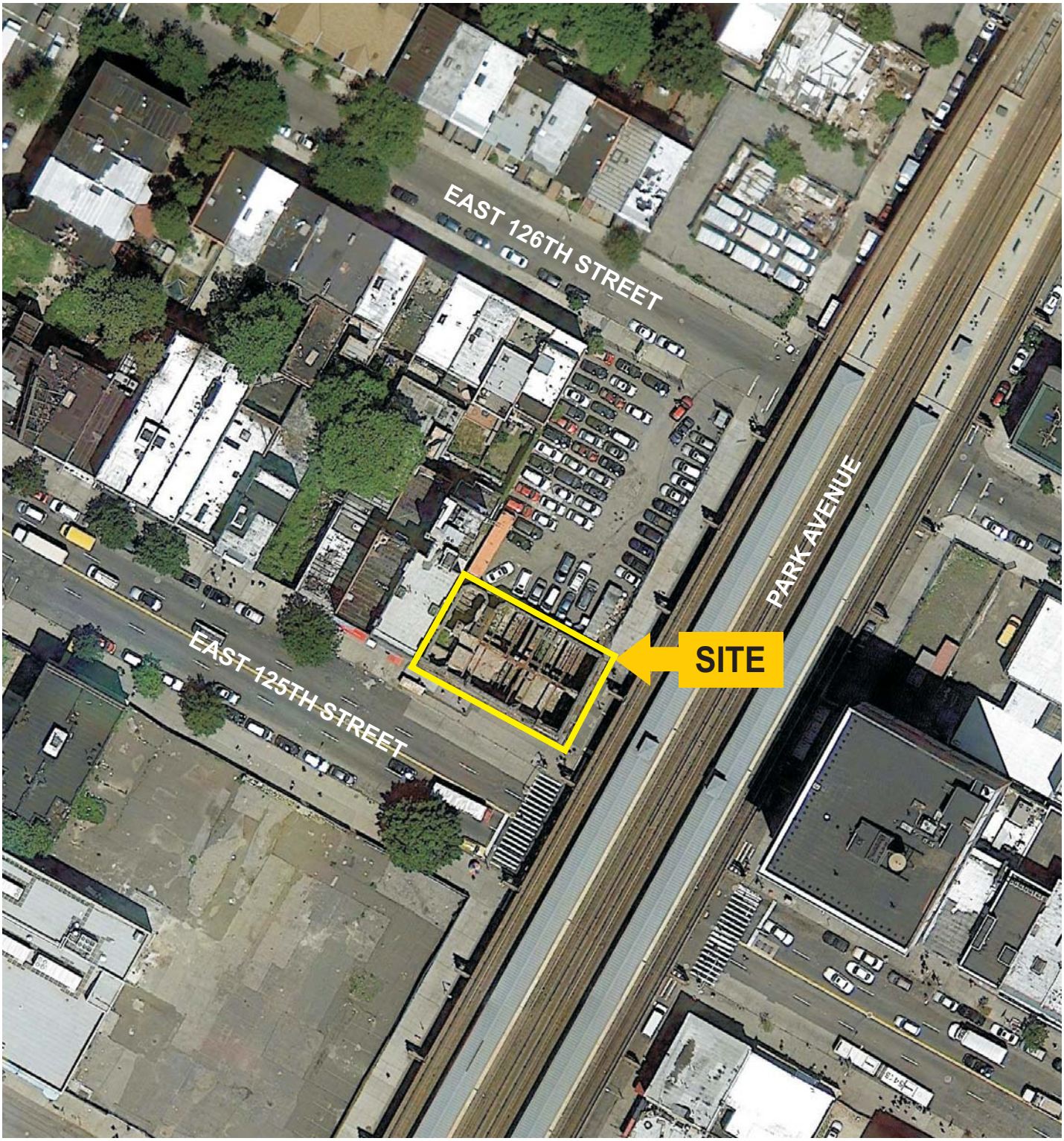
Table 3. Summary of Metals in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in mg/kg)	NYSDEC Part 375 Unrestricted Use	**Sample Designation:**	Post Ex-1	Post Ex-2	Post Ex-3	Post Ex-4	Post Ex-5	Post Ex-5B	Post Ex-6	Post Ex-6B
		Sample Date:	8/5/2013	8/5/2013	8/5/2013	8/5/2013	8/5/2013	8/14/2013	8/5/2013	8/14/2013
		Sample Depth (ft bls):	3-3	4-4	4-4	8-8	8-8	9-9	4-5	6-6
Aluminum	--		3990	3910	3830	NA	NA	NA	NA	NA
Antimony	--		2 U	2.2 U	2.1 U	NA	NA	NA	NA	NA
Arsenic	13		1.2	1.1 U	1	NA	NA	NA	NA	NA
Barium	350		24.5 J	38.3 J	20.4 J	NA	NA	NA	NA	NA
Beryllium	7.2		0.25 J	0.2 J	0.31 J	NA	NA	NA	NA	NA
Cadmium	2.5		1 U	1.1 U	1 U	NA	NA	NA	NA	NA
Calcium	--		1450	1130	431 J	NA	NA	NA	NA	NA
Chromium	30		11.1	9.2	11.2	NA	NA	NA	NA	NA
Cobalt	--		3.1 J	3.2 J	2.7 J	NA	NA	NA	NA	NA
Copper	50		14.3	17.4	17.3	25	**83.9**	**77.1**	**105**	**55.6**
Iron	--		7780	5970	7620	NA	NA	NA	NA	NA
Lead	63		5.3	4.6	4.1	NA	NA	NA	30.5	NA
Magnesium	--		1840	1400	1520	NA	NA	NA	NA	NA
Manganese	1600		124	207	90	NA	NA	NA	NA	NA
Mercury	0.18		0.032	0.017 J	0.014 J	NA	NA	NA	NA	NA
Nickel	30		8.1	6.9 J	6.8 J	NA	NA	NA	NA	NA
Potassium	--		519 J	500 J	479 J	NA	NA	NA	NA	NA
Selenium	3.9		2 U	2.2 U	2.1 U	NA	NA	NA	NA	NA
Silver	2		2 U	2.2 U	2.1 U	NA	0.48 J	NA	NA	NA
Sodium	--		1020 U	1080 U	1040 U	NA	NA	NA	NA	NA
Thallium	--		2 U	2.2 U	2.1 U	NA	NA	NA	NA	NA
Vanadium	--		10.8	12.7	10.5	NA	NA	NA	NA	NA
Zinc	109		13.8	11.3	14.1	NA	43.9	NA	NA	NA

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

FIGURES

1. Site Location Map
2. Site Plan
3. Redevelopment Plan
4. Excavation Areas and Post-Excavation Sample Results



0 100 ft

N

Title:

SITE LOCATION MAP

81 EAST 125TH STREET
NEW YORK, NY

Prepared for:

125TH STREET EQUITIES, LLC.

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: C.W.	Date: 14NOV13	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	1
Project Mgr.: C.W.	Project No.: 2131.0001Y000	
File: 2131.0001Y109.01.CDR		

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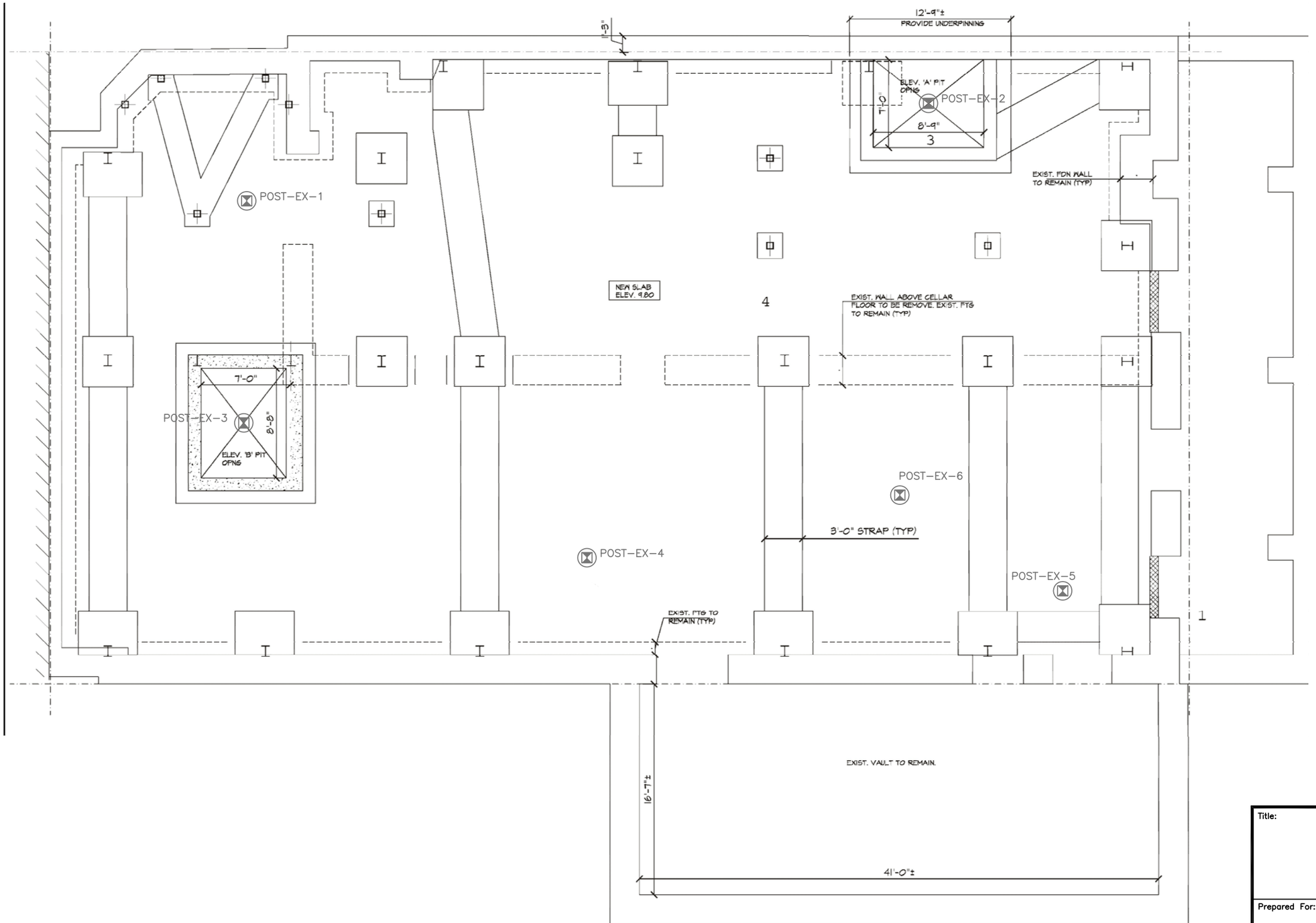

LEGEND

POST-EX-1 POST-EXCAVATION SOIL SAMPLE LOCATION

8' 0 8'

Title:

SITE PLAN

81 EAST 125TH STREET
NEW YORK, NEW YORK

Prepared For:

125TH STREET EQUITIES, LLC.

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: C.W.	Date: 18NOV13	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	2
Project Mgr: C.W.	Project: 2131.0001Y	
File: 2131.0001Y109.02.DWG		

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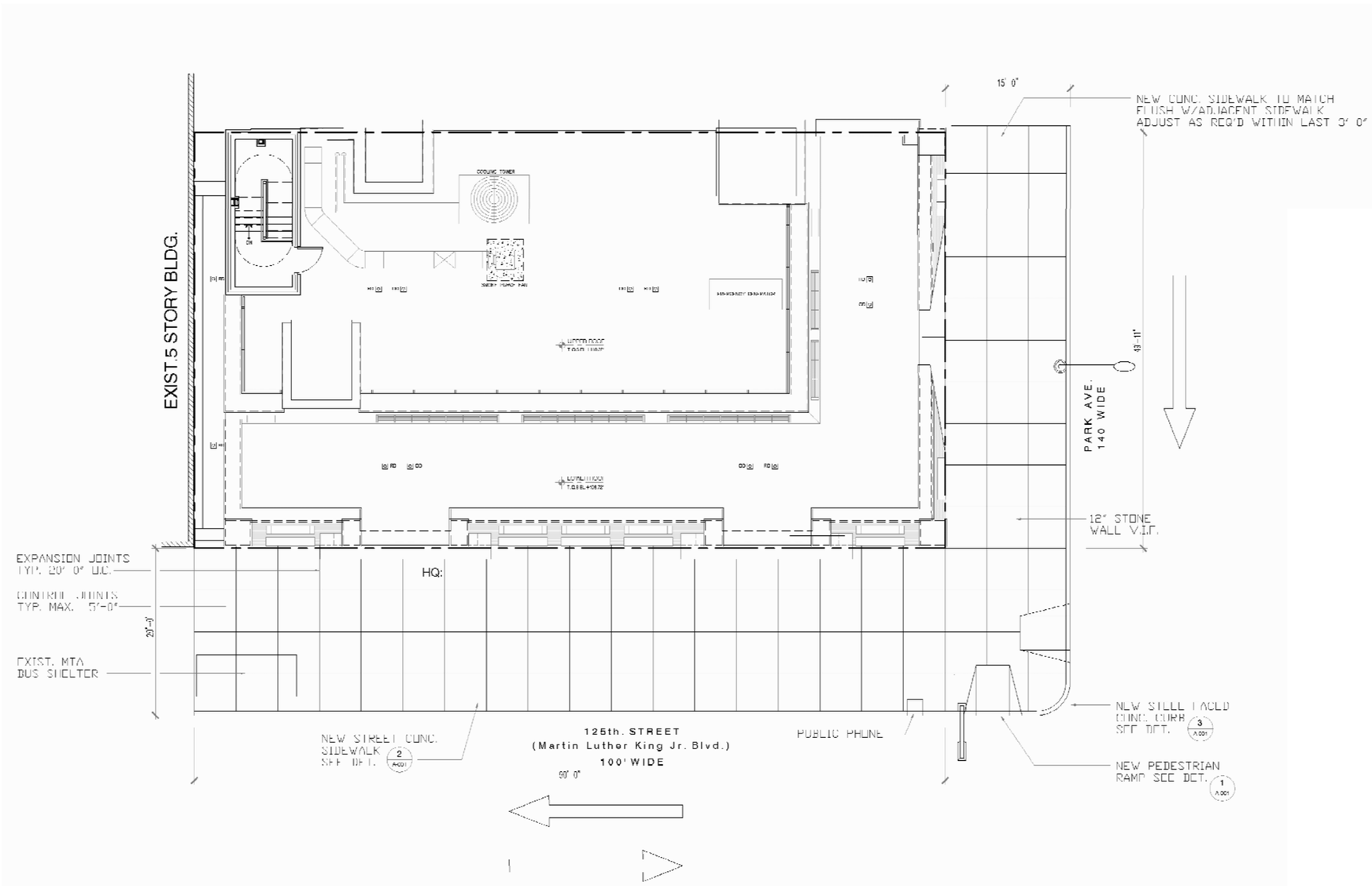

Key Symbols

- PROPERTY LINE
- UTILITY POLE
- SEWER MANHOLE
- DATUM POINT
- HYD FIRE HYDRANT
- TS TRAFFIC SIGN
- EJ EXPANSION JOINT
- AD AREA DRAIN
- YD YARD DRAIN
- RD ROOF DRAIN
- LIGHT POLE
- TRENCH DRAIN
- EXISTING TREE TO REMAIN
- PROPOSED STREET TREE
- GRASS AREA
- ASPHALT PAVING
- PROPOSED PERENNIAL MASS PLANTING
- GRANITE BLOCK FOR TREE PIT
- CONCRETE PAVING
- 8'-0" BENCH W/ BACK
- T.C. PROPOSED TOP OF CURB ELEVATION
- B.C. EXISTING BOTTOM OF CURB ELEVATION

General Notes :

1. EXPANSION JOINTS ARE TO BE LOCATED AT ALL AREAS WHERE THE PAVED SURFACE ABUTS THE BUILDING'S FACE.
2. EXPANSION JOINTS ARE TO BE LOCATED ALONG THE SIDEWALK EDGE ABUTTING THE STREET CURB AND AT 20'-0" INTERVALS ALONG PAVEMENT.
3. EXPANSION JOINTS ARE TO BE LOCATED ALONG THE SIDEWALK EDGE ABUTTING ANY NEW CURBING.
4. ENTRANCE TO ALL UNITS ARE LOCATED WITHIN 250'-0" OF A FIRE HYDRANT AS PER SECTION 27-948.

20' 0 20'

Title:

REDEVELOPMENT PLAN

81 EAST 125TH STREET
NEW YORK, NEW YORK

Prepared For:

125TH STREET EQUITIES, LLC.

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: C.W.	Date: 14NOV13	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	3
Project Mgr: C.W.	Project: 2131.0001Y	
File: 2131.0001Y109.03.DWG		

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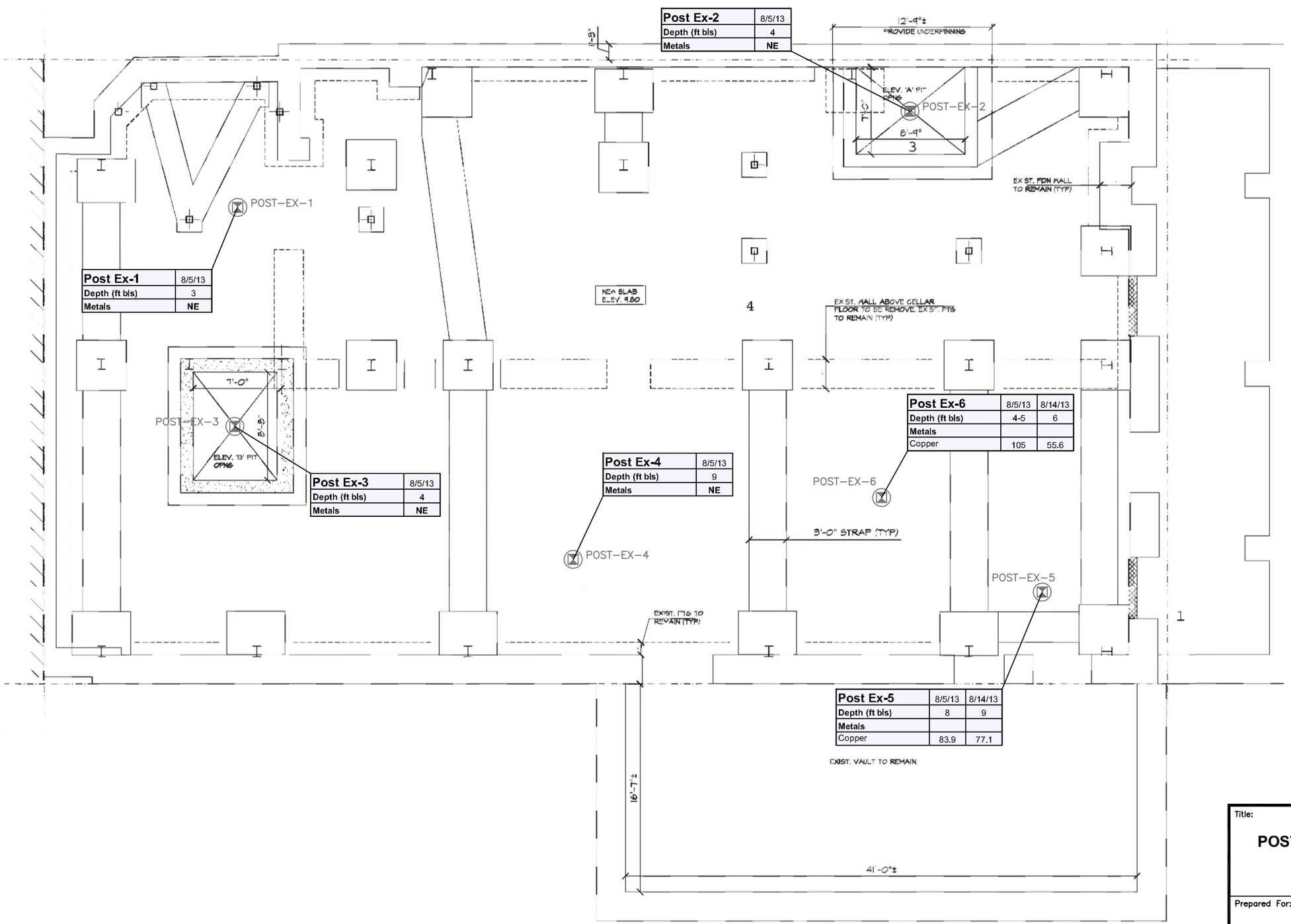

Post Ex-1	8/5/13
Depth (ft bls)	3
Metals	NE

Post Ex-2	8/5/13
Depth (ft bls)	4
Metals	NE

Post Ex-3	8/5/13
Depth (ft bls)	4
Metals	NE

Post Ex-4	8/5/13
Depth (ft bls)	9
Metals	NE

Post Ex-5	8/5/13	8/14/13
Depth (ft bls)	8	9
Metals		
Copper	83.9	77.1

Post Ex-6	8/5/13	8/14/13
Depth (ft bls)	4-5	6
Metals		
Copper	105	55.6

LEGEND

POST-EX-1 — POST-EXCAVATION SOIL SAMPLE LOCATION

Parameter (Concentrations in mg/kg)	Standards* (mg/kg)
Metals	
Copper	50
Pesticides	NE

mg/kg -Milligrams per kilogram
*NYSDEC Part 375 Unrestricted Use Standards
NYSDEC - New York State Department of Environmental Conservation
NE - No exceedance
ft bls - Feet below land surface

8' 0 8'

Title:

EXCAVATION AREAS AND POST-EXCAVATION SAMPLE RESULTS

81 EAST 125TH STREET
NEW YORK, NEW YORK

Prepared For:

125TH STREET EQUITIES, LLC.

ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting & Management

Compiled by: C.W.	Date: 13MAY14	FIGURE
Prepared by: J.A.D.	Scale: AS SHOWN	4
Project Mgr: C.W.	Project: 2131.0001Y	
File: 2131.0001Y109.02.DWG		

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APPENDICES

A. Community Air Monitoring Data
B. Daily Field Activity Reports
C. Post-Excavation Analytical Results
D. Disposal Facility Approvals
E. Manifest Documentation
F. Waste Characterization Analytical Results
G. As-built and Photographs of Vapor Barrier Installation
H. Vapor Barrier Certificate of Warranty

APPENDIX A

Community Air Monitoring Data

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/5/2013

Downwind	
Time	Concentration [ug/m3]
08:19:35	71.49
08:34:35	44.56
08:49:35	19.05
09:04:35	12.78
09:19:35	19.39
09:34:35	18.42
09:49:35	7.52
10:04:35	7.15
10:19:35	125.24
10:34:35	35.12
10:49:35	7.23
11:04:35	6.79
11:19:35	5.56
11:34:35	5.56
11:49:35	7.09
12:04:35	8.12
12:19:35	15.44
12:34:35	5.91
12:49:35	16.95
13:04:35	44.78
13:19:35	37.09
13:34:35	20.22
13:49:35	12.31
14:04:35	8.79

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	2	
Start Time	08:04:35	
Start Date	05-Aug-2013	
Log Period	00:15:00	
Number	24	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	1235.354066	
Max Disp @	08:04:36 05-Aug-2013	
Max STEL	125.789452	
Max STEL @	10:20:55 05-Aug-2013	
Avg point	23.439188	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	71.49	26.8	41	762	1	08:19:35	05-Aug-2013
2	44.56	27.5	39	762	0	08:34:35	05-Aug-2013
3	19.05	27.9	38	762	0	08:49:35	05-Aug-2013
4	12.78	28.1	36	762	0	09:04:35	05-Aug-2013
5	19.39	28.2	33	762	1	09:19:35	05-Aug-2013
6	18.42	28.2	32	762	0	09:34:35	05-Aug-2013
7	7.52	28.4	31	762	0	09:49:35	05-Aug-2013
8	7.15	29.1	31	762	0	10:04:35	05-Aug-2013
9	125.24	30	29	762	0	10:19:35	05-Aug-2013
10	35.12	29.9	29	762	0	10:34:35	05-Aug-2013
11	7.23	29.3	30	762	0	10:49:35	05-Aug-2013
12	6.79	28.9	32	762	0	11:04:35	05-Aug-2013
13	5.56	28.7	31	762	0	11:19:35	05-Aug-2013
14	5.56	28.4	31	762	0	11:34:35	05-Aug-2013
15	7.09	28.2	30	762	0	11:49:35	05-Aug-2013
16	8.12	28.7	30	762	0	12:04:35	05-Aug-2013
17	15.44	30.2	29	762	0	12:19:35	05-Aug-2013
18	5.91	32.3	26	762	0	12:34:35	05-Aug-2013
19	16.95	34.2	25	762	0	12:49:35	05-Aug-2013
20	44.78	35.8	24	762	0	13:04:35	05-Aug-2013
21	37.09	37.3	23	762	0	13:19:35	05-Aug-2013
22	20.22	38.5	23	762	0	13:34:35	05-Aug-2013
23	12.31	38.7	23	762	0	13:49:35	05-Aug-2013
24	8.79	38.6	23	762	0	14:04:35	05-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/6/2013

Downwind	
Time	Concentration [ug/m3]
08:38:30	16.49
08:53:30	17.65
09:08:30	12.58
09:23:30	15.49
09:38:30	14.52
09:53:30	14.16
10:08:30	10.02
10:23:30	24.93
10:38:30	17.55
10:53:30	14.04
11:08:30	8.06
11:23:30	12.1
11:38:30	16.19
11:53:30	12.05
12:08:30	13.11
12:23:30	11
12:38:30	9.85
12:53:30	9.38
13:08:30	17.54
13:23:30	10.23
13:38:30	9.27
13:53:30	11.05
14:08:30	15.28
14:23:30	9.74
14:38:30	10.38
14:53:30	9.86
15:08:30	10.48
15:23:30	11.51
15:38:30	8.98
15:53:30	10.1
16:08:30	8.77
16:23:30	10.2
16:38:30	164.36
16:53:30	53.98

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	3	
Start Time	08:23:30	
Start Date	06-Aug-2013	
Log Period	00:15:00	
Number	34	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNITS	C	
RH CORREC	"DISABLED"	
Max Disp	471.284962	
Max Disp @	08:33:41 06-Aug-2013	
Max STEL	182.684135	
Max STEL @	08:43:30 06-Aug-2013	
Avg point	12.060746	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	16.49	21.9	61	764	1	08:38:30	06-Aug-2013
2	17.65	22.9	60	764	0	08:53:30	06-Aug-2013
3	12.58	23.8	58	764	0	09:08:30	06-Aug-2013
4	15.49	24.6	55	764	0	09:23:30	06-Aug-2013
5	14.52	25.3	55	764	0	09:38:30	06-Aug-2013
6	14.16	25.9	53	764	0	09:53:30	06-Aug-2013
7	10.02	26.4	50	764	0	10:08:30	06-Aug-2013
8	24.93	26.8	49	764	0	10:23:30	06-Aug-2013
9	17.55	27.2	48	764	0	10:38:30	06-Aug-2013
10	14.04	27.6	44	764	0	10:53:30	06-Aug-2013
11	8.06	28.1	41	764	0	11:08:30	06-Aug-2013
12	12.1	28.5	41	764	0	11:23:30	06-Aug-2013
13	16.19	28.7	41	764	0	11:38:30	06-Aug-2013
14	12.05	28.8	42	764	0	11:53:30	06-Aug-2013
15	13.11	28.9	40	764	0	12:08:30	06-Aug-2013
16	11	29.1	37	764	0	12:23:30	06-Aug-2013
17	9.85	29.5	36	764	0	12:38:30	06-Aug-2013
18	9.38	30.1	35	764	0	12:53:30	06-Aug-2013
19	17.54	30.4	35	764	0	13:08:30	06-Aug-2013
20	10.23	30.9	34	764	0	13:23:30	06-Aug-2013
21	9.27	31.9	33	764	0	13:38:30	06-Aug-2013
22	11.05	33.3	29	764	0	13:53:30	06-Aug-2013
23	15.28	34.8	29	764	0	14:08:30	06-Aug-2013
24	9.74	35.7	28	764	0	14:23:30	06-Aug-2013
25	10.38	35.4	29	764	0	14:38:30	06-Aug-2013
26	9.86	35.4	29	764	0	14:53:30	06-Aug-2013
27	10.48	35.8	29	764	0	15:08:30	06-Aug-2013
28	11.51	35.7	29	764	0	15:23:30	06-Aug-2013
29	8.98	34.6	29	764	0	15:38:30	06-Aug-2013
30	10.1	33.3	30	764	0	15:53:30	06-Aug-2013
31	8.77	32.1	35	764	0	16:08:30	06-Aug-2013
32	10.2	31.1	35	764	0	16:23:30	06-Aug-2013
33	164.36	30.3	37	764	0	16:38:30	06-Aug-2013
34	53.98	29.8	40	764	0	16:53:30	06-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/7/2013

Downwind	
Time	Concentration [ug/m3]
08:37:36	9.35
08:52:36	8.58
09:07:36	8.18
09:22:36	7.58
09:37:36	7.42
09:52:36	7.02
10:07:36	9.42
10:22:36	14.37
10:37:36	7.48
10:52:36	7.76
11:07:36	7.91
11:22:36	10.08
11:37:36	12.29
11:52:36	9.52
12:07:36	9.74
12:22:36	9.31
12:37:36	9.91
12:52:36	11.08
13:07:36	9.31
13:22:36	9.08
13:37:36	9.11
13:52:36	9.46
14:07:36	9.69
14:22:36	9.34
14:37:36	8.67
14:52:36	20.68

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	4	
Start Time	08:22:36	
Start Date	07-Aug-2013	
Log Period	00:15:00	
Number	26	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT	C	
RH CORREC	"DISABLED"	
Max Disp	145.641956	
Max Disp @	14:52:01 07-Aug-2013	
Max STEL	20.677094	
Max STEL @	14:52:36 07-Aug-2013	
Avg point	9.705438	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	9.35	25.7	56	764	2	08:37:36	07-Aug-2013
2	8.58	26	56	764	0	08:52:36	07-Aug-2013
3	8.18	26.4	56	764	0	09:07:36	07-Aug-2013
4	7.58	26.9	55	764	0	09:22:36	07-Aug-2013
5	7.42	27.5	54	764	0	09:37:36	07-Aug-2013
6	7.02	27.9	53	764	0	09:52:36	07-Aug-2013
7	9.42	28.2	52	764	0	10:07:36	07-Aug-2013
8	14.37	28.3	53	764	0	10:22:36	07-Aug-2013
9	7.48	28.6	53	764	0	10:37:36	07-Aug-2013
10	7.76	28.7	53	764	0	10:52:36	07-Aug-2013
11	7.91	28.7	52	764	0	11:07:36	07-Aug-2013
12	10.08	28.8	52	764	0	11:22:36	07-Aug-2013
13	12.29	28.9	53	764	0	11:37:36	07-Aug-2013
14	9.52	29	53	764	0	11:52:36	07-Aug-2013
15	9.74	29	53	764	0	12:07:36	07-Aug-2013
16	9.31	29.4	51	764	0	12:22:36	07-Aug-2013
17	9.91	29.9	50	764	0	12:37:36	07-Aug-2013
18	11.08	30.3	49	764	0	12:52:36	07-Aug-2013
19	9.31	30.8	48	764	0	13:07:36	07-Aug-2013
20	9.08	31.5	47	764	0	13:22:36	07-Aug-2013
21	9.11	32.3	42	764	0	13:37:36	07-Aug-2013
22	9.46	32.7	42	764	0	13:52:36	07-Aug-2013
23	9.69	32.5	44	764	0	14:07:36	07-Aug-2013
24	9.34	32.2	44	764	0	14:22:36	07-Aug-2013
25	8.67	31.6	48	764	0	14:37:36	07-Aug-2013
26	20.68	31	49	764	0	14:52:36	07-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/7/2013

Downwind	
Time	Concentration [ug/m3]
08:27:49	30.61
08:42:49	32.3
08:57:49	38.64
09:12:49	34.19
09:27:49	36.31
09:42:49	36.23
09:57:49	35.27
10:12:49	36.58
10:27:49	36.86
10:42:49	35.62
10:57:49	33.17
11:12:49	28.02
11:27:49	29.63
11:42:49	27.48
11:57:49	29.75
12:12:49	33.19
12:27:49	33.43
12:42:49	32.7
12:57:49	33.19
13:12:49	32.02
13:27:49	28.23

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	5	
Start Time	08:12:49	
Start Date	08-Aug-2013	
Log Period	00:15:00	
Number	21	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	210.731578	
Max Disp @	08:12:50 08-Aug-2013	
Max STEL	38.796687	
Max STEL @	08:58:39 08-Aug-2013	
Avg point	33.019404	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	30.61	25.2	79	762	0	08:27:49	08-Aug-2013
2	32.3	25.7	78	762	0	08:42:49	08-Aug-2013
3	38.64	26.2	77	762	0	08:57:49	08-Aug-2013
4	34.19	26.7	75	762	0	09:12:49	08-Aug-2013
5	36.31	27.2	73	762	0	09:27:49	08-Aug-2013
6	36.23	27.6	72	762	0	09:42:49	08-Aug-2013
7	35.27	28.1	71	762	0	09:57:49	08-Aug-2013
8	36.58	28.7	67	762	0	10:12:49	08-Aug-2013
9	36.86	29.1	65	762	0	10:27:49	08-Aug-2013
10	35.62	29.5	65	762	0	10:42:49	08-Aug-2013
11	33.17	29.7	65	762	0	10:57:49	08-Aug-2013
12	28.02	29.7	66	762	0	11:12:49	08-Aug-2013
13	29.63	29.7	66	762	0	11:27:49	08-Aug-2013
14	27.48	29.6	66	762	0	11:42:49	08-Aug-2013
15	29.75	29.6	67	762	0	11:57:49	08-Aug-2013
16	33.19	30.5	65	762	0	12:12:49	08-Aug-2013
17	33.43	31.4	62	762	0	12:27:49	08-Aug-2013
18	32.7	32.2	60	762	0	12:42:49	08-Aug-2013
19	33.19	32.7	59	762	0	12:57:49	08-Aug-2013
20	32.02	32.9	59	762	0	13:12:49	08-Aug-2013
21	28.23	32.9	59	762	0	13:27:49	08-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/12/2013

Downwind	
Time	Concentration [ug/m3]
08:21:46	17.36
08:36:46	15.07
08:51:46	12.96
09:06:46	13.99
09:21:46	11.61
09:36:46	11.43
09:51:46	8.63
10:06:46	8.92
10:21:46	9.37
10:36:46	9.86
10:51:46	9.3
11:06:46	10.32
11:21:46	17.09
11:36:46	35.32
11:51:46	10.72
12:06:46	10.5
12:21:46	11.24
12:36:46	13.12
12:51:46	12.79
13:06:46	13.32
13:21:46	13.06
13:36:46	16.1
13:51:46	17.23
14:06:46	17.72
14:21:46	17.92

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	6	
Start Time	00806:46	
Start Date	12-Aug-2013	
Log Period	00:15:00	
Number	25	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT	C	
RH CORREC	"DISABLED"	
Max Disp	386.715431	
Max Disp @	08:06:47 12-Aug-2013	
Max STEL	35.627942	
Max STEL @	11:40:36 12-Aug-2013	
Avg point	13.797309	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	17.36	25.1	69	762	1	08:21:46	12-Aug-2013
2	15.07	25.5	67	762	0	08:36:46	12-Aug-2013
3	12.96	25.7	64	762	0	08:51:46	12-Aug-2013
4	13.99	25.8	63	762	0	09:06:46	12-Aug-2013
5	11.61	25.8	62	762	0	09:21:46	12-Aug-2013
6	11.43	25.5	60	762	0	09:36:46	12-Aug-2013
7	8.63	25.2	57	762	0	09:51:46	12-Aug-2013
8	8.92	25.1	58	762	0	10:06:46	12-Aug-2013
9	9.37	25.2	57	762	0	10:21:46	12-Aug-2013
10	9.86	25.5	57	762	0	10:36:46	12-Aug-2013
11	9.3	25.8	58	762	0	10:51:46	12-Aug-2013
12	10.32	26.3	57	762	0	11:06:46	12-Aug-2013
13	17.09	26.7	56	762	0	11:21:46	12-Aug-2013
14	35.32	27	56	762	0	11:36:46	12-Aug-2013
15	10.72	27.5	54	762	0	11:51:46	12-Aug-2013
16	10.5	28.1	52	762	0	12:06:46	12-Aug-2013
17	11.24	28.7	52	762	0	12:21:46	12-Aug-2013
18	13.12	29.4	51	762	0	12:36:46	12-Aug-2013
19	12.79	30.6	47	762	0	12:51:46	12-Aug-2013
20	13.32	32	46	762	0	13:06:46	12-Aug-2013
21	13.06	33.2	43	760	0	13:21:46	12-Aug-2013
22	16.1	34.2	40	760	0	13:36:46	12-Aug-2013
23	17.23	35.7	38	760	0	13:51:46	12-Aug-2013
24	17.72	37.4	35	760	0	14:06:46	12-Aug-2013
25	17.92	38.1	34	760	0	14:21:46	12-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/14/2013

Downwind	
Time	Concentration [ug/m3]
08:20:40	8.37
08:35:40	7.06
08:50:40	86.18
09:05:40	6.87
09:20:40	10.04
09:35:40	6.8
09:50:40	7.97
10:05:40	7.57
10:20:40	6.45
10:35:40	11.19
10:50:40	8.05
11:05:40	7.25
11:20:40	7.88
11:35:40	14.48
11:50:40	6.29
12:05:40	7.62
12:20:40	7.74
12:35:40	15.61
12:50:40	6.56
13:05:40	6.96
13:20:40	11.1
13:35:40	8.3
13:50:40	10.63
14:05:40	9.99
14:20:40	8.01
14:35:40	38.89

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	7	
Start Time	08:05:40	
Start Date	14-Aug-2013	
Log Period	00:15:00	
Number	26	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT	C	
RH CORREC	"DISABLED"	
Max Disp	851.438904	
Max Disp @	08:40:20 14-Aug-2013	
Max STEL	86.486683	
Max STEL @	08:53:50 14-Aug-2013	
Avg point	12.84026	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	8.37	24.4	42	758	1	08:20:40	14-Aug-2013
2	7.06	25	40	758	0	08:35:40	14-Aug-2013
3	86.18	25.1	39	758	0	08:50:40	14-Aug-2013
4	6.87	25.1	40	758	0	09:05:40	14-Aug-2013
5	10.04	25.1	39	758	0	09:20:40	14-Aug-2013
6	6.8	25.1	39	758	0	09:35:40	14-Aug-2013
7	7.97	25.3	39	758	0	09:50:40	14-Aug-2013
8	7.57	25.5	39	758	0	10:05:40	14-Aug-2013
9	6.45	25.5	39	758	0	10:20:40	14-Aug-2013
10	11.19	25.3	40	758	0	10:35:40	14-Aug-2013
11	8.05	25	41	758	0	10:50:40	14-Aug-2013
12	7.25	24.6	43	758	0	11:05:40	14-Aug-2013
13	7.88	24.6	44	758	0	11:20:40	14-Aug-2013
14	14.48	24.7	43	758	0	11:35:40	14-Aug-2013
15	6.29	24.8	43	758	0	11:50:40	14-Aug-2013
16	7.62	25.1	41	758	0	12:05:40	14-Aug-2013
17	7.74	26	41	758	0	12:20:40	14-Aug-2013
18	15.61	28.1	38	758	0	12:35:40	14-Aug-2013
19	6.56	29.8	36	758	0	12:50:40	14-Aug-2013
20	6.96	30	36	758	0	13:05:40	14-Aug-2013
21	11.1	30.2	36	758	0	13:20:40	14-Aug-2013
22	8.3	30.9	35	758	0	13:35:40	14-Aug-2013
23	10.63	31.3	35	758	0	13:50:40	14-Aug-2013
24	9.99	31.3	34	758	0	14:05:40	14-Aug-2013
25	8.01	31.2	34	758	0	14:20:40	14-Aug-2013
26	38.89	30.4	35	758	0	14:35:40	14-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/14/2013

Downwind	
Time	Concentration [ug/m3]
09:38:45	13.01
09:53:45	10.54
10:08:45	7.69
10:23:45	8.31
10:38:45	7.26
10:53:45	9.8
11:08:45	7.91
11:23:45	6.96
11:38:45	9.55
11:53:45	10.86
12:08:45	6.58
12:23:45	8.16
12:38:45	7.25
12:53:45	8.77
13:08:45	9.82
13:23:45	9.93
13:38:45	13.17
13:53:45	8.36
14:08:45	11.6
14:23:45	10.8
14:38:45	10.37
14:53:45	13.12

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	8	
Start Time	09:23:45	
Start Date	15-Aug-2013	
Log Period	00:15:00	
Number	22	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	219.51077	
Max Disp @	09:23:46 01-Jan-2166	
Max STEL	14.358518	
Max STEL @	14:47:35 01-Jan-2166	
Avg point	9.537468	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	13.01	25.4	46	764	1	09:38:45	15-Aug-2013
2	10.54	25.5	45	764	0	09:53:45	15-Aug-2013
3	7.69	25.9	43	764	0	10:08:45	15-Aug-2013
4	8.31	26.2	40	764	0	10:23:45	15-Aug-2013
5	7.26	26.5	39	764	0	10:38:45	15-Aug-2013
6	9.8	26.8	39	764	0	10:53:45	15-Aug-2013
7	7.91	27.2	37	764	0	11:08:45	15-Aug-2013
8	6.96	27.5	35	764	0	11:23:45	15-Aug-2013
9	9.55	27.9	35	764	0	11:38:45	15-Aug-2013
10	10.86	28.1	35	764	0	11:53:45	15-Aug-2013
11	6.58	28.2	33	764	0	12:08:45	15-Aug-2013
12	8.16	28.2	32	764	0	12:23:45	15-Aug-2013
13	7.25	28.2	32	764	0	12:38:45	15-Aug-2013
14	8.77	28.3	33	764	0	12:53:45	15-Aug-2013
15	9.82	28.5	33	764	0	13:08:45	15-Aug-2013
16	9.93	28.8	33	764	0	13:23:45	15-Aug-2013
17	13.17	29.8	32	764	0	13:38:45	15-Aug-2013
18	8.36	32.1	28	764	0	13:53:45	15-Aug-2013
19	11.6	34.8	26	764	0	14:08:45	15-Aug-2013
20	10.8	37	25	764	0	14:23:45	15-Aug-2013
21	10.37	38.9	23	764	0	14:38:45	15-Aug-2013
22	13.12	40.2	22	762	0	14:53:45	15-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/16/2013

Downwind	
Time	Concentration [ug/m3]
08:38:54	12.71
08:53:54	13.39
09:08:54	12.11
09:23:54	13.27
09:38:54	12.26
09:53:54	9.13
10:08:54	9.49
10:23:54	14.28
10:38:54	9.42
10:53:54	17.19
11:08:54	12.4
11:23:54	6.18
11:38:54	5.33
11:53:54	5.5
12:08:54	18.61
12:23:54	9.79
12:38:54	6.01
12:53:54	13.52
13:08:54	9.98
13:23:54	15.72
13:38:54	10.06
13:53:54	9.48
14:08:54	10.91
14:23:54	8.77
14:38:54	12.81

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	9	
Start Time	08:23:54	
Start Date	16-Aug-2013	
Log Period	00:15:00	
Number	25	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT	C	
RH CORREC	"DISABLED"	
Max Disp	164.961505	
Max Disp @	11:56:45	16-Aug-2013
Max STEL	23.571134	
Max STEL @	11:04:14	16-Aug-2013
Avg point	11.133244	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	12.71	25.3	47	766	1	08:38:54	16-Aug-2013
2	13.39	26.1	48	766	0	08:53:54	16-Aug-2013
3	12.11	26.6	46	766	0	09:08:54	16-Aug-2013
4	13.27	26.9	45	766	0	09:23:54	16-Aug-2013
5	12.26	27.2	43	766	0	09:38:54	16-Aug-2013
6	9.13	27.4	40	766	0	09:53:54	16-Aug-2013
7	9.49	27.6	38	766	0	10:08:54	16-Aug-2013
8	14.28	28	37	766	0	10:23:54	16-Aug-2013
9	9.42	28.5	37	766	0	10:38:54	16-Aug-2013
10	17.19	29	36	766	0	10:53:54	16-Aug-2013
11	12.4	29.6	34	766	0	11:08:54	16-Aug-2013
12	6.18	29.7	33	766	0	11:23:54	16-Aug-2013
13	5.33	29.4	33	766	0	11:38:54	16-Aug-2013
14	5.5	29	34	766	0	11:53:54	16-Aug-2013
15	18.61	28.8	34	766	0	12:08:54	16-Aug-2013
16	9.79	28.7	35	766	0	12:23:54	16-Aug-2013
17	6.01	28.5	34	766	0	12:38:54	16-Aug-2013
18	13.52	28.5	36	766	0	12:53:54	16-Aug-2013
19	9.98	28.7	35	766	0	13:08:54	16-Aug-2013
20	15.72	29.2	35	766	0	13:23:54	16-Aug-2013
21	10.06	30.3	34	766	0	13:38:54	16-Aug-2013
22	9.48	32.7	30	766	0	13:53:54	16-Aug-2013
23	10.91	35.5	26	764	0	14:08:54	16-Aug-2013
24	8.77	37.9	25	764	0	14:23:54	16-Aug-2013
25	12.81	39.1	24	764	0	14:38:54	16-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/19/2013

Downwind	
Time	Concentration [ug/m3]
08:39:17	28.35
08:54:17	45.69
09:09:17	34.47
09:24:17	26.15
09:39:17	26.78
09:54:17	33.12
10:09:17	30.14
10:24:17	25.98
10:39:17	21.16
10:54:17	21.33
11:09:17	27.49
11:24:17	20.55
11:39:17	24.82
11:54:17	18.1
12:09:17	15.96
12:24:17	18.4
12:39:17	31.91
12:54:17	17.4
13:09:17	18.72

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	10	
Start Time	08:24:17	
Start Date	19-Aug-2013	
Log Period	00:15:00	
Number	19	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	241.417956	
Max Disp @	08:42:18 19-Aug-2013	
Max STEL	45.719166	
Max STEL @	08:53:37 19-Aug-2013	
Avg point	25.605974	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	28.35	22.7	66	764	1	08:39:17	19-Aug-2013
2	45.69	23.7	64	764	0	08:54:17	19-Aug-2013
3	34.47	24.4	63	764	0	09:09:17	19-Aug-2013
4	26.15	25.1	61	764	0	09:24:17	19-Aug-2013
5	26.78	25.8	59	764	0	09:39:17	19-Aug-2013
6	33.12	26.4	56	764	0	09:54:17	19-Aug-2013
7	30.14	27.2	54	764	0	10:09:17	19-Aug-2013
8	25.98	27.8	50	764	0	10:24:17	19-Aug-2013
9	21.16	28.5	49	764	0	10:39:17	19-Aug-2013
10	21.33	29.3	49	764	0	10:54:17	19-Aug-2013
11	27.49	30.2	46	764	0	11:09:17	19-Aug-2013
12	20.55	30.9	45	764	0	11:24:17	19-Aug-2013
13	24.82	31.5	44	764	0	11:39:17	19-Aug-2013
14	18.1	32.1	42	764	0	11:54:17	19-Aug-2013
15	15.96	32.6	41	764	0	12:09:17	19-Aug-2013
16	18.4	33.1	40	764	0	12:24:17	19-Aug-2013
17	31.91	33.6	39	762	0	12:39:17	19-Aug-2013
18	17.4	34	39	762	0	12:54:17	19-Aug-2013
19	18.72	34.3	38	762	0	13:09:17	19-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/20/2013

Downwind	
Time	Concentration [ug/m3]
08:37:02	20.33
08:52:02	21.57
09:07:02	19.58
09:22:02	18.67
09:37:02	19.41
09:52:02	17.41
10:07:02	16.5
10:22:02	18.93
10:37:02	18.34
10:52:02	16.98
11:07:02	17.03
11:22:02	19.62
11:37:02	19.29
11:52:02	17.6
12:07:02	16.29
12:22:02	69.53
12:37:02	17.49
12:52:02	19
13:07:02	19.48
13:22:02	15.38
13:37:02	21.61
13:52:02	15.98
14:07:02	15.25
14:22:02	13.5
14:37:02	21.19
14:52:02	18.07
15:07:02	16.6
15:22:02	21.85

>"Model N	"PDR-1500"	1.33
Serial no.	"1033538898"	
Tag Numbe	11	
Start Time	08:22:02	
Start Date	20-Aug-2013	
Log Period	00:15:00	
Number	28	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	528.392887	
Max Disp @	12:16:16 20-Aug-2013	
Max STEL	70.424333	
Max STEL @	12:24:52 20-Aug-2013	
Avg point	20.089259	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.187999	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPressu	Flags		
1	20.33	27.3	57	764	2	08:37:02	20-Aug-2013
2	21.57	27.9	57	764	0	08:52:02	20-Aug-2013
3	19.58	28.4	54	764	0	09:07:02	20-Aug-2013
4	18.67	28.9	53	764	0	09:22:02	20-Aug-2013
5	19.41	29.3	53	764	0	09:37:02	20-Aug-2013
6	17.41	29.9	52	764	0	09:52:02	20-Aug-2013
7	16.5	30.5	51	764	0	10:07:02	20-Aug-2013
8	18.93	31.1	50	764	0	10:22:02	20-Aug-2013
9	18.34	31.8	48	764	0	10:37:02	20-Aug-2013
10	16.98	32.5	46	764	0	10:52:02	20-Aug-2013
11	17.03	32.9	45	764	10	11:07:02	20-Aug-2013
12	19.62	33	44	764	0	11:22:02	20-Aug-2013
13	19.29	33	43	764	0	11:37:02	20-Aug-2013
14	17.6	33	43	764	0	11:52:02	20-Aug-2013
15	16.29	33	43	764	0	12:07:02	20-Aug-2013
16	69.53	33.1	43	764	0	12:22:02	20-Aug-2013
17	17.49	33.4	42	764	0	12:37:02	20-Aug-2013
18	19	33.8	41	764	0	12:52:02	20-Aug-2013
19	19.48	34.4	40	764	0	13:07:02	20-Aug-2013
20	15.38	36	36	764	0	13:22:02	20-Aug-2013
21	21.61	37.9	34	764	0	13:37:02	20-Aug-2013
22	15.98	39.8	32	764	0	13:52:02	20-Aug-2013
23	15.25	41.5	30	764	0	14:07:02	20-Aug-2013
24	13.5	42.6	29	764	0	14:22:02	20-Aug-2013
25	21.19	42.5	28	764	0	14:37:02	20-Aug-2013
26	18.07	42.5	28	764	0	14:52:02	20-Aug-2013
27	16.6	42.6	27	764	0	15:07:02	20-Aug-2013
28	21.85	42.2	28	764	0	15:22:02	20-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/21/2013

Downwind	
Time	Concentration [ug/m3]
08:59:16	54.98
09:14:16	19.32
09:29:16	20.25
09:44:16	23.2
09:59:16	19.94
10:14:16	20.9
10:29:16	19.12
10:44:16	20.87
10:59:16	36.65
11:14:16	51.11
11:29:16	48.13
11:44:16	41.14
11:59:16	22.9
12:14:16	20.92
12:29:16	21.73
12:44:16	27.1
12:59:16	26.13

>"Model N	"PDR-150(	1.33
Serial no.	"1033538898"	
Tag Numbe	12	
Start Time	08:44:16	
Start Date	21-Aug-2013	
Log Period	00:15:00	
Number	17	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	258.5498	
Max Disp @	08:55:12	21-Aug-2013
Max STEL	63.45151	
Max STEL @	11:20:16	21-Aug-2013
Avg point	29.08325	
ALARM	"INSTANT "	
ALARM_LE'	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.188	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	54.98	33.3	41	766	1	08:59:16	21-Aug-2013
2	19.32	33.9	39	766	0	09:14:16	21-Aug-2013
3	20.25	34.4	38	766	0	09:29:16	21-Aug-2013
4	23.2	34.7	37	766	0	09:44:16	21-Aug-2013
5	19.94	35.1	36	766	0	09:59:16	21-Aug-2013
6	20.9	35.4	35	766	0	10:14:16	21-Aug-2013
7	19.12	35.6	32	766	0	10:29:16	21-Aug-2013
8	20.87	35.8	33	766	0	10:44:16	21-Aug-2013
9	36.65	36.4	34	766	0	10:59:16	21-Aug-2013
10	51.11	38.1	33	764	0	11:14:16	21-Aug-2013
11	48.13	40.5	30	764	0	11:29:16	21-Aug-2013
12	41.14	42.8	28	764	1	11:44:16	21-Aug-2013
13	22.9	44.8	25	764	0	11:59:16	21-Aug-2013
14	20.92	46.4	24	764	0	12:14:16	21-Aug-2013
15	21.73	47.6	22	764	0	12:29:16	21-Aug-2013
16	27.1	48.6	22	764	0	12:44:16	21-Aug-2013
17	26.13	49.2	21	764	0	12:59:16	21-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/22/2013

Downwind	
Time	Concentration [ug/m3]
12:04:54	13.77
12:19:54	12.83
12:34:54	14.83
12:49:54	11.07
13:04:54	9.42
13:19:54	10.62

>"Model N	"PDR-150(	1.33
Serial no.	"1033538898"	
Tag Numbe	13	
Start Time	11:49:54	
Start Date	22-Aug-2113	
Log Period	00:15:00	
Number	6	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	31.58529	
Max Disp @	12:17:10 22-Aug-2113	
Max STEL	16.25805	
Max STEL @	12:31:24 22-Aug-2113	
Avg point	12.09132	
ALARM	"INSTANT "	
ALARM_LE'	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.188	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	13.77	27.4	70	762	1	12:04:54	22-Aug-2113
2	12.83	28.2	69	762	0	12:19:54	22-Aug-2113
3	14.83	28.9	67	762	0	12:34:54	22-Aug-2113
4	11.07	29.6	65	762	0	12:49:54	22-Aug-2113
5	9.42	30.3	61	762	0	13:04:54	22-Aug-2113
6	10.62	30.8	60	762	0	13:19:54	22-Aug-2113

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/23/2013

Downwind	
Time	Concentration [ug/m3]
08:58:54	20
09:13:54	18.26
09:28:54	16.58
09:43:54	12.74
09:58:54	15.24
10:13:54	14.06
10:28:54	14.45
10:43:54	21.28
10:58:54	12.72
11:13:54	13.26
11:28:54	12.83
11:43:54	8.77
11:58:54	10.26
12:13:54	11.82
12:28:54	19.38
12:43:54	10.63
12:58:54	9.92
13:13:54	7.62
13:28:54	8.48
13:43:54	9.27
13:58:54	32.98
14:13:54	9.33
14:28:54	10.76
14:43:54	8.54
14:58:54	8.64

>"Model N	"PDR-150(	1.33
Serial no.	"1033538898"	
Tag Numbe	14	
Start Time	08:43:54	
Start Date	23-Aug-2013	
Log Period	00:15:00	
Number	25	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT	C	
RH CORREC	"DISABLED"	
Max Disp	186.6937	
Max Disp @	13:44:57	23-Aug-2013
Max STEL	33.06956	
Max STEL @	13:58:04	23-Aug-2013
Avg point	13.51397	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.188	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	20	25.7	62	760	1	08:58:54	23-Aug-2013
2	18.26	26.1	60	762	0	09:13:54	23-Aug-2013
3	16.58	26.5	57	762	0	09:28:54	23-Aug-2013
4	12.74	26.8	52	762	0	09:43:54	23-Aug-2013
5	15.24	26.9	52	762	0	09:58:54	23-Aug-2013
6	14.06	27.1	49	762	0	10:13:54	23-Aug-2013
7	14.45	27.5	47	762	0	10:28:54	23-Aug-2013
8	21.28	27.7	45	762	0	10:43:54	23-Aug-2013
9	12.72	28	42	762	0	10:58:54	23-Aug-2013
10	13.26	28.3	42	762	0	11:13:54	23-Aug-2013
11	12.83	28.5	40	762	0	11:28:54	23-Aug-2013
12	8.77	28.8	41	760	0	11:43:54	23-Aug-2013
13	10.26	29	38	760	0	11:58:54	23-Aug-2013
14	11.82	29.3	40	760	0	12:13:54	23-Aug-2013
15	19.38	29.7	39	762	0	12:28:54	23-Aug-2013
16	10.63	30.1	36	762	0	12:43:54	23-Aug-2013
17	9.92	30.3	36	762	0	12:58:54	23-Aug-2013
18	7.62	30.7	35	762	0	13:13:54	23-Aug-2013
19	8.48	31.6	34	762	0	13:28:54	23-Aug-2013
20	9.27	32.7	34	762	0	13:43:54	23-Aug-2013
21	32.98	33.7	33	762	0	13:58:54	23-Aug-2013
22	9.33	34.1	31	762	0	14:13:54	23-Aug-2013
23	10.76	34.2	32	762	0	14:28:54	23-Aug-2013
24	8.54	34.2	32	762	0	14:43:54	23-Aug-2013
25	8.64	33.9	34	762	0	14:58:54	23-Aug-2013

Roux Associates
Community Air Monitoring Program - DUST

Project: 125th Street Equities, LLC
PM: Wendy Monterosso
Location: 81 East 125th Street, New York, NY
Date: 8/26/2013

Downwind	
Time	Concentration [ug/m3]
08:24:53	19.62
08:39:53	15.39
08:54:53	15.43
09:09:53	17.36
09:24:53	16.91
09:39:53	15.95
09:54:53	14.43
10:09:53	13.51
10:24:53	14.87
10:39:53	17.63
10:54:53	19.85
11:09:53	18.99
11:24:53	16.51
11:39:53	18.64
11:54:53	22.94
12:09:53	18.41
12:24:53	42.52
12:39:53	16.42
12:54:53	18.15
13:09:53	21.59
13:24:53	20.82
13:39:53	25.46
13:54:53	21.36
14:09:53	20.94
14:24:53	22.47
14:39:53	23.29
14:54:53	26.96

>"Model N	"PDR-150(	1.33
Serial no.	"1033538898"	
Tag Numbe	15	
Start Time	08:09:53	
Start Date	26-Aug-2013	
Log Period	00:15:00	
Number	27	
CalFactor	1	
Unit	0	
Unit Name	"ug/m3"	
TEMPUNIT:	C	
RH CORREC	"DISABLED"	
Max Disp	179.6837	
Max Disp @	12:13:15	26-Aug-2013
Max STEL	42.9736	
Max STEL @	12:21:43	26-Aug-2013
Avg point	19.86726	
ALARM	"INSTANT "	
ALARM_LE	0.1	
Errors	0	
Inlet Type	"RED CYCLONE "	
FlowRate	1	
50% AED	12.188	
Site Name	"Factory default"	

record	"ug/m3"	Temp	RHumidity	AtmoPress	Flags		
1	19.62	21.3	61	766	1	08:24:53	26-Aug-2013
2	15.39	21.9	60	766	0	08:39:53	26-Aug-2013
3	15.43	22.5	59	766	0	08:54:53	26-Aug-2013
4	17.36	23	58	766	0	09:09:53	26-Aug-2013
5	16.91	23.6	57	766	0	09:24:53	26-Aug-2013
6	15.95	24.2	56	764	0	09:39:53	26-Aug-2013
7	14.43	24.8	55	764	0	09:54:53	26-Aug-2013
8	13.51	25.4	54	764	0	10:09:53	26-Aug-2013
9	14.87	26.3	53	764	0	10:24:53	26-Aug-2013
10	17.63	27.3	50	764	0	10:39:53	26-Aug-2013
11	19.85	28.1	49	764	0	10:54:53	26-Aug-2013
12	18.99	28.6	49	764	0	11:09:53	26-Aug-2013
13	16.51	29	48	764	0	11:24:53	26-Aug-2013
14	18.64	29.6	48	764	0	11:39:53	26-Aug-2013
15	22.94	30.2	47	764	0	11:54:53	26-Aug-2013
16	18.41	30.8	46	764	0	12:09:53	26-Aug-2013
17	42.52	31.4	45	764	0	12:24:53	26-Aug-2013
18	16.42	31.8	45	764	0	12:39:53	26-Aug-2013
19	18.15	32.3	45	762	0	12:54:53	26-Aug-2013
20	21.59	33	44	762	0	13:09:53	26-Aug-2013
21	20.82	33.5	43	762	0	13:24:53	26-Aug-2013
22	25.46	34.5	40	762	0	13:39:53	26-Aug-2013
23	21.36	36	38	762	0	13:54:53	26-Aug-2013
24	20.94	37	37	762	0	14:09:53	26-Aug-2013
25	22.47	37.6	36	762	0	14:24:53	26-Aug-2013
26	23.29	38.3	35	762	0	14:39:53	26-Aug-2013
27	26.96	38.7	35	762	0	14:54:53	26-Aug-2013

APPENDIX B

Daily Field Activity Reports

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85	X	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-05-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Removal of Over Hung Wall

Excavation and sampling at the hot spots SB1 thru SB5.

Soil was not removed from the site today.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted.

Problems Encountered:

No problems were encountered.

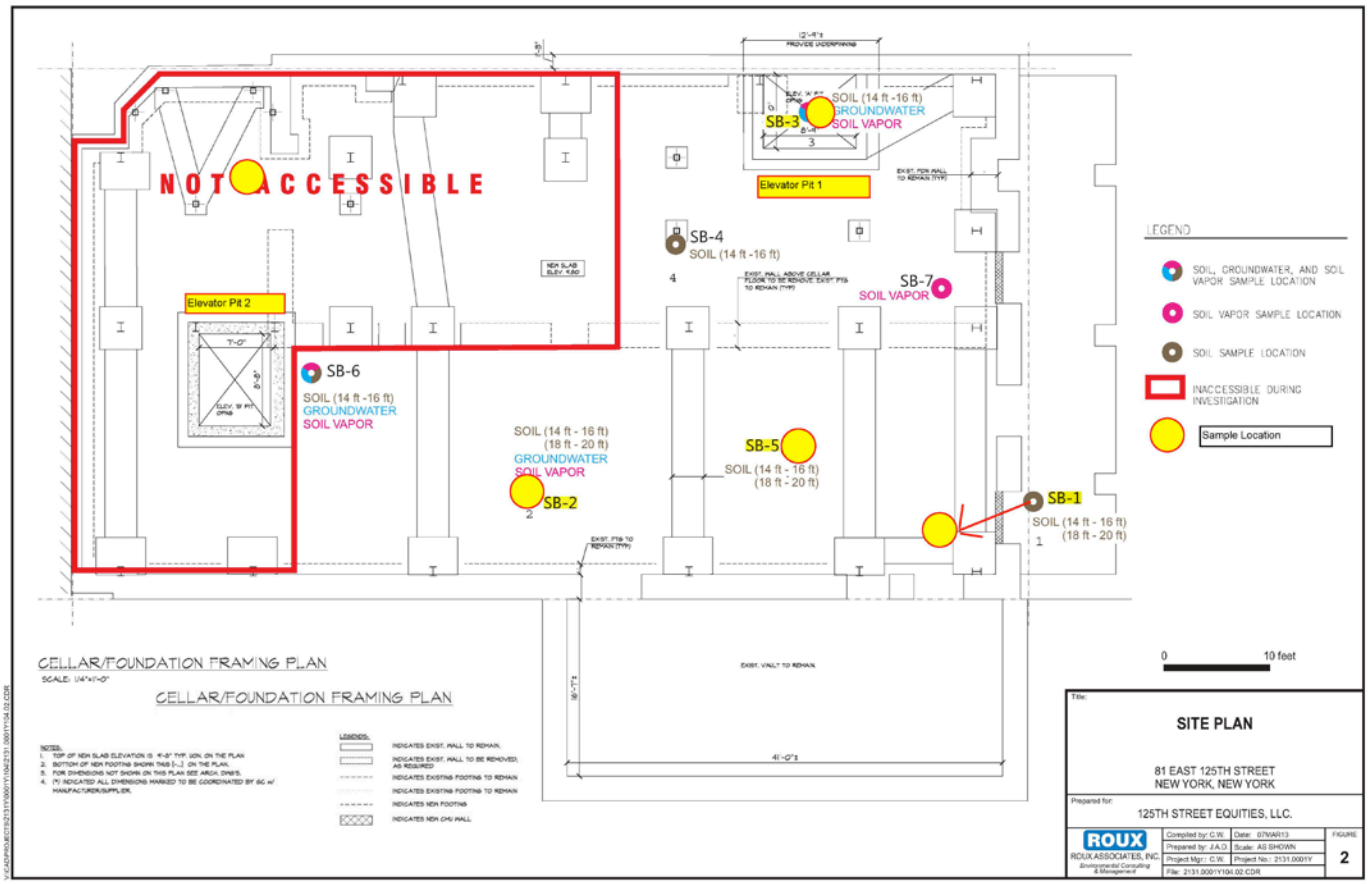
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
Totals (trucks, cu.yds.)		

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavation at elevator pit 1	
Photo 2 – Taking Samples at the excavation Hot Spots. By ROUX Consultant (Joe Gavin)	
Photo 3 – Air Monitoring station at the site during excavation.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.	TO 32		32-50		50-70		70-85		>85	x

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-06-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Excavation at location of SB-1 and SB-5.

Allstate Roll off dumpster on site. Soil was loaded to dumpster.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted.

Problems Encountered:

No problems were encountered.

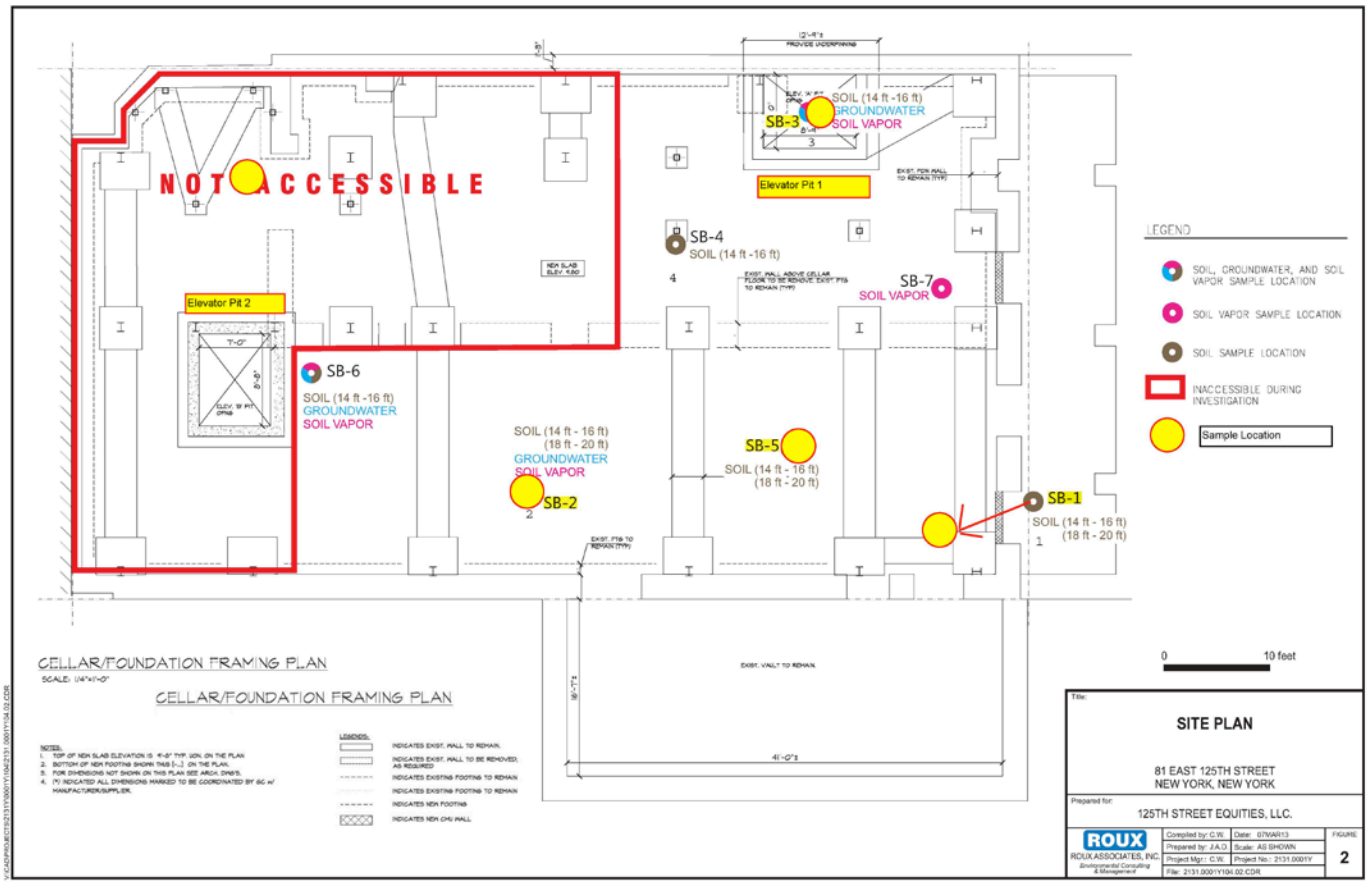
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
Totals (trucks, cu.yds.)		

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavation at SB-1 location.	
Photo 2 – Excavation at SB-5 location.	
Photo 3 – Air Monitoring station at the site during excavation.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-07-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Continue excavation at location of SB-1 and SB-5.

Allstate Roll off dumpster on site. Soil was loaded to dumpster.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted.

Problems Encountered:

No problems were encountered.

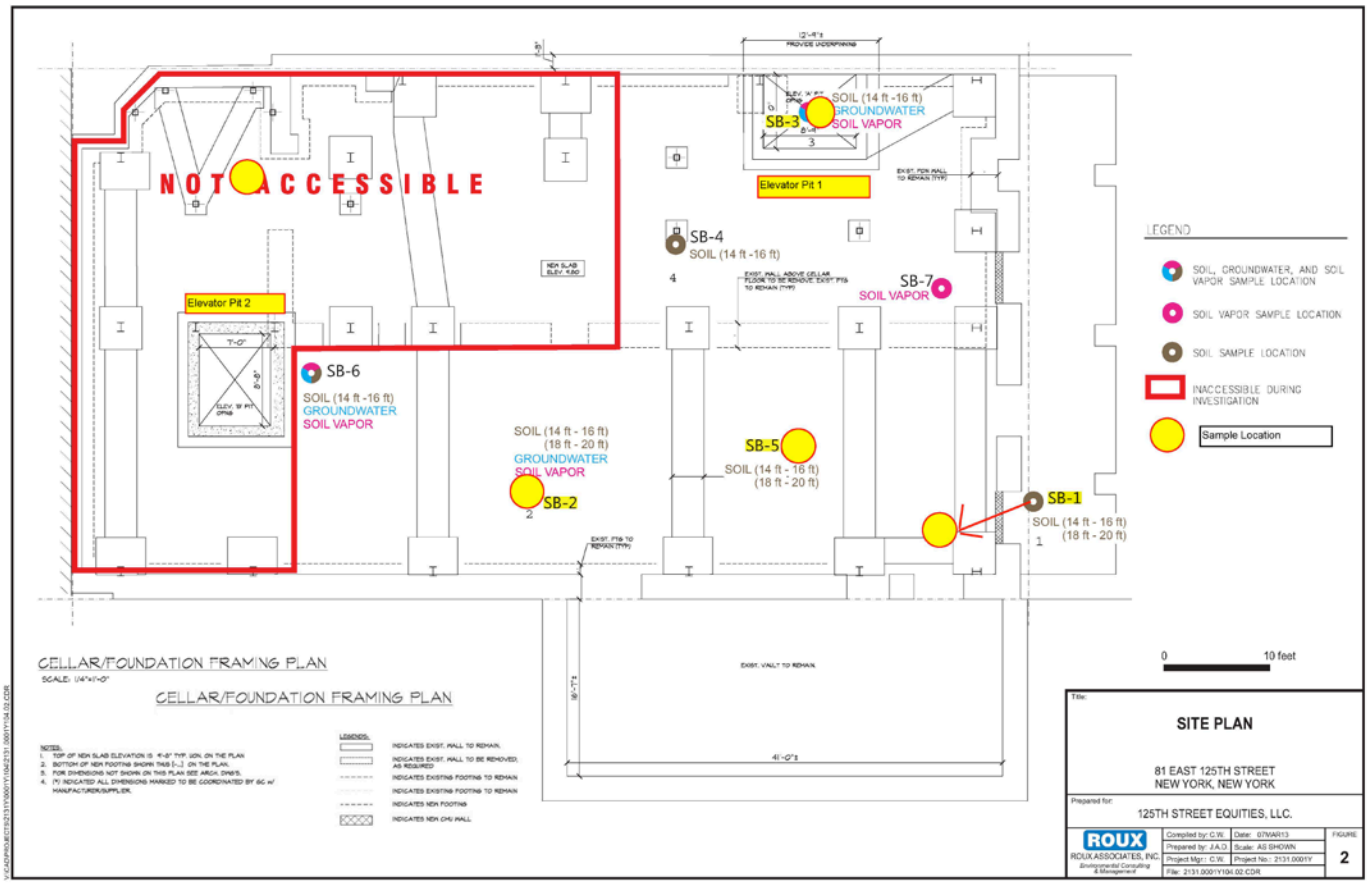
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
Totals (trucks, cu.yds.)		

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavation at SB-1 location.	
Photo 2 – Roll off dumpster for the removed soil.	
Photo 3 – Soil in the container.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-08-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Continue excavation at location of SB-1 and SB-5.

Allstate Switch off dumpster on site. Soil was loaded to new dumpster.

Soil was transport and disposed to Soil Safe in Logan Township, NJ.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted.

Problems Encountered:

No problems were encountered.

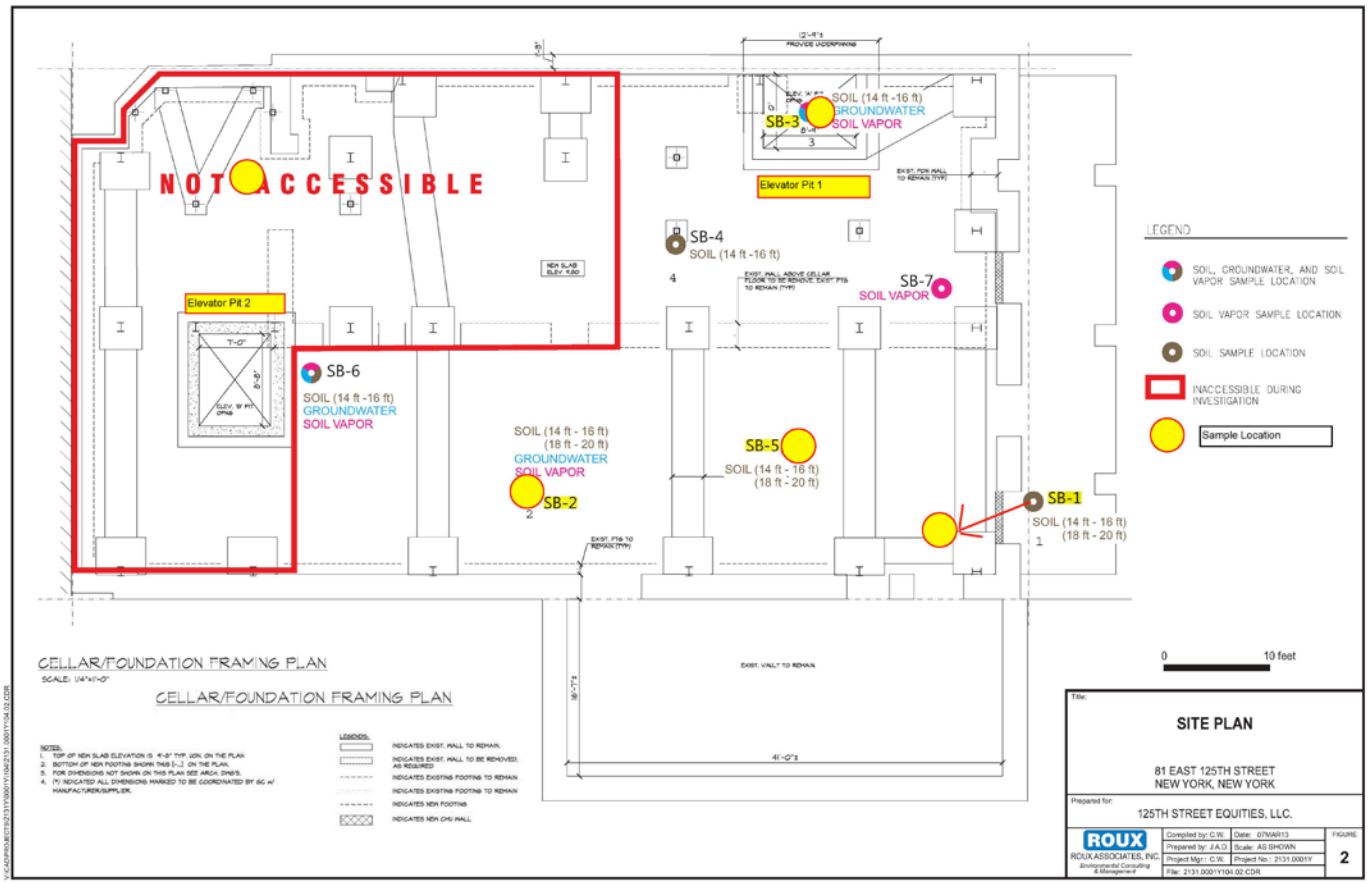
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	1	20

Site Map



 File Name: _____

Photo Log

Photo 1 – Full Dumpster transported to Soil Safe.	
Photo 2 – Excavation at SB-1, SB-5 location.	
Photo 3 – Empty dumpster drop off at the site.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-09-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

No excavation or soil movement was done today.

Concrete slab and footing removal was done at SB-2 and SB-3 locations.

No work is expected through the weekend. Work will resume on Monday.

Working In Site Location: See site Map

Air Monitoring:

No Air monitoring was conducted.

Problems Encountered:

No problems were encountered.

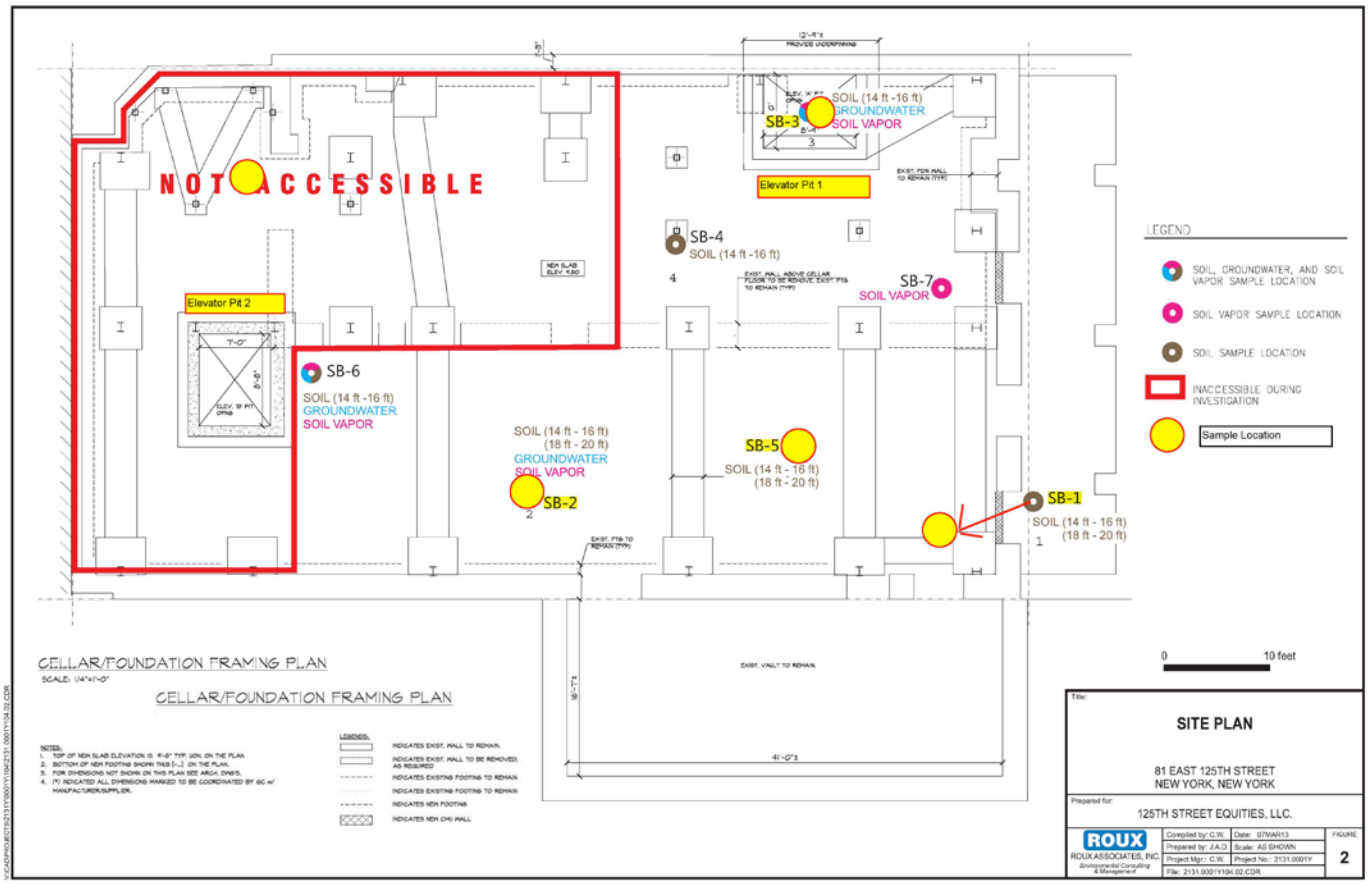
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
Totals (trucks, cu.yds.)		

Site Map



 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy	x	Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-12-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Excavation at locations of SB-2 and SB-6.

Allstate Switch off dumpster on site. Soil was loaded to new dumpster.

Soil was transport and disposed to Soil Safe in Logan Township, NJ.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted.

Problems Encountered:

No problems were encountered.

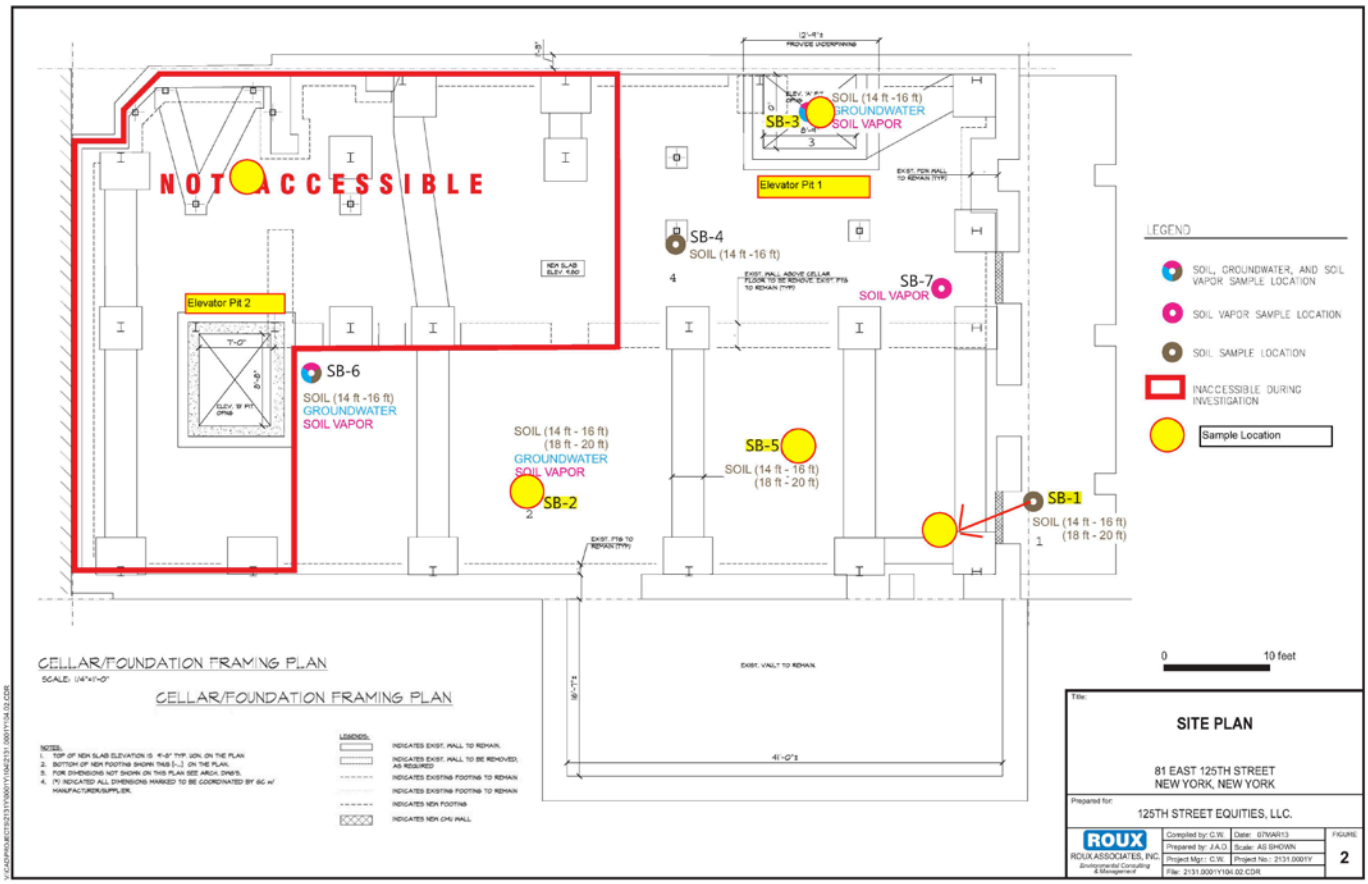
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	1	20

Site Map



 File Name: _____

Photo Log

Photo 1 – Full Dumpster transported to Soil Safe.	
Photo 2 – Excavation at SB-2, SB-6 location.	
Photo 3 – Soil Loaded to Container.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70	x	70-85		>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-13-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate Switch off dumpster on site. No excavation was done today due to heavy rain.

Soil was transport and disposed to Soil Safe in Logan Township, NJ.

No work was done due to heavy rain.

Working In Site Location: See site Map

Air Monitoring:

No Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

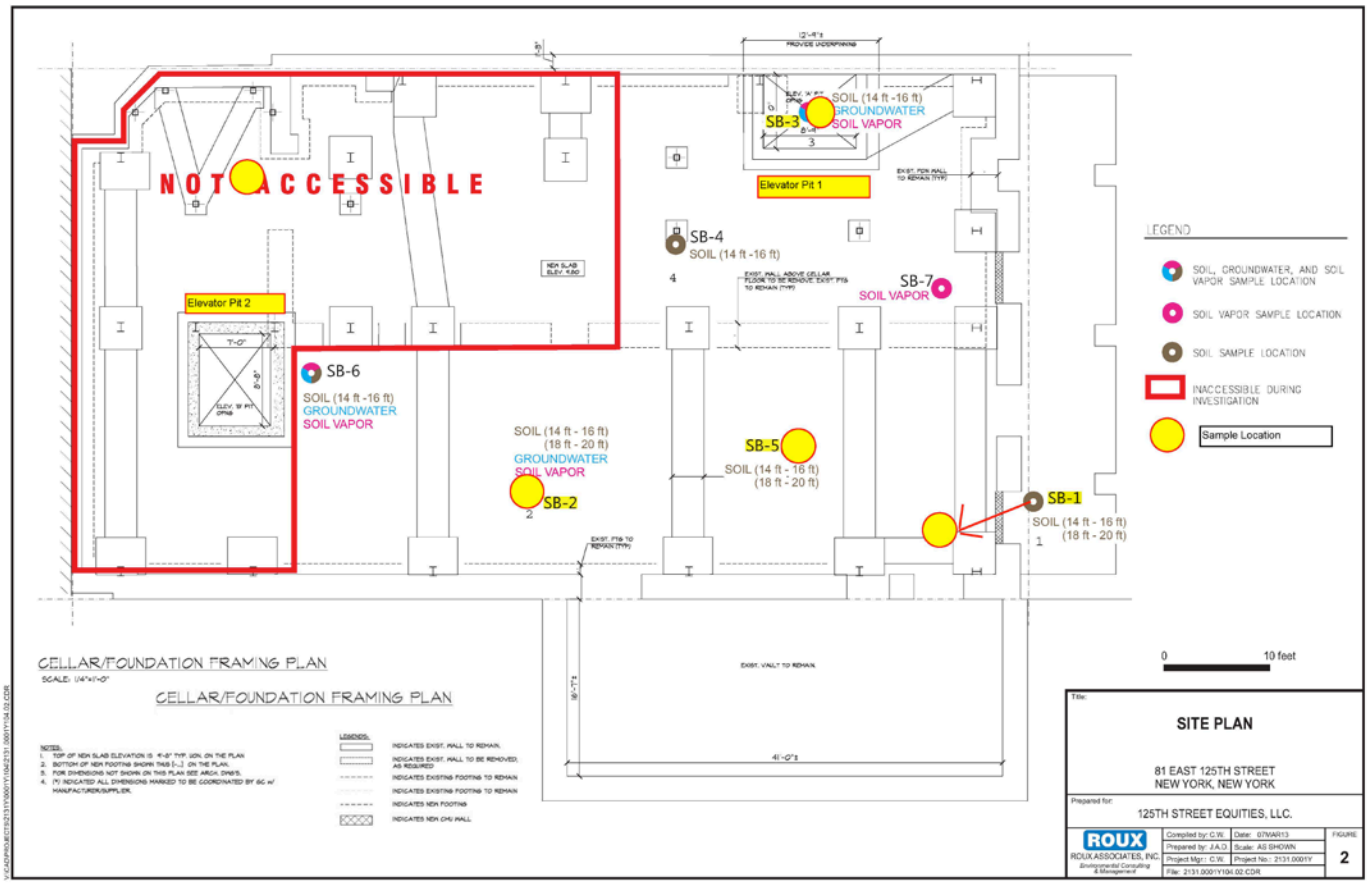
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	1	20

Site Map



 File Name: _____

Photo Log

Photo 1 –	
Photo 2 –	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-14-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate Switch off dumpster on site. Soil was transport and disposed to Soil Safe in Logan Township, NJ.

Excavating at SB-1 & SB-5 spots to take soil samples for additional testing.

Continue excavation at the top left section (see map). Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

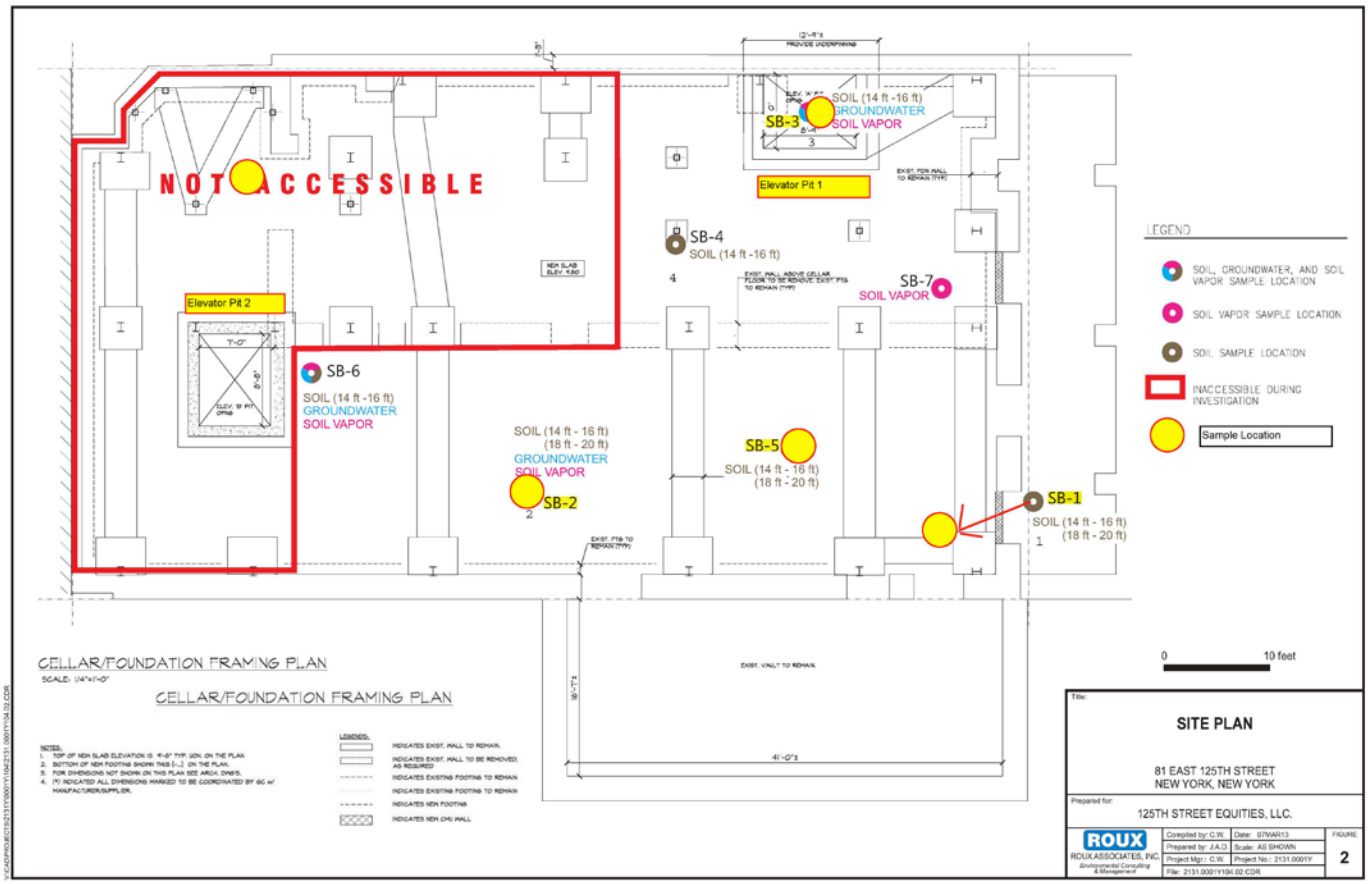
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	3	60

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-1 for soil sampling.	
Photo 2 – Taking soil sample at SB-5.	
Photo 3 – Excavating at top left section of the site.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-15-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate Switch off 2 dumpsters on site. Soil was transport and disposed to Soil Safe in Logan Township, NJ.

Start excavation at SB-3, SB-4 locations (see map).

Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

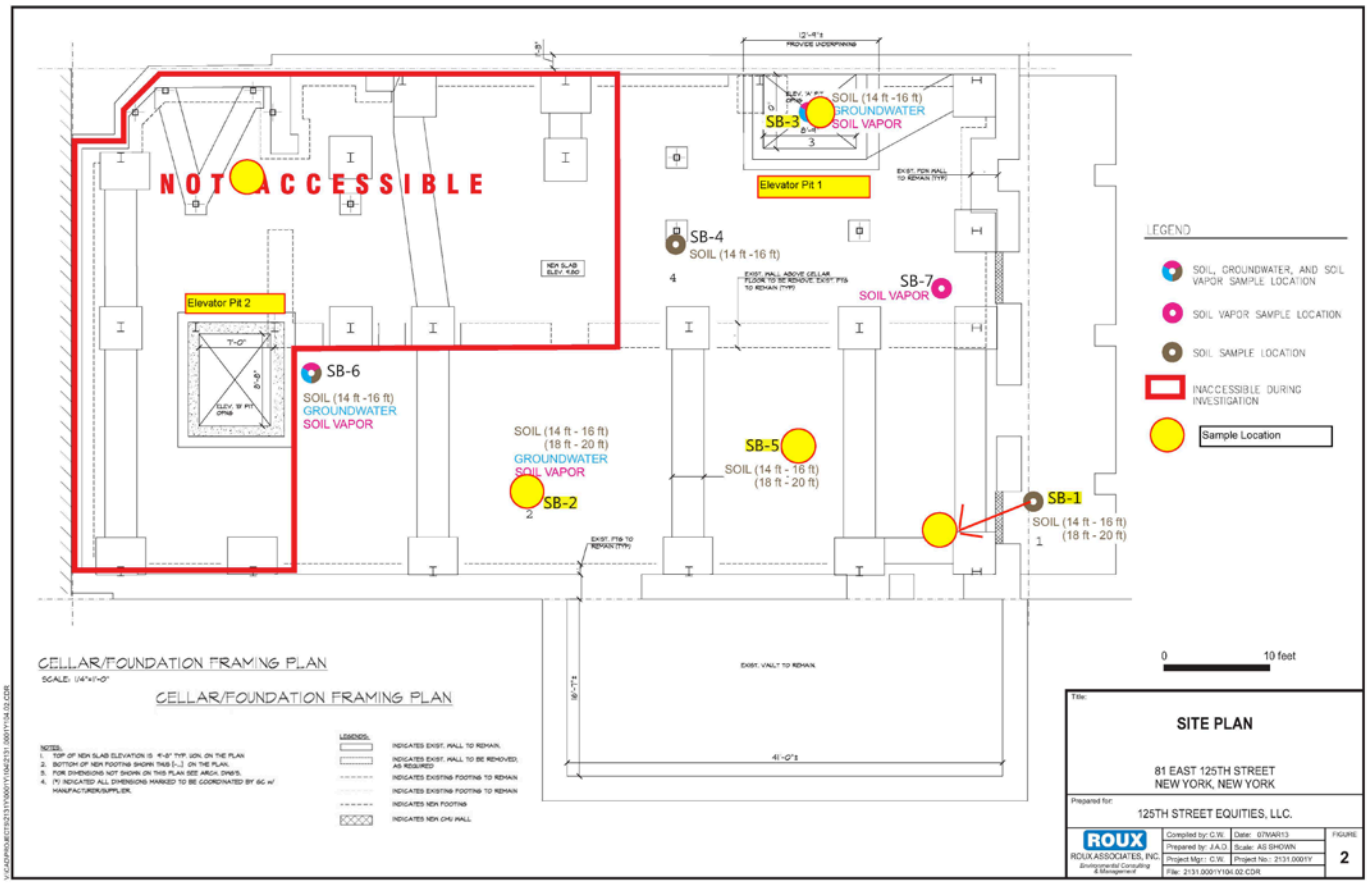
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	5	100

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-3 location.	
Photo 2 – Allstate dumpster switch.	
Photo 3 – Excavating at top left section of the site.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-16-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Continue excavation at SB-3, SB-4 locations (see map).

Soil was removed to Allstate container.

Concrete slab removal at SB-2 location

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

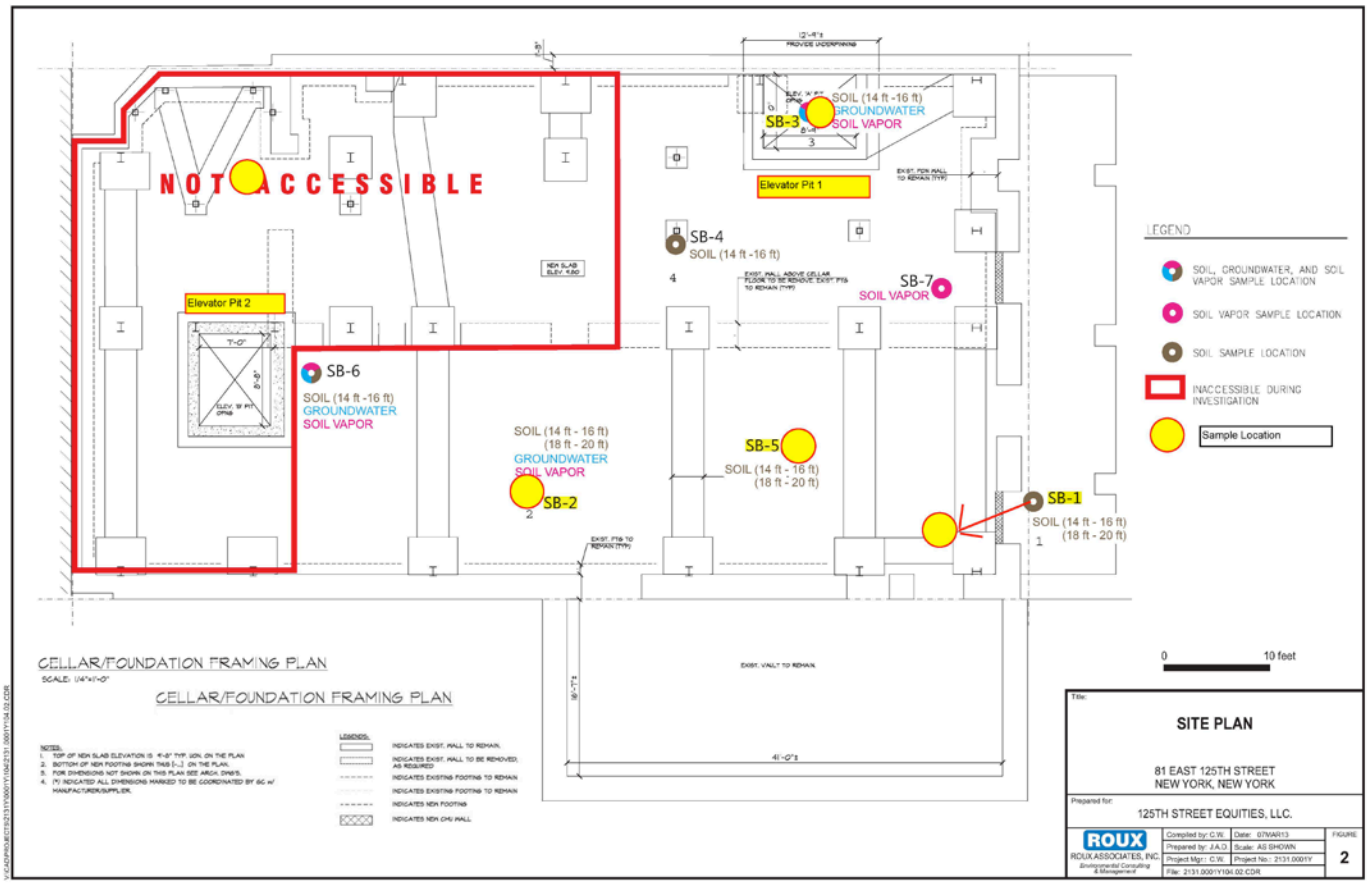
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
Totals (trucks, cu.yds.)	5	100

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-3 location.	
Photo 2 – Allstate dumpster liner and Soil.	
Photo 3 – Concrete slab removal at SB-2 location.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-19-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate switched empty with full container. Soil was transported to Soil Safe in Logan Township.

Continue excavation at SB-2, SB-5 locations (see map).

Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

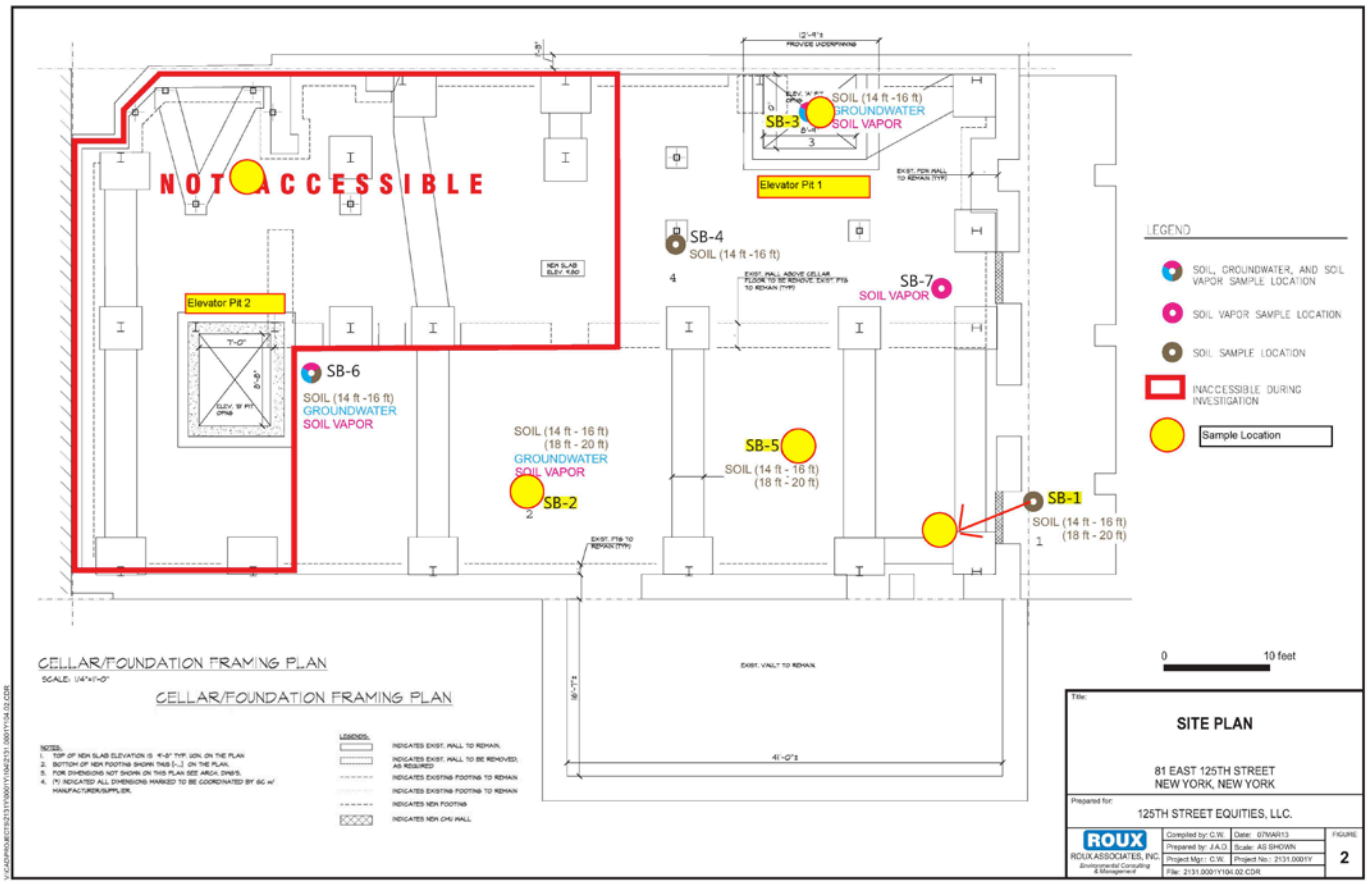
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

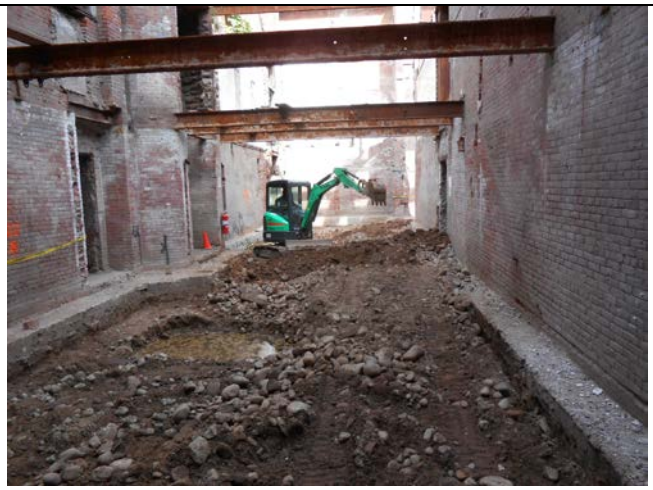
Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	6	120

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-2 location.	
Photo 2 – Water spray as dust mitigation on site.	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-20-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate switched empty with full container. Soil was transported to Soil Safe in Logan Township.

Continue excavation at SB-3, SB-4 locations (see map).

Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

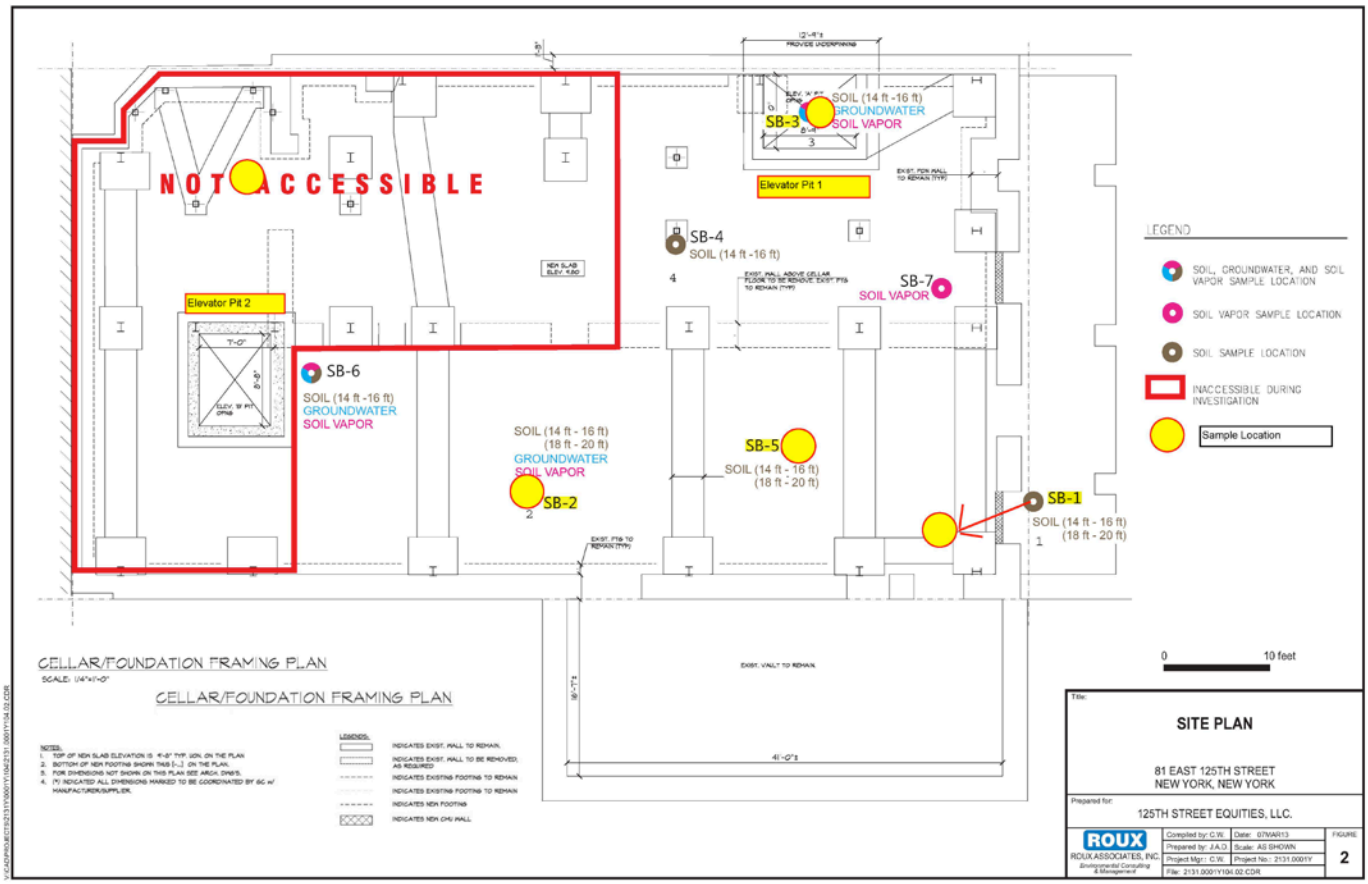
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

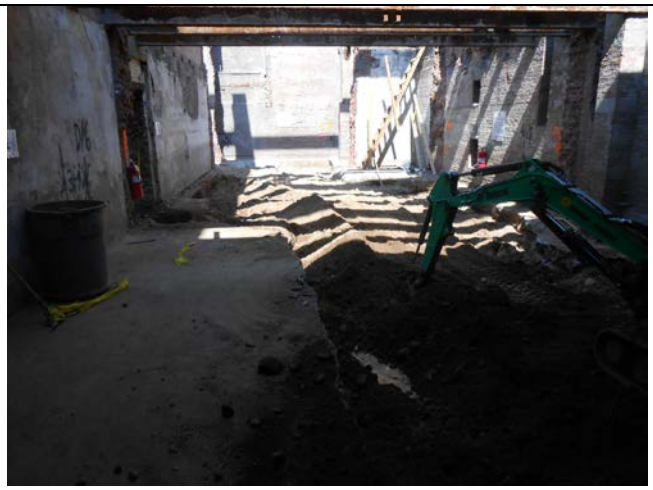
Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	7	140

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-3 location.	
Photo 2 – Excavating at SB-4 location.	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-21-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate switched empty with full container. Soil was transported to Soil Safe in Logan Township.

Continue excavation at SB-3, SB-4, SB-2 locations (see map).

Soil was removed to Allstate container.

Concrete slab and footing removal.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

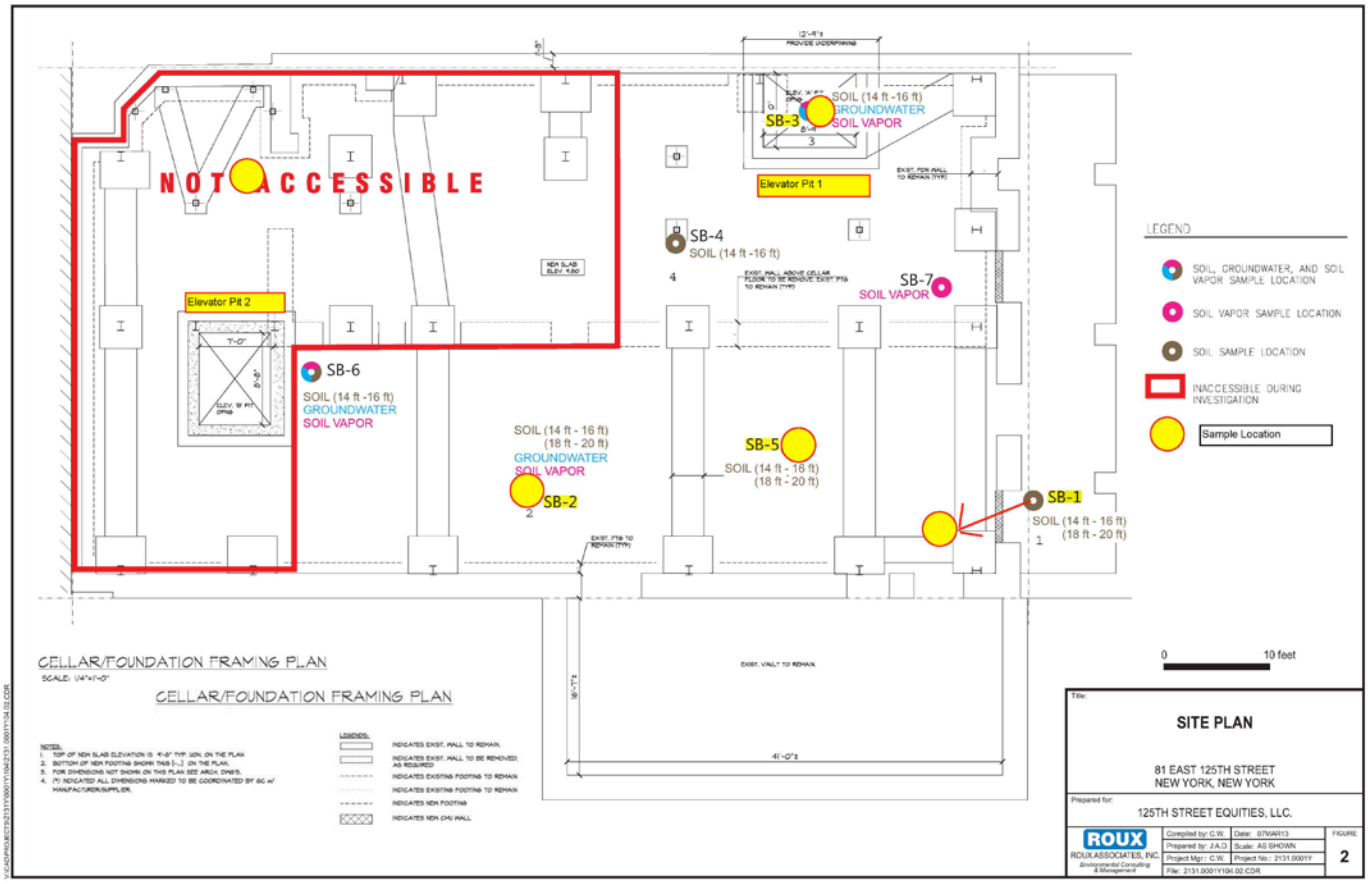
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	8	160

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavating at SB-4 location.	
Photo 2 – Excavating at SB-3 location.	
Photo 3 – Concrete slab and footing removal.	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain	x	Overcast		Partly Cloudy		Bright Sun	
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-22-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate switched empty with full container. Soil was transported to Soil Safe in Logan Township.

Continue excavation at SB-3, SB-4, SB-2 locations (see map).

Soil was removed to Allstate container.

Concrete slab and footing removal.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

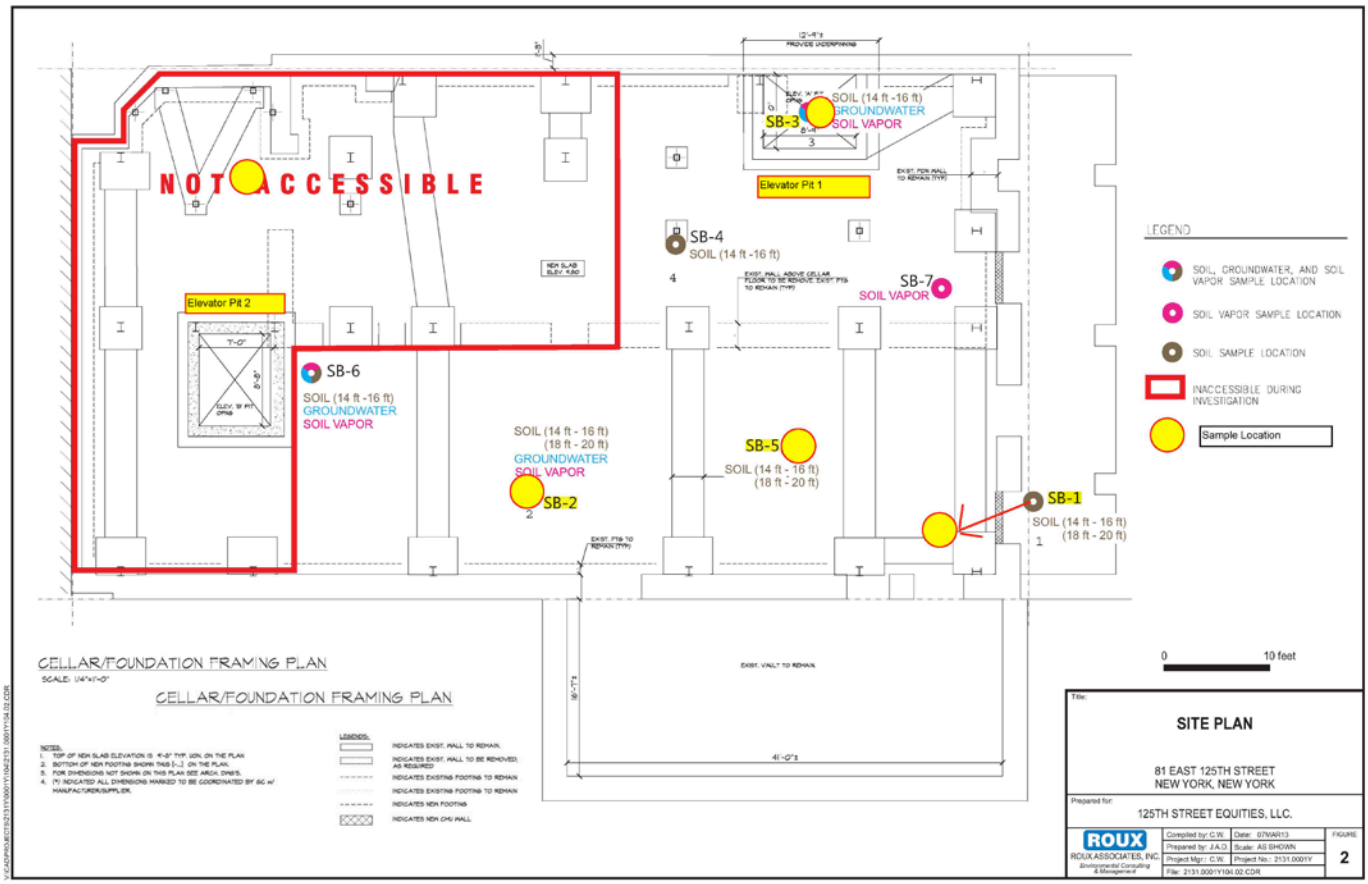
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	9	180

Site Map



 File Name: _____

Photo Log

Photo 1 – Removal of Concrete Slab.	
Photo 2 – Removal of existing footing.	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-23-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Allstate switched empty with full container. Soil was transported to Soil Safe in Logan Township.

Continue excavation at SB-3, SB-4, locations (see map).

Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

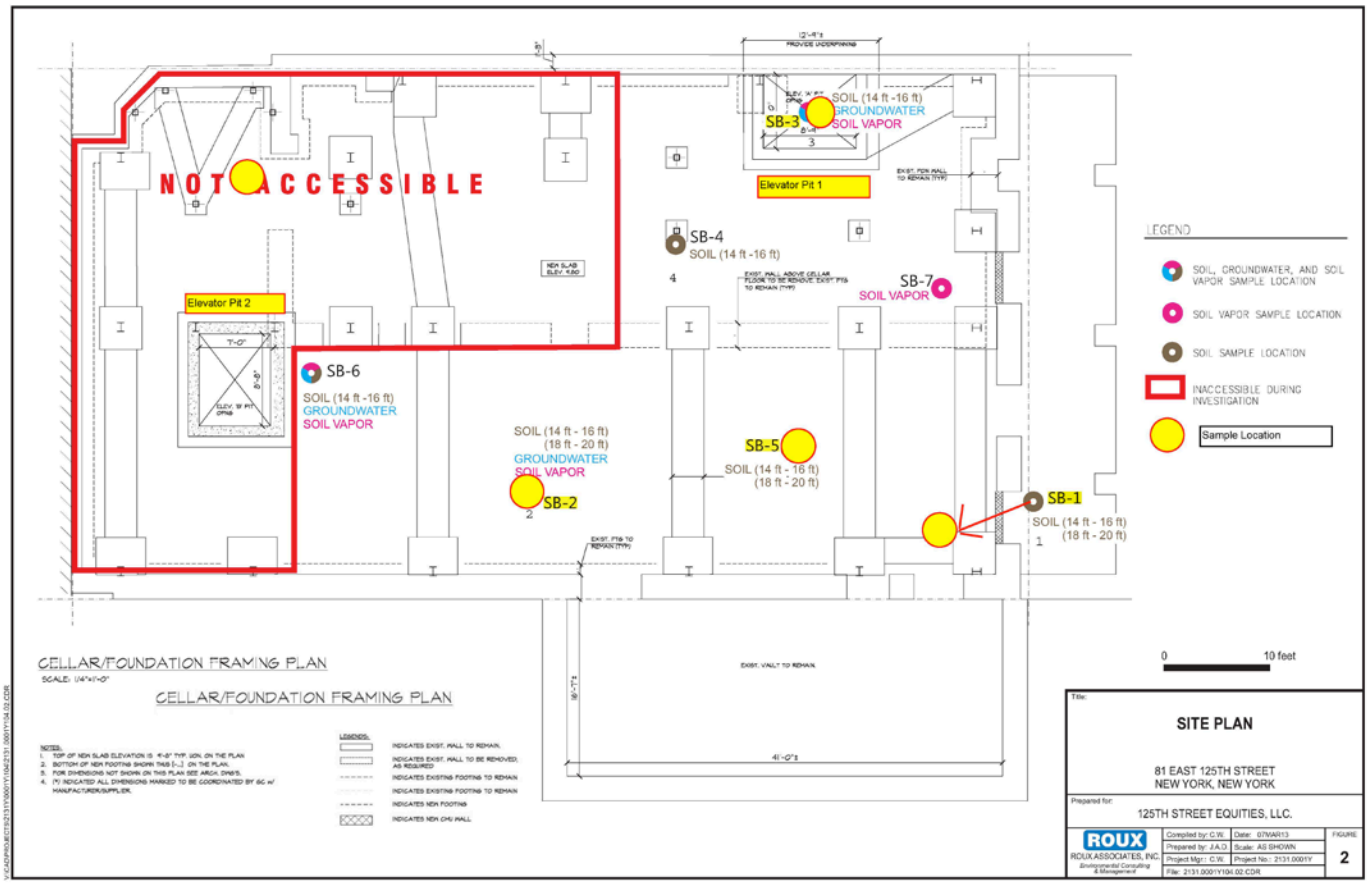
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	10	200

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavation at SB-3 location	
Photo 2 – Excavation at SB-4 location	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-26-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Continue excavation at SB-3, SB-4, locations (see map).

Soil was removed to Allstate container.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

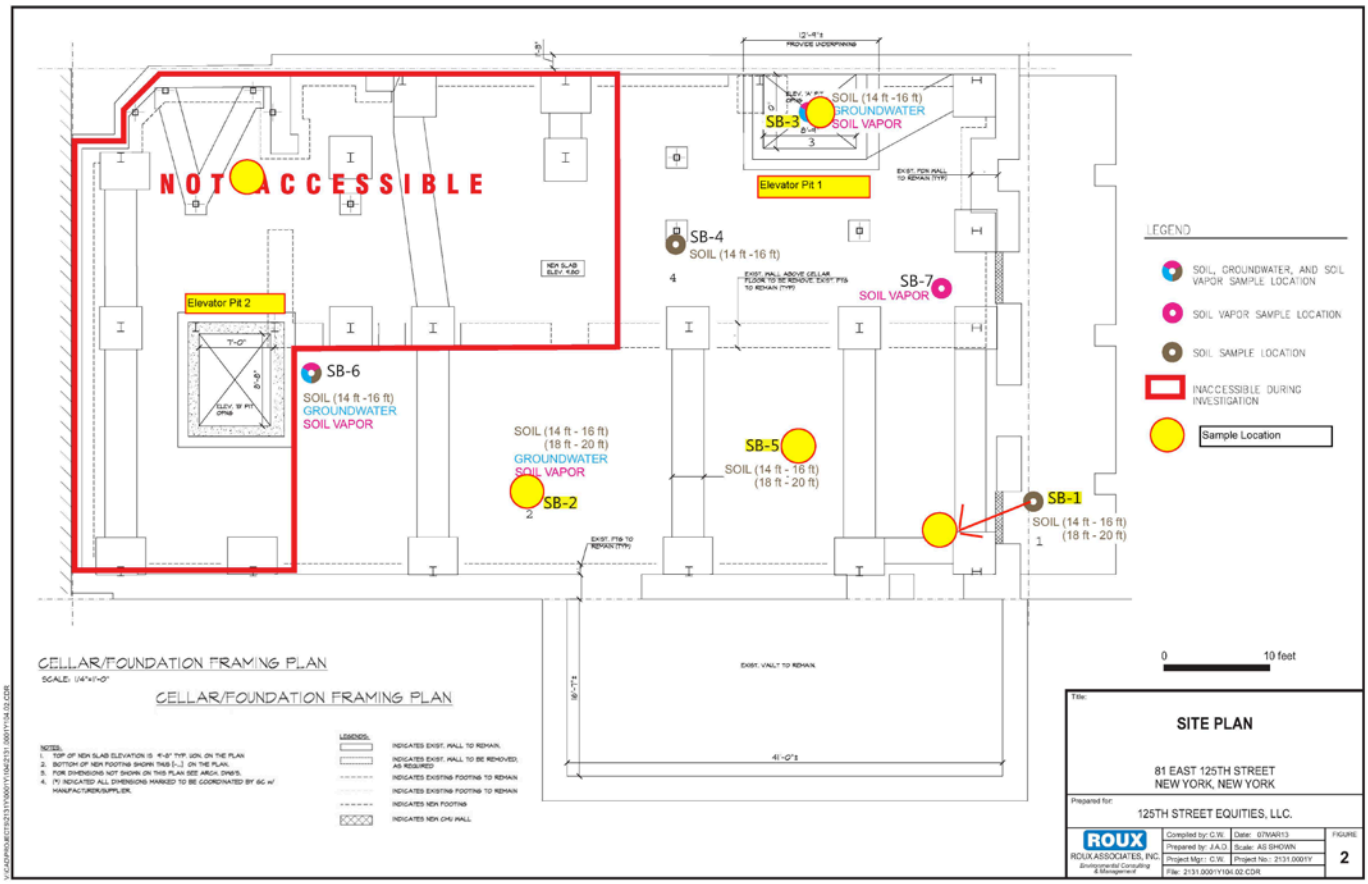
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	10	200

Site Map



 File Name: _____

Photo Log

Photo 1 – Excavation at SB-3 location	
Photo 2 – Excavation at SB-3 location	
Photo 3 –	

 File Name: _____

DAILY STATUS REPORT

Prepared By: Rotem Shaubi

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	x
TEMP.	TO 32		32-50		50-70		70-85	x	>85	

BCP Project No:	13CVCP120M	E-Number:	12EHAN520M	Date:	08-27-2013
Project Name:	Corn Exchange- 81 east 125th street				

Consultant: Roux Associates	Safety Officer: Rotem Shaubi
Contractor: 125th Street Equities, LLC.	

Work Activities Performed:

Excavation was completed. No excavation was done today.

Existing concrete wall footings was cut and removed from the site.

Allstate transported the last container to Soil Safe Facility in Logan Township.

Working In Site Location: See site Map

Air Monitoring:

Air Monitoring was conducted today.

Problems Encountered:

No problems were encountered.

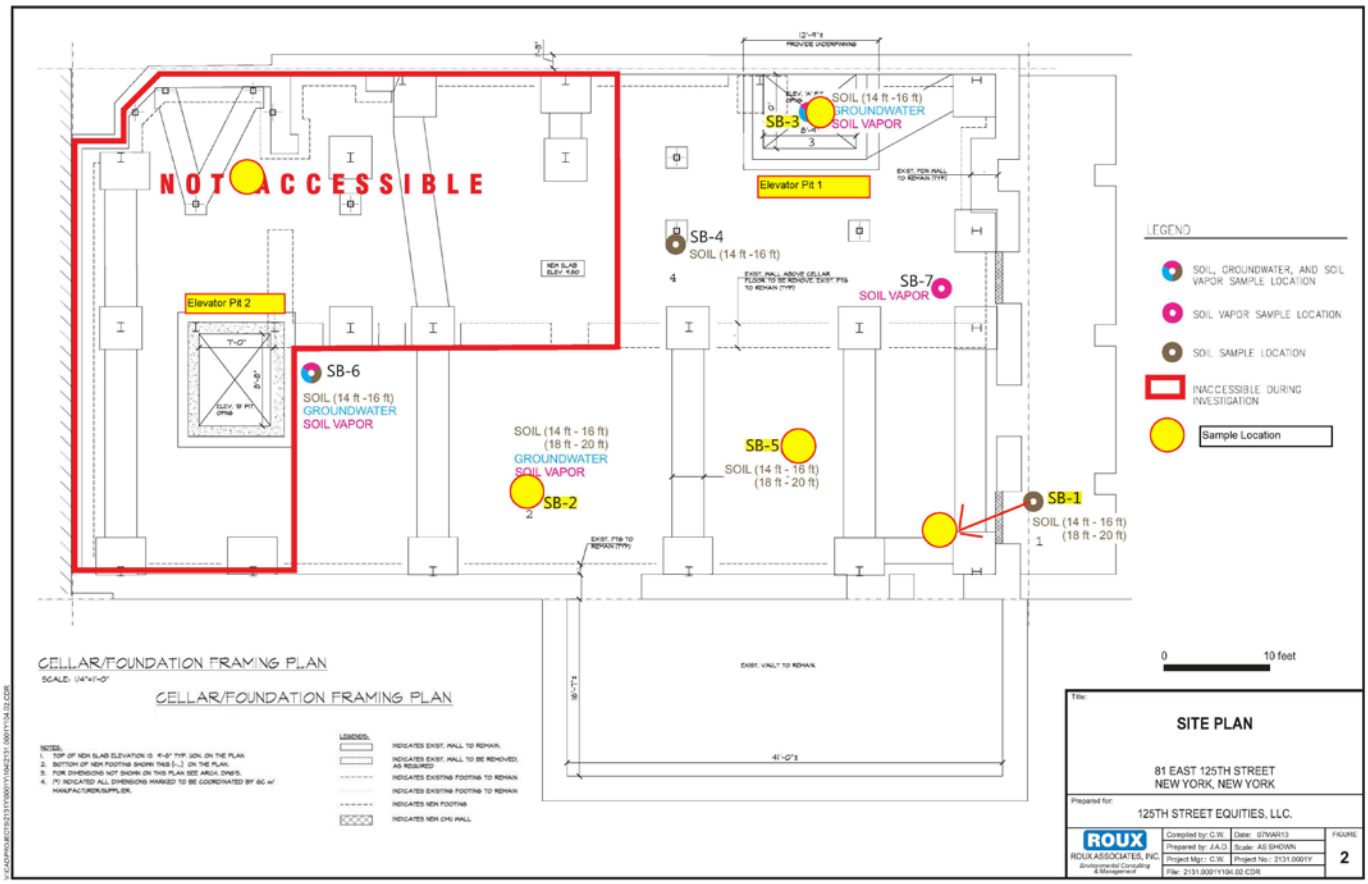
Planned Activities for Next Week:

Next week we plan to continue soil excavation and disposal activities to Soil Safe in Logan Township, New Jersey. Chipping and removal existing concrete footings and concrete floor slab on grade.

 File Name: _____

Facility # Name/ location type of waste	Soil Safe Logan Township, NJ Solid	
Today (trucks, cu.yds.)	Trucks	Cu. Yds.
	1	20
Totals (trucks, cu.yds.)	11	220

Site Map



 File Name: _____

Photo Log

Photo 1 – Mark up of existing footing to cut	
Photo 2 – Mark up of existing footing to cut	
Photo 3 –	

 File Name: _____

APPENDIX C

Post-Excavation Analytical Results

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-61244-1

Job Description: 81 East 125th Street

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Ms. Wendy Monterosso

Approved for release.
Janet Mosley
Project Mgmt. Assistant
8/22/2013 7:20 AM

Designee for
Melissa Haas, Project Manager I
128 Long Hill Cross Road, Shelton, CT, 06484
melissa.haas@testamericainc.com
08/22/2013

cc: Mr. Craig Werle

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: 81 East 125th Street

Report Number: 460-61244-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 08/14/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.2 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS

Samples 460-61244-1 and 460-61244-2 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 08/16/2013 and analyzed on 08/16/2013 and 08/17/2013.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-61244-1 and 460-61244-2(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-61244-1 and 460-61244-2 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 08/14/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-61244-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-61244-1	Post Ex-5B/9'	Solid	08/14/2013 0900	08/14/2013 1517
460-61244-2	Post Ex-6B/6'	Solid	08/14/2013 1010	08/14/2013 1517

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-61244-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-61244-1	**POST EX-5B/9'**					
Copper		77.1		4.0	mg/Kg	6010B
Percent Moisture		13.3		1.0	%	Moisture
Percent Solids		86.7		1.0	%	Moisture
460-61244-2	**POST EX-6B/6'**					
Copper		55.6		5.5	mg/Kg	6010B
Percent Moisture		19.1		1.0	%	Moisture
Percent Solids		80.9		1.0	%	Moisture

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-61244-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Method	Analyst	Analyst ID
SW846 6010B	Huang, Yixin	YZH
EPA Moisture	Armbruster, Chris	CJA

Client: Roux Associates, Inc. Job Number: 460-61244-1

Client Sample ID: **Post Ex-5B/9'**

Lab Sample ID: 460-61244-1 Date Sampled: 08/14/2013 0900
Client Matrix: Solid % Moisture: 13.3 Date Received: 08/14/2013 1517

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-176718	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-176604	Lab File ID:	08182013.asc
Dilution:	4.0			Initial Weight/Volume:	1.43 g
Analysis Date:	08/17/2013 1151			Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Copper		77.1		1.6	4.0

Client: Roux Associates, Inc. Job Number: 460-61244-1

Client Sample ID: **Post Ex-6B/6'**

Lab Sample ID: 460-61244-2 Date Sampled: 08/14/2013 1010
Client Matrix: Solid % Moisture: 19.1 Date Received: 08/14/2013 1517

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-176544	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	4.0			Initial Weight/Volume:	1.12 g
Analysis Date:	08/16/2013 2235			Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Copper		55.6		2.1	5.5

General Chemistry

Client Sample ID: **Post Ex-5B/9'**

Lab Sample ID: 460-61244-1 Date Sampled: 08/14/2013 0900

Client Matrix: Solid Date Received: 08/14/2013 1517

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-176186		Analysis Date: 08/14/2013 1601				DryWt Corrected: N
Percent Solids	86.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-176186		Analysis Date: 08/14/2013 1601				DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-6B/6'**

Lab Sample ID: 460-61244-2 Date Sampled: 08/14/2013 1010

Client Matrix: Solid Date Received: 08/14/2013 1517

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-176186		Analysis Date: 08/14/2013 1601				DryWt Corrected: N
Percent Solids	80.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-176186		Analysis Date: 08/14/2013 1601				DryWt Corrected: N

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Method Blank - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-176604/1-A ^2	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/16/2013 2224	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Copper	2.5	U	0.97	2.5

LCS-Certified Reference Material - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/16/2013 2228	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Copper	118	115.8	98.1	74.6 - 124.6	

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Matrix Spike - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-61244-2	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.15 g
Analysis Date:	08/16/2013 2242	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Copper	55.6	26.9	79.42	89	75 - 125	

Post Digestion Spike - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-61244-2	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.12 g
Analysis Date:	08/16/2013 2245	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Copper	55.6	55.2	106.0	91	75 - 125	

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Duplicate - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-61244-2	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.13 g
Analysis Date:	08/16/2013 2231	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Copper	55.6	55.10	0.8	20	

Serial Dilution - Batch: 460-176604

Method: 6010B
Preparation: 3050B

Lab Sample ID:	460-61244-2	Analysis Batch:	460-176544	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-176604	Lab File ID:	08162013.asc
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	1.12 g
Analysis Date:	08/16/2013 2238	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/16/2013 1605				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Copper	55.6	55.29	NC	10	

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Duplicate - Batch: 460-176186

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-61244-2	Analysis Batch:	460-176186	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	08/14/2013 1601	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	19.1	20.6	8	20	
Percent Solids	80.9	79.4	2	20	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-61244-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc. Job Number: 460-61244-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-176544					
LCSSRM 460-176604/2-A	LCS-Certified Reference Material	T	Solid	6010B	460-176604
MB 460-176604/1-A ^2	Method Blank	T	Solid	6010B	460-176604
460-61244-2	Post Ex-6B/6'	T	Solid	6010B	460-176604
460-61244-2DU	Duplicate	T	Solid	6010B	460-176604
460-61244-2MS	Matrix Spike	T	Solid	6010B	460-176604
Prep Batch: 460-176604					
LCSSRM 460-176604/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-176604/1-A ^2	Method Blank	T	Solid	3050B	
460-61244-1	Post Ex-5B/9'	T	Solid	3050B	
460-61244-2	Post Ex-6B/6'	T	Solid	3050B	
460-61244-2DU	Duplicate	T	Solid	3050B	
460-61244-2MS	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-176718					
460-61244-1	Post Ex-5B/9'	T	Solid	6010B	460-176604

Report Basis
T = Total

General Chemistry					
Analysis Batch:460-176186					
460-61244-1	Post Ex-5B/9'	T	Solid	Moisture	
460-61244-2	Post Ex-6B/6'	T	Solid	Moisture	
460-61244-2DU	Duplicate	T	Solid	Moisture	

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-61244-1

Laboratory Chronicle

Lab ID: 460-61244-1 **Client ID:** Post Ex-5B/9'

Sample Date/Time: 08/14/2013 09:00 Received Date/Time: 08/14/2013 15:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-61244-A-1-A ^4		460-176718	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	460-61244-A-1-A ^4		460-176718	460-176604	08/17/2013 11:51	4	TAL EDI	YZH
A:Moisture	460-61244-A-1		460-176186		08/14/2013 16:01	1	TAL EDI	CJA

Lab ID: 460-61244-2 **Client ID:** Post Ex-6B/6'

Sample Date/Time: 08/14/2013 10:10 Received Date/Time: 08/14/2013 15:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-61244-A-2-A ^4		460-176544	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	460-61244-A-2-A ^4		460-176544	460-176604	08/16/2013 22:35	4	TAL EDI	YZH
A:Moisture	460-61244-A-2		460-176186		08/14/2013 16:01	1	TAL EDI	CJA

Lab ID: 460-61244-2 MS **Client ID:** Post Ex-6B/6'

Sample Date/Time: 08/14/2013 10:10 Received Date/Time: 08/14/2013 15:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-61244-A-2-C MS ^4		460-176544	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	460-61244-A-2-C MS ^4		460-176544	460-176604	08/16/2013 22:42	4	TAL EDI	YZH

Lab ID: 460-61244-2 DU **Client ID:** Post Ex-6B/6'

Sample Date/Time: 08/14/2013 10:10 Received Date/Time: 08/14/2013 15:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-61244-A-2-B DU ^4		460-176544	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	460-61244-A-2-B DU ^4		460-176544	460-176604	08/16/2013 22:31	4	TAL EDI	YZH
A:Moisture	460-61244-A-2 DU		460-176186		08/14/2013 16:01	1	TAL EDI	CJA

Lab ID: 460-61244-2 SD **Client ID:** Post Ex-6B/6'

Sample Date/Time: 08/14/2013 10:10 Received Date/Time: 08/14/2013 15:17

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-61244-A-2-A SD ^2		460-176544	460-176604	08/16/2013 16:05	20	TAL EDI	EAE
A:6010B	460-61244-A-2-A SD ^2		460-176544	460-176604	08/16/2013 22:38	20	TAL EDI	YZH
P:3050B	460-61244-A-2-A PDS		460-176544	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	460-61244-A-2-A PDS		460-176544	460-176604	08/16/2013 22:45	4	TAL EDI	YZH

Client: Roux Associates, Inc. Job Number: 460-61244-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	MB 460-176604/1-A ^2		460-176544	460-176604	08/16/2013 16:05	2	TAL EDI	EAE
A:6010B	MB 460-176604/1-A ^2		460-176544	460-176604	08/16/2013 22:24	2	TAL EDI	YZH

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 460-176604/2-A		460-176544	460-176604	08/16/2013 16:05	4	TAL EDI	EAE
A:6010B	LCSSRM 460-176604/2-A		460-176544	460-176604	08/16/2013 22:28	4	TAL EDI	YZH

Lab References:
TAL EDI = TestAmerica Edison

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG No.:

Project: 81 East 125th Street

Client Sample ID	Lab Sample ID
Post Ex-5B/9'	460-61244-1
Post Ex-6B/6'	460-61244-2

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-5B/9'

Lab Sample ID: 460-61244-1

Lab Name: TestAmerica Edison

Job No.: 460-61244-1

SDG ID.:

Matrix: Solid

Date Sampled: 08/14/2013 09:00

Reporting Basis: DRY

Date Received: 08/14/2013 15:17

% Solids: 86.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	77.1	4.0	1.6	mg/Kg			4	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-6B/6'
Lab Sample ID: 460-61244-2
Lab Name: TestAmerica Edison
Job No.: 460-61244-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/14/2013 10:10
Reporting Basis: DRY
Date Received: 08/14/2013 15:17
% Solids: 80.9

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	55.6	5.5	2.1	mg/Kg			4	6010B

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	ICV 460-176544/7 08/16/2013 12:10				CCV 460-176544/107 08/16/2013 22:17				CCV 460-176544/119 08/16/2013 23:00			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	12410		12500	99	12060		12500	96	12090		12500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	ICV 460-176718/7 08/17/2013 10:30				CCV 460-176718/19 08/17/2013 11:15				CCV 460-176718/31 08/17/2013 11:58			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Copper	12700		12500	102	12930		12500	103	12890		12500	103

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-176544/8 08/16/2013 12:14		CCB 460-176544/108 08/16/2013 22:20		CCB 460-176544/120 08/16/2013 23:03			
		Found	C	Found	C	Found	C	Found	C
Copper	25.0	25.0	U	25.0	U	25.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-176718/8 08/17/2013 10:34		CCB 460-176718/20 08/17/2013 11:18		CCB 460-176718/32 08/17/2013 12:02			
		Found	C	Found	C	Found	C	Found	C
Copper	25.0	25.0	U	25.0	U	25.0	U		

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-176604/1-A ^2

Instrument Code: ICP5 Batch No.: 176544

CAS No.	Analyte	Concentration	C	Q	Method
7440-50-8	Copper	2.5	U		6010B

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Lab Sample ID: ICSA 460-176544/9 Instrument ID: ICP5

Lab File ID: 08162013.asc ICS Source: ME_ICSA_Duo_00046

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Copper		**1.58**	
Aluminum	*500000*	*492400*	*98*
Antimony		*-2.85*	
Arsenic		*-3.97*	
Barium		*0.640*	
Beryllium		*0.215*	
Boron		*3.12*	
Cadmium		*0.801*	
Calcium	*500000*	*494200*	*99*
Chromium		*-1.87*	
Cobalt		*-3.58*	
Iron	*200000*	*193800*	*97*
Lead		*-3.89*	
Magnesium	*500000*	*496800*	*99*
Manganese		*1.42*	
Molybdenum		*2.32*	
Nickel		*-1.93*	
Potassium		*-40.1*	
Selenium		*1.24*	
Silver		*0.807*	
Sodium		*-35.3*	
Strontium		*0.468*	
Thallium		*-8.22*	
Tin		*-3.45*	
Titanium		*3.34*	
Vanadium		*-4.31*	
Zinc		*-1.35*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Lab Sample ID: ICSAB 460-176544/10 Instrument ID: ICP5

Lab File ID: 08162013.asc ICS Source: ME_ICSAB_DUO_00049

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Copper	**100**	**99.2**	**99**
Aluminum	*500000*	*491100*	*98*
Antimony	*100*	*91.7*	*92*
Arsenic	*100*	*93.5*	*93*
Barium	*100*	*101*	*101*
Beryllium	*100*	*97.9*	*98*
Boron	*100*	*103*	*103*
Cadmium	*100*	*98.3*	*98*
Calcium	*500000*	*492800*	*99*
Chromium	*100*	*95.7*	*96*
Cobalt	*100*	*91.0*	*91*
Iron	*200000*	*193300*	*97*
Lead	*100*	*92.7*	*93*
Magnesium	*500000*	*494100*	*99*
Manganese	*100*	*103*	*103*
Molybdenum	*100*	*97.0*	*97*
Nickel	*100*	*92.5*	*92*
Potassium	*10000*	*10100*	*101*
Selenium	*100*	*95.3*	*95*
Silver	*100*	*105*	*105*
Sodium	*10000*	*10340*	*103*
Strontium	*100*	*101*	*101*
Thallium	*100*	*84.8*	*85*
Tin	*100*	*92.4*	*92*
Titanium	*100*	*104*	*104*
Vanadium	*100*	*92.6*	*93*
Zinc	*100*	*94.6*	*95*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Lab Sample ID: ICSA 460-176718/9 Instrument ID: ICP5

Lab File ID: 08182013.asc ICS Source: ME_ICSA_Duo_00046

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Copper		**-1.33**	
Aluminum	*500000*	*505500*	*101*
Antimony		*-2.77*	
Arsenic		*-2.71*	
Barium		*1.41*	
Beryllium		*-0.0233*	
Boron		*0.925*	
Cadmium		*-0.718*	
Calcium	*500000*	*494700*	*99*
Chromium		*-2.08*	
Cobalt		*-3.58*	
Iron	*200000*	*196600*	*98*
Lead		*-1.83*	
Magnesium	*500000*	*495600*	*99*
Manganese		*1.30*	
Molybdenum		*1.75*	
Nickel		*-2.37*	
Potassium		*-57.9*	
Selenium		*-5.23*	
Silver		*2.38*	
Sodium		*-75.6*	
Strontium		*0.522*	
Thallium		*-8.79*	
Tin		*-2.40*	
Titanium		*2.40*	
Vanadium		*-4.01*	
Zinc		*-1.57*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Lab Sample ID: ICSAB 460-176718/10 Instrument ID: ICP5

Lab File ID: 08182013.asc ICS Source: ME_ICSAB_DUO_00049

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Copper	**100**	**101**	**101**
Aluminum	*500000*	*504400*	*101*
Antimony	*100*	*94.8*	*95*
Arsenic	*100*	*94.5*	*95*
Barium	*100*	*103*	*103*
Beryllium	*100*	*99.9*	*100*
Boron	*100*	*105*	*105*
Cadmium	*100*	*98.3*	*98*
Calcium	*500000*	*487700*	*98*
Chromium	*100*	*93.2*	*93*
Cobalt	*100*	*92.3*	*92*
Iron	*200000*	*195300*	*98*
Lead	*100*	*93.6*	*94*
Magnesium	*500000*	*489700*	*98*
Manganese	*100*	*103*	*103*
Molybdenum	*100*	*98.1*	*98*
Nickel	*100*	*92.1*	*92*
Potassium	*10000*	*10190*	*102*
Selenium	*100*	*92.7*	*93*
Silver	*100*	*107*	*107*
Sodium	*10000*	*10520*	*105*
Strontium	*100*	*102*	*102*
Thallium	*100*	*85.9*	*86*
Tin	*100*	*92.5*	*92*
Titanium	*100*	*104*	*104*
Vanadium	*100*	*92.4*	*92*
Zinc	*100*	*93.7*	*94*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Post Ex-6B/6' MS
Lab ID: 460-61244-2 MS
Lab Name: TestAmerica Edison
Job No.: 460-61244-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 80.9

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Copper	79.42		55.6		26.9	89	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Post Ex-6B/6' PDS Lab ID: 460-61244-2 PDS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Copper	106.0		55.6		55.2	91	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: Post Ex-6B/6' DU

Lab ID: 460-61244-2 DU

Lab Name: TestAmerica Edison

Job No.: 460-61244-1

SDG No.:

% Solids for Sample: 80.9

% Solids for Duplicate: 80.9

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Copper	5.5	55.6		55.10		0.8		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-176604/2-A

Lab Name: TestAmerica Edison Job No.: 460-61244-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00007

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Copper	118	115.8		98.1	74.6	124.6		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-61244-2

SDG No:

Lab Name: TestAmerica Edison Job No: 460-61244-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Copper	55.6		55.29		NC		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Copper		5	1.94

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B XMDL Date: 11/14/2011 14:14

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Copper		25	7.838

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-176604/1-A ^2	08/16/2013 16:05	176604	1.00		50
LCSSRM 460-176604/2-A	08/16/2013 16:05	176604	1.00		50
460-61244-2	08/16/2013 16:05	176604	1.12		50
460-61244-2 DU	08/16/2013 16:05	176604	1.13		50
460-61244-2 MS	08/16/2013 16:05	176604	1.15		50
460-61244-1	08/16/2013 16:05	176604	1.43		50

FORM XII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/16/2013 11:48 End Date: 08/16/2013 23:03

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
ZZZZZZ			11:48																				
ZZZZZZ			11:51																				
ZZZZZZ			11:55																				
ZZZZZZ			11:59																				
ZZZZZZ			12:02																				
ZZZZZZ			12:06																				
ICV 460-176544/7	1		12:10	X																			
ICB 460-176544/8	1		12:14	X																			
ICSA 460-176544/9	1		12:17	X																			
ICSAB 460-176544/10	1		12:21	X																			
ZZZZZZ			12:25																				
ZZZZZZ			12:29																				
ZZZZZZ			12:33																				
ZZZZZZ			12:36																				
CCV 460-176544/15			12:40																				
CCB 460-176544/16			12:44																				
ZZZZZZ			12:54																				
ZZZZZZ			12:58																				
ZZZZZZ			13:01																				
ZZZZZZ			13:05																				
ZZZZZZ			13:09																				
ZZZZZZ			13:12																				
ZZZZZZ			13:16																				
ZZZZZZ			13:19																				
ZZZZZZ			13:23																				
ZZZZZZ			13:27																				
CCV 460-176544/27			13:30																				
CCB 460-176544/28			13:34																				
ZZZZZZ			13:38																				
ZZZZZZ			13:42																				
ZZZZZZ			13:45																				
ZZZZZZ			13:49																				
ZZZZZZ			13:53																				
ZZZZZZ			13:56																				
ZZZZZZ			14:00																				
ZZZZZZ			14:04																				
ZZZZZZ			14:07																				
ZZZZZZ			14:11																				
CCV 460-176544/39			14:15																				
CCB 460-176544/40			14:18																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/16/2013 11:48 End Date: 08/16/2013 23:03

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
ZZZZZZ			14:37																				
ZZZZZZ			14:40																				
ZZZZZZ			14:44																				
CCV 460-176544/48			14:47																				
CCB 460-176544/49			14:51																				
ZZZZZZ			15:10																				
ZZZZZZ			15:14																				
ZZZZZZ			15:17																				
ZZZZZZ			15:21																				
ZZZZZZ			15:25																				
ZZZZZZ			15:29																				
ZZZZZZ			15:32																				
ZZZZZZ			15:36																				
ZZZZZZ			15:40																				
ZZZZZZ			15:43																				
CCV 460-176544/60			15:47																				
CCB 460-176544/61			15:51																				
ZZZZZZ			15:55																				
ZZZZZZ			15:58																				
ZZZZZZ			16:02																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:29																				
CCV 460-176544/72			16:32																				
CCB 460-176544/73			16:36																				
ZZZZZZ			16:40																				
ZZZZZZ			16:44																				
ZZZZZZ			16:47																				
ZZZZZZ			16:51																				
ZZZZZZ			16:55																				
ZZZZZZ			16:58																				
ZZZZZZ			17:02																				
ZZZZZZ			17:06																				
ZZZZZZ			17:09																				
ZZZZZZ			17:13																				
CCV 460-176544/84			17:17																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/16/2013 11:48 End Date: 08/16/2013 23:03

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
CCB 460-176544/85			17:20																				
ZZZZZZ			17:24																				
ZZZZZZ			17:28																				
ZZZZZZ			17:32																				
ZZZZZZ			17:36																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
ZZZZZZ			17:48																				
ZZZZZZ			17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:59																				
CCV 460-176544/96			18:02																				
CCB 460-176544/97			18:06																				
ZZZZZZ			18:10																				
ZZZZZZ			18:13																				
ZZZZZZ			18:17																				
ZZZZZZ			18:21																				
ZZZZZZ			18:25																				
ZZZZZZ			18:28																				
ZZZZZZ			18:32																				
CCV 460-176544/105			18:36																				
CCB 460-176544/106			18:39																				
CCV 460-176544/107	1		22:17	X																			
CCB 460-176544/108	1		22:20	X																			
MB 460-176604/1-A ^2	2	T	22:24	X																			
LCSSRM 460-176604/2-A	4	T	22:28	X																			
460-61244-2 DU	4	T	22:31	X																			
460-61244-2	4	T	22:35	X																			
460-61244-2 SD	20	T	22:38	X																			
460-61244-2 MS	4	T	22:42	X																			
460-61244-2 PDS	4	T	22:45	X																			
ZZZZZZ			22:49																				
ZZZZZZ			22:52																				
ZZZZZZ			22:56																				
CCV 460-176544/119	1		23:00	X																			
CCB 460-176544/120	1		23:03	X																			

Prep Types

R = Total Recoverable

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/17/2013 10:08 End Date: 08/17/2013 19:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
ZZZZZZ			10:08																				
ZZZZZZ			10:12																				
ZZZZZZ			10:16																				
ZZZZZZ			10:19																				
ZZZZZZ			10:23																				
ZZZZZZ			10:26																				
ICV 460-176718/7	1		10:30	X																			
ICB 460-176718/8	1		10:34	X																			
ICSA 460-176718/9	1		10:38	X																			
ICSAB 460-176718/10	1		10:42	X																			
ZZZZZZ			10:46																				
ZZZZZZ			10:49																				
ZZZZZZ			10:53																				
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:04																				
ZZZZZZ			11:08																				
ZZZZZZ			11:11																				
CCV 460-176718/19	1		11:15	X																			
CCB 460-176718/20	1		11:18	X																			
ZZZZZZ			11:22																				
ZZZZZZ			11:26																				
ZZZZZZ			11:29																				
ZZZZZZ			11:33																				
ZZZZZZ			11:36																				
ZZZZZZ			11:40																				
ZZZZZZ			11:44																				
ZZZZZZ			11:47																				
460-61244-1	4	T	11:51	X																			
ZZZZZZ			11:54																				
CCV 460-176718/31	1		11:58	X																			
CCB 460-176718/32	1		12:02	X																			
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
ZZZZZZ			12:20																				
ZZZZZZ			12:23																				
ZZZZZZ			12:27																				
ZZZZZZ			12:30																				
ZZZZZZ			12:34																				
ZZZZZZ			12:38																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/17/2013 10:08 End Date: 08/17/2013 19:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
CCV 460-176718/43			12:41																				
CCB 460-176718/44			12:45																				
ZZZZZZ			12:48																				
ZZZZZZ			12:52																				
ZZZZZZ			12:56																				
ZZZZZZ			12:59																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:10																				
ZZZZZZ			13:14																				
ZZZZZZ			13:17																				
ZZZZZZ			13:21																				
CCV 460-176718/55			13:24																				
CCB 460-176718/56			13:28																				
ZZZZZZ			13:32																				
ZZZZZZ			13:35																				
ZZZZZZ			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:50																				
ZZZZZZ			13:53																				
ZZZZZZ			13:57																				
ZZZZZZ			14:01																				
ZZZZZZ			14:04																				
CCV 460-176718/67			14:08																				
CCB 460-176718/68			14:11																				
ZZZZZZ			14:15																				
ZZZZZZ			14:19																				
ZZZZZZ			14:22																				
ZZZZZZ			14:26																				
ZZZZZZ			14:29																				
ZZZZZZ			14:33																				
ZZZZZZ			14:37																				
ZZZZZZ			14:40																				
ZZZZZZ			14:44																				
ZZZZZZ			14:48																				
CCV 460-176718/79			14:51																				
CCB 460-176718/80			14:55																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:05																				
ZZZZZZ			15:09																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/17/2013 10:08 End Date: 08/17/2013 19:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
ZZZZZZ			15:23																				
ZZZZZZ			15:27																				
ZZZZZZ			15:31																				
CCV 460-176718/91			15:34																				
CCB 460-176718/92			15:38																				
ZZZZZZ			15:42																				
ZZZZZZ			15:45																				
ZZZZZZ			15:49																				
ZZZZZZ			15:52																				
ZZZZZZ			15:56																				
ZZZZZZ			15:59																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:10																				
ZZZZZZ			16:13																				
CCV 460-176718/103			16:17																				
CCB 460-176718/104			16:20																				
ZZZZZZ			16:24																				
ZZZZZZ			16:28																				
ZZZZZZ			16:31																				
ZZZZZZ			16:35																				
ZZZZZZ			16:39																				
ZZZZZZ			16:42																				
ZZZZZZ			16:46																				
ZZZZZZ			16:49																				
ZZZZZZ			16:53																				
ZZZZZZ			16:56																				
CCV 460-176718/115			17:00																				
CCB 460-176718/116			17:04																				
ZZZZZZ			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
ZZZZZZ			17:22																				
ZZZZZZ			17:25																				
ZZZZZZ			17:29																				
ZZZZZZ			17:32																				
ZZZZZZ			17:36																				
ZZZZZZ			17:40																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/17/2013 10:08 End Date: 08/17/2013 19:46

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cu																			
CCV 460-176718/127			17:43																				
CCB 460-176718/128			17:47																				
ZZZZZZ			17:50																				
ZZZZZZ			17:54																				
ZZZZZZ			17:58																				
ZZZZZZ			18:01																				
ZZZZZZ			18:04																				
ZZZZZZ			18:08																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
CCV 460-176718/139			18:26																				
CCB 460-176718/140			18:30																				
ZZZZZZ			18:34																				
ZZZZZZ			18:37																				
ZZZZZZ			18:41																				
ZZZZZZ			18:45																				
ZZZZZZ			18:48																				
ZZZZZZ			18:52																				
ZZZZZZ			18:55																				
ZZZZZZ			18:59																				
ZZZZZZ			19:03																				
ZZZZZZ			19:06																				
CCV 460-176718/151			19:10																				
CCB 460-176718/152			19:13																				
ZZZZZZ			19:17																				
ZZZZZZ			19:21																				
ZZZZZZ			19:24																				
ZZZZZZ			19:28																				
ZZZZZZ			19:32																				
ZZZZZZ			19:35																				
ZZZZZZ			19:39																				
CCV 460-176718/160			19:43																				
CCB 460-176718/161			19:46																				

Prep Types

T = Total/NA

Sample Name: CAL_BLK Acquired: 8/16/2013 11:48:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0006	-.0004	.0000	-.0000	.0003	.0030
Stddev	.0003	.0001	.0000	.0001	.0003	.0000
%RSD	56.72	12.89	392.8	3144.	96.63	1.358

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	.0007	-.0000	.0008	.0001	-.0041
Stddev	.0001	.0000	.0001	.0003	.0000	.0014
%RSD	22.78	.8135	234.3	33.95	49.69	34.14

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	.0038	-.0002	.0000	-.0003
Stddev	.0000	.0000	.0007	.0001	.0002	.0001
%RSD	931.0	18.87	19.84	46.43	3621.	28.31

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0003	.0000	.0020	.0013	.0004
Stddev	.0001	.0000	.0001	.0001	.0000	.0001
%RSD	53.34	9.239	162.8	6.803	3.475	27.24

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0004	-.0005	.0010
Stddev	.0001	.0001	.0000	.0006
%RSD	39.50	17.50	7.624	62.09

Sample Name: CAL_BLK Acquired: 8/16/2013 11:48:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5224.8	57604.	13223.
Stddev	4.0	110.	54.
%RSD	.07740	.19156	.40852

Sample Name: DCAL1 Acquired: 8/16/2013 11:51:53 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0023	.0011	.0026	.0119
Stddev	.0001	.0000	.0001	.0001
%RSD	3.613	4.152	2.678	.5475

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5188.5	57042.	13171.
Stddev	9.1	10.	90.
%RSD	.17446	.01795	.67964

Sample Name: DCAL2 Acquired: 8/16/2013 11:55:38 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0065	-.0000	.0014	.1215	.0065	.1056
Stddev	.0002	.0000	.0001	.0005	.0001	.0002
%RSD	3.815	180.8	7.041	.3988	1.422	.2172

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0064	.0483	.0016	.0042	.0019	.2473
Stddev	.0001	.0005	.0000	.0003	.0001	.0012
%RSD	1.628	.9319	.5066	6.784	3.840	.5002

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1109	.0155	.7570	.0104	.0009	.0007
Stddev	.0003	.0000	.0012	.0002	.0002	.0001
%RSD	.2938	.2297	.1545	1.555	20.44	17.66

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0007	.0117	.0334	.0200	.0110
Stddev	.0001	.0001	.0001	.0002	.0001	.0001
%RSD	18.27	8.085	.8318	.5510	.5737	.6427

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0137	.1931	.0068	.0062
Stddev	.0001	.0014	.0002	.0001
%RSD	1.012	.7139	2.359	2.091

Sample Name: DCAL2 Acquired: 8/16/2013 11:55:38 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5155.8	56722.	13160.
Stddev	9.9	87.	16.
%RSD	.19161	.15293	.12042

Sample Name: DCAL3 Acquired: 8/16/2013 11:59:17 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.9405	.0376	.0376	1.201	.5680	.5257
Stddev	.0010	.0001	.0001	.001	.0016	.0014
%RSD	.1110	.2874	.1552	.0792	.2751	.2603

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4424	.4783	.1554	.3316	.2021	.5078
Stddev	.0002	.0003	.0004	.0011	.0007	.0005
%RSD	.0371	.0567	.2418	.3344	.3363	.0925

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5550	1.005	3.780	.1306	.2390	.0213
Stddev	.0014	.001	.002	.0002	.0003	.0002
%RSD	.2584	.1440	.0498	.1808	.1212	.8945

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0253	.0444	.1168	.5222	.0887	.2707
Stddev	.0001	.0000	.0001	.0006	.0002	.0009
%RSD	.3473	.1023	.0826	.1210	.1894	.3181

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0534	9.662	.6988	.0766
Stddev	.0001	.015	.0005	.0007
%RSD	.1532	.1543	.0708	.9500

Sample Name: DCAL3 Acquired: 8/16/2013 11:59:17 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5115.5	56156.	13400.
Stddev	3.5	245.	52.
%RSD	.06783	.43607	.38887

Sample Name: DCAL4 Acquired: 8/16/2013 12:02:41 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.466	.1825	.1807	5.448	2.632	2.468
Stddev	.008	.0003	.0007	.003	.005	.012
%RSD	.1729	.1728	.3957	.0583	.1811	.4965

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.019	2.156	.7125	1.540	.9147	2.440
Stddev	.003	.002	.0035	.001	.0034	.003
%RSD	.1259	.0992	.4913	.0897	.3683	.1338

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.621	4.536	17.69	.5864	1.070	.1023
Stddev	.016	.023	.24	.0001	.001	.0002
%RSD	.6044	.5138	1.338	.0107	.1220	.1703

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1210	.1947	.5488	2.383	.3992	1.248
Stddev	.0002	.0003	.0012	.007	.0007	.001
%RSD	.1459	.1657	.2153	.2781	.1641	.0897

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2430	44.62	3.275	.3261
Stddev	.0003	.69	.006	.0020
%RSD	.1100	1.537	.1984	.6202

Sample Name: DCAL4 Acquired: 8/16/2013 12:02:41 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4820.6	52984.	13029.
Stddev	2.8	248.	97.
%RSD	.05771	.46760	.74252

Sample Name: DCAL5 Acquired: 8/16/2013 12:06:20 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.932	.3700	.3717	10.52	5.153	4.788
Stddev	.030	.0008	.0005	.01	.004	.007
%RSD	.3415	.2243	.1275	.0961	.0813	.1527

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.942	4.207	1.392	3.059	1.778	4.932
Stddev	.006	.004	.004	.001	.005	.005
%RSD	.1504	.1056	.2885	.0189	.3072	.1080

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.165	8.667	34.85	1.136	2.067	.2069
Stddev	.018	.011	.27	.001	.002	.0003
%RSD	.3427	.1296	.7762	.0714	.1128	.1412

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2436	.3693	1.088	4.645	.7876	2.458
Stddev	.0004	.0008	.002	.007	.0004	.005
%RSD	.1698	.2106	.1668	.1461	.0521	.2087

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4730	87.96	6.469	.6669
Stddev	.0015	.05	.004	.0007
%RSD	.3127	.0622	.0549	.1082

Sample Name: DCAL5 Acquired: 8/16/2013 12:06:20 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4576.8	50865.	12806.
Stddev	6.2	101.	7.
%RSD	.13564	.19943	.05237

Sample Name: CCV Acquired: 8/16/2013 12:10:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	2460.	1226.	10090.	1003.	126400.
Stddev	81.	6.	3.	4.	1.	402.
%RSD	.0651	.2368	.2423	.0357	.1020	.3181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	2505.	5028.	12410.	100800.	49380.
Stddev	1.	3.	10.	20.	122.	54.
%RSD	.1061	.1261	.2054	.1631	.1209	.1103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125400.	5082.	124200.	2517.	7580.	983.1
Stddev	352.	15.	1575.	2.	3.	3.6
%RSD	.2807	.3013	1.268	.0980	.0370	.3623
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 12:10:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2472.	2548.	2493.	2517.	996.3	2507.
Stddev	14.	2.	1.	2.	3.4	4.
%RSD	.5862	.0684	.0560	.0781	.3362	.1565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1004.	4958.	9970.	9744.
Stddev	2.	52.	7.	29.
%RSD	.2140	1.043	.0716	.2997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4839.1	53013.	13042.
Stddev	4.3	113.	20.
%RSD	.08911	.21249	.15515

Sample Name: CCB Acquired: 8/16/2013 12:14:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0201	1.597	-.2607	.3377	.2847	2.535
Stddev	6.533	.893	.1119	.2118	.0215	5.392
%RSD	32490.	55.91	42.91	62.72	7.560	212.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0848	-.1805	.8079	.5477	10.92	49.37
Stddev	.1090	.0991	.5855	1.164	3.00	26.46
%RSD	128.5	54.90	72.47	212.5	27.52	53.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.889	.2395	13.82	.3648	.2340	1.675
Stddev	2.584	.1436	15.80	.7774	1.019	.512
%RSD	52.85	59.95	114.4	213.1	435.4	30.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 12:14:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.784	2.062	.5420	-1.053	3.190	9.997
Stddev	1.340	.307	.1763	.112	.482	1.747
%RSD	75.08	14.89	32.53	10.67	15.10	17.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9058	.2755	2.825	4.285
Stddev	.6752	.1360	.578	15.38
%RSD	74.54	49.36	20.45	359.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5255.1	57599.	13231.
Stddev	14.1	227.	27.
%RSD	.26736	.39467	.20066

Sample Name: icsa 2301361 Acquired: 8/16/2013 12:17:48 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	492400.	-3.968	.8070	.6400	.2154	494200.
Stddev	6164.	.319	.1772	.1361	.0123	1732.
%RSD	1.252	8.038	21.95	21.27	5.688	.3505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8012	-3.583	-1.871	1.576	193800.	-40.11
Stddev	.2006	.310	.235	1.059	558.	5.75
%RSD	25.03	8.638	12.59	67.18	.2881	14.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	496800.	1.420	-35.26	-1.929	-3.892	-2.847
Stddev	1941.	.132	7.55	.877	3.185	3.036
%RSD	.3907	9.285	21.42	45.45	81.82	106.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsa 2301361 Acquired: 8/16/2013 12:17:48 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.237	-8.222	-4.311	-1.350	3.121	2.319
Stddev	1.084	3.056	.499	.367	.395	.472
%RSD	87.62	37.18	11.56	27.19	12.64	20.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-3.451	.4683	3.342	-20.97
Stddev	.856	.0499	.602	8.28
%RSD	24.80	10.66	18.01	39.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4664.3	50380.	12734.
Stddev	7.3	28.	36.
%RSD	.15711	.05501	.28525

Sample Name: icsab 2301381 Acquired: 8/16/2013 12:21:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	491100.	93.48	105.0	101.0	97.89	492800.
Stddev	4398.	2.99	.3	.4	.55	2099.
%RSD	.8956	3.202	.3053	.4050	.5647	.4259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.31	91.04	95.68	99.21	193300.	10100.
Stddev	.55	.40	.57	.56	766.	37.
%RSD	.5601	.4428	.5994	.5669	.3961	.3638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	494100.	103.2	10340.	92.49	92.67	91.65
Stddev	2239.	.6	31.	.83	2.78	1.58
%RSD	.4531	.5554	.3038	.8924	2.997	1.721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsab 2301381 Acquired: 8/16/2013 12:21:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95.29	84.79	92.59	94.55	102.6	97.04
Stddev	1.73	2.37	.26	.64	1.3	.08
%RSD	1.819	2.798	.2849	.6773	1.288	.0830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	92.38	100.6	103.9	97.97
Stddev	.78	.5	1.4	2.61
%RSD	.8404	.4857	1.352	2.666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4637.2	50084.	12731.
Stddev	5.4	179.	62.
%RSD	.11608	.35740	.48491

Sample Name: int-10 2301383 Acquired: 8/16/2013 12:25:43 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.90	3.190	-3.997	-3.158	1.861	54.38
Stddev	15.08	1.172	.665	.078	.062	8.78
%RSD	138.3	36.75	16.63	2.484	3.313	16.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1355	10970.	10520.	-5.897	-8.407	26.78
Stddev	.1223	6.	28.	.383	10.71	30.92
%RSD	90.22	.0575	.2663	6.502	127.4	115.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	73.64	10390.	41.40	11040.	-.7376	-5.185
Stddev	12.12	23.	8.69	7.	.4946	1.260
%RSD	16.46	.2250	20.99	.0621	67.06	24.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: int-10 2301383 Acquired: 8/16/2013 12:25:43 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9466	-10.35	5032.	-2.635	-5.479	5146.
Stddev	.7770	1.49	1.	.165	.418	11.
%RSD	82.08	14.44	.0235	6.279	7.629	.2208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10780.	10020.	10060.	10110.
Stddev	13.	114.	20.	442.
%RSD	.1161	1.134	.1961	4.367
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5143.4	57281.	13291.
Stddev	1.7	163.	67.
%RSD	.03326	.28511	.50699

Sample Name: 460-61118-B-12-E@4 Acquired: 8/16/2013 12:29:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32300.	48.79	.3104	366.4	3.615	24760.
Stddev	64.	2.29	.5626	1.5	.066	73.
%RSD	.1991	4.695	181.3	.3994	1.838	.2946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.189	150.3	98.90	181.4	101200.	4323.
Stddev	.090	.2	.61	.7	182.	8.
%RSD	4.135	.1598	.6152	.4106	.1801	.1797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13350.	3338.	300.4	205.2	609.2	3.705
Stddev	34.	7.	.3	1.3	1.7	.734
%RSD	.2565	.1953	.0991	.6362	.2730	19.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61118-B-12-E@4 Acquired: 8/16/2013 12:29:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.000	-6.281	98.46	1013.	11.16	23.99
Stddev	.829	3.127	.30	.	.15	2.46
%RSD	11.85	49.78	.3046	.0354	1.365	10.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.27	121.8	861.5	1347.
Stddev	.16	.4	1.5	7.
%RSD	.5606	.2877	.1732	.5493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5244.1	57732.	13693.
Stddev	18.2	228.	38.
%RSD	.34762	.39500	.27425

Sample Name: 460-61118-B-18-C@20 Acquired: 8/16/2013 12:33:04 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7876.	18.64	.2671	111.5	1.519	21120.
Stddev	4.	1.65	.1340	.4	.025	37.
%RSD	.0556	8.839	50.18	.3949	1.653	.1755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3721	12.71	25.39	128.0	119100.	798.8
Stddev	.1446	.30	.02	1.1	141.	17.0
%RSD	38.87	2.383	.0920	.8831	.1181	2.133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5021.	589.3	71.84	24.71	149.7	2.674
Stddev	14.	.1	4.94	.66	.5	.698
%RSD	.2713	.0164	6.875	2.653	.3630	26.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61118-B-18-C@20 Acquired: 8/16/2013 12:33:04 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.336	-5.139	43.24	501.4	24.14	5.053
Stddev	.738	.945	.14	1.5	.70	.597
%RSD	13.83	18.39	.3322	.3054	2.914	11.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.09	72.25	318.8	402.1
Stddev	.73	.03	.6	9.0
%RSD	3.283	.0439	.1900	2.239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5310.1	57960.	13533.
Stddev	4.7	90.	99.
%RSD	.08829	.15476	.73484

Sample Name: Sample-3 Acquired: 8/16/2013 12:36:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-10.56	-.4131	.0664	-.1175	.1820	1.374
Stddev	7.36	1.476	.4896	.2954	.0969	2.202
%RSD	69.68	357.2	737.9	251.5	53.24	160.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0641	-.2213	.0905	1.910	20.61	-9.000
Stddev	.0519	.0443	.3278	1.056	6.30	15.34
%RSD	80.88	20.00	362.3	55.27	30.56	170.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3000	.1052	-25.15	.1781	-.2530	1.677
Stddev	3.168	.0452	4.73	.0925	.2190	.905
%RSD	1056.	43.02	18.81	51.93	86.57	53.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Sample-3 Acquired: 8/16/2013 12:36:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1313	-.3283	.4942	-1.171	1.238	.9417
Stddev	1.154	1.949	.3467	.133	.563	.1807
%RSD	878.9	593.7	70.16	11.31	45.47	19.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3317	.0801	-.2045	-5.136
Stddev	.2358	.0432	.6750	16.69
%RSD	71.08	53.94	330.0	325.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5309.9	57879.	13251.
Stddev	2.9	146.	103.
%RSD	.05371	.25305	.77716

Sample Name: CCV Acquired: 8/16/2013 12:40:26 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	2470.	1233.	10130.	1008.	127500.
Stddev	269.	5.	4.	9.	2.	345.
%RSD	.2156	.2016	.3023	.0853	.2132	.2707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2518.	5047.	12460.	101300.	49930.
Stddev	1.	4.	10.	12.	207.	103.
%RSD	.1046	.1470	.2045	.0989	.2047	.2058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	5110.	126000.	2526.	7614.	986.5
Stddev	299.	18.	1025.	3.	19.	3.0
%RSD	.2366	.3532	.8135	.1092	.2472	.3088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 12:40:26 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2481.	2557.	2515.	2537.	997.5	2503.
Stddev	1.	4.	1.	6.	3.0	2.
%RSD	.0404	.1495	.0556	.2242	.3027	.0784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1010.	5063.	10050.	9605.
Stddev	2.	56.	14.	30.
%RSD	.2070	1.096	.1431	.3172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4832.3	52890.	12809.
Stddev	7.6	121.	68.
%RSD	.15751	.22933	.52776

Sample Name: CCB Acquired: 8/16/2013 12:44:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.907	.3147	-.1724	.3248	.2071	3.259
Stddev	9.673	.4948	.2960	.1216	.0687	.816
%RSD	332.8	157.2	171.7	37.43	33.14	25.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0611	.0395	.3382	2.353	12.20	8.621
Stddev	.0688	.1229	.3114	1.788	2.66	3.167
%RSD	112.5	311.4	92.08	76.02	21.77	36.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.167	.2791	3.617	.4373	.7831	2.870
Stddev	2.819	.1049	6.725	.3868	1.192	.331
%RSD	54.55	37.60	185.9	88.44	152.2	11.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 12:44:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.949	1.398	.6107	-.9493	2.103	8.567
Stddev	1.293	.714	.2881	.0938	.504	1.406
%RSD	43.85	51.04	47.17	9.884	23.95	16.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8722	.2537	2.324	9.975
Stddev	.3212	.0836	1.196	3.064
%RSD	36.83	32.97	51.47	30.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5232.1	57491.	13027.
Stddev	18.9	293.	18.
%RSD	.36184	.51025	.13497

Sample Name: MB 460-176523/1-A Acquired: 8/16/2013 12:54:45 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.265	.2420	-.1183	.0773	.2327	1.632
Stddev	3.879	.5988	.4052	.1264	.0252	2.833
%RSD	53.39	247.5	342.6	163.5	10.82	173.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0416	-.2280	.3425	.7583	.3449	6.195
Stddev	.0212	.3523	.1680	1.409	2.556	10.18
%RSD	50.86	154.5	49.03	185.8	741.1	164.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.536	-.0055	-19.55	.4586	-.8017	1.464
Stddev	.297	.0455	1.13	.5827	.8704	.767
%RSD	19.37	833.2	5.778	127.0	108.6	52.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176523/1-A Acquired: 8/16/2013 12:54:45 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4100	.6935	.3830	-1.179	1.096	.7988
Stddev	1.070	1.262	.2699	.070	.244	.1650
%RSD	261.1	182.0	70.46	5.950	22.27	20.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3219	.0468	-.2702	7.105
Stddev	.3387	.0261	.3930	7.074
%RSD	105.2	55.87	145.4	99.56
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5237.7	57439.	13042.
Stddev	10.1	356.	39.
%RSD	.19287	.62064	.29733

Sample Name: LCS 460-176523/2-A Acquired: 8/16/2013 12:58:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1976.	1931.	48.16	2062.	51.20	20650.
Stddev	6.	5.	.27	1.	.18	76.
%RSD	.3285	.2767	.5527	.0280	.3483	.3664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.65	511.9	204.4	248.1	1049.	19590.
Stddev	.01	.6	.7	1.6	7.	11.
%RSD	.0243	.1100	.3267	.6567	.6197	.0538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20630.	524.4	20270.	526.1	532.8	464.6
Stddev	75.	1.5	27.	.9	.7	3.2
%RSD	.3657	.2884	.1344	.1782	.1373	.6832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: LCS 460-176523/2-A Acquired: 8/16/2013 12:58:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2016.	2258.	489.0	521.1	511.7	480.1
Stddev	2.	1.	.4	.2	.3	2.9
%RSD	.1038	.0595	.0911	.0421	.0609	.5968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	522.9	487.4	498.4	64.93
Stddev	.7	1.0	.8	29.70
%RSD	.1416	.2133	.1650	45.74
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5246.4	57272.	13479.
Stddev	30.0	357.	89.
%RSD	.57257	.62346	.66269

Sample Name: 460-60843-J-15-B DU Acquired: 8/16/2013 13:01:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.19	17.14	.2750	15.27	-.6536	41030.
Stddev	3.15	1.37	.2907	.13	.0826	204.
%RSD	13.02	7.984	105.7	.8338	12.64	.4981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3418	174.9	2.981	3.442	12820.	4304.
Stddev	.0468	.8	.558	.872	65.	25.
%RSD	13.69	.4338	18.72	25.34	.5107	.5852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8310.	3731.	99270.	22.65	.2130	4.736
Stddev	36.	14.	533.	.75	1.328	.791
%RSD	.4329	.3824	.5373	3.304	623.6	16.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60843-J-15-B DU Acquired: 8/16/2013 13:01:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.515	-.2681	.5301	29.78	55.13	7.897
Stddev	.335	.8344	.1077	.08	.41	1.014
%RSD	22.10	311.2	20.32	.2544	.7375	12.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.004	221.6	4.144	2494.
Stddev	.383	.3	.685	20.
%RSD	38.16	.1489	16.54	.7920
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5105.9	55532.	13337.
Stddev	13.0	169.	24.
%RSD	.25462	.30433	.17654

Sample Name: 460-60843-J-15-A Acquired: 8/16/2013 13:05:31 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.37	16.27	-.0679	15.28	-.6460	41000.
Stddev	2.36	1.11	.1058	.21	.0241	50.
%RSD	13.57	6.790	155.7	1.368	3.726	.1222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3007	174.8	2.974	5.336	12840.	4290.
Stddev	.0476	.3	.104	.988	18.	23.
%RSD	15.83	.1651	3.499	18.51	.1394	.5402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8304.	3725.	99000.	22.30	-.1850	1.583
Stddev	16.	6.	159.	.25	1.048	.458
%RSD	.1923	.1612	.1606	1.127	566.7	28.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60843-J-15-A Acquired: 8/16/2013 13:05:31 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9220	.0063	.5257	29.73	54.60	4.115
Stddev	.9334	1.373	.0324	.17	.36	.433
%RSD	101.2	21920.	6.169	.5627	.6620	10.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0892	221.2	3.968	2489.
Stddev	.0772	.5	.353	9.
%RSD	86.54	.2162	8.893	.3602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5101.3	55351.	13333.
Stddev	19.9	223.	120.
%RSD	.38949	.40245	.90246

Sample Name: sd 460-60843-J-15-A Acquired: 8/16/2013 13:09:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.996	3.178	.0472	2.965	.0675	7686.
Stddev	5.105	.766	.6147	.078	.1196	42.
%RSD	255.7	24.10	1301.	2.636	177.3	.5498
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0011	33.88	.5730	2.527	2508.	824.1
Stddev	.0512	.54	.0517	.838	19.	5.4
%RSD	4522.	1.592	9.030	33.18	.7635	.6548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1593.	729.3	19060.	4.551	-.0006	2.007
Stddev	11.	4.6	130.	.375	.7687	.776
%RSD	.7110	.6353	.6806	8.242	134000.	38.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60843-J-15-A Acquired: 8/16/2013 13:09:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6321	-.5427	.5270	4.688	10.49	.9552
Stddev	.9058	.8958	.3016	.110	.39	.4212
%RSD	143.3	165.1	57.23	2.335	3.668	44.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0760	43.12	.5789	459.2
Stddev	.1324	.36	.4159	7.7
%RSD	174.3	.8353	71.84	1.679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5222.0	56876.	13236.
Stddev	19.5	243.	65.
%RSD	.37281	.42806	.49291

Sample Name: 460-60843-J-15-C MS Acquired: 8/16/2013 13:12:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1960.	1963.	47.43	2026.	49.68	60720.
Stddev	9.	3.	.66	.	.04	170.
%RSD	.4847	.1586	1.401	.0114	.0759	.2804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.22	667.4	202.7	250.9	13520.	23770.
Stddev	.12	.4	.2	.5	47.	9.
%RSD	.2319	.0640	.1219	.1998	.3443	.0359
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28100.	4151.	117200.	530.4	510.5	481.0
Stddev	74.	6.	856.	.3	1.0	1.4
%RSD	.2619	.1550	.7306	.0610	.2005	.2812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60843-J-15-C MS Acquired: 8/16/2013 13:12:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2001.	2125.	483.9	535.5	555.7	478.5
Stddev	6.	6.	1.4	.6	1.2	2.5
%RSD	.2752	.2898	.2921	.1208	.2167	.5217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	510.0	699.3	497.4	2526.
Stddev	1.6	.2	1.6	12.
%RSD	.3175	.0224	.3193	.4821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5063.7	55162.	13312.
Stddev	18.4	300.	101.
%RSD	.36430	.54446	.75802

Sample Name: pds 460-60843-J-15-A Acquired: 8/16/2013 13:16:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2088.	2048.	48.64	2137.	52.44	61220.
Stddev	21.	7.	.83	3.	.10	247.
%RSD	1.010	.3350	1.707	.1539	.1817	.4037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.96	692.8	213.5	263.7	13450.	24770.
Stddev	.03	.2	1.0	2.2	19.	43.
%RSD	.0548	.0350	.4735	.8505	.1440	.1720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29040.	4140.	117600.	559.3	540.7	487.3
Stddev	142.	8.	313.	1.6	.5	1.4
%RSD	.4879	.1899	.2658	.2799	.0836	.2841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60843-J-15-A Acquired: 8/16/2013 13:16:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2115.	2243.	510.7	564.0	584.2	508.0
Stddev	6.	3.	2.0	.8	.1	.8
%RSD	.2660	.1200	.3841	.1485	.0175	.1506
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	538.2	724.6	524.6	2509.
Stddev	2.0	1.0	1.1	22.
%RSD	.3624	.1382	.2180	.8684
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5032.4	54967.	13293.
Stddev	17.4	254.	121.
%RSD	.34498	.46142	.90734

Sample Name: 460-60843-J-17-A Acquired: 8/16/2013 13:19:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.53	6.488	.1084	237.6	.0312	86730.
Stddev	7.84	1.529	.1496	.3	.0305	137.
%RSD	29.55	23.56	138.0	.1212	97.81	.1576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2925	.1544	.0536	2.210	14740.	10380.
Stddev	.0450	.2338	.5581	.929	11.	21.
%RSD	15.40	151.4	1042.	42.04	.0737	.2004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16750.	762.6	F 330200.	.5480	-.3001	3.357
Stddev	9.	.3	5455.	.6906	1.271	.965
%RSD	.0525	.0374	1.652	126.0	423.5	28.74
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60843-J-17-A Acquired: 8/16/2013 13:19:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.977	.0563	.4156	2.085	255.4	4.356
Stddev	.398	1.138	.2354	.249	.7	.905
%RSD	13.36	2022.	56.66	11.93	.2658	20.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6013	786.7	8.131	12160.
Stddev	.2925	.4	.228	93.
%RSD	48.65	.0537	2.801	.7614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4896.6	53117.	13219.
Stddev	13.3	209.	73.
%RSD	.27254	.39266	.55004

Sample Name: 460-60843-J-19-A Acquired: 8/16/2013 13:23:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.08	.5581	-.2504	391.2	.0727	122200.
Stddev	4.28	.8232	.5021	.4	.0553	391.
%RSD	13.33	147.5	200.5	.0903	76.04	.3197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.149	-.7118	-.5119	.7199	53390.	10390.
Stddev	.096	.1776	.2241	1.314	187.	11.
%RSD	8.360	24.94	43.77	182.6	.3507	.1032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22190.	875.9	F 434600.	-.0348	-.1325	2.589
Stddev	69.	2.4	10310.	.4576	1.184	.605
%RSD	.3123	.2689	2.371	1316.	893.4	23.35
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60843-J-19-A Acquired: 8/16/2013 13:23:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6063	-.2286	-.7842	9.105	255.5	.9174
Stddev	1.913	.4917	.3111	.083	.7	.1914
%RSD	315.5	215.1	39.67	.9153	.2557	20.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3422	1119.	6.696	15460.
Stddev	.1934	3.	.382	57.
%RSD	56.53	.2850	5.701	.3695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4795.7	52118.	13215.
Stddev	11.6	129.	53.
%RSD	.24088	.24731	.39743

Sample Name: 460-61267-A-1-A Acquired: 8/16/2013 13:27:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.40	1.646	-.2723	746.8	-.5072	137500.
Stddev	4.64	1.026	1.023	1.8	.0286	863.
%RSD	15.26	62.32	375.6	.2384	5.634	.6276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2980	2.784	-1.272	2.644	99.27	83900.
Stddev	.1553	.044	.343	1.545	4.61	173.
%RSD	52.13	1.588	26.98	58.42	4.641	.2059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 304900.	3130.	F 1086000.	9.507	-1.063	1.287
Stddev	2133.	17.	97160.	.536	1.013	2.929
%RSD	.6996	.5377	8.945	5.637	95.36	227.6
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Sample Name: 460-61267-A-1-A Acquired: 8/16/2013 13:27:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1696	-1.159	1.129	1.724	1410.	3.131
Stddev	1.269	.515	.125	.042	1.	.403
%RSD	748.6	44.42	11.07	2.424	.0876	12.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0510	1707.	14.09	11540.
Stddev	.3664	3.	.09	32.
%RSD	718.0	.2046	.6714	.2815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4261.0	45767.	12417.
Stddev	2.8	109.	57.
%RSD	.06559	.23882	.45852

Sample Name: CCV Acquired: 8/16/2013 13:30:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	2465.	1232.	10120.	1007.	126700.
Stddev	130.	1.	4.	21.	1.	88.
%RSD	.1041	.0583	.2873	.2094	.1363	.0691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1257.	2512.	5028.	12460.	100800.	50030.
Stddev	4.	4.	8.	10.	66.	76.
%RSD	.2833	.1662	.1621	.0810	.0657	.1522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125800.	5096.	121900.	2521.	7588.	986.4
Stddev	171.	9.	1422.	7.	19.	3.9
%RSD	.1360	.1699	1.167	.2587	.2523	.3980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 13:30:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2478.	2550.	2506.	2520.	999.0	2500.
Stddev	9.	7.	2.	5.	3.3	11.
%RSD	.3495	.2751	.0954	.2151	.3337	.4227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	5070.	10040.	9638.
Stddev	4.	146.	19.	6.
%RSD	.3555	2.870	.1909	.0622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4810.4	52794.	12862.
Stddev	12.9	159.	29.
%RSD	.26735	.30193	.22497

Sample Name: CCB Acquired: 8/16/2013 13:34:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.267	.5378	-.3830	.2942	.3061	2.305
Stddev	1.554	.2659	.2429	.1272	.0552	6.719
%RSD	47.57	49.44	63.41	43.23	18.03	291.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0478	-.0998	.3351	2.502	15.34	45.86
Stddev	.0498	.1755	.3268	.543	6.92	35.54
%RSD	104.2	175.8	97.55	21.70	45.09	77.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.538	.1695	92.34	-.3278	.3451	2.661
Stddev	2.620	.0599	36.61	.3858	.4224	.448
%RSD	57.73	35.36	39.65	117.7	122.4	16.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 13:34:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.806	.6536	.2160	-1.045	2.929	8.739
Stddev	.513	.6690	.1512	.090	.554	1.373
%RSD	13.47	102.4	69.97	8.603	18.91	15.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8167	.2337	2.497	2.697
Stddev	.3263	.0527	1.544	9.010
%RSD	39.95	22.56	61.83	334.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5217.6	57180.	12910.
Stddev	14.2	173.	70.
%RSD	.27278	.30297	.53889

Sample Name: 460-60937-J-1-A Acquired: 8/16/2013 13:38:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.50	8.517	.2318	241.4	-.0006	66540.
Stddev	6.27	.371	1.131	.8	.0278	123.
%RSD	17.65	4.353	488.1	.3265	4323.	.1846
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4261	.6128	.9003	2.446	45680.	7084.
Stddev	.1090	.2140	.3786	.387	76.	21.
%RSD	25.57	34.92	42.05	15.82	.1665	.2946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10710.	933.9	147900.	1.142	.7444	-.5941
Stddev	23.	1.1	2655.	.539	.5626	1.332
%RSD	.2119	.1138	1.796	47.19	75.57	224.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-1-A Acquired: 8/16/2013 13:38:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8800	-.8284	.4894	27.09	122.7	1.005
Stddev	2.427	1.372	.1388	.07	.3	.183
%RSD	275.8	165.6	28.36	.2491	.2718	18.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3289	566.3	3.717	8515.
Stddev	.4928	1.1	.978	36.
%RSD	149.8	.1997	26.32	.4269
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5036.6	54833.	13151.
Stddev	34.0	549.	76.
%RSD	.67561	1.0015	.57716

Sample Name: 460-60937-J-3-A Acquired: 8/16/2013 13:42:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.47	-.4144	-.5102	272.7	-.1670	134100.
Stddev	2.82	.8815	.1814	.3	.0205	636.
%RSD	22.63	212.7	35.55	.1160	12.27	.4744
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8191	.6181	.1813	1.995	8442.	9465.
Stddev	.0785	.1122	.4139	1.304	24.	20.
%RSD	9.587	18.16	228.3	65.37	.2850	.2064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20460.	1665.	F 357800.	1.393	-1.145	.1433
Stddev	106.	6.	11480.	.374	.262	.8572
%RSD	.5161	.3730	3.209	26.85	22.92	598.3
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60937-J-3-A Acquired: 8/16/2013 13:42:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.572	.0468	2.043	17.89	210.3	.4221
Stddev	1.663	.4452	.123	.02	.7	.0978
%RSD	105.8	951.4	6.026	.1392	.3100	23.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2798	686.5	12.82	12650.
Stddev	.3696	1.3	.28	106.
%RSD	132.1	.1848	2.216	.8393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4815.2	52084.	12957.
Stddev	9.9	196.	71.
%RSD	.20576	.37559	.55079

Sample Name: 460-60937-J-5-A Acquired: 8/16/2013 13:45:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.523	2.339	-.6005	.0204	.2454	75.45
Stddev	9.378	.669	.0521	.1253	.0880	4.39
%RSD	371.7	28.58	8.673	614.5	35.85	5.825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0000	-.0944	.3056	1.733	4.292	40.50
Stddev	.0281	.3868	.1514	1.707	5.207	19.12
%RSD	56320.	409.9	49.53	98.53	121.3	47.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.772	.2483	284.0	.3295	.4220	1.149
Stddev	2.398	.0392	39.8	.0775	.9878	1.128
%RSD	63.56	15.78	14.01	23.51	234.1	98.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-5-A Acquired: 8/16/2013 13:45:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8969	2.515	.2573	3.613	3.189	.1080
Stddev	.9239	1.313	.2512	.070	.191	.0825
%RSD	103.0	52.18	97.65	1.951	5.975	76.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2134	.1776	.1020	37.52
Stddev	.2352	.0198	.3720	5.21
%RSD	110.2	11.15	364.8	13.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5303.0	57811.	13222.
Stddev	9.9	189.	92.
%RSD	.18682	.32687	.69350

Sample Name: 460-60937-J-7-A Acquired: 8/16/2013 13:49:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2008.	13.68	-.1788	148.7	-.0241	24550.
Stddev	27.	1.13	.5977	.5	.0366	146.
%RSD	1.335	8.233	334.2	.3685	151.7	.5926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0658	2.044	3.548	4.308	25910.	3942.
Stddev	.1196	.047	.120	1.460	112.	16.
%RSD	181.7	2.274	3.387	33.89	.4328	.4086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11810.	1324.	104100.	3.515	3.112	1.290
Stddev	60.	5.	437.	.159	.309	1.214
%RSD	.5060	.3774	.4201	4.521	9.941	94.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-7-A Acquired: 8/16/2013 13:49:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6864	-.3167	3.555	52.61	76.91	.4227
Stddev	2.565	1.216	.133	.15	.52	.1110
%RSD	373.7	383.8	3.745	.2846	.6746	26.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0486	134.6	65.46	7220.
Stddev	.3635	.2	11.99	107.
%RSD	747.5	.1720	18.32	1.486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5101.7	55227.	13134.
Stddev	9.3	68.	86.
%RSD	.18271	.12310	.65701

Sample Name: 460-60937-J-9-A Acquired: 8/16/2013 13:53:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.77	2.542	-.0757	211.7	-.1729	106800.
Stddev	11.65	.713	.2798	.2	.0562	149.
%RSD	62.06	28.05	369.7	.1079	32.52	.1390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2189	4.315	.5752	1.635	66190.	5731.
Stddev	.0676	.147	.1976	1.507	100.	12.
%RSD	30.87	3.402	34.36	92.18	.1517	.2105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16650.	1902.	118900.	11.12	-.0603	.0695
Stddev	30.	3.	433.	.43	1.064	.9119
%RSD	.1788	.1683	.3646	3.886	1764.	1311.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-9-A Acquired: 8/16/2013 13:53:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.224	-.6431	39.06	16.79	83.41	.1619
Stddev	1.057	.7624	.39	.19	.37	.2033
%RSD	86.36	118.6	.9873	1.112	.4431	125.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4983	435.2	3.301	18810.
Stddev	.3523	.3	.716	80.
%RSD	70.70	.0785	21.70	.4229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4987.5	54469.	13187.
Stddev	9.7	168.	90.
%RSD	.19388	.30769	.67939

Sample Name: 460-60937-J-9-B MS Acquired: 8/16/2013 13:56:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2051.	2002.	50.88	2282.	51.83	131400.
Stddev	7.	6.	1.79	7.	.20	713.
%RSD	.3256	.2985	3.518	.3212	.3867	.5430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.07	512.6	204.8	254.0	69260.	26340.
Stddev	.37	1.5	1.0	1.5	374.	76.
%RSD	.7153	.3007	.4699	.6041	.5403	.2882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37370.	2488.	144500.	525.3	517.7	494.0
Stddev	198.	10.	980.	2.4	1.7	2.4
%RSD	.5310	.4182	.6778	.4651	.3293	.4851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-9-B MS Acquired: 8/16/2013 13:56:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2036.	2128.	538.9	527.4	601.6	491.4
Stddev	13.	9.	2.4	2.8	1.7	3.3
%RSD	.6188	.4290	.4448	.5291	.2746	.6759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.9	957.4	513.7	19840.
Stddev	2.8	2.1	2.9	199.
%RSD	.5410	.2152	.5727	1.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4917.6	53810.	13102.
Stddev	5.5	163.	54.
%RSD	.11095	.30245	.41289

Sample Name: 460-60937-J-11-A Acquired: 8/16/2013 14:00:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68.13	116.6	.3203	146.8	-.3451	110400.
Stddev	12.37	.7	.6003	.4	.0819	93.
%RSD	18.16	.6348	187.4	.2834	23.72	.0843
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5375	5.078	-.1773	3.139	104600.	12360.
Stddev	.2058	.176	.2149	.942	46.	21.
%RSD	38.30	3.470	121.3	30.01	.0442	.1714
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11240.	2898.	F 322400.	9.751	2.010	1.423
Stddev	9.	1.	2684.	.941	1.016	.885
%RSD	.0834	.0301	.8326	9.650	50.54	62.22
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60937-J-11-A Acquired: 8/16/2013 14:00:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.337	-3.248	87.75	1.626	143.7	3.272
Stddev	1.319	1.963	.03	.080	.3	.565
%RSD	30.41	60.45	.0289	4.917	.2210	17.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1649	669.3	.9358	6547.
Stddev	.2359	.6	.4737	45.
%RSD	143.0	.0966	50.62	.6918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4860.5	52940.	13138.
Stddev	14.1	328.	181.
%RSD	.28908	.61893	1.3766

Sample Name: 460-60937-J-13-A Acquired: 8/16/2013 14:04:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.82	2.510	-.9188	76.74	.1453	112400.
Stddev	9.53	1.201	.1950	.41	.0556	479.
%RSD	29.93	47.83	21.22	.5286	38.29	.4264
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1306	1.093	.4711	14.17	14320.	4985.
Stddev	.0408	.260	.2221	2.16	59.	10.
%RSD	31.22	23.83	47.16	15.23	.4100	.1956
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9689.	386.0	27980.	5.275	-.6032	1.472
Stddev	41.	1.3	45.	.331	1.822	2.351
%RSD	.4269	.3478	.1618	6.266	302.1	159.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-13-A Acquired: 8/16/2013 14:04:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7974	.8253	19.17	9.940	103.1	1.063
Stddev	1.899	.5532	.16	.195	.4	.328
%RSD	238.2	67.03	.8392	1.966	.4316	30.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3752	765.4	10.62	15570.
Stddev	.2483	.4	.12	72.
%RSD	66.18	.0469	1.117	.4642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5090.5	55452.	13174.
Stddev	4.4	109.	88.
%RSD	.08696	.19653	.66998

Sample Name: 460-60937-J-15-A Acquired: 8/16/2013 14:07:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.65	20.80	-.3158	5.997	.1428	33210.
Stddev	10.52	1.03	.3422	.252	.0602	87.
%RSD	44.48	4.951	108.4	4.200	42.14	.2625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2226	4.336	.8686	31.93	15470.	3964.
Stddev	.0777	.094	.0187	1.21	37.	14.
%RSD	34.92	2.166	2.149	3.791	.2394	.3594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5688.	308.8	46340.	13.41	1.144	3.611
Stddev	3.	1.2	135.	.48	1.263	1.555
%RSD	.0581	.3925	.2911	3.557	110.5	43.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-15-A Acquired: 8/16/2013 14:07:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.834	.4561	5.148	46.46	268.9	36.28
Stddev	1.520	1.957	.337	.39	.8	.27
%RSD	82.89	429.2	6.538	.8412	.3037	.7384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0626	207.1	3.633	9564.
Stddev	.1448	.7	.809	44.
%RSD	231.4	.3231	22.28	.4639
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5164.2	56213.	13214.
Stddev	3.6	190.	69.
%RSD	.07042	.33781	.52083

Sample Name: 460-60937-J-17-A Acquired: 8/16/2013 14:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	545.8	33.68	-.4527	156.2	.0832	32820.
Stddev	9.7	.70	.4702	.4	.0207	44.
%RSD	1.770	2.080	103.9	.2420	24.85	.1337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1163	2.726	1.229	2.836	52090.	3946.
Stddev	.0431	.065	.319	.544	93.	7.
%RSD	37.08	2.392	25.95	19.20	.1781	.1880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13980.	748.6	110500.	1.469	1.515	-.5691
Stddev	24.	.8	582.	.189	1.388	.6426
%RSD	.1727	.1105	.5264	12.87	91.60	112.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60937-J-17-A Acquired: 8/16/2013 14:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.001	-1.295	.5409	5.625	54.04	.4221
Stddev	.851	1.059	.1444	.156	.20	.2487
%RSD	85.01	81.81	26.69	2.776	.3617	58.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6160	152.1	13.56	8018.
Stddev	.1245	.2	3.17	46.
%RSD	20.22	.1401	23.38	.5779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5075.9	54716.	12967.
Stddev	8.8	273.	20.
%RSD	.17340	.49811	.15526

Sample Name: CCV Acquired: 8/16/2013 14:15:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124500.	2450.	1225.	10080.	1004.	127000.
Stddev	716.	5.	8.	34.	6.	659.
%RSD	.5750	.2238	.6136	.3347	.6263	.5187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1255.	2505.	5034.	12430.	101100.	50140.
Stddev	3.	8.	24.	75.	559.	269.
%RSD	.2493	.3191	.4863	.6000	.5532	.5366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	5097.	125600.	2514.	7573.	982.6
Stddev	624.	36.	331.	9.	26.	3.2
%RSD	.4943	.6980	.2631	.3592	.3453	.3306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 14:15:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2465.	2547.	2500.	2525.	991.0	2486.
Stddev	4.	12.	14.	11.	5.5	4.
%RSD	.1570	.4676	.5757	.4495	.5546	.1783
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1006.	4972.	10020.	9421.
Stddev	6.	67.	49.	49.
%RSD	.5532	1.338	.4916	.5185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4823.0	52711.	12638.
Stddev	6.3	95.	77.
%RSD	.13021	.18079	.61026

Sample Name: CCB Acquired: 8/16/2013 14:18:46 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.273	.3482	-.4754	.3150	.2443	.6337
Stddev	5.503	.9870	.2275	.3662	.0565	3.692
%RSD	59.34	283.5	47.84	116.2	23.12	582.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1057	-.2397	.6360	.5490	15.47	53.60
Stddev	.0591	.1983	.4358	.5408	4.89	20.32
%RSD	55.90	82.71	68.52	98.49	31.65	37.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.806	.2568	46.39	.2798	-.2862	2.643
Stddev	2.681	.1137	16.60	.9139	.6219	.666
%RSD	55.79	44.26	35.79	326.6	217.3	25.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 14:18:46 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.084	1.705	.4939	-1.032	2.409	8.698
Stddev	.015	1.536	.1259	.055	1.091	1.433
%RSD	.7119	90.08	25.49	5.299	45.28	16.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.004	.3272	2.755	5.173
Stddev	.342	.1818	.993	7.058
%RSD	34.03	55.56	36.04	136.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5223.7	57030.	12755.
Stddev	34.8	335.	11.
%RSD	.66646	.58674	.08465

Sample Name: 460-60946-A-4-A Acquired: 8/16/2013 14:22:31 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.59	2.154	-.4807	1.138	.1725	85.36
Stddev	.54	1.462	.3902	.242	.0337	1.97
%RSD	4.301	67.91	81.18	21.26	19.55	2.309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0811	-.1194	3.794	25.45	444.9	55.89
Stddev	.0793	.0322	.374	1.54	6.9	17.34
%RSD	97.69	26.93	9.846	6.042	1.543	31.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.35	1.509	2275.	111.7	2.113	1.425
Stddev	3.62	.032	6.	.1	1.107	.366
%RSD	31.93	2.141	.2688	.1261	52.38	25.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60946-A-4-A Acquired: 8/16/2013 14:22:31 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9194	2.020	.3961	11.97	13.16	.6756
Stddev	2.022	.599	.2159	.04	.38	.2202
%RSD	219.9	29.64	54.50	.3182	2.864	32.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.21	.3340	.2262	40.88
Stddev	.43	.0712	.5832	8.09
%RSD	3.020	21.33	257.8	19.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5384.4	58435.	13231.
Stddev	40.5	494.	46.
%RSD	.75184	.84594	.34533

Sample Name: 460-60956-A-1-B Acquired: 8/16/2013 14:26:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88.48	5.895	-.9424	97.89	.1454	35450.
Stddev	3.25	.790	.3933	.27	.0182	73.
%RSD	3.679	13.41	41.73	.2719	12.51	.2066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1740	.7638	3.882	26.90	1677.	12960.
Stddev	.0800	.1048	.252	1.01	5.	4.
%RSD	45.98	13.71	6.501	3.771	.2891	.0339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7507.	244.7	60890.	5.008	2.248	2.300
Stddev	16.	.9	98.	.419	.389	1.294
%RSD	.2197	.3581	.1610	8.374	17.31	56.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60956-A-1-B Acquired: 8/16/2013 14:26:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6146	1.206	1.666	132.1	56.54	1.699
Stddev	1.069	.728	.381	.2	.34	.114
%RSD	173.9	60.35	22.88	.1327	.6055	6.691
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4019	170.9	7.224	3168.
Stddev	.2649	.5	.594	22.
%RSD	65.92	.2766	8.220	.6799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5122.3	56052.	13425.
Stddev	25.5	272.	75.
%RSD	.49854	.48544	.56121

Sample Name: 460-60970-A-1-A Acquired: 8/16/2013 14:29:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1265.	5.379	1.105	658.9	.0655	66110.
Stddev	9.	.257	.879	1.3	.0963	291.
%RSD	.7467	4.778	79.52	.1940	147.0	.4398
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.27	241.5	191.2	161.9	33260.	F 101100.
Stddev	.07	.7	1.2	.0	140.	504.
%RSD	.3834	.2887	.6086	.0188	.4220	.4990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24980.	366.5	108300.	701.9	36.91	3.161
Stddev	95.	1.1	942.	1.1	.07	.966
%RSD	.3799	.2920	.8692	.1571	.1917	30.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60970-A-1-A Acquired: 8/16/2013 14:29:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.97	F -29.09	5.585	2460.	136.5	196.9
Stddev	2.67	.48	.154	5.	.2	1.4
%RSD	22.30	1.658	2.754	.1981	.1729	.6923
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-20.00				

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.191	203.1	63.62	8960.
Stddev	.333	.7	.78	16.
%RSD	5.383	.3548	1.233	.1753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5151.4	55621.	13327.
Stddev	5.3	152.	54.
%RSD	.10351	.27340	.40767

Sample Name: 460-60970-A-2-A Acquired: 8/16/2013 14:33:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	425.4	3.011	.7426	101.7	.0389	55800.
Stddev	8.1	1.445	.1983	.2	.0832	108.
%RSD	1.908	47.99	26.70	.2129	214.1	.1927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.490	97.95	79.68	59.70	63610.	45610.
Stddev	.074	.40	.13	.34	145.	82.
%RSD	4.997	.4073	.1651	.5765	.2286	.1792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24100.	475.7	81510.	342.8	15.03	.7754
Stddev	68.	.7	109.	.7	1.57	.9888
%RSD	.2838	.1427	.1339	.2170	10.47	127.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60970-A-2-A Acquired: 8/16/2013 14:33:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.684	-9.224	.2855	923.2	87.02	80.16
Stddev	1.547	1.533	.3939	4.0	.53	.08
%RSD	23.15	16.62	138.0	.4368	.6136	.1030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.452	163.3	14.87	8347.
Stddev	.432	.5	.24	825.
%RSD	17.63	.3141	1.643	9.886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5055.7	54928.	13169.
Stddev	21.1	301.	87.
%RSD	.41812	.54852	.65788

Sample Name: 460-60970-A-3-A Acquired: 8/16/2013 14:37:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	743.2	4.842	.5962	734.4	.1034	60530.
Stddev	6.7	.670	.6339	1.4	.0877	332.
%RSD	.9042	13.84	106.3	.1844	84.82	.5482
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.154	138.6	107.6	89.00	57250.	62890.
Stddev	.133	.2	.7	1.54	190.	105.
%RSD	6.166	.1785	.6486	1.726	.3325	.1663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26580.	294.6	95850.	475.8	20.28	1.416
Stddev	146.	1.2	351.	.9	.78	1.604
%RSD	.5474	.4176	.3662	.1951	3.822	113.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60970-A-3-A Acquired: 8/16/2013 14:37:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.820	-15.70	2.042	3341.	109.4	124.7
Stddev	1.886	.55	.249	9.	.4	.6
%RSD	32.41	3.509	12.21	.2555	.3899	.4643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.368	173.1	115.5	8969.
Stddev	.423	.4	3.2	38.
%RSD	12.56	.2097	2.730	.4242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5032.8	54613.	13137.
Stddev	10.8	145.	46.
%RSD	.21521	.26492	.34907

Sample Name: 460-60970-A-4-A Acquired: 8/16/2013 14:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1971.	5.860	.2706	1386.	.3513	61180.
Stddev	47.	1.820	.4156	5.	.2471	103.
%RSD	2.366	31.06	153.6	.3916	70.35	.1675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.246	188.8	350.5	133.6	6678.	F 229900.
Stddev	.227	.4	.3	2.0	53.	1281.
%RSD	10.10	.2043	.0887	1.521	.7921	.5574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						100000.
Low Limit						-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22180.	144.6	64100.	725.5	33.56	5.391
Stddev	29.	2.3	204.	2.1	2.41	1.444
%RSD	.1305	1.619	.3183	.2914	7.189	26.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60970-A-4-A Acquired: 8/16/2013 14:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.533	-9.443	6.980	3144.	81.86	127.5
Stddev	1.419	1.132	.618	6.	.17	.9
%RSD	16.63	11.99	8.848	.2024	.2106	.6786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.619	200.2	101.1	8988.
Stddev	.730	1.1	3.0	89.
%RSD	11.03	.5349	3.011	.9893
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5014.3	54297.	12968.
Stddev	13.3	291.	153.
%RSD	.26449	.53584	1.1776

Sample Name: 460-61026-I-1-B Acquired: 8/16/2013 14:44:04 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	91.52	2.574	-1.151	77.58	.1716	38530.
Stddev	5.19	.248	.442	.24	.0254	154.
%RSD	5.675	9.647	38.39	.3112	14.82	.3984
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2871	2.564	3.545	.4251	357.0	5466.
Stddev	.1032	.149	.195	1.493	7.8	37.
%RSD	35.94	5.799	5.485	351.3	2.196	.6722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5815.	330.8	F 302400.	3.976	.2190	-.3349
Stddev	15.	.9	1553.	.190	.2573	1.550
%RSD	.2612	.2672	.5134	4.774	117.5	462.8
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61026-I-1-B Acquired: 8/16/2013 14:44:04 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.354	.4603	1.001	12.69	102.0	1.616
Stddev	.500	1.786	.088	.14	.8	.294
%RSD	36.93	388.2	8.771	1.076	.7938	18.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4242	207.9	6.448	2854.
Stddev	.5972	.3	.554	12.
%RSD	140.8	.1323	8.593	.4334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4939.2	52851.	12770.
Stddev	28.4	329.	144.
%RSD	.57484	.62163	1.1247

Sample Name: CCV Acquired: 8/16/2013 14:47:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	2458.	1237.	10130.	1007.	129000.
Stddev	86.	9.	2.	22.	1.	186.
%RSD	.0691	.3636	.1873	.2192	.1166	.1442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2515.	5103.	12450.	102300.	50410.
Stddev	3.	6.	8.	5.	302.	52.
%RSD	.2625	.2379	.1629	.0381	.2951	.1037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	128400.	5165.	125400.	2526.	7629.	984.3
Stddev	259.	15.	87.	5.	12.	3.2
%RSD	.2017	.2916	.0691	.2050	.1568	.3285
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 14:47:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2468.	2573.	2524.	2555.	988.4	2496.
Stddev	8.	5.	4.	5.	1.4	10.
%RSD	.3180	.1976	.1584	.2091	.1412	.3862
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1013.	5022.	10050.	9370.
Stddev	2.	42.	6.	58.
%RSD	.1558	.8307	.0588	.6218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4789.1	51860.	12386.
Stddev	14.7	220.	52.
%RSD	.30780	.42450	.41833

Sample Name: CCB Acquired: 8/16/2013 14:51:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.528	-.0975	-.1454	.3278	.2840	-1.133
Stddev	9.197	2.538	.7830	.2252	.0840	2.982
%RSD	140.9	2603.	538.6	68.70	29.57	263.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0773	-.1148	.4028	1.546	7.137	49.05
Stddev	.0962	.2257	.1258	1.013	4.447	13.17
%RSD	124.4	196.5	31.22	65.48	62.31	26.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.466	.1906	65.63	.2416	-.1913	1.799
Stddev	4.400	.1281	18.04	.4155	.8814	.349
%RSD	126.9	67.23	27.49	172.0	460.9	19.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 14:51:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.497	.7197	.3460	-1.063	2.106	8.919
Stddev	.957	1.120	.2243	.181	.357	1.435
%RSD	63.88	155.6	64.82	17.00	16.95	16.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7503	.1982	2.673	.2327
Stddev	.0794	.0858	1.444	18.66
%RSD	10.59	43.30	54.00	8020.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5238.2	56895.	12703.
Stddev	21.3	202.	44.
%RSD	.40653	.35444	.34334

Sample Name: CCB Acquired: 8/16/2013 17:20:54 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.323	1.026	-.5700	.1523	.2845	1.080
Stddev	13.15	1.207	.3392	.1947	.0292	3.511
%RSD	994.2	117.6	59.51	127.9	10.27	325.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0397	-.0761	.0590	1.299	13.78	20.45
Stddev	.1379	.1714	.2417	.325	3.87	15.83
%RSD	346.9	225.4	409.8	25.06	28.05	77.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.302	.1950	110.5	.1413	.5555	2.635
Stddev	3.246	.0492	19.4	.3756	.8677	1.555
%RSD	98.29	25.26	17.52	265.8	156.2	59.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 17:20:54 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.752	1.542	.4806	-1.020	3.071	8.237
Stddev	2.203	1.211	.2711	.050	.705	1.310
%RSD	125.8	78.52	56.40	4.857	22.95	15.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6643	.2276	2.867	5.820
Stddev	.0622	.1282	.870	6.044
%RSD	9.368	56.32	30.36	103.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5284.6	57597.	12811.
Stddev	17.7	144.	53.
%RSD	.33531	.24945	.41554

Sample Name: sd 460-61189-A-1-B Acquired: 8/16/2013 15:25:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.57	.4646	-.4721	46.10	.2351	11290.
Stddev	16.78	1.347	.5502	.19	.0255	29.
%RSD	37.66	289.9	116.5	.4092	10.86	.2535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0951	.9419	-.1832	4.919	39.45	398.0
Stddev	.0147	.2464	.0846	.312	3.84	9.6
%RSD	15.47	26.16	46.15	6.347	9.724	2.415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1350.	130.9	56550.	1.301	20.63	.8294
Stddev	8.	.2	97.	.225	.85	1.296
%RSD	.5829	.1609	.1710	17.28	4.100	156.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61189-A-1-B Acquired: 8/16/2013 15:25:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7926	.7082	.4192	26.47	4.676	.1126
Stddev	1.007	1.012	.0615	.15	.238	.1514
%RSD	127.1	142.9	14.68	.5621	5.082	134.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3635	23.30	2.613	137.6
Stddev	.3576	.09	.286	8.8
%RSD	98.36	.3792	10.93	6.383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5152.7	55346.	12656.
Stddev	6.8	83.	15.
%RSD	.13213	.15056	.11623

Sample Name: pds 460-61189-A-1-B Acquired: 8/16/2013 15:32:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2190.	1894.	46.53	2219.	49.93	79240.
Stddev	4.	5.	.57	1.	.15	67.
%RSD	.1774	.2672	1.226	.0237	.3061	.0849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.01	495.0	201.9	261.1	1179.	21600.
Stddev	.04	1.2	1.1	.6	2.	61.
%RSD	.0790	.2391	.5585	.2164	.1533	.2823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26140.	1171.	F 291000.	503.5	600.9	457.7
Stddev	40.	1.	8671.	.5	1.2	1.2
%RSD	.1533	.1230	2.980	.0961	.2079	.2513
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: pds 460-61189-A-1-B Acquired: 8/16/2013 15:32:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1929.	1993.	490.0	646.7	495.0	479.5
Stddev	7.	3.	1.3	1.0	1.2	1.0
%RSD	.3774	.1605	.2559	.1486	.2492	.2026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	501.6	593.2	506.9	842.8
Stddev	.9	1.1	2.0	14.4
%RSD	.1816	.1878	.3886	1.709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4868.8	52138.	12501.
Stddev	1.5	79.	65.
%RSD	.03115	.15232	.52013

Sample Name: 460-61199-A-1-G Acquired: 8/16/2013 15:40:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	111.9	2.307	-.4495	180.9	.0679	57010.
Stddev	7.5	1.292	.6760	.3	.0458	297.
%RSD	6.681	56.01	150.4	.1759	67.43	.5213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6337	6.088	-.0735	7.170	99.73	1259.
Stddev	.0720	.158	.2133	1.064	8.21	15.
%RSD	11.37	2.597	290.3	14.84	8.233	1.170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3500.	633.6	F 281200.	5.553	47.03	1.065
Stddev	12.	1.7	4637.	.585	.39	.949
%RSD	.3401	.2653	1.649	10.53	.8307	89.07
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61199-A-1-G Acquired: 8/16/2013 15:40:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.375	.5906	.6169	130.6	17.78	.1107
Stddev	1.787	1.701	.3469	.5	.21	.2991
%RSD	130.0	288.1	56.24	.4156	1.173	270.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4023	137.3	9.628	545.5
Stddev	.4313	.2	1.020	8.4
%RSD	107.2	.1665	10.59	1.535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4950.7	53129.	12828.
Stddev	5.2	142.	60.
%RSD	.10563	.26773	.47018

Sample Name: CCV Acquired: 8/16/2013 15:47:47 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	2454.	1231.	10110.	1002.	128200.
Stddev	259.	7.	1.	20.	2.	309.
%RSD	.2072	.2898	.1125	.1982	.1704	.2408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2515.	5075.	12430.	101800.	50430.
Stddev	5.	6.	13.	42.	212.	146.
%RSD	.3801	.2311	.2632	.3406	.2081	.2892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127400.	5128.	125200.	2524.	7618.	979.7
Stddev	202.	26.	344.	7.	25.	2.5
%RSD	.1584	.5126	.2751	.2678	.3251	.2549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 15:47:47 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2466.	2559.	2518.	2549.	991.6	2492.
Stddev	4.	5.	5.	12.	.6	9.
%RSD	.1615	.1791	.1847	.4751	.0617	.3730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1014.	5016.	10030.	9351.
Stddev	3.	28.	26.	36.
%RSD	.2696	.5611	.2597	.3868
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4813.0	52414.	12544.
Stddev	14.6	151.	53.
%RSD	.30363	.28876	.42580

Sample Name: CCB Acquired: 8/16/2013 15:51:24 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.393	1.288	-.4022	.3301	.2646	2.194
Stddev	10.78	1.596	.5644	.2086	.0772	3.331
%RSD	114.8	123.9	140.3	63.20	29.16	151.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0188	.1425	.3937	.6706	13.52	27.97
Stddev	.0295	.3204	.1386	.8097	9.09	11.45
%RSD	157.1	224.8	35.22	120.7	67.27	40.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.296	.2262	74.12	.5375	-.2432	1.342
Stddev	2.219	.1130	22.87	.5620	.5242	1.995
%RSD	30.41	49.95	30.85	104.6	215.6	148.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 15:51:24 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.177	1.345	.6666	-1.110	1.895	8.336
Stddev	.643	.290	.0934	.124	.811	1.134
%RSD	29.53	21.56	14.02	11.15	42.76	13.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9151	.2601	2.627	-.8022
Stddev	.1350	.1318	1.106	6.698
%RSD	14.75	50.68	42.10	834.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5256.3	57276.	12840.
Stddev	17.9	272.	86.
%RSD	.34028	.47506	.67121

Sample Name: 460-59301-A-5-G Acquired: 8/16/2013 15:55:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	147.7	4.152	-.2832	114.9	.2276	17460.
Stddev	9.0	.856	.1071	.4	.0312	63.
%RSD	6.062	20.62	37.81	.3230	13.73	.3601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1513	6.834	6.469	3.893	4358.	869.4
Stddev	.1426	.308	.212	.540	15.	11.2
%RSD	94.24	4.508	3.279	13.86	.3544	1.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1220.	659.4	F 285000.	8.385	104.8	.6911
Stddev	3.	1.7	5538.	.716	.1	1.514
%RSD	.2462	.2620	1.943	8.545	.0976	219.1
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-5-G Acquired: 8/16/2013 15:55:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.631	-.1631	.5359	65.71	15.86	.6811
Stddev	1.718	.9232	.5716	.05	.21	.0858
%RSD	105.3	565.8	106.6	.0686	1.338	12.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1595	59.30	4.391	468.1
Stddev	.4082	.13	.454	13.9
%RSD	255.9	.2160	10.34	2.970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5043.2	53958.	12905.
Stddev	25.2	222.	48.
%RSD	.49923	.41115	.36958

Sample Name: 460-59301-A-18-G Acquired: 8/16/2013 16:02:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121.6	.8694	-.7184	104.6	.1463	58480.
Stddev	12.8	.8023	.4098	.3	.0321	167.
%RSD	10.54	92.27	57.04	.3282	21.93	.2853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1979	12.41	45.45	7.783	1373.	2291.
Stddev	.0771	.18	.17	1.233	9.	11.
%RSD	38.98	1.433	.3771	15.85	.6296	.5015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5755.	358.1	F 299700.	44.58	17.86	2.404
Stddev	29.	.8	4713.	.75	.61	2.544
%RSD	.5100	.2342	1.573	1.678	3.399	105.8
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-18-G Acquired: 8/16/2013 16:02:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6849	-.5338	1.326	65.72	12.81	-.0641
Stddev	.8448	.7424	.125	.15	.14	.0742
%RSD	123.4	139.1	9.397	.2332	1.115	115.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8058	124.8	11.51	2526.
Stddev	.4188	.4	1.19	35.
%RSD	51.97	.3225	10.33	1.391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4937.6	53146.	12754.
Stddev	9.8	323.	137.
%RSD	.19898	.60702	1.0704

Sample Name: LCS 460-176521/2-A Acquired: 8/16/2013 15:14:40 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5485.	5319.	526.8	11210.	1107.	22630.
Stddev	8.	3.	1.4	15.	1.	15.
%RSD	.1522	.0538	.2682	.1347	.0623	.0667
Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1125.	1139.	5760.	1094.	1150.	21830.
Stddev	1.	2.	12.	2.	8.	9.
%RSD	.0633	.1554	.2144	.1592	.7163	.0430
Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22410.	1159.	22610.	1153.	5899.	1080.
Stddev	55.	2.	7.	1.	6.	3.
%RSD	.2461	.1626	.0319	.0659	.1058	.3222
Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Sample Name: LCS 460-176521/2-A Acquired: 8/16/2013 15:14:40 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1046.	1194.	551.2	1159.	1084.	1135.
Stddev	6.	2.	.9	1.	3.	1.
%RSD	.5983	.2020	.1624	.0451	.2380	.0660
Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1172.	1095.	1124.	-9.622
Stddev	3.	1.	2.	12.17
%RSD	.2316	.1324	.2162	126.5
Check ?	None	None	None	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5048.3	55280.	12637.
Stddev	11.9	205.	34.
%RSD	.23646	.37110	.26572

Sample Name: 460-61189-A-1-B Acquired: 8/16/2013 15:21:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	246.5	1.735	-.4365	236.3	.0994	59100.
Stddev	4.5	.540	.3143	.1	.0575	110.
%RSD	1.831	31.13	72.00	.0267	57.84	.1853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4838	5.282	.1476	17.37	159.4	1913.
Stddev	.1081	.076	.0153	.74	3.2	24.
%RSD	22.36	1.449	10.38	4.238	1.988	1.262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6773.	665.5	F 278600.	5.605	107.4	1.732
Stddev	30.	.4	1542.	.541	.8	1.795
%RSD	.4415	.0628	.5535	9.652	.7280	103.7
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61189-A-1-B Acquired: 8/16/2013 15:21:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7651	-.1162	.9558	137.8	19.91	.6134
Stddev	2.335	.8128	.3078	.2	.39	.1669
%RSD	305.2	699.5	32.21	.1278	1.983	27.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7896	119.0	13.76	781.0
Stddev	.4638	.2	.52	7.6
%RSD	58.74	.1500	3.770	.9773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4926.8	52859.	12560.
Stddev	5.5	68.	12.
%RSD	.11221	.12808	.09739

Sample Name: 460-59301-A-13-G Acquired: 8/16/2013 15:58:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	336.2	1.140	-.2633	24.05	.1233	17150.
Stddev	1.9	1.799	.4799	.10	.0987	11.
%RSD	.5787	157.8	182.3	.4156	80.03	.0630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1082	2.549	1.302	8.407	376.3	479.5
Stddev	.0251	.121	.391	.352	13.8	25.3
%RSD	23.21	4.739	30.05	4.188	3.657	5.273
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2750.	352.6	F 273000.	5.268	1.798	-.1890
Stddev	5.	.3	4444.	.358	1.359	1.071
%RSD	.1748	.0808	1.628	6.805	75.62	566.7
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-13-G Acquired: 8/16/2013 15:58:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8294	1.244	1.403	3.509	19.28	.0343
Stddev	.9917	.661	.218	.109	.47	.1624
%RSD	119.6	53.15	15.55	3.117	2.444	473.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5100	66.10	27.88	1299.
Stddev	.4189	.21	.54	32.
%RSD	82.15	.3218	1.951	2.479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5012.9	54015.	12985.
Stddev	5.9	62.	53.
%RSD	.11736	.11540	.40596

Sample Name: 460-59301-A-23-G Acquired: 8/16/2013 16:06:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	299.8	1.524	-.5375	135.5	.1500	62560.
Stddev	10.5	1.239	.5606	.2	.0670	132.
%RSD	3.498	81.32	104.3	.1302	44.63	.2103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2056	4.890	49.14	3.971	2531.	1604.
Stddev	.1662	.062	.37	1.529	16.	16.
%RSD	80.85	1.262	.7492	38.50	.6454	.9927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1568.	997.6	F 291700.	8.880	99.21	1.215
Stddev	.	1.7	4412.	.706	1.53	.972
%RSD	.0202	.1698	1.512	7.954	1.544	79.95
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-23-G Acquired: 8/16/2013 16:06:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0505	-.5263	1.751	16.58	15.47	.2748
Stddev	1.285	.9666	.114	.04	.33	.2332
%RSD	2546.	183.7	6.526	.2239	2.145	84.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8913	134.5	16.73	1736.
Stddev	.2250	.3	1.27	20.
%RSD	25.24	.1890	7.585	1.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4919.7	52881.	12748.
Stddev	5.5	41.	68.
%RSD	.11141	.07663	.52988

Sample Name: 460-59301-A-35-G Acquired: 8/16/2013 16:14:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.04	-.6900	-.5061	467.2	.1192	137200.
Stddev	4.90	1.635	.3783	1.9	.0304	149.
%RSD	9.243	236.9	74.75	.3997	25.47	.1086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0455	10.16	7.740	2.411	117.3	1427.
Stddev	.0910	.38	.217	.808	11.9	19.
%RSD	200.2	3.710	2.804	33.51	10.15	1.333
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13130.	361.4	F 294300.	70.99	18.06	2.951
Stddev	14.	.9	932.	.55	1.07	1.766
%RSD	.1100	.2544	.3167	.7775	5.936	59.84
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-35-G Acquired: 8/16/2013 16:14:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.560	.8869	1.279	59.68	25.96	1.156
Stddev	1.159	2.882	.228	.07	.39	.203
%RSD	45.28	324.9	17.81	.1222	1.514	17.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9184	318.5	15.99	1941.
Stddev	.0705	1.5	.48	3.
%RSD	7.674	.4825	3.020	.1764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4819.5	52000.	12496.
Stddev	16.6	134.	79.
%RSD	.34454	.25778	.63227

Sample Name: MB 460-176532/1-A Acquired: 8/16/2013 16:25:47 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.209	-.2340	-.4144	-.1075	.1750	-2.240
Stddev	10.56	1.362	.3316	.0241	.0570	2.743
%RSD	146.5	582.1	80.00	22.43	32.56	122.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0535	-.2086	.2799	.2393	7.452	26.11
Stddev	.0302	.2794	.1142	1.193	2.326	20.24
%RSD	56.39	134.0	40.82	498.6	31.22	77.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.107	-.0350	149.1	.3064	.0823	1.622
Stddev	1.117	.0491	44.6	.6352	.7106	1.516
%RSD	52.99	140.4	29.89	207.3	863.8	93.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176532/1-A Acquired: 8/16/2013 16:25:47 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.167	-.3300	.1242	-1.368	.5274	-.1753
Stddev	.353	.2765	.2395	.081	.2049	.0410
%RSD	30.22	83.79	192.8	5.923	38.86	23.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3311	.0121	-.0239	1.389
Stddev	.1748	.0277	.5824	6.037
%RSD	52.80	228.5	2440.	434.7
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5244.5	57302.	12814.
Stddev	17.3	233.	13.
%RSD	.32954	.40641	.10170

Sample Name: LCS 460-176532/2-A Acquired: 8/16/2013 16:29:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1925.	1827.	44.92	2000.	49.55	19900.
Stddev	12.	4.	.61	2.	.18	50.
%RSD	.6163	.2224	1.353	.0753	.3629	.2518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.94	494.0	199.9	240.6	1013.	19250.
Stddev	.02	.5	.4	1.2	7.	54.
%RSD	.0489	.1102	.2152	.4803	.7091	.2805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19590.	510.1	19780.	503.8	506.1	455.4
Stddev	17.	.2	60.	1.2	1.1	2.0
%RSD	.0860	.0474	.3016	.2477	.2178	.4403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: LCS 460-176532/2-A Acquired: 8/16/2013 16:29:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1830.	2136.	478.0	495.7	470.3	475.3
Stddev	3.	4.	1.3	.5	.3	1.8
%RSD	.1854	.1653	.2749	.1075	.0722	.3800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	503.9	476.6	485.0	76.36
Stddev	2.3	1.4	3.0	25.10
%RSD	.4572	.2857	.6119	32.87
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5156.6	56070.	12884.
Stddev	3.9	52.	94.
%RSD	.07566	.09322	.72886

Sample Name: CCB Acquired: 8/16/2013 16:36:30 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2143	1.227	-.4835	.2049	.2661	1.438
Stddev	9.516	.429	.5410	.0747	.0394	3.164
%RSD	4440.	34.98	111.9	36.46	14.82	220.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0155	.0283	.1731	.4623	12.04	25.23
Stddev	.0819	.0338	.3541	1.500	8.61	11.90
%RSD	529.2	119.6	204.6	324.3	71.48	47.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.360	.1852	68.14	.5445	.0324	2.687
Stddev	1.324	.0520	14.17	.1518	1.598	.261
%RSD	24.70	28.07	20.79	27.87	4936.	9.704
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 16:36:30 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.819	.6621	.5766	-1.097	1.716	8.638
Stddev	.880	.1293	.0912	.064	.410	1.579
%RSD	31.24	19.53	15.82	5.836	23.88	18.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5609	.2688	2.260	-5.399
Stddev	.2933	.0627	.857	8.063
%RSD	52.28	23.34	37.92	149.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5267.2	57436.	12831.
Stddev	15.8	251.	78.
%RSD	.29995	.43624	.60674

Sample Name: 460-60984-A-10-B DU Acquired: 8/16/2013 16:40:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4420.	-.0147	-.2166	106.2	.0030	151400.
Stddev	9.	.4943	.3698	.3	.0982	34.
%RSD	.1983	3354.	170.7	.2635	3318.	.0222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2976	8.358	6.328	20.33	16240.	57410.
Stddev	.0401	.112	.095	.44	28.	62.
%RSD	13.47	1.342	1.497	2.171	.1715	.1080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	115200.	1049.	F 723300.	7.284	-.0264	1.135
Stddev	55.	.	42910.	.665	.8628	.555
%RSD	.0477	.0429	5.932	9.125	3263.	48.85
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-A-10-B DU Acquired: 8/16/2013 16:40:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.211	.0498	28.20	25.09	1646.	9.153
Stddev	.837	1.303	.43	.10	2.	.484
%RSD	37.84	2615.	1.519	.4118	.1144	5.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5093	1136.	789.1	19070.
Stddev	.2967	3.	2.4	154.
%RSD	58.26	.2466	.3034	.8082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4630.4	49902.	12455.
Stddev	3.3	42.	100.
%RSD	.07021	.08493	.79926

Sample Name: 460-60984-I-10-C Acquired: 8/16/2013 16:44:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4420.	.5913	-.4373	105.9	-.0594	151300.
Stddev	25.	1.187	.7749	.7	.1031	189.
%RSD	.5657	200.7	177.2	.6185	173.5	.1248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1219	8.315	5.928	19.41	16230.	57340.
Stddev	.0919	.257	.192	1.99	18.	22.
%RSD	75.40	3.087	3.240	10.23	.1119	.0378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	115100.	1048.	F 693500.	7.725	-.5129	.9641
Stddev	228.	1.	25860.	.233	.6136	.1154
%RSD	.1977	.1199	3.729	3.010	119.6	11.97
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-10-C Acquired: 8/16/2013 16:44:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7264	-.3915	28.37	25.16	1644.	8.585
Stddev	1.539	1.598	.51	.19	2.	.206
%RSD	211.9	408.2	1.799	.7422	.1317	2.401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7246	1131.	784.9	18990.
Stddev	.6834	1.	3.0	61.
%RSD	94.32	.1049	.3818	.3193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4628.0	49751.	12431.
Stddev	11.6	18.	21.
%RSD	.24990	.03676	.17264

Sample Name: sd 460-60984-I-10-C Acquired: 8/16/2013 16:47:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	840.2	-.2314	-.1569	20.83	.1981	29150.
Stddev	9.2	1.328	.3054	.19	.0369	49.
%RSD	1.099	574.2	194.7	.9184	18.61	.1664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0085	1.732	1.392	6.089	3248.	10780.
Stddev	.0271	.361	.123	.917	5.	13.
%RSD	318.7	20.84	8.867	15.07	.1643	.1251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22360.	206.0	164200.	1.711	.5904	.3975
Stddev	39.	.4	2364.	.236	.9036	1.287
%RSD	.1725	.1953	1.440	13.79	153.0	323.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60984-I-10-C Acquired: 8/16/2013 16:47:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2470	.9015	5.918	4.166	318.6	1.664
Stddev	1.892	1.149	.192	.065	1.1	.472
%RSD	765.9	127.5	3.247	1.568	.3593	28.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2297	217.0	152.6	3394.
Stddev	.6418	.3	.7	34.
%RSD	279.5	.1506	.4412	.9878
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5026.1	54102.	12661.
Stddev	3.5	24.	73.
%RSD	.06892	.04464	.57898

Sample Name: 460-60984-I-10-D MS Acquired: 8/16/2013 16:51:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7707.	1868.	45.58	1958.	46.93	170100.
Stddev	33.	2.	.54	1.	.07	553.
%RSD	.4258	.1199	1.184	.0481	.1429	.3251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.28	456.6	191.1	251.9	19590.	76660.
Stddev	.13	.3	.7	1.3	49.	86.
%RSD	.2974	.0689	.3613	.5078	.2496	.1122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	133200.	1559.	F 709200.	458.3	443.4	450.5
Stddev	392.	3.	25280.	1.3	2.1	.6
%RSD	.2942	.2140	3.564	.2771	.4727	.1306
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-10-D MS Acquired: 8/16/2013 16:51:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1870.	1744.	492.1	492.5	F 2106.	450.9
Stddev	4.	4.	.6	.7	3.	.6
%RSD	.2012	.2111	.1193	.1471	.1517	.1253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	457.2	1588.	1498.	F 22900.
Stddev	1.6	2.	2.	172.
%RSD	.3463	.1193	.1380	.7511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4594.4	49715.	12434.
Stddev	10.8	76.	33.
%RSD	.23436	.15234	.26676

Sample Name: pds 460-60984-I-10-C Acquired: 8/16/2013 16:55:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6320.	2006.	48.30	2089.	50.12	168000.
Stddev	43.	2.	.95	1.	.20	509.
%RSD	.6741	.1007	1.969	.0544	.3943	.3031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.58	490.4	206.0	265.3	16780.	76840.
Stddev	.12	.7	.8	1.1	38.	259.
%RSD	.2494	.1446	.3945	.4007	.2241	.3369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	132500.	1533.	F 691600.	492.4	477.9	486.1
Stddev	342.	2.	26620.	.4	1.5	2.4
%RSD	.2581	.1269	3.850	.0850	.3064	.4905
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: pds 460-60984-I-10-C Acquired: 8/16/2013 16:55:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2003.	1879.	516.4	523.8	F 2097.	486.9
Stddev	5.	5.	.3	.8	3.	.9
%RSD	.2388	.2524	.0659	.1450	.1294	.1799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	494.3	1598.	1259.	18740.
Stddev	.7	6.	6.	92.
%RSD	.1431	.3912	.4786	.4901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4602.9	49748.	12443.
Stddev	2.0	138.	75.
%RSD	.04389	.27654	.60349

Sample Name: 460-60984-I-11-B Acquired: 8/16/2013 16:58:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	136.0	-.0451	-.4422	42.58	-.0052	102900.
Stddev	6.8	.9986	.2713	.13	.0873	243.
%RSD	5.025	2213.	61.35	.3001	1666.	.2360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0074	1.636	-.0521	.6707	8434.	29460.
Stddev	.0527	.100	.3614	1.161	24.	47.
%RSD	712.7	6.128	693.9	173.1	.2826	.1578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116800.	1074.	F 764500.	.8911	-.6546	.6485
Stddev	349.	2.	30160.	.3751	1.112	1.728
%RSD	.2985	.1575	3.945	42.09	169.9	266.5
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-11-B Acquired: 8/16/2013 16:58:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.582	.9984	1.139	4.060	948.2	2.210
Stddev	.941	.2601	.045	.134	.6	.503
%RSD	36.45	26.05	3.984	3.296	.0666	22.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5770	863.0	17.41	11700.
Stddev	.4714	.3	.38	61.
%RSD	81.69	.0370	2.171	.5224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4604.7	49408.	12403.
Stddev	1.5	147.	76.
%RSD	.03305	.29822	.61168

Sample Name: 460-60984-I-12-B Acquired: 8/16/2013 17:02:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60.55	.0616	-.0006	252.2	-.0345	83700.
Stddev	1.43	1.195	.9030	.6	.0247	181.
%RSD	2.363	1938.	150300.	.2472	71.45	.2167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0110	.7690	-.4575	2.545	17010.	6760.
Stddev	.0500	.0706	.1843	.438	27.	32.
%RSD	453.7	9.180	40.29	17.21	.1590	.4716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16370.	927.1	134400.	.4285	-.8446	.9081
Stddev	28.	1.6	776.	.2792	.4865	.9362
%RSD	.1730	.1690	.5776	65.16	57.60	103.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60984-I-12-B Acquired: 8/16/2013 17:02:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4624	-.5428	.6608	2.147	170.8	.3277
Stddev	2.024	.2823	.1916	.080	.6	.3178
%RSD	437.7	52.01	29.00	3.731	.3603	96.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0843	449.5	8.929	13240.
Stddev	.4198	.6	.791	25.
%RSD	498.1	.1266	8.857	.1872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4982.0	54495.	12885.
Stddev	2.2	165.	52.
%RSD	.04385	.30325	.40227

Sample Name: 460-60984-I-15-B Acquired: 8/16/2013 17:13:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84.57	.2339	-.1335	155.2	-.3537	141400.
Stddev	9.17	1.613	.3600	.5	.0446	55.
%RSD	10.84	689.8	269.6	.3160	12.62	.0387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0520	1.129	-.2229	2.860	20870.	11220.
Stddev	.0561	.174	.0192	1.462	47.	24.
%RSD	107.9	15.45	8.607	51.12	.2254	.2171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21750.	2391.	90510.	-.0003	-1.384	1.332
Stddev	24.	2.	260.	.8439	.945	1.864
%RSD	.1081	.0859	.2872	274200.	68.24	140.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60984-I-15-B Acquired: 8/16/2013 17:13:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.028	-1.005	.7789	20.82	218.9	3.084
Stddev	.980	1.543	.4071	.07	.4	.184
%RSD	48.30	153.5	52.26	.3147	.1795	5.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2390	718.9	13.75	11670.
Stddev	.3598	.6	.06	51.
%RSD	150.6	.0831	.4447	.4361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4959.6	54569.	12976.
Stddev	8.1	40.	45.
%RSD	.16401	.07381	.34851

Sample Name: 460-60984-I-13-B Acquired: 8/16/2013 17:06:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39.09	.9434	-.1873	330.5	.0375	106400.
Stddev	6.84	1.197	.5279	.5	.0077	72.
%RSD	17.51	126.9	281.9	.1396	20.58	.0678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0895	1.109	-.4401	.5349	15700.	15090.
Stddev	.0520	.173	.5685	.9016	31.	17.
%RSD	58.14	15.61	129.2	168.6	.1943	.1116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43790.	692.8	F 366700.	.1821	-.8744	.6739
Stddev	28.	1.0	8660.	.8802	.9810	1.606
%RSD	.0635	.1470	2.361	483.5	112.2	238.4
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-13-B Acquired: 8/16/2013 17:06:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1347	.5662	1.797	2.702	229.2	.3828
Stddev	2.000	1.645	.426	.169	.4	.1549
%RSD	1484.	290.5	23.72	6.258	.1762	40.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0704	612.4	9.635	12800.
Stddev	.2927	.1	1.474	48.
%RSD	415.9	.0190	15.30	.3712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4807.6	52204.	12758.
Stddev	2.6	68.	13.
%RSD	.05367	.12953	.10490

Sample Name: 460-60984-I-14-B Acquired: 8/16/2013 17:09:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89.58	11.13	.4287	375.3	.0438	113600.
Stddev	1.31	1.39	.4315	1.3	.0867	126.
%RSD	1.462	12.46	100.6	.3475	198.1	.1105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0204	.1939	-.7244	1.996	32370.	15860.
Stddev	.0341	.2945	.2690	.757	58.	62.
%RSD	167.1	151.9	37.14	37.94	.1780	.3934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45430.	460.1	F 385100.	.6500	.6395	-.1633
Stddev	60.	.8	5129.	.6037	.3685	.9694
%RSD	.1314	.1650	1.332	92.88	57.62	593.6
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-14-B Acquired: 8/16/2013 17:09:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.498	-1.576	.4742	2.636	248.0	.9537
Stddev	3.262	2.431	.0270	.072	1.0	.0884
%RSD	217.8	154.2	5.695	2.730	.4153	9.267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1900	713.6	10.82	15110.
Stddev	.3441	1.5	.91	32.
%RSD	181.1	.2074	8.402	.2087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4787.8	51920.	12693.
Stddev	18.6	102.	62.
%RSD	.38860	.19569	.49011

Sample Name: CCV Acquired: 8/16/2013 17:17:18 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124600.	2442.	1224.	10060.	996.4	127900.
Stddev	198.	5.	1.	21.	1.8	137.
%RSD	.1591	.2093	.0486	.2104	.1835	.1068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1251.	2497.	5069.	12350.	101500.	50900.
Stddev	3.	4.	6.	16.	178.	81.
%RSD	.2005	.1731	.1145	.1335	.1751	.1586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	5120.	125800.	2508.	7565.	978.1
Stddev	138.	6.	300.	6.	14.	3.9
%RSD	.1087	.1230	.2384	.2485	.1860	.3967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 17:17:18 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2451.	2552.	2509.	2528.	987.2	2479.
Stddev	5.	8.	4.	4.	2.4	8.
%RSD	.2217	.3009	.1536	.1725	.2409	.3139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1007.	5018.	9968.	9286.
Stddev	2.	71.	19.	39.
%RSD	.1719	1.408	.1886	.4247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4855.7	52749.	12614.
Stddev	4.8	105.	93.
%RSD	.09985	.19855	.73724

Sample Name: 460-60984-I-16-B Acquired: 8/16/2013 17:24:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.32	.2037	-.1531	144.3	.0401	78940.
Stddev	10.32	1.682	.3383	.5	.0607	47.
%RSD	22.28	825.9	221.0	.3242	151.3	.0594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1269	.7313	.0302	3.231	47.31	3209.
Stddev	.1266	.2119	.3507	.271	2.27	26.
%RSD	99.71	28.98	1162.	8.386	4.789	.8057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10150.	957.2	193900.	1.341	-1.569	.2079
Stddev	10.	1.0	4178.	.565	1.478	1.427
%RSD	.0938	.0999	2.155	42.16	94.15	686.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60984-I-16-B Acquired: 8/16/2013 17:24:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.443	-.4979	1.304	1.265	74.67	1.347
Stddev	.732	.7110	.240	.059	.13	.334
%RSD	29.95	142.8	18.41	4.703	.1718	24.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1295	523.7	10.44	9045.
Stddev	.4335	.6	.36	45.
%RSD	334.7	.1219	3.452	.4949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4977.1	53993.	12799.
Stddev	8.4	74.	50.
%RSD	.16818	.13791	.38921

Sample Name: 460-60984-I-17-B Acquired: 8/16/2013 17:28:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	81.08	-1.417	-.1748	87.59	-.1140	128500.
Stddev	4.15	.903	.4642	.33	.0978	297.
%RSD	5.119	63.68	265.6	.3710	85.83	.2311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1053	2.054	-.3287	.3548	3916.	36690.
Stddev	.0390	.168	.4862	1.543	22.	36.
%RSD	37.02	8.181	147.9	435.0	.5505	.0982
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	167400.	1270.	F 923300.	.8597	-1.755	1.199
Stddev	547.	3.	71230.	.3989	.697	1.187
%RSD	.3265	.2583	7.715	46.40	39.71	98.99
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60984-I-17-B Acquired: 8/16/2013 17:28:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5391	-1.171	1.177	1.630	902.4	3.518
Stddev	2.224	.366	.382	.183	3.4	.076
%RSD	412.5	31.25	32.42	11.22	.3741	2.148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9320	991.8	18.62	9557.
Stddev	.3568	2.8	.30	40.
%RSD	38.28	.2845	1.595	.4226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4491.0	48343.	12217.
Stddev	12.1	172.	53.
%RSD	.26847	.35489	.43677

Sample Name: 460-61083-I-1-B Acquired: 8/16/2013 17:32:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56.35	-.7609	-.5455	64.27	-.1748	136900.
Stddev	8.36	.6629	.6760	.26	.1013	422.
%RSD	14.83	87.12	123.9	.4068	57.95	.3081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0107	3.839	-1.106	1.362	1721.	8698.
Stddev	.0421	.456	.028	1.494	7.	26.
%RSD	394.3	11.87	2.527	109.8	.4077	.2954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56930.	1536.	135300.	1.497	-1.127	.8186
Stddev	188.	3.	2304.	.755	1.964	.4492
%RSD	.3297	.2162	1.703	50.46	174.3	54.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61083-I-1-B Acquired: 8/16/2013 17:32:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.468	-.2439	.9921	.7218	123.5	2.779
Stddev	2.981	.0630	.3544	.1095	1.0	.075
%RSD	203.1	25.84	35.72	15.17	.8120	2.712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.2225	266.7	15.73	8651.
Stddev	.5358	.8	.38	38.
%RSD	240.8	.3034	2.442	.4387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4889.4	53492.	12704.
Stddev	10.3	152.	57.
%RSD	.20967	.28376	.45157

Sample Name: 460-61048-A-1-B Acquired: 8/16/2013 17:40:19 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	276.9	.1323	.2497	665.7	.3366	94460.
Stddev	10.5	.5053	.2536	.7	.0695	233.
%RSD	3.787	382.1	101.6	.0977	20.66	.2467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2192	26.70	1.238	.8610	1511.	3769.
Stddev	.0880	.10	.070	1.125	6.	25.
%RSD	40.14	.3870	5.643	130.7	.3998	.6708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8025.	1619.	F 928800.	46.75	-.4797	-7.363
Stddev	27.	2.	64740.	.48	.1937	.773
%RSD	.3415	.1501	6.971	1.029	40.38	10.49
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61048-A-1-B Acquired: 8/16/2013 17:40:19 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.144	-3.087	4.026	F 26770.	103.9	1.400
Stddev	.851	.157	.292	53.	.3	.363
%RSD	13.84	5.088	7.263	.1969	.2936	25.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.552	366.4	15.23	5115.
Stddev	.436	.7	.94	15.
%RSD	17.09	.1852	6.194	.3006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4583.2	49140.	12571.
Stddev	6.0	135.	29.
%RSD	.13090	.27389	.22695

Sample Name: 460-61049-A-1-B Acquired: 8/16/2013 17:44:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.61	506.6	.0651	419.5	.3993	1036.
Stddev	1.05	2.4	.3596	1.2	.0102	5.
%RSD	2.163	.4657	552.6	.2857	2.549	.5213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1778	-.2270	29.68	.2405	295.3	1897.
Stddev	.0277	.2460	.31	1.439	3.6	30.
%RSD	15.58	108.4	1.051	598.4	1.233	1.603
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	461.8	43.38	F 931800.	.3499	-1.496	-9.290
Stddev	3.7	.16	54280.	.2836	.927	.834
%RSD	.8036	.3578	5.825	81.05	61.97	8.972
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61049-A-1-B Acquired: 8/16/2013 17:44:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.650	-3.223	56.88	F 182100.	222.4	26.93
Stddev	1.904	1.294	.32	872.	.3	.25
%RSD	28.64	40.15	.5611	.4789	.1167	.9135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.883	9.565	1.372	301.7
Stddev	.328	.071	.766	20.1
%RSD	11.37	.7439	55.82	6.663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4623.2	49206.	12564.
Stddev	2.3	23.	84.
%RSD	.04936	.04712	.67237

Sample Name: 460-61049-A-2-B Acquired: 8/16/2013 17:48:02 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.42	2.540	-.1206	795.7	.2501	42130.
Stddev	11.46	1.334	.1032	.7	.0156	130.
%RSD	28.35	52.52	85.56	.0941	6.229	.3090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0154	-.5442	4.830	1.137	75.02	2050.
Stddev	.0531	.2251	.342	1.165	6.25	15.
%RSD	345.0	41.37	7.076	102.4	8.329	.7201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9797.	3.824	F 886300.	.1647	-1.098	-5.769
Stddev	34.	.030	41010.	.2666	1.375	1.420
%RSD	.3421	.7953	4.627	161.9	125.2	24.62
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61049-A-2-B Acquired: 8/16/2013 17:48:02 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.106	-.6834	1.172	F 138600.	F 2071.	6.592
Stddev	2.298	2.464	.264	729.	2.	.094
%RSD	55.97	360.6	22.49	.5260	.0728	1.420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit				5000.	2000.	
Low Limit				-50.00	-50.00	

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.307	50.91	5.975	309.5
Stddev	.236	.19	.706	10.0
%RSD	10.21	.3740	11.81	3.234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4588.9	49171.	12574.
Stddev	2.4	118.	53.
%RSD	.05326	.23950	.42146

Sample Name: 460-61340-K-5-B Acquired: 8/16/2013 17:36:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 308800.	50.17	-.9517	10790.	10.25	F 523000.
Stddev	1515.	.59	.3261	13.	.15	1304.
%RSD	.4907	1.179	34.26	.1215	1.503	.2494
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit	250000.					250000.
Low Limit	-200.0					-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.302	340.0	1044.	1061.	F 424000.	F 104900.
Stddev	.138	.3	1.	3.	748.	163.
%RSD	1.664	.0922	.1336	.3192	.1763	.1554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit					200000.	100000.
Low Limit					-150.0	-5000.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	114400.	F 14870.	F 288300.	660.1	6030.	-5.178
Stddev	228.	25.	3157.	1.1	6.	2.241
%RSD	.1995	.1687	1.095	.1635	.1024	43.29
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.	250000.			
Low Limit		-15.00	-5000.			

Sample Name: 460-61340-K-5-B Acquired: 8/16/2013 17:36:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.808	F -29.10	850.1	4938.	111.0	62.11
Stddev	3.163	2.94	1.8	14.	.6	.39
%RSD	175.0	10.10	.2095	.2751	.5092	.6285
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-20.00				

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	50.92	2720.	14200.	F 36360.
Stddev	.55	43.	27.	3601.
%RSD	1.090	1.594	.1877	9.904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5854.4	63526.	15927.
Stddev	5.9	67.	60.
%RSD	.10106	.10546	.37599

Sample Name: 460-61049-A-3-B Acquired: 8/16/2013 17:51:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	78.56	-.0162	-.0124	447.4	.2171	30140.
Stddev	7.71	.8633	.3618	.7	.0496	41.
%RSD	9.814	5333.	2908.	.1637	22.85	.1360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0180	-.4770	2.896	2.186	363.6	2287.
Stddev	.0821	.1486	.332	.683	.7	49.
%RSD	455.8	31.16	11.47	31.25	.1815	2.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5162.	36.59	F 913800.	1.314	-1.740	-.2873
Stddev	8.	.17	48670.	.248	1.387	1.119
%RSD	.1644	.4620	5.327	18.85	79.70	389.5
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61049-A-3-B Acquired: 8/16/2013 17:51:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.966	-2.210	.8840	F 5704.	333.2	1.437
Stddev	1.202	1.071	.2330	11.	1.0	.251
%RSD	20.14	48.46	26.36	.1905	.2993	17.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.760	42.87	3.994	240.0
Stddev	.431	.01	.375	16.4
%RSD	15.60	.0197	9.396	6.854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4574.0	48781.	12536.
Stddev	6.2	66.	59.
%RSD	.13579	.13487	.47087

Sample Name: 460-61173-F-2-A Acquired: 8/16/2013 17:59:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33650.	8.859	-.1240	261.7	1.554	29660.
Stddev	41.	.192	.2950	.3	.052	51.
%RSD	.1233	2.166	237.9	.1155	3.343	.1709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1967	28.53	82.19	64.44	80980.	10410.
Stddev	.0839	.06	.34	2.18	60.	8.
%RSD	42.66	.2151	.4194	3.382	.0747	.0761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13320.	1499.	28240.	73.42	28.76	.4677
Stddev	14.	1.	23.	1.03	.87	1.954
%RSD	.1037	.0966	.0810	1.398	3.014	417.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-2-A Acquired: 8/16/2013 17:59:21 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.748	-5.219	88.85	130.5	44.14	4.847
Stddev	1.647	1.063	.52	.0	.66	.177
%RSD	43.94	20.37	.5836	.0326	1.506	3.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.971	169.6	2610.	F 37730.
Stddev	.204	.0	6.	242.
%RSD	10.33	.0179	.2240	.6410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5353.2	58165.	13389.
Stddev	5.0	67.	53.
%RSD	.09400	.11465	.39939

Sample Name: CCB Acquired: 8/16/2013 18:06:33 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-9.417	.1453	-.4591	.2711	.2426	-4.342
Stddev	19.15	.6993	.3579	.2033	.0574	2.634
%RSD	203.3	481.4	77.96	74.98	23.67	60.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0501	-.1380	.5619	.9784	13.03	16.64
Stddev	.1017	.0938	.4176	1.228	4.85	16.52
%RSD	202.9	67.95	74.32	125.5	37.23	99.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.951	.1895	121.1	.7495	-.3125	1.318
Stddev	3.167	.0673	24.4	.1735	.7632	.607
%RSD	80.17	35.50	20.16	23.15	244.2	46.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 18:06:33 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.374	1.511	.4796	-.5521	3.031	8.227
Stddev	.609	.501	.2687	.1941	.395	1.354
%RSD	25.66	33.17	56.02	35.16	13.02	16.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6649	.1926	2.443	9.624
Stddev	.5006	.0458	1.187	9.935
%RSD	75.30	23.78	48.60	103.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5297.9	57936.	12871.
Stddev	16.7	271.	57.
%RSD	.31510	.46796	.43971

Sample Name: 460-61173-F-3-A Acquired: 8/16/2013 18:10:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.96	.7481	-.4016	61.66	.2173	34190.
Stddev	6.03	1.433	.2033	.07	.0206	118.
%RSD	35.56	191.6	50.62	.1161	9.458	.3440
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1520	.6341	.5622	.0910	21.50	3449.
Stddev	.0442	.0977	.1596	.9659	7.33	18.
%RSD	29.05	15.41	28.39	1061.	34.12	.5106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3906.	15.12	78250.	1.364	-.1994	1.306
Stddev	16.	.12	251.	.411	.8543	1.282
%RSD	.4168	.8080	.3209	30.16	428.5	98.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-3-A Acquired: 8/16/2013 18:10:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.153	.4090	.5893	3.110	42.18	.6822
Stddev	1.578	1.420	.2309	.193	.11	.3483
%RSD	136.9	347.2	39.19	6.203	.2694	51.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3105	190.1	4.707	4253.
Stddev	.4153	.1	.842	20.
%RSD	133.8	.0531	17.89	.4709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5150.7	56169.	12881.
Stddev	6.5	139.	29.
%RSD	.12715	.24699	.22717

Sample Name: 460-61173-F-4-A Acquired: 8/16/2013 18:13:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.13	-1.683	-.3258	98.87	-.3371	56540.
Stddev	1.11	.780	.4715	.26	.0847	293.
%RSD	5.023	46.36	144.7	.2638	25.11	.5174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3147	.8489	-.2632	1.904	28.58	6040.
Stddev	.0253	.1664	.4800	.916	11.46	12.
%RSD	8.024	19.61	182.3	48.11	40.11	.1962
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7250.	2285.	104500.	12.31	-1.142	.3715
Stddev	49.	7.	329.	.08	.583	1.077
%RSD	.6741	.3136	.3150	.6685	51.08	289.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-4-A Acquired: 8/16/2013 18:13:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8178	-.9623	.5086	4.193	35.34	.5373
Stddev	1.876	1.604	.2906	.080	.31	.1433
%RSD	229.4	166.7	57.14	1.915	.8816	26.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0371	361.2	7.253	4988.
Stddev	.5237	.2	.277	23.
%RSD	1413.	.0688	3.821	.4617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5080.9	55438.	12984.
Stddev	3.8	257.	61.
%RSD	.07396	.46426	.47294

Sample Name: 460-61173-F-5-A Acquired: 8/16/2013 18:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2188.	.7057	-.8058	67.17	-.3384	77180.
Stddev	11.	1.190	.3770	.19	.0626	63.
%RSD	.5115	168.7	46.78	.2812	18.51	.0822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0582	3.544	5.835	6.331	6667.	4859.
Stddev	.0853	.200	.366	1.628	21.	5.
%RSD	146.5	5.630	6.268	25.72	.3092	.1073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14280.	2915.	62500.	7.382	.6768	1.012
Stddev	8.	2.	194.	.596	.4998	.237
%RSD	.0594	.0696	.3105	8.078	73.85	23.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-5-A Acquired: 8/16/2013 18:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8461	-1.738	7.435	15.21	35.06	.8675
Stddev	1.056	.857	.197	.10	.45	.1284
%RSD	124.9	49.34	2.646	.6876	1.285	14.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2431	324.1	207.2	5765.
Stddev	.3535	.7	3.6	19.
%RSD	145.4	.2173	1.755	.3218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5109.1	55895.	13023.
Stddev	5.4	82.	50.
%RSD	.10604	.14671	.38653

Sample Name: 460-61173-F-6-A Acquired: 8/16/2013 18:21:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.12	-1.434	.0165	91.09	-.7287	95620.
Stddev	10.94	1.099	.1141	.43	.0742	107.
%RSD	57.19	76.65	689.7	.4708	10.18	.1115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1458	1.500	-1.025	1.326	29.94	8765.
Stddev	.0492	.022	.236	1.500	4.71	25.
%RSD	33.78	1.453	23.01	113.1	15.75	.2797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19220.	3923.	46650.	4.089	-.5534	.4244
Stddev	19.	5.	37.	.589	.5523	1.503
%RSD	.0975	.1243	.0796	14.40	99.80	354.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-6-A Acquired: 8/16/2013 18:21:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3037	-.4885	.5134	2.620	47.73	.3994
Stddev	1.323	1.034	.1440	.024	.24	.0261
%RSD	435.8	211.6	28.04	.9238	.4987	6.544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1012	529.2	10.39	3696.
Stddev	.3529	1.2	.32	15.
%RSD	348.6	.2202	3.039	.4140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5068.2	55634.	12959.
Stddev	12.0	81.	21.
%RSD	.23744	.14522	.16021

Sample Name: 460-61340-K-5-B@2 Acquired: 8/16/2013 18:25:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	172700.	28.64	-.6781	6320.	5.790	F 305000.
Stddev	74.	1.84	.6530	3.	.073	1068.
%RSD	.0430	6.426	96.29	.0439	1.266	.3501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.186	200.8	603.9	598.1	F 250000.	58920.
Stddev	.200	.2	.4	3.9	404.	32.
%RSD	6.282	.1089	.0741	.6596	.1618	.0535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66040.	8907.	174700.	390.6	3582.	-.4605
Stddev	130.	8.	2919.	1.0	2.	1.814
%RSD	.1969	.0896	1.671	.2656	.0533	393.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-K-5-B@2 Acquired: 8/16/2013 18:25:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.246	-14.95	486.8	2912.	64.61	35.80
Stddev	2.870	1.18	1.4	5.	.34	.22
%RSD	67.59	7.898	.2803	.1638	.5202	.6089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.31	1545.	8087.	F 20290.
Stddev	.78	2.	5.	1824.
%RSD	2.652	.1014	.0624	8.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5466.8	59365.	14313.
Stddev	12.4	176.	64.
%RSD	.22618	.29622	.44780

Sample Name: 460-61049-A-1-B@20 Acquired: 8/16/2013 18:28:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20.60	25.37	-.3382	22.34	.2635	104.9
Stddev	9.78	.89	.0998	.20	.0478	4.9
%RSD	47.49	3.503	29.52	.9098	18.14	4.626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1008	-.0110	1.789	1.450	45.91	103.9
Stddev	.0791	.2318	.368	1.006	5.68	13.3
%RSD	78.47	2116.	20.59	69.33	12.38	12.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.87	3.075	79570.	.0183	.4056	-5.499
Stddev	3.89	.149	136.	.4922	1.011	1.019
%RSD	12.59	4.831	.1705	2690.	249.2	18.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61049-A-1-B@20 Acquired: 8/16/2013 18:28:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.501	1.430	3.205	F 15010.	14.38	1.173
Stddev	2.447	.944	.128	18.	.23	.092
%RSD	163.0	66.02	3.996	.1180	1.605	7.827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2378	.8500	2.468	20.29
Stddev	.5477	.0607	.259	3.02
%RSD	230.3	7.141	10.48	14.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5192.0	56283.	12862.
Stddev	10.0	178.	48.
%RSD	.19213	.31578	.36932

Sample Name: 460-61049-A-2-B@20 Acquired: 8/16/2013 18:32:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.71	1.381	-.5646	41.71	.2653	2188.
Stddev	10.67	1.455	.0212	.33	.0712	12.
%RSD	99.62	105.3	3.748	.7900	26.86	.5329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0514	-.0758	.0733	.7529	13.63	84.78
Stddev	.0796	.0841	.3368	.5056	5.50	7.86
%RSD	154.8	111.0	459.6	67.15	40.38	9.265
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	552.3	.5393	75410.	.0006	-.2303	-2.873
Stddev	1.0	.1734	241.	.4365	.9941	2.170
%RSD	.1868	32.15	.3202	73840.	431.7	75.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61049-A-2-B@20 Acquired: 8/16/2013 18:32:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6681	1.581	.4689	F 9998.	109.7	.1733
Stddev	.8739	1.192	.0467	35.	.4	.2391
%RSD	130.8	75.40	9.950	.3510	.3410	137.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2280	2.808	.6366	17.35
Stddev	.3909	.055	.6601	5.14
%RSD	171.5	1.974	103.7	29.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5185.5	56252.	12883.
Stddev	3.3	49.	48.
%RSD	.06292	.08671	.36943

Sample Name: CCV Acquired: 8/16/2013 18:36:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	2430.	1219.	10020.	989.0	126700.
Stddev	222.	2.	4.	4.	2.5	272.
%RSD	.1793	.0770	.3152	.0403	.2500	.2148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1246.	2486.	5018.	12260.	100600.	51000.
Stddev	.	1.	10.	30.	166.	109.
%RSD	.0335	.0335	.1911	.2478	.1647	.2132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125900.	5075.	127100.	2498.	7529.	968.7
Stddev	323.	22.	793.	2.	9.	3.2
%RSD	.2563	.4283	.6236	.0824	.1159	.3296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 18:36:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2441.	2538.	2491.	2514.	980.4	2468.
Stddev	4.	6.	2.	3.	1.0	6.
%RSD	.1515	.2538	.0825	.1333	.1044	.2329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4988.	9907.	9276.
Stddev	1.	22.	18.	39.
%RSD	.1392	.4458	.1825	.4227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4859.4	53088.	12576.
Stddev	9.1	131.	21.
%RSD	.18752	.24584	.16761

Sample Name: CCB Acquired: 8/16/2013 18:39:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-8.369	-.4355	-.2900	.2776	.2960	-2.632
Stddev	7.469	.4676	.4051	.1705	.0097	2.765
%RSD	89.25	107.4	139.7	61.43	3.292	105.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0598	-.0265	.5416	.7966	15.47	27.44
Stddev	.0082	.2180	.3120	1.012	3.57	22.77
%RSD	13.65	821.3	57.61	127.1	23.08	82.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.527	.2445	68.59	-.2489	-.5249	3.233
Stddev	3.676	.0499	15.46	.5490	1.389	1.111
%RSD	240.8	20.41	22.54	220.5	264.6	34.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 18:39:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.748	.0771	.5496	-1.010	2.263	8.138
Stddev	1.627	.9407	.3399	.093	.482	1.435
%RSD	43.41	1220.	61.84	9.239	21.29	17.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5924	.2165	3.613	14.14
Stddev	.4583	.0664	1.430	19.26
%RSD	77.37	30.65	39.58	136.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5294.8	57817.	12781.
Stddev	16.7	256.	88.
%RSD	.31482	.44352	.68547

Sample Name: CCV Acquired: 8/16/2013 16:32:54 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124300.	2433.	1224.	10050.	996.4	127600.
Stddev	117.	6.	1.	9.	1.3	336.
%RSD	.0940	.2447	.0640	.0944	.1342	.2636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1251.	2495.	5067.	12370.	101600.	50580.
Stddev	2.	4.	8.	6.	226.	21.
%RSD	.1687	.1527	.1568	.0452	.2221	.0421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	5115.	126100.	2507.	7565.	975.8
Stddev	389.	7.	491.	4.	11.	1.7
%RSD	.3063	.1283	.3893	.1398	.1500	.1779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 16:32:54 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2448.	2555.	2506.	2531.	983.6	2477.
Stddev	4.	8.	4.	3.	2.1	4.
%RSD	.1467	.3121	.1775	.1093	.2123	.1707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	5026.	9975.	9231.
Stddev	2.	63.	6.	61.
%RSD	.2197	1.251	.0638	.6621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4856.4	52706.	12540.
Stddev	2.9	86.	53.
%RSD	.06041	.16249	.41964

Sample Name: MB 460-176521/1-A Acquired: 8/16/2013 15:10:56 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-10.71	-.1569	-.3362	-.0320	.2324	-2.220
Stddev	11.06	1.810	.1046	.0690	.1020	4.682
%RSD	103.3	1153.	31.10	215.4	43.90	210.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0730	-.1149	.0905	1.048	4.377	31.12
Stddev	.0369	.3361	.2733	2.022	4.425	12.82
%RSD	50.49	292.6	302.1	193.0	101.1	41.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.487	-.0283	1.907	.2293	-.1533	1.559
Stddev	1.692	.0644	.633	.6765	.5682	.779
%RSD	68.03	227.3	33.18	295.0	370.7	49.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176521/1-A Acquired: 8/16/2013 15:10:56 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6241	.1153	.3749	-1.170	1.087	.4482
Stddev	1.722	1.517	.0875	.094	.266	.2374
%RSD	275.9	1316.	23.34	8.062	24.43	52.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2130	-.0332	.1724	-8.454
Stddev	.1603	.0598	.5480	8.236
%RSD	75.23	180.3	317.9	97.42
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5217.1	56571.	12610.
Stddev	15.8	254.	35.
%RSD	.30346	.44924	.27628

Sample Name: LB 460-176412/1-C Acquired: 8/16/2013 16:21:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.765	1.605	-.3985	-.1725	.2483	21.63
Stddev	1.874	.912	.5277	.1591	.0294	11.71
%RSD	49.77	56.85	132.4	92.26	11.84	54.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0697	.0637	.2223	1.377	7.366	101.7
Stddev	.0217	.1001	.1710	1.298	.770	4.0
%RSD	31.12	157.1	76.92	94.24	10.46	3.954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.044	-.0472	F 289400.	.8175	.0660	1.669
Stddev	3.043	.0833	3201.	.8798	.4038	1.628
%RSD	148.9	176.3	1.106	107.6	611.6	97.51
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: LB 460-176412/1-C Acquired: 8/16/2013 16:21:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9223	.1362	.4598	-.4828	1.422	-.3552
Stddev	.2435	1.379	.4182	.0935	.342	.0781
%RSD	26.40	1012.	90.95	19.37	24.07	21.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5412	.1175	.0234	-6.396
Stddev	.3338	.0373	.1612	6.112
%RSD	61.68	31.73	689.8	95.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4936.5	53006.	12645.
Stddev	8.8	120.	63.
%RSD	.17762	.22613	.49850

Sample Name: 460-61189-A-1-D MS Acquired: 8/16/2013 15:29:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1277.	1058.	102.2	2337.	208.0	64460.
Stddev	9.	3.	1.0	4.	.9	15.
%RSD	.7256	.2706	.9544	.1722	.4119	.0226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	212.8	215.6	1093.	225.9	363.5	6172.
Stddev	.5	.8	3.	2.4	7.4	10.
%RSD	.2505	.3582	.2665	1.069	2.041	.1699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11030.	893.0	F 286400.	217.4	1190.	206.4
Stddev	3.	.4	3263.	.6	2.	1.6
%RSD	.0312	.0405	1.139	.2673	.1486	.7957
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61189-A-1-D MS Acquired: 8/16/2013 15:29:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	208.1	210.3	107.6	362.4	222.5	212.1
Stddev	3.5	2.3	.5	.3	.5	.8
%RSD	1.700	1.094	.4680	.0690	.2404	.3955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	241.3	325.6	230.0	754.4
Stddev	.8	1.2	1.3	9.0
%RSD	.3208	.3646	.5602	1.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4889.2	52320.	12500.
Stddev	6.9	95.	48.
%RSD	.14047	.18075	.38350

Sample Name: 460-61189-A-1-C DU Acquired: 8/16/2013 15:17:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	250.3	3.866	-.5128	238.0	.0685	59690.
Stddev	6.0	1.000	.5604	.5	.0553	96.
%RSD	2.412	25.87	109.3	.2199	80.77	.1602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4990	5.228	.4889	17.65	161.0	1920.
Stddev	.0144	.328	.4790	1.88	6.0	27.
%RSD	2.876	6.277	97.98	10.64	3.697	1.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6854.	671.7	F 283900.	5.320	109.0	3.269
Stddev	10.	.8	6596.	.278	.6	1.924
%RSD	.1528	.1124	2.323	5.232	.5557	58.85
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61189-A-1-C DU Acquired: 8/16/2013 15:17:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.912	.0734	.8838	138.9	20.80	2.752
Stddev	1.542	1.864	.4601	.6	.07	.602
%RSD	80.66	2541.	52.06	.4581	.3381	21.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.176	119.5	15.32	779.9
Stddev	.485	.1	2.26	13.1
%RSD	41.24	.1140	14.73	1.678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4920.3	52591.	12413.
Stddev	6.2	98.	42.
%RSD	.12549	.18640	.33691

Sample Name: 460-60277-B-1-D Acquired: 8/16/2013 15:36:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.99	2.492	-.7750	152.8	.1275	44070.
Stddev	3.70	1.895	.1238	.3	.1057	174.
%RSD	6.721	76.02	15.98	.1825	82.90	.3941
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3577	3.790	.0437	.7449	18.52	2100.
Stddev	.0353	.088	.1074	.8480	6.79	21.
%RSD	9.858	2.322	245.7	113.8	36.67	.9819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7312.	264.6	F 254200.	3.967	11.70	2.822
Stddev	33.	.4	3775.	.256	.72	.426
%RSD	.4532	.1681	1.485	6.440	6.150	15.10
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60277-B-1-D Acquired: 8/16/2013 15:36:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.413	1.325	.5568	45.14	13.43	1.646
Stddev	.372	.546	.2565	.15	.15	.559
%RSD	15.41	41.21	46.07	.3390	1.114	33.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6398	118.5	5.680	1162.
Stddev	.3958	.2	.829	18.
%RSD	61.86	.1303	14.59	1.541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4984.0	53451.	12779.
Stddev	13.7	37.	58.
%RSD	.27521	.06893	.45300

Sample Name: 460-60481-A-2-H Acquired: 8/16/2013 15:43:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	86.60	1.956	-1.042	124.6	.3542	8985.
Stddev	1.56	1.334	.357	.2	.0529	50.
%RSD	1.805	68.19	34.32	.1822	14.94	.5594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3501	12.44	.6967	11.00	422.7	574.5
Stddev	.0765	.08	.2473	.53	2.7	17.4
%RSD	21.85	.6135	35.50	4.785	.6304	3.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2037.	420.6	221100.	5.333	145.5	1.138
Stddev	14.	2.0	2748.	.419	.9	.242
%RSD	.7029	.4668	1.243	7.851	.6526	21.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60481-A-2-H Acquired: 8/16/2013 15:43:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5265	.7733	.5807	53.83	13.02	.1582
Stddev	1.680	1.293	.1161	.21	.61	.1642
%RSD	319.1	167.2	19.99	.3958	4.686	103.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3439	43.77	2.526	425.1
Stddev	.3370	.19	.234	5.4
%RSD	97.98	.4427	9.263	1.278
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5023.1	54121.	12896.
Stddev	16.2	128.	40.
%RSD	.32151	.23696	.31079

Sample Name: 460-59301-A-29-J Acquired: 8/16/2013 16:10:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	137.2	.5726	-.2439	30.57	.1245	21180.
Stddev	2.2	.5012	.3491	.12	.0585	96.
%RSD	1.570	87.54	143.1	.3779	46.98	.4512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2083	4.046	1.978	11.75	131.9	593.8
Stddev	.0438	.103	.454	1.53	4.8	15.5
%RSD	21.01	2.535	22.93	13.01	3.668	2.615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2357.	405.5	F 288600.	8.043	8.428	.8183
Stddev	11.	.9	4923.	.363	.758	1.401
%RSD	.4563	.2317	1.706	4.517	8.993	171.2
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-59301-A-29-J Acquired: 8/16/2013 16:10:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7854	1.522	1.124	11.72	16.82	-.0585
Stddev	.6176	1.636	.059	.13	.13	.1871
%RSD	78.64	107.5	5.208	1.089	.7840	319.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5748	93.77	10.72	963.1
Stddev	.3511	.15	1.10	29.4
%RSD	61.08	.1610	10.28	3.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4972.6	53315.	12745.
Stddev	11.7	42.	63.
%RSD	.23579	.07955	.49312

Sample Name: 460-60719-A-2-H Acquired: 8/16/2013 16:18:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	291.6	.6355	-.4998	20.67	.2154	150700.
Stddev	4.4	1.167	.4108	.15	.0661	1142.
%RSD	1.510	183.7	82.18	.7321	30.69	.7579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1537	-.0882	26.86	2.679	245.1	2943.
Stddev	.0239	.1448	.16	.703	8.4	9.
%RSD	15.54	164.2	.5783	26.24	3.427	.2969
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	288.2	3.858	F 263000.	1.125	-.1400	2.847
Stddev	1.0	.048	4194.	.131	1.598	.965
%RSD	.3350	1.254	1.594	11.64	1141.	33.90
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-60719-A-2-H Acquired: 8/16/2013 16:18:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7583	-.1030	4.616	.1886	9.588	.1632
Stddev	2.888	.3440	.282	.0804	.163	.1772
%RSD	380.8	334.0	6.121	42.62	1.700	108.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2582	484.3	32.74	5594.
Stddev	.3663	.4	.49	34.
%RSD	141.8	.0854	1.492	.6151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4884.2	52737.	12694.
Stddev	3.9	154.	30.
%RSD	.07970	.29278	.23337

Sample Name: 460-61173-F-1-A Acquired: 8/16/2013 17:55:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26780.	8.915	-.8362	258.9	1.301	36230.
Stddev	56.	1.453	.3075	.5	.044	190.
%RSD	.2077	16.30	36.78	.2017	3.392	.5242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1354	22.20	64.07	52.00	64720.	8128.
Stddev	.1168	.23	.38	.67	270.	30.
%RSD	86.27	1.049	.5958	1.287	.4178	.3725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14400.	1267.	59930.	59.81	24.97	.7108
Stddev	78.	4.	761.	.83	1.42	.7114
%RSD	.5445	.2876	1.271	1.388	5.686	100.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61173-F-1-A Acquired: 8/16/2013 17:55:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.162	-3.905	69.83	104.4	25.83	3.804
Stddev	2.811	1.419	.32	.7	.46	.176
%RSD	67.55	36.33	.4523	.6275	1.786	4.630
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.530	306.7	2003.	F 31540.
Stddev	.190	.4	17.	104.
%RSD	7.501	.1187	.8587	.3294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5296.5	57591.	13275.
Stddev	3.2	274.	21.
%RSD	.06005	.47640	.15886

Sample Name: CCV Acquired: 8/16/2013 18:02:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123800.	2427.	1219.	9998.	988.4	126800.
Stddev	158.	4.	3.	11.	.9	294.
%RSD	.1277	.1578	.2230	.1064	.0910	.2319
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1244.	2481.	5029.	12260.	100800.	50940.
Stddev	2.	2.	9.	16.	120.	56.
%RSD	.1235	.0772	.1699	.1292	.1194	.1095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	5089.	125900.	2494.	7515.	972.0
Stddev	316.	18.	470.	4.	2.	2.1
%RSD	.2509	.3631	.3735	.1431	.0310	.2167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 18:02:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2437.	2533.	2493.	2512.	979.4	2465.
Stddev	7.	4.	3.	1.	.7	4.
%RSD	.2846	.1628	.1167	.0520	.0693	.1484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1000.	4968.	9897.	9261.
Stddev	3.	43.	15.	122.
%RSD	.3220	.8751	.1539	1.319
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4878.7	53164.	12640.
Stddev	8.7	34.	23.
%RSD	.17771	.06422	.17817

Sample Name: CCV Acquired: 8/16/2013 22:17:03 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121900.	2412.	1192.	9902.	972.3	124900.
Stddev	153.	3.	2.	17.	2.0	206.
%RSD	.1258	.1355	.1851	.1718	.2044	.1646
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1239.	2461.	4956.	12060.	99620.	49120.
Stddev	2.	4.	3.	18.	168.	70.
%RSD	.1370	.1434	.0684	.1453	.1683	.1430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123300.	5004.	125100.	2480.	7446.	941.7
Stddev	121.	20.	266.	3.	17.	2.2
%RSD	.0985	.3979	.2125	.1196	.2311	.2383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 22:17:03 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2398.	2464.	2450.	2499.	964.7	2442.
Stddev	7.	5.	3.	5.	.7	7.
%RSD	.2744	.2194	.1418	.1858	.0679	.3010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	988.1	4816.	9726.	9069.
Stddev	1.3	43.	10.	81.
%RSD	.1295	.8840	.1033	.8899
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4859.2	53158.	12520.
Stddev	12.2	81.	20.
%RSD	.25039	.15160	.16243

Sample Name: CCB Acquired: 8/16/2013 22:20:39 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-7.133	2.189	.0415	.1550	.1208	10.98
Stddev	2.218	.957	.6024	.0244	.0708	3.75
%RSD	31.10	43.73	1452.	15.73	58.60	34.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0804	-.2430	.0809	1.005	13.47	-16.07
Stddev	.0309	.1002	.4008	2.261	4.45	14.87
%RSD	38.42	41.23	495.2	225.0	33.06	92.52
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6175	.1045	9.320	-.0036	-.6715	2.246
Stddev	5.356	.0485	7.827	.2261	.8892	1.010
%RSD	867.4	46.44	83.98	6284.	132.4	44.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 22:20:39 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.797	1.821	.4071	-1.160	1.073	7.002
Stddev	3.502	1.782	.2448	.121	.383	1.213
%RSD	194.9	97.83	60.14	10.40	35.67	17.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5567	.1536	1.837	8.465
Stddev	.2828	.1134	1.235	21.52
%RSD	50.80	73.82	67.23	254.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5267.8	57696.	12712.
Stddev	9.6	123.	91.
%RSD	.18210	.21239	.71605

Sample Name: MB 460-176604/1-A@2 Acquired: 8/16/2013 22:24:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-11.21	.6433	-.2213	-.1110	.2314	2.502
Stddev	1.84	1.047	.3434	.0447	.0591	5.283
%RSD	16.37	162.8	155.2	40.30	25.52	211.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1242	-.0561	.2007	.4428	4.780	-22.64
Stddev	.0645	.1552	.3027	.2645	5.247	15.75
%RSD	51.93	276.6	150.8	59.74	109.8	69.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6548	.0120	-8.725	.1124	-.4842	1.691
Stddev	1.492	.0438	10.79	.3890	.8758	1.001
%RSD	227.8	365.5	123.7	346.1	180.9	59.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176604/1-A@2 Acquired: 8/16/2013 22:24:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3579	.4837	.5303	-1.303	.7520	.5677
Stddev	1.148	.4121	.1187	.198	.1145	.3948
%RSD	320.9	85.21	22.38	15.16	15.23	69.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2608	.0421	-.1255	1.220
Stddev	.2753	.0451	1.229	6.516
%RSD	105.6	107.0	979.3	534.2
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5275.4	57623.	12658.
Stddev	20.1	170.	9.
%RSD	.38112	.29567	.07197

Sample Name: LCSSRM 460-176604/2- Acquired: 8/16/2013 22:28:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45440.	788.5	194.5	1079.	541.5	35050.
Stddev	156.	2.9	.3	3.	1.4	159.
%RSD	.3443	.3647	.1502	.2601	.2503	.4527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	507.7	681.4	618.3	578.8	67700.	15090.
Stddev	.6	1.5	2.3	2.2	218.	39.
%RSD	.1181	.2132	.3694	.3731	.3220	.2600
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13550.	1858.	1705.	367.5	394.2	278.2
Stddev	64.	6.	6.	.8	.5	1.7
%RSD	.4699	.3086	.3792	.2065	.1280	.6204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176604/2- Acquired: 8/16/2013 22:28:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	591.0	1107.	432.9	1437.	392.1	295.5
Stddev	1.4	4.	1.3	3.	1.2	.7
%RSD	.2410	.3840	.2939	.1987	.2984	.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	713.8	654.1	1135.	1246.
Stddev	3.2	.7	1.	3.
%RSD	.4547	.1120	.0598	.2364
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5292.4	57394.	13052.
Stddev	20.8	289.	25.
%RSD	.39244	.50414	.19004

Sample Name: 460-61244-A-2-B DU@4 Acquired: 8/16/2013 22:31:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20060.	3.610	-.2555	126.2	1.225	6174.
Stddev	49.	1.347	.4777	.3	.058	27.
%RSD	.2444	37.30	187.0	.2673	4.704	.4408
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0829	17.66	46.99	251.9	32640.	2863.
Stddev	.0284	.18	.39	2.5	94.	35.
%RSD	34.27	1.033	.8202	1.006	.2874	1.234
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9028.	489.3	612.6	54.68	85.60	4.352
Stddev	36.	1.6	1.0	.43	.44	1.043
%RSD	.4012	.3313	.1621	.7813	.5162	23.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61244-A-2-B DU@4 Acquired: 8/16/2013 22:31:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.363	-.7326	57.05	115.7	8.476	1.191
Stddev	1.904	.4408	.51	.3	.384	.314
%RSD	139.7	60.17	.8855	.3023	4.532	26.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.451	24.06	829.3	957.9
Stddev	.116	.03	1.7	13.7
%RSD	2.135	.1334	.2097	1.425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5308.6	57763.	12915.
Stddev	22.5	181.	39.
%RSD	.42364	.31299	.29946

Sample Name: 460-61244-A-2-A@4 Acquired: 8/16/2013 22:35:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20110.	4.723	-.5427	126.4	1.257	6198.
Stddev	37.	1.313	.7504	.2	.086	20.
%RSD	.1844	27.81	138.3	.1546	6.806	.3286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1016	17.71	47.38	251.8	32650.	2880.
Stddev	.0190	.34	.42	1.1	15.	16.
%RSD	18.74	1.945	.8856	.4387	.0456	.5676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9069.	490.5	611.6	55.20	84.64	2.021
Stddev	30.	.5	7.7	.89	.39	1.322
%RSD	.3342	.0965	1.255	1.619	.4657	65.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61244-A-2-A@4 Acquired: 8/16/2013 22:35:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.863	-2.209	57.13	116.1	8.065	.6832
Stddev	.913	1.348	.07	.2	.523	.1302
%RSD	31.90	61.04	.1227	.1613	6.479	19.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.492	24.18	834.5	938.8
Stddev	.325	.15	2.0	15.8
%RSD	5.921	.6128	.2340	1.678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5313.8	57843.	12907.
Stddev	9.5	332.	8.
%RSD	.17887	.57359	.06099

Sample Name: sd 460-61244-A-2-A@2 Acquired: 8/16/2013 22:38:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3922.	.9949	-.3338	24.64	.3874	1213.
Stddev	9.	1.106	.2523	.22	.0644	1.
%RSD	.2241	111.2	75.57	.8794	16.61	.1102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0954	3.258	9.259	50.11	6439.	544.7
Stddev	.0820	.171	.288	2.07	6.	20.6
%RSD	86.03	5.243	3.114	4.135	.0998	3.789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1788.	96.29	105.3	10.93	17.23	1.419
Stddev	3.	.21	1.7	.20	1.06	1.300
%RSD	.1653	.2156	1.631	1.806	6.167	91.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61244-A-2-A@2 Acquired: 8/16/2013 22:38:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6451	1.269	11.31	22.16	1.728	-.1351
Stddev	.3050	.764	.04	.11	.297	.0302
%RSD	47.28	60.15	.3898	.5059	17.21	22.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9557	4.707	161.8	174.9
Stddev	.1916	.098	.3	11.6
%RSD	20.04	2.081	.1901	6.604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5339.6	58250.	12742.
Stddev	2.4	57.	36.
%RSD	.04561	.09767	.28210

Sample Name: 460-61244-A-2-C MS@4 Acquired: 8/16/2013 22:42:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24010.	925.3	22.74	1160.	26.62	17880.
Stddev	71.	1.4	.63	1.	.11	58.
%RSD	.2959	.1490	2.766	.0617	.4145	.3264
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.09	269.8	157.1	369.5	31740.	13060.
Stddev	.05	.6	.6	.9	70.	11.
%RSD	.1857	.2186	.3909	.2351	.2218	.0843
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19320.	710.1	10990.	309.4	325.4	174.4
Stddev	45.	1.1	16.	.7	1.8	.4
%RSD	.2308	.1484	.1476	.2376	.5558	.2059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61244-A-2-C MS@4 Acquired: 8/16/2013 22:42:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	916.1	1054.	299.8	386.9	241.7	240.4
Stddev	4.5	4.	.7	1.6	.9	.4
%RSD	.4921	.4163	.2301	.4092	.3906	.1857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	255.3	269.4	1036.	1675.
Stddev	.5	.2	7.	21.
%RSD	.1879	.0913	.6416	1.266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5244.1	57385.	12881.
Stddev	13.3	168.	28.
%RSD	.25296	.29325	.21536

Sample Name: pds 460-61244-A-2-A@ Acquired: 8/16/2013 22:45:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21700.	1743.	43.67	2085.	49.69	25680.
Stddev	43.	5.	1.63	1.	.24	88.
%RSD	.1962	.2653	3.722	.0709	.4868	.3431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.64	498.0	241.0	480.2	32710.	21740.
Stddev	.14	.6	1.1	1.9	86.	49.
%RSD	.2972	.1244	.4407	.3900	.2630	.2259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27610.	974.4	20220.	542.3	568.9	417.1
Stddev	92.	2.0	57.	1.2	1.5	4.4
%RSD	.3325	.2055	.2805	.2247	.2555	1.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61244-A-2-A@ Acquired: 8/16/2013 22:45:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1756.	2006.	523.7	597.7	457.3	467.9
Stddev	2.	5.	1.5	.7	1.1	1.2
%RSD	.0906	.2253	.2836	.1168	.2381	.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	491.4	487.1	1295.	1073.
Stddev	.3	.5	2.	30.
%RSD	.0605	.0953	.1850	2.774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5216.9	56953.	12838.
Stddev	16.9	127.	59.
%RSD	.32419	.22265	.45667

Sample Name: 460-61365-A-6-G@4 Acquired: 8/16/2013 22:49:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43170.	23.38	.6015	137.5	1.739	71530.
Stddev	169.	.87	.2266	.5	.112	328.
%RSD	.3925	3.733	37.68	.3728	6.454	.4583
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2654	30.62	106.7	73.17	86200.	8846.
Stddev	.0691	.31	.8	.44	293.	40.
%RSD	26.04	1.001	.7029	.5954	.3396	.4517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20630.	2265.	7427.	76.20	114.5	5.392
Stddev	85.	7.	23.	.52	.3	.635
%RSD	.4126	.3101	.3037	.6810	.2256	11.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61365-A-6-G@4 Acquired: 8/16/2013 22:49:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.920	-4.677	87.12	444.9	53.94	3.884
Stddev	1.626	1.149	.45	1.7	.24	.357
%RSD	27.46	24.56	.5161	.3748	.4492	9.182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.972	401.4	1061.	2643.
Stddev	.358	.5	2.	37.
%RSD	3.588	.1247	.2119	1.399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5318.6	57965.	13233.
Stddev	11.3	203.	48.
%RSD	.21244	.35016	.36060

Sample Name: 460-61366-A-6-G@4 Acquired: 8/16/2013 22:52:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44820.	20.49	.8066	139.2	1.671	96530.
Stddev	310.	1.48	.5411	.9	.023	691.
%RSD	.6905	7.216	67.08	.6369	1.374	.7159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3338	31.44	116.3	71.18	90310.	9361.
Stddev	.0405	.35	.9	2.81	524.	59.
%RSD	12.13	1.125	.7386	3.947	.5799	.6275
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22080.	2536.	6812.	82.25	62.95	3.189
Stddev	151.	13.	29.	.60	.49	1.349
%RSD	.6841	.5247	.4201	.7305	.7855	42.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61366-A-6-G@4 Acquired: 8/16/2013 22:52:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.788	-3.917	93.64	516.6	56.77	3.589
Stddev	1.383	1.392	.52	1.9	.45	.310
%RSD	28.89	35.52	.5517	.3767	.7857	8.647
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.823	534.5	1127.	2151.
Stddev	.488	1.8	6.	12.
%RSD	6.236	.3441	.5510	.5532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5303.6	57857.	13158.
Stddev	10.7	153.	6.
%RSD	.20168	.26367	.04399

Sample Name: 460-61367-A-6-F@4 Acquired: 8/16/2013 22:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50620.	16.33	.8098	155.6	1.912	169100.
Stddev	77.	.69	.4194	.4	.068	824.
%RSD	.1523	4.213	51.79	.2589	3.552	.4872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1924	33.00	148.3	71.24	96520.	9945.
Stddev	.0231	.24	1.0	.65	437.	17.
%RSD	11.99	.7298	.6592	.9170	.4522	.1674
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26600.	2435.	7071.	92.98	42.25	1.521
Stddev	171.	8.	5.	.25	1.36	1.525
%RSD	.6428	.3463	.0653	.2665	3.223	100.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61367-A-6-F@4 Acquired: 8/16/2013 22:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.610	-6.052	105.5	740.4	65.11	4.540
Stddev	1.115	1.622	.9	2.2	.40	.255
%RSD	19.88	26.80	.8196	.2945	.6148	5.623
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.698	905.1	1368.	2810.
Stddev	.481	2.1	2.	57.
%RSD	7.188	.2288	.1301	2.014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5222.6	56738.	13016.
Stddev	8.6	103.	30.
%RSD	.16440	.18073	.22938

Sample Name: CCV Acquired: 8/16/2013 23:00:00 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122400.	2399.	1200.	9897.	977.2	126500.
Stddev	177.	7.	2.	4.	.9	471.
%RSD	.1446	.2804	.1822	.0378	.0954	.3725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1234.	2455.	4982.	12090.	100100.	49790.
Stddev	1.	.	13.	8.	249.	82.
%RSD	.0892	.0139	.2513	.0678	.2493	.1650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	5053.	126200.	2473.	7436.	944.3
Stddev	428.	10.	568.	3.	3.	2.9
%RSD	.3426	.2039	.4503	.1229	.0418	.3021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/16/2013 23:00:00 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2394.	2480.	2467.	2501.	959.9	2438.
Stddev	3.	4.	3.	4.	1.2	3.
%RSD	.1160	.1667	.1099	.1661	.1251	.1178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	987.9	4859.	9769.	F 8927.
Stddev	1.5	40.	3.	66.
%RSD	.1476	.8142	.0342	.7447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				10000.
Range				-10.50%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4909.2	53262.	12429.
Stddev	8.3	47.	43.
%RSD	.16922	.08868	.34897

Sample Name: CCB Acquired: 8/16/2013 23:03:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.474	.6668	.3162	.2807	.2590	9.387
Stddev	6.483	.5936	.3614	.2634	.0226	3.788
%RSD	262.0	89.03	114.3	93.82	8.720	40.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0701	-.1764	.6752	2.612	13.73	.5557
Stddev	.0454	.1825	.0671	1.199	2.56	29.84
%RSD	64.72	103.5	9.940	45.89	18.61	5369.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

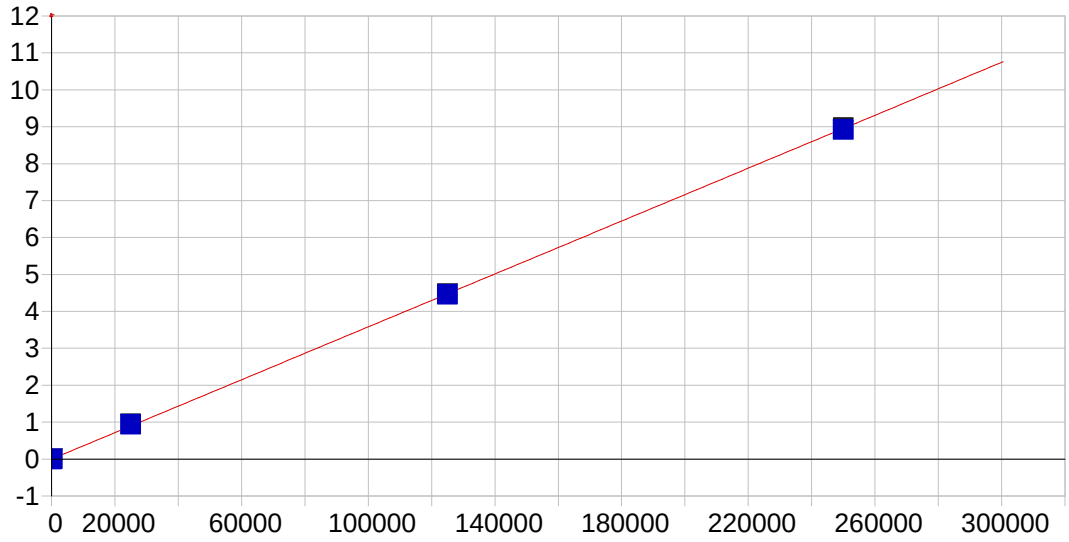
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.867	.2318	13.84	.6911	-.7401	2.138
Stddev	4.887	.0835	8.60	.5996	.5527	.230
%RSD	100.4	36.03	62.12	86.76	74.67	10.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/16/2013 23:03:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.769	.9874	.3392	-1.032	1.887	7.419
Stddev	1.281	.8616	.2079	.045	.598	1.361
%RSD	46.28	87.27	61.31	4.379	31.66	18.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8402	.2065	2.587	6.876
Stddev	.1327	.0735	1.184	22.55
%RSD	15.79	35.61	45.78	328.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5310.1	57874.	12593.
Stddev	9.0	203.	42.
%RSD	.17002	.35114	.33082

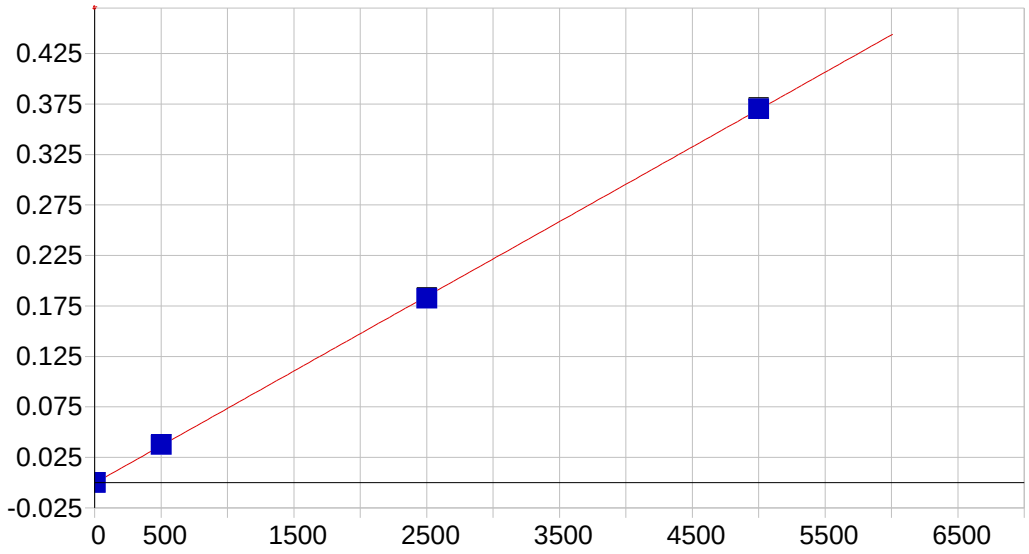


Al 396.152 { 85}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000596	Re-Slope:	1.000000
A1 (Gain):	0.000036	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999917	Status:	OK.
Std Error of Est:	0.000169		
Predicted MDL:	8.958939		
Predicted MQL:	29.863129		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00654	-.007	.000	-.00060	.000	1
DCAL2	200.00	197.87	-2.13	-1.06	.00652	.000	1
DCAL3	25000.	26250.	1250.	5.00	.94045	.001	1
DCAL4	125000.	124580.	-421.	-.337	4.4656	.008	1
DCAL5	250000.	249170.	-827.	-.331	8.9324	.031	1

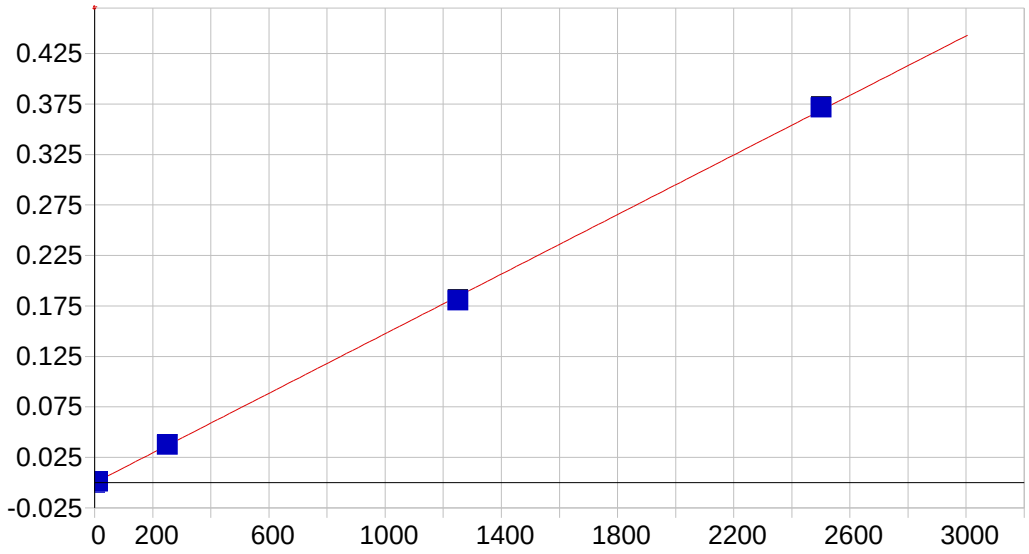


As 189.042 {478}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000435	Re-Slope:	1.000000
A1 (Gain):	0.000074	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	1.592632		
Predicted MQL:	5.308772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00064	-.001	.000	-.00043	.000	1
DCAL2	5.0000	5.5402	.540	10.8	-.00002	.000	1
DCAL3	500.00	514.23	14.2	2.85	.03758	.000	1
DCAL4	2500.0	2473.9	-26.1	-1.04	.18245	.000	1
DCAL5	5000.0	5011.3	11.3	.227	.37004	.001	1

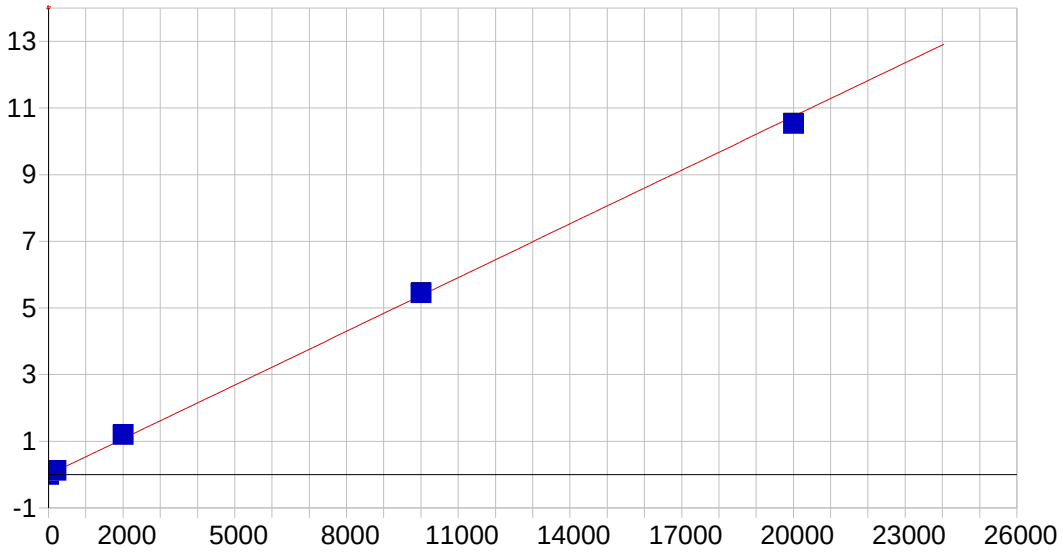


Ag 328.068 {103}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000008	Re-Slope:	1.000000
A1 (Gain):	0.000147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.588954		
Predicted MQL:	1.963182		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00044	.000	.000	.00001	.000	1
DCAL2	10.000	9.4850	-.515	-5.15	.00141	.000	1
DCAL3	250.00	254.84	4.84	1.94	.03759	.000	1
DCAL4	1250.0	1225.4	-24.6	-1.97	.18071	.001	1
DCAL5	2500.0	2520.3	20.3	.810	.37166	.000	1

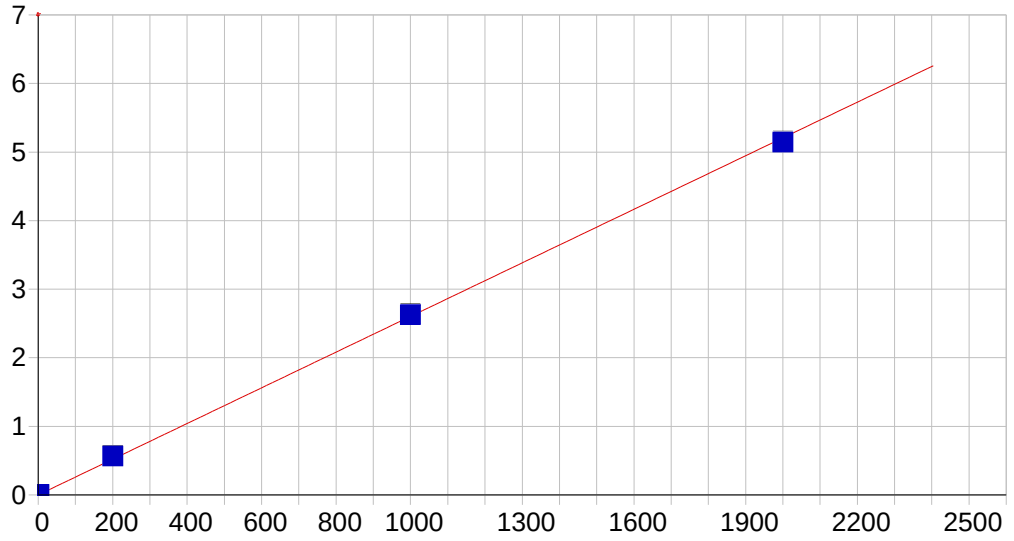


Ba 233.527 {445}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000023	Re-Slope:	1.000000
A1 (Gain):	0.000537	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999351	Status:	OK.
Std Error of Est:	0.002003		
Predicted MDL:	0.213569		
Predicted MQL:	0.711896		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.04851	-.049	.000	-.00000	.000	1
DCAL2	200.00	226.05	26.0	13.0	.12148	.000	1
DCAL3	2000.0	2236.3	236.	11.8	1.2009	.001	1
DCAL4	10000.	10145.	145.	1.45	5.4476	.003	1
DCAL5	20000.	19592.	-408.	-2.04	10.520	.010	1

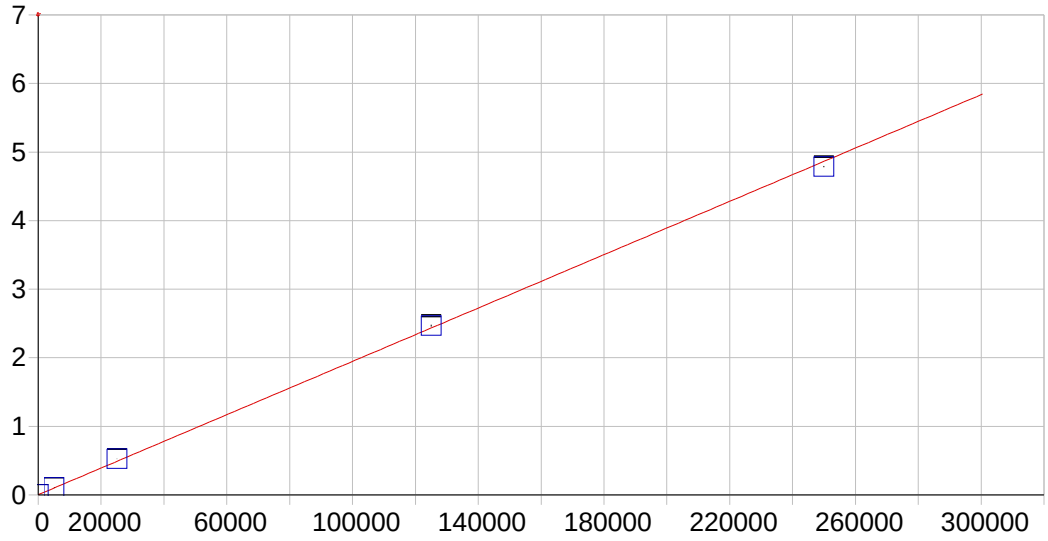


Be 313.042 {108}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000331	Re-Slope:	1.000000
A1 (Gain):	0.002604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000212		
Predicted MDL:	0.085613		
Predicted MQL:	0.285377		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00050	-.000	.000	.00033	.000	1
DCAL2	2.0000	2.3337	.334	16.7	.00647	.000	1
DCAL3	200.00	217.50	17.5	8.75	.56798	.002	1
DCAL4	1000.0	1008.1	8.14	.814	2.6319	.005	1
DCAL5	2000.0	1974.0	-26.0	-1.30	5.1533	.004	1

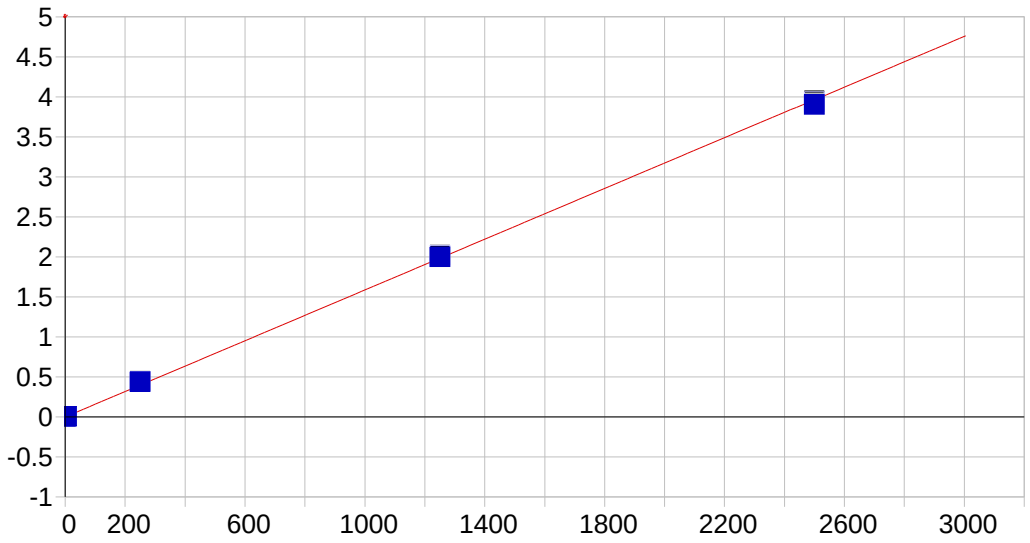


Ca 318.128 {106}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003027	Re-Slope:	1.000000
A1 (Gain):	0.000019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999699	Status:	OK.
Std Error of Est:	0.000876		
Predicted MDL:	4.702527		
Predicted MQL:	15.675091		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.64102	-.641	.000	.00301	.000	1
DCAL2	5000.0	5272.4	272.	5.45	.10555	.000	1
DCAL3	25000.	26880.	1880.	7.52	.52571	.001	1
DCAL4	125000.	126780.	1780.	1.43	2.4683	.012	1
DCAL5	250000.	246070.	-3930.	-1.57	4.7878	.007	1

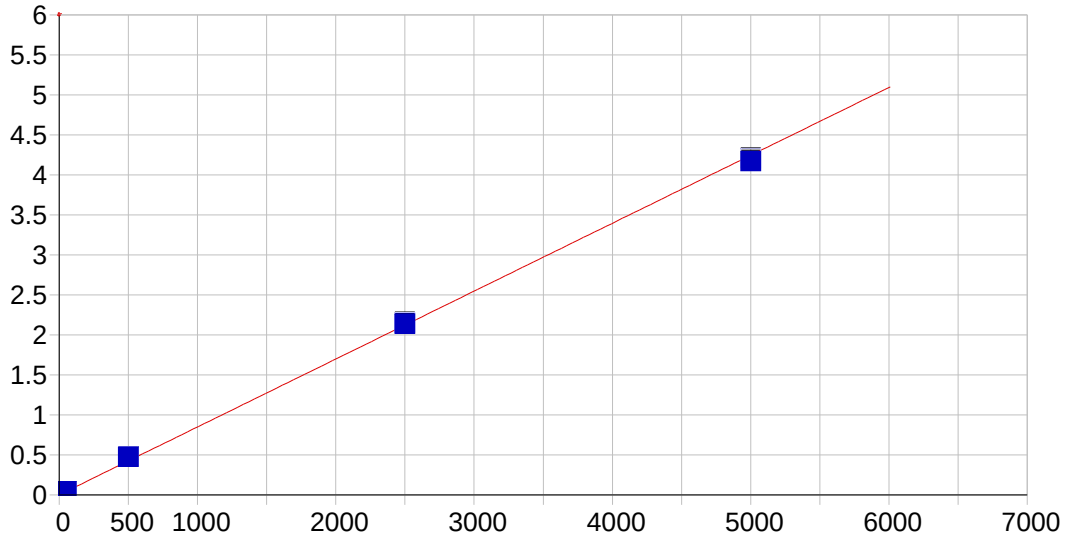


Cd 226.502 {449}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000528	Re-Slope:	1.000000
A1 (Gain):	0.001586	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999558	Status:	OK.
Std Error of Est:	0.000246		
Predicted MDL:	0.110947		
Predicted MQL:	0.369825		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00078	-.001	.000	-.00053	.000	1
DCAL2	4.0000	4.3775	.378	9.44	.00645	.000	1
DCAL3	250.00	276.85	26.9	10.7	.44242	.000	1
DCAL4	1250.0	1261.2	11.2	.898	2.0190	.003	1
DCAL5	2500.0	2461.5	-38.5	-1.54	3.9420	.006	1

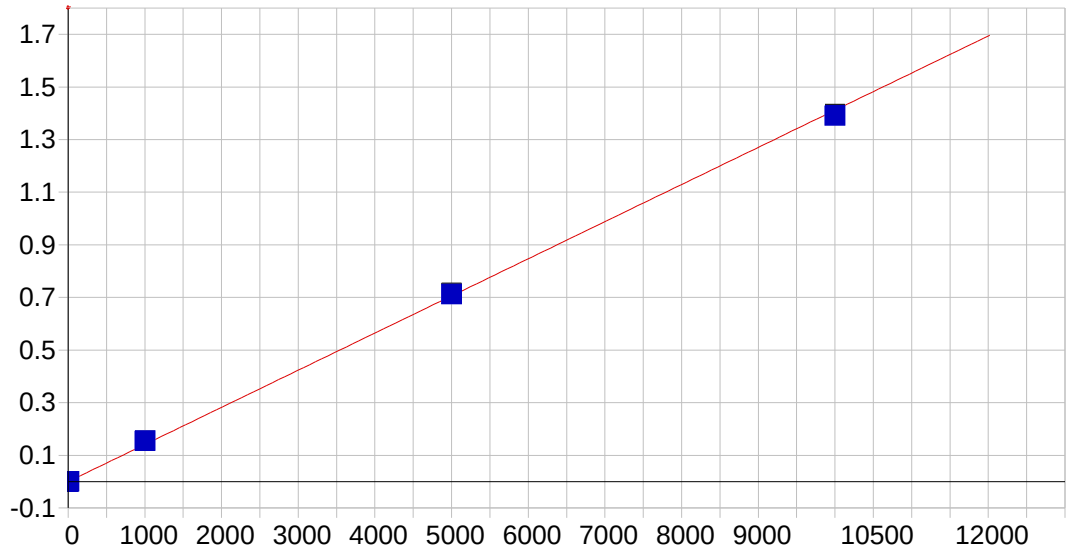


Co 228.616 {447}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000686	Re-Slope:	1.000000
A1 (Gain):	0.000849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999436	Status:	OK.
Std Error of Est:	0.000744		
Predicted MDL:	0.232174		
Predicted MQL:	0.773913		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01154	-.012	.000	.00068	.000	1
DCAL2	50.000	56.120	6.12	12.2	.04834	.000	1
DCAL3	500.00	558.74	58.7	11.7	.47831	.000	1
DCAL4	2500.0	2519.4	19.4	.778	2.1560	.002	1
DCAL5	5000.0	4915.7	-84.3	-1.69	4.2068	.004	1

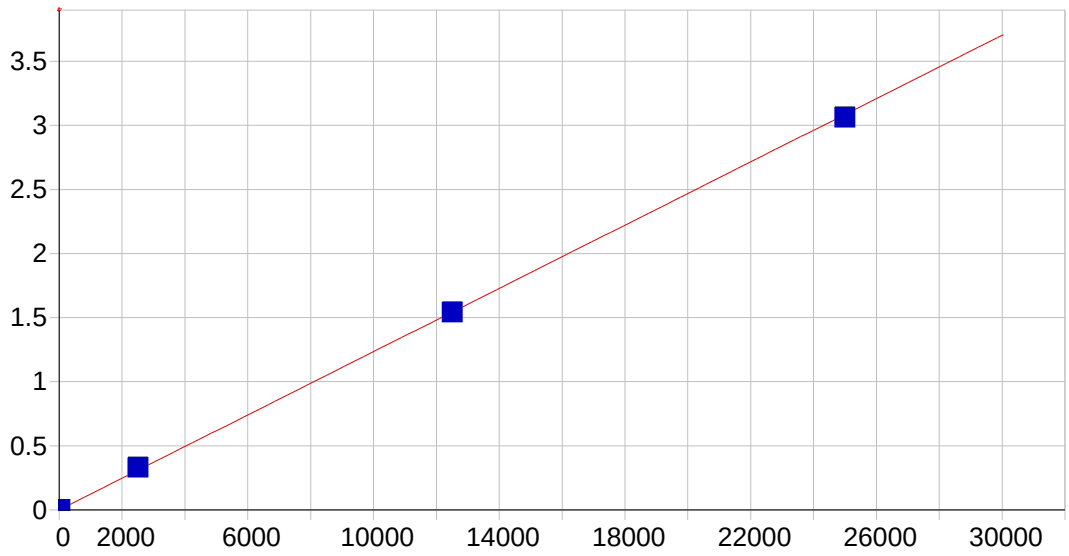


Cr 267.716 {126}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000032	Re-Slope:	1.000000
A1 (Gain):	0.000141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999602	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.427871		
Predicted MQL:	1.426236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00227	-.002	.000	-.00003	.000	1
DCAL2	10.000	11.322	1.32	13.2	.00157	.000	1
DCAL3	1000.0	1100.4	100.	10.0	.15540	.000	1
DCAL4	5000.0	5043.9	43.9	.878	.71245	.004	1
DCAL5	10000.	9854.4	-146.	-1.46	1.3920	.004	1

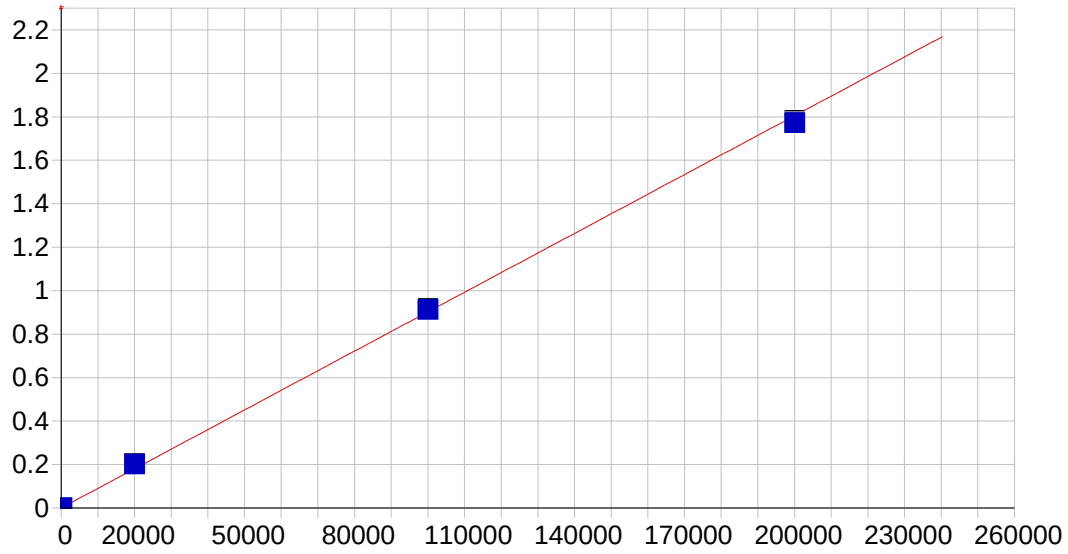


Cu 324.754 {104}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000767	Re-Slope:	1.000000
A1 (Gain):	0.000123	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999805	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	1.864048		
Predicted MQL:	6.213493		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00372	-.004	.000	.00077	.000	1
DCAL1	10.000	12.047	2.05	20.5	.00225	.000	1
DCAL2	25.000	27.532	2.53	10.1	.00416	.000	1
DCAL3	2500.0	2684.3	184.	7.37	.33161	.001	1
DCAL4	12500.	12492.	-7.75	-.062	1.5403	.001	1
DCAL5	25000.	24819.	-181.	-.725	3.0594	.001	1

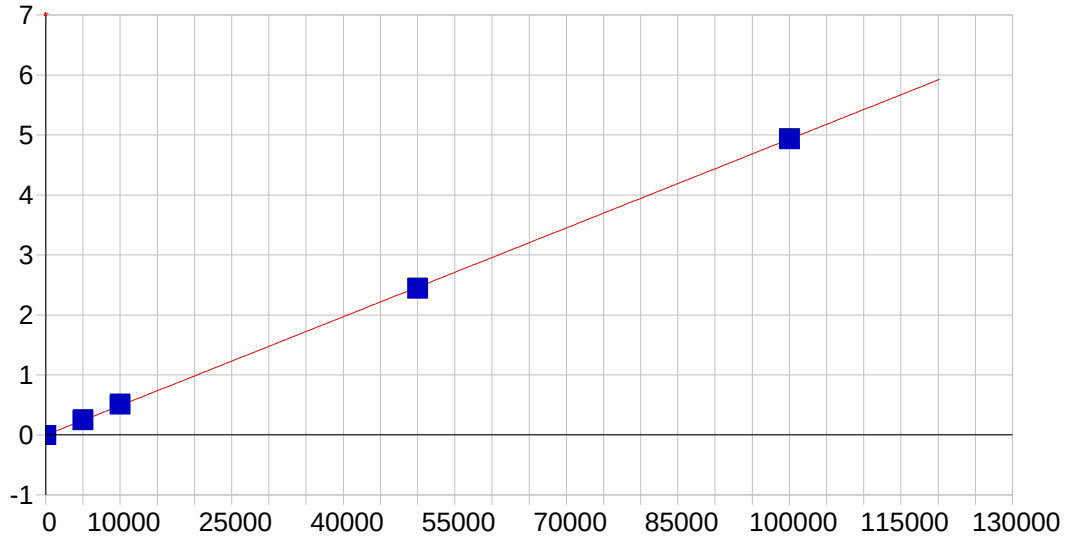


Fe 271.441 {124}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000053	Re-Slope:	1.000000
A1 (Gain):	0.000009	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999424	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	7.547399		
Predicted MQL:	25.157996		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.06728	-.067	.000	.00005	.000	1
DCAL1	100.00	119.58	19.6	19.6	.00113	.000	1
DCAL2	150.00	205.00	55.0	36.7	.00194	.000	1
DCAL3	20000.	22339.	2340.	11.7	.20210	.001	1
DCAL4	100000.	101100.	1100.	1.10	.91469	.003	1
DCAL5	200000.	196490.	-3510.	-1.76	1.7778	.005	1

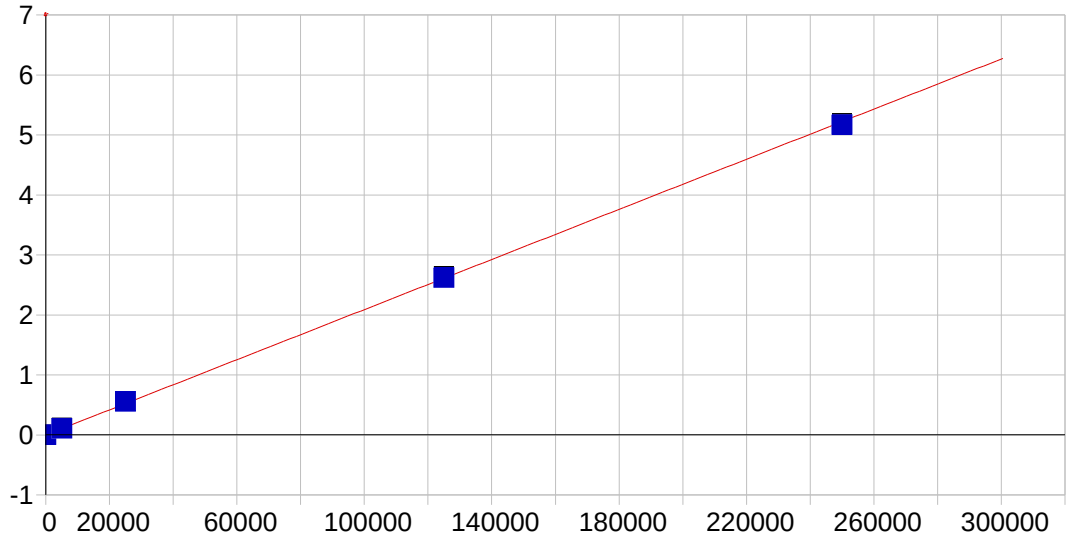


K 766.490 { 44}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004061	Re-Slope:	1.000000
A1 (Gain):	0.000049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000642		
Predicted MDL:	21.817489		
Predicted MQL:	72.724964		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.23307	-.233	.000	-.00407	.001	1
DCAL2	5000.0	5094.7	94.7	1.89	.24727	.001	1
DCAL3	10000.	10372.	372.	3.72	.50781	.000	1
DCAL4	50000.	49514.	-486.	-.972	2.4395	.003	1
DCAL5	100000.	100020.	19.2	.019	4.9320	.005	1

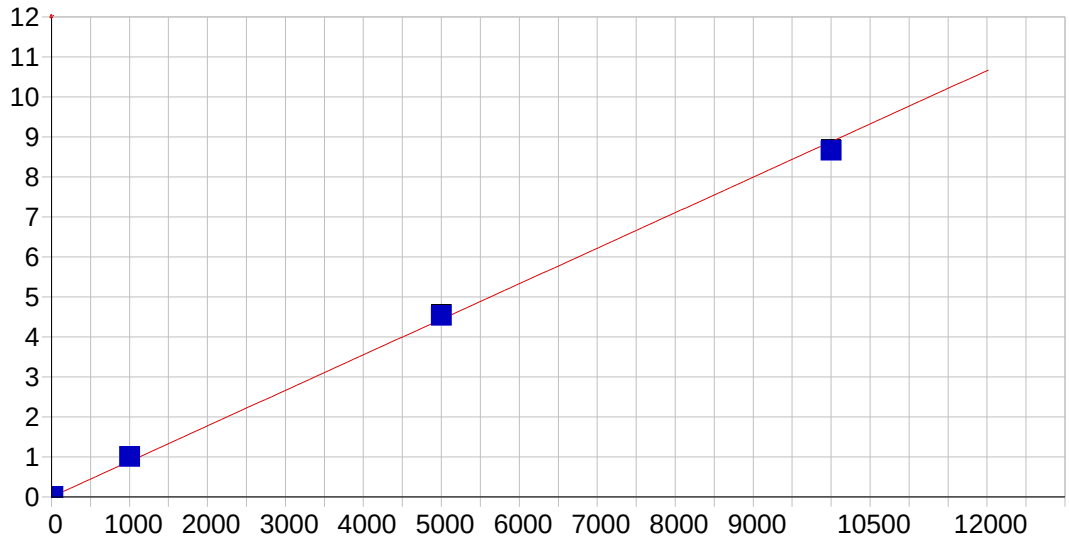


Mg 279.079 {121}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000017	Re-Slope:	1.000000
A1 (Gain):	0.000021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999816	Status:	OK.
Std Error of Est:	0.000735		
Predicted MDL:	3.254064		
Predicted MQL:	10.846880		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.60398	-.604	.000	.00000	.000	1
DCAL2	5000.0	5311.8	312.	6.24	.11095	.000	1
DCAL3	25000.	26591.	1590.	6.36	.55500	.001	1
DCAL4	125000.	125600.	602.	.481	2.6213	.016	1
DCAL5	250000.	247500.	-2500.	-1.00	5.1653	.018	1

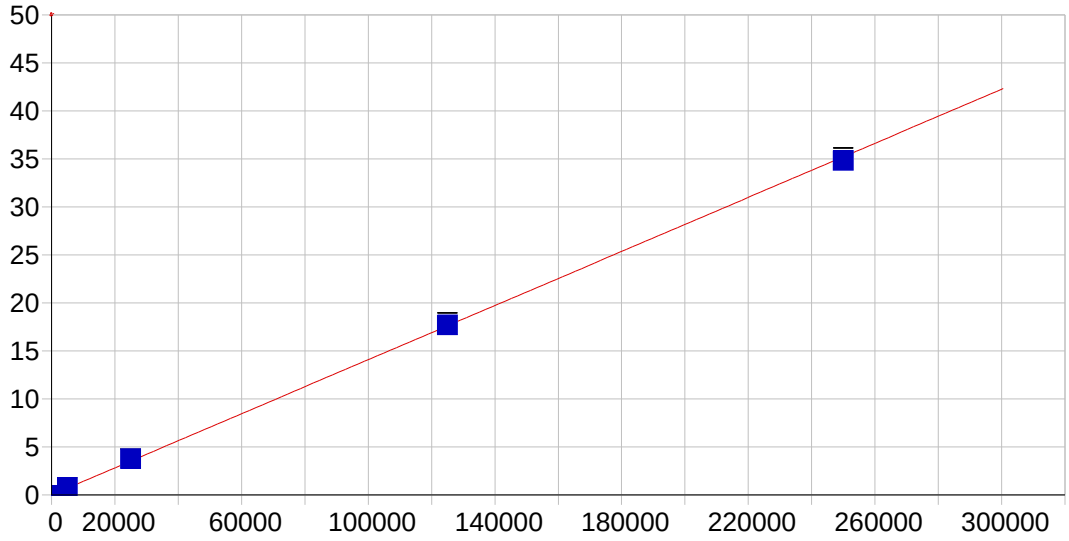


Mn 257.610 {131}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000139	Re-Slope:	1.000000
A1 (Gain):	0.000888	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999201	Status:	OK.
Std Error of Est:	0.000710		
Predicted MDL:	0.061769		
Predicted MQL:	0.205895		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00417	-.004	.000	.00014	.000	1
DCAL2	15.000	17.247	2.25	15.0	.01546	.000	1
DCAL3	1000.0	1131.0	131.	13.1	1.0046	.001	1
DCAL4	5000.0	5107.7	108.	2.15	4.5363	.023	1
DCAL5	10000.	9759.0	-241.	-2.41	8.6671	.011	1

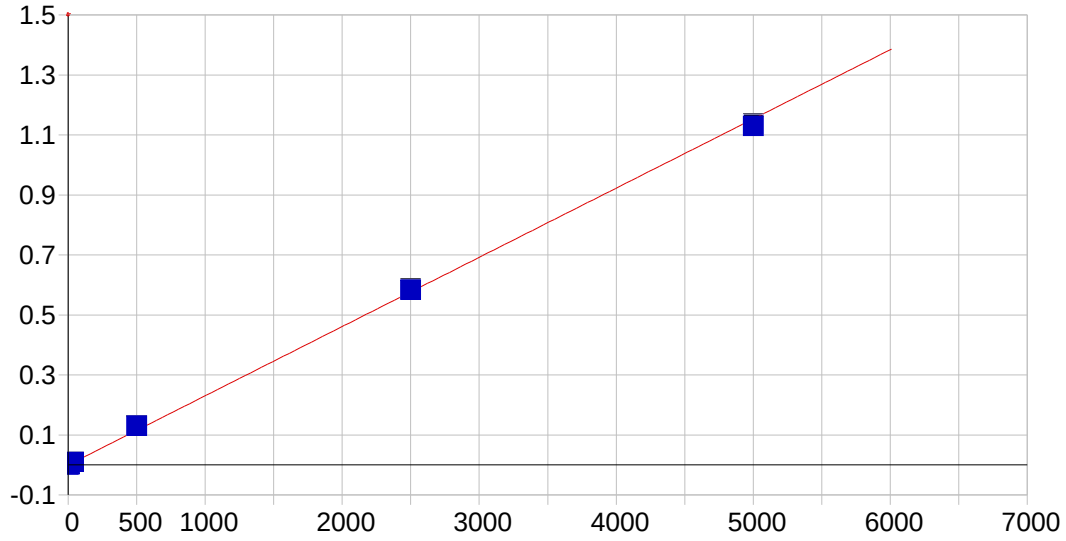


Na 589.592 { 57}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003860	Re-Slope:	1.000000
A1 (Gain):	0.000141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.005529		
Predicted MDL:	6.967063		
Predicted MQL:	23.223545		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.67473	-.675	.000	.00376	.001	1
DCAL2	5000.0	5346.8	347.	6.94	.75700	.001	1
DCAL3	25000.	26799.	1800.	7.20	3.7798	.002	1
DCAL4	125000.	125550.	552.	.441	17.694	.237	1
DCAL5	250000.	247300.	-2700.	-1.08	34.849	.271	1

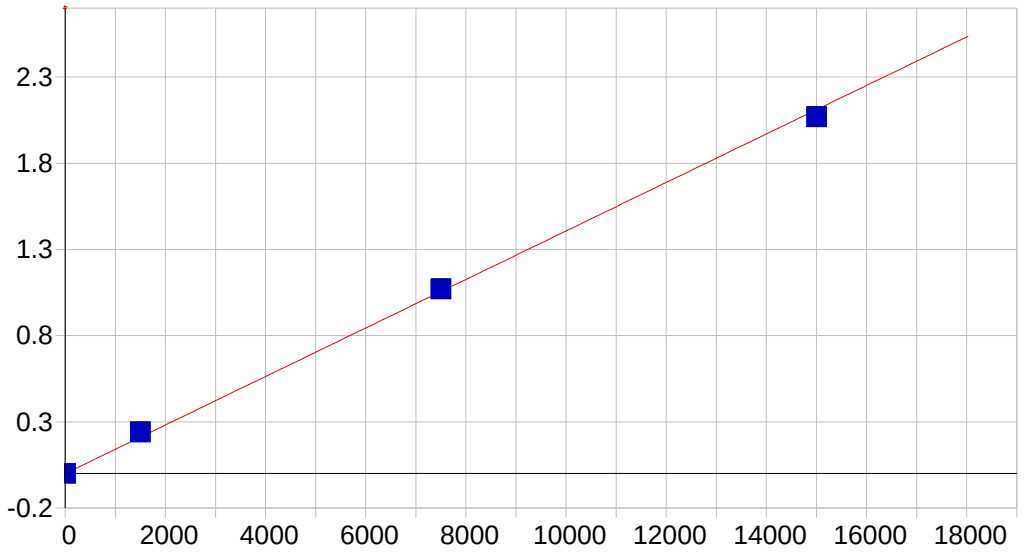


Ni 231.604 {446}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000199	Re-Slope:	1.000000
A1 (Gain):	0.000231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999271	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.617712		
Predicted MQL:	2.059040		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00458	-.005	.000	-.00020	.000	1
DCAL1	10.000	11.916	1.92	19.2	.00255	.000	1
DCAL2	40.000	45.853	5.85	14.6	.01041	.000	1
DCAL3	500.00	564.29	64.3	12.9	.13061	.000	1
DCAL4	2500.0	2529.0	29.0	1.16	.58639	.000	1
DCAL5	5000.0	4898.9	-101.	-2.02	1.1363	.001	1

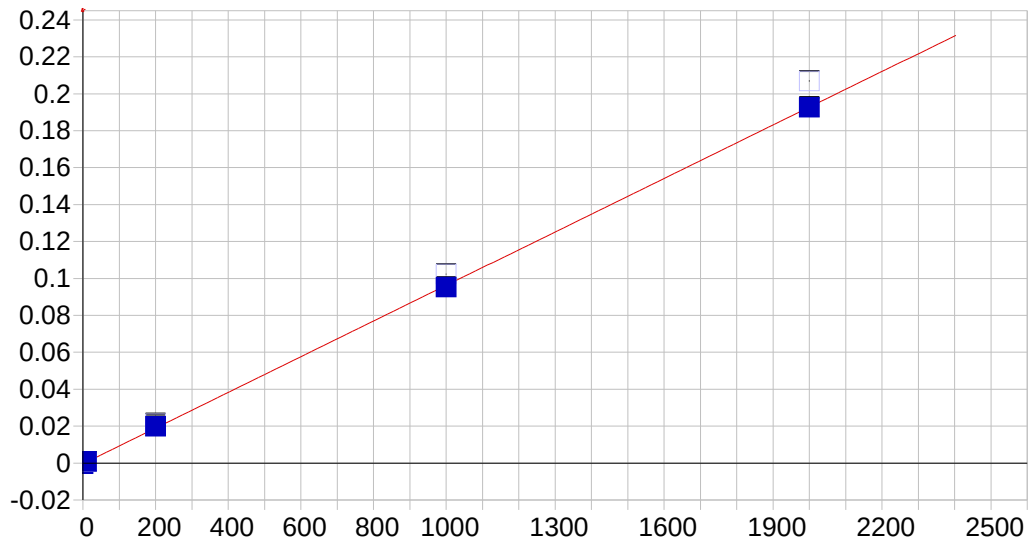


Pb 220.353 {453}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000006	Re-Slope:	1.000000
A1 (Gain):	0.000141	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999287	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	1.248430		
Predicted MQL:	4.161434		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00172	-.002	.000	.00001	.000	1
DCAL2	5.0000	6.0911	1.09	21.8	.00087	.000	1
DCAL3	1500.0	1699.0	199.	13.3	.23902	.000	1
DCAL4	7500.0	7604.0	104.	1.39	1.0697	.001	1
DCAL5	15000.	14696.	-304.	-2.03	2.0673	.002	1

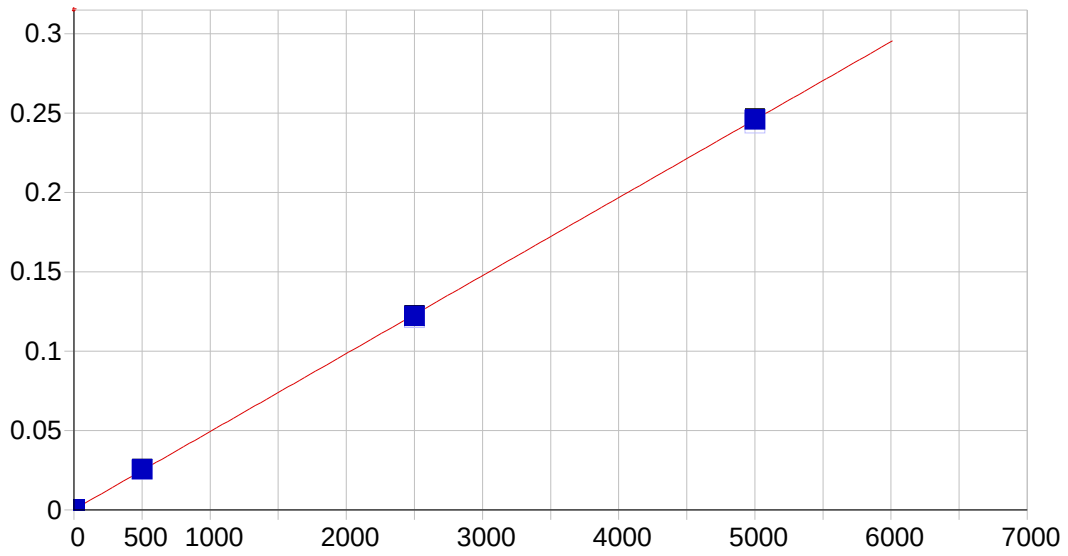


Sb 206.833 {463}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000330	Re-Slope:	1.000000
A1 (Gain):	0.000097	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999899	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	1.553361		
Predicted MQL:	5.177871		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00170	-.002	.000	-.00033	.000	1
DCAL2	10.000	11.324	1.32	13.2	.00071	.000	1
DCAL3	200.00	209.66	9.66	4.83	.02133	.000	1
DCAL4	1000.0	989.74	-10.3	-1.03	.10233	.000	1
DCAL5	2000.0	1999.4	-.569	-.028	.20691	.000	1

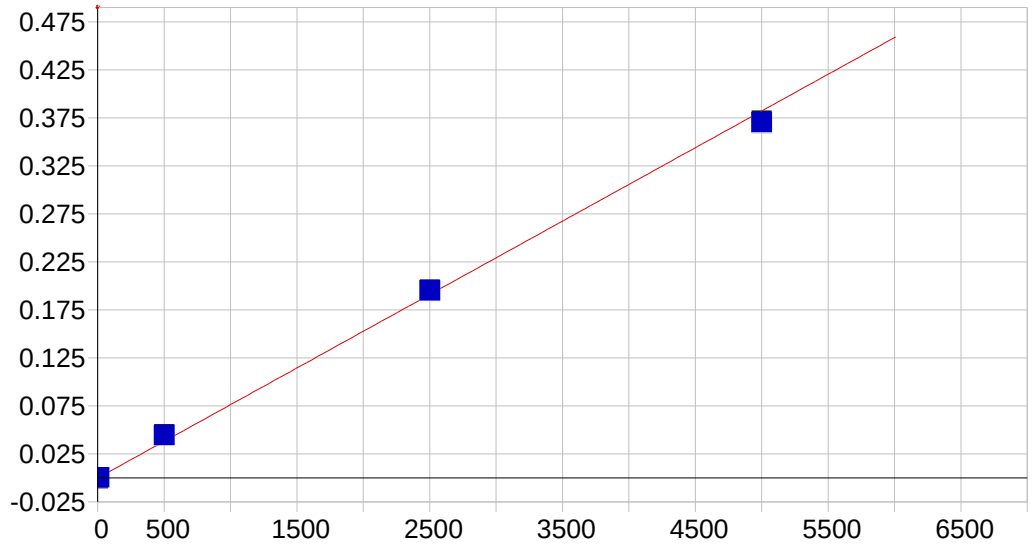


Se 196.090 {472}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000253	Re-Slope:	1.000000
A1 (Gain):	0.000049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	2.049951		
Predicted MQL:	6.833171		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	-.000	.000	.00025	.000	1
DCAL2	5.0000	5.1105	.111	2.21	.00050	.000	1
DCAL3	500.00	515.15	15.1	3.03	.02532	.000	1
DCAL4	2500.0	2483.1	-16.9	-.674	.12104	.000	1
DCAL5	5000.0	5001.6	1.60	.032	.24355	.000	1

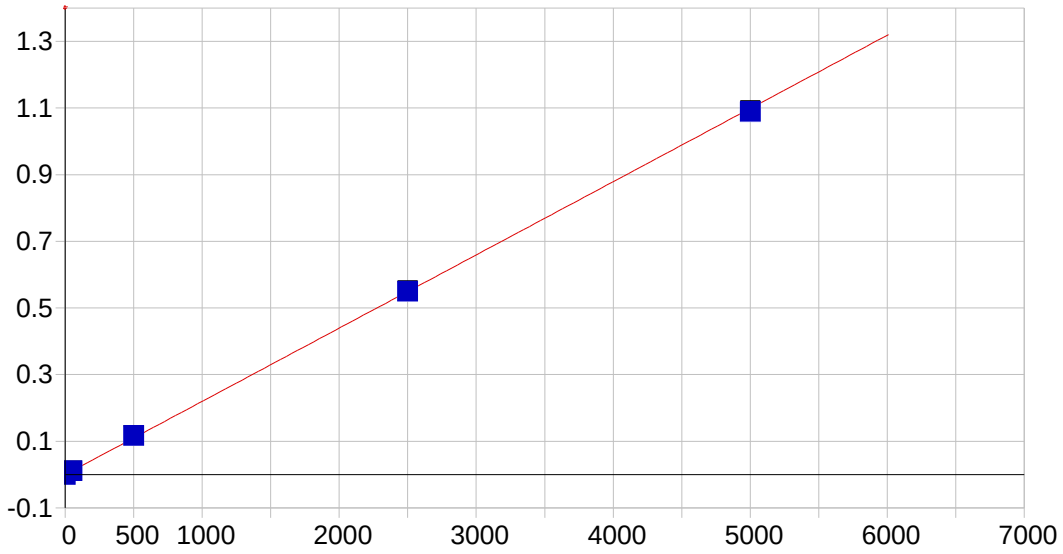


Tl 190.856 {477}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000253	Re-Slope:	1.000000
A1 (Gain):	0.000076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998653	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	1.443086		
Predicted MQL:	4.810286		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00466	-.005	.000	-.00025	.000	1
DCAL2	10.000	13.007	3.01	30.1	.00074	.000	1
DCAL3	500.00	585.83	85.8	17.2	.04440	.000	1
DCAL4	2500.0	2559.4	59.4	2.38	.19474	.000	1
DCAL5	5000.0	4851.8	-148.	-2.96	.36931	.001	1

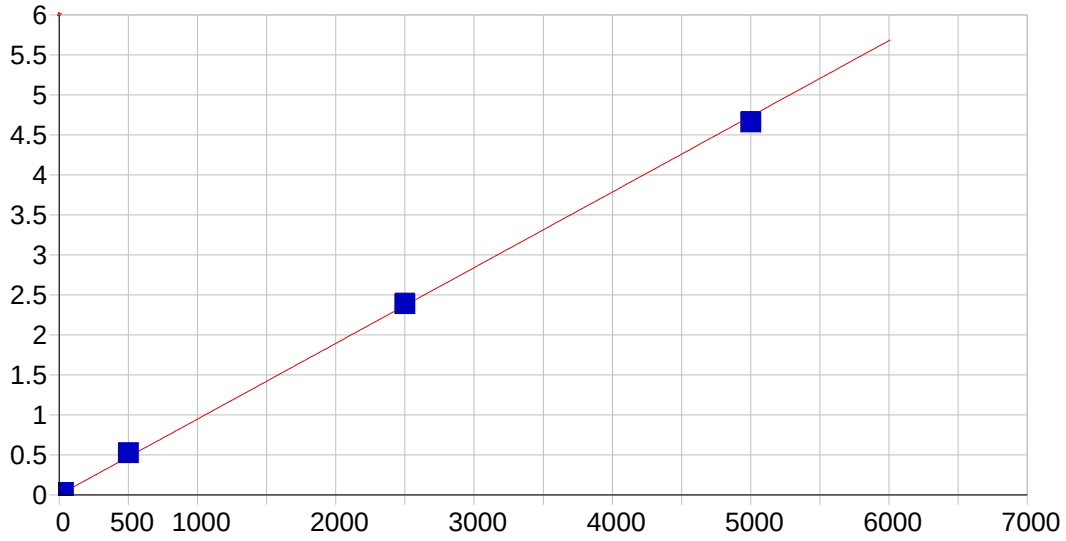


V 292.402 {115}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000048	Re-Slope:	1.000000
A1 (Gain):	0.000220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999837	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.345740		
Predicted MQL:	1.152468		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00616	-.006	.000	.00005	.000	1
DCAL2	50.000	53.242	3.24	6.48	.01173	.000	1
DCAL3	500.00	532.40	32.4	6.48	.11678	.000	1
DCAL4	2500.0	2503.0	2.96	.118	.54876	.001	1
DCAL5	5000.0	4961.4	-38.6	-.772	1.0877	.002	1

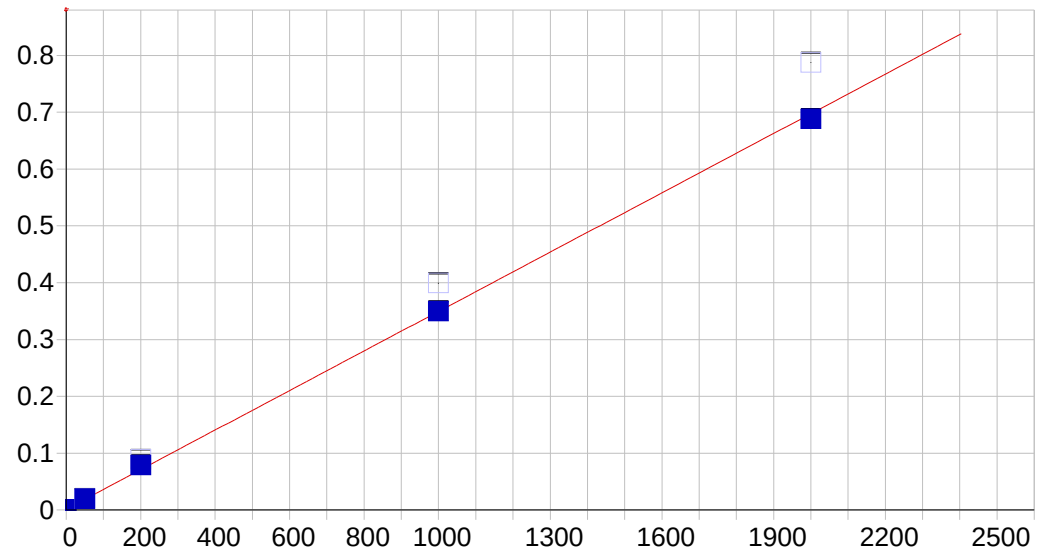


Zn 206.200 {463}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002025	Re-Slope:	1.000000
A1 (Gain):	0.000946	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999560	Status:	OK.
Std Error of Est:	0.000307		
Predicted MDL:	0.156930		
Predicted MQL:	0.523100		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00242	-.002	.000	.00202	.000	1
DCAL2	30.000	33.057	3.06	10.2	.03345	.000	1
DCAL3	500.00	551.21	51.2	10.2	.52217	.001	1
DCAL4	2500.0	2523.7	23.7	.949	2.3830	.007	1
DCAL5	5000.0	4921.5	-78.5	-1.57	4.6448	.007	1
DCAL1	10.000	10.439	.439	4.39	.01190	.000	1

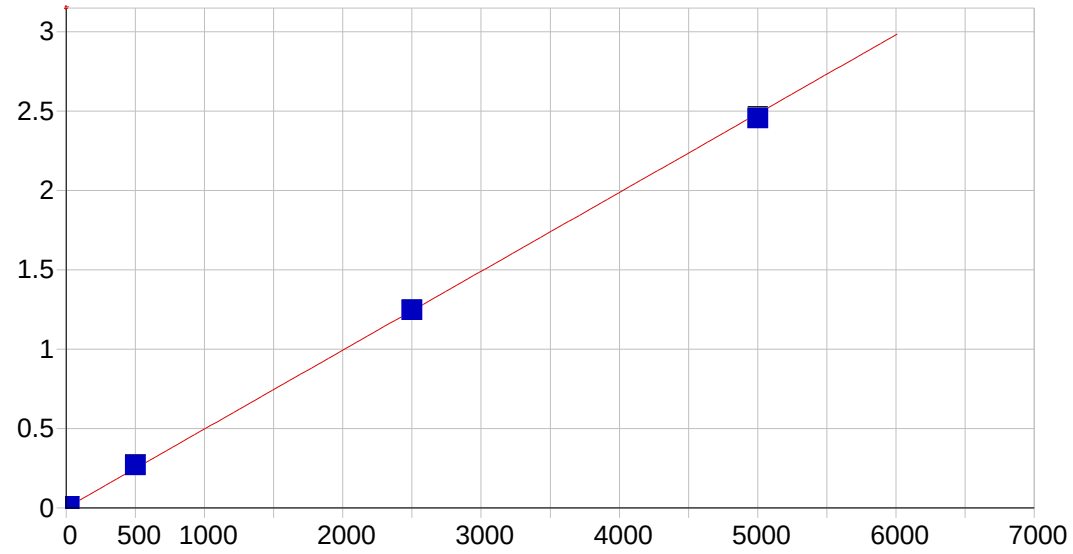


B 208.959 {461}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001333	Re-Slope:	1.000000
A1 (Gain):	0.000348	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999645	Status:	OK.
Std Error of Est:	0.000174		
Predicted MDL:	0.455645		
Predicted MQL:	1.518817		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00742	-.007	.000	.00133	.000	1
DCAL2	50.000	52.350	2.35	4.70	.01995	.000	1
DCAL3	200.00	222.66	22.7	11.3	.08874	.000	1
DCAL4	1000.0	1000.7	.735	.073	.39918	.001	1
DCAL5	2000.0	1974.5	-25.5	-1.28	.78764	.000	1

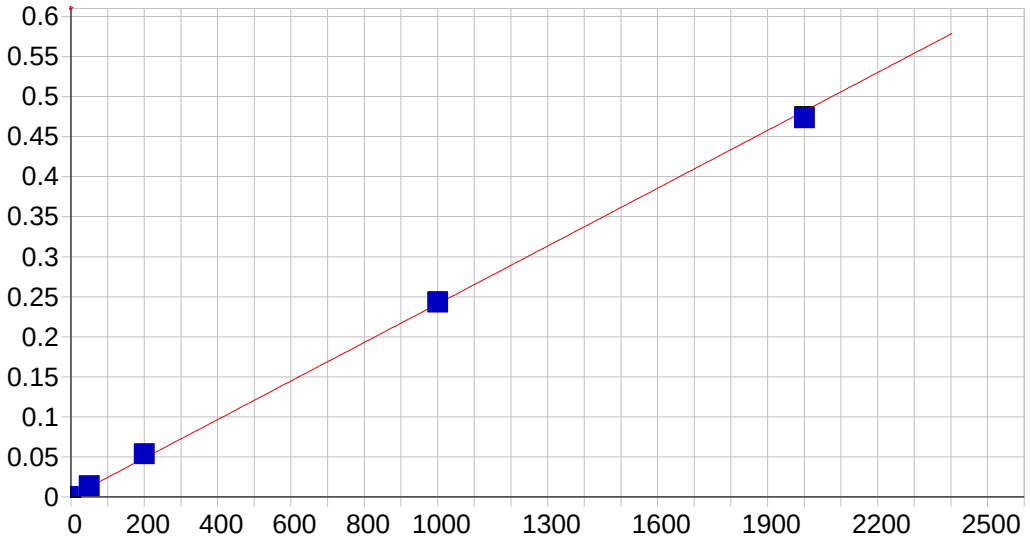


Mo 202.030 {467}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000360	Re-Slope:	1.000000
A1 (Gain):	0.000497	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999715	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	0.234232		
Predicted MQL:	0.780772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00291	-.003	.000	.00036	.000	1
DCAL2	20.000	21.302	1.30	6.51	.01097	.000	1
DCAL3	500.00	543.80	43.8	8.76	.27067	.001	1
DCAL4	2500.0	2510.2	10.2	.408	1.2482	.001	1
DCAL5	5000.0	4944.7	-55.3	-1.11	2.4583	.005	1

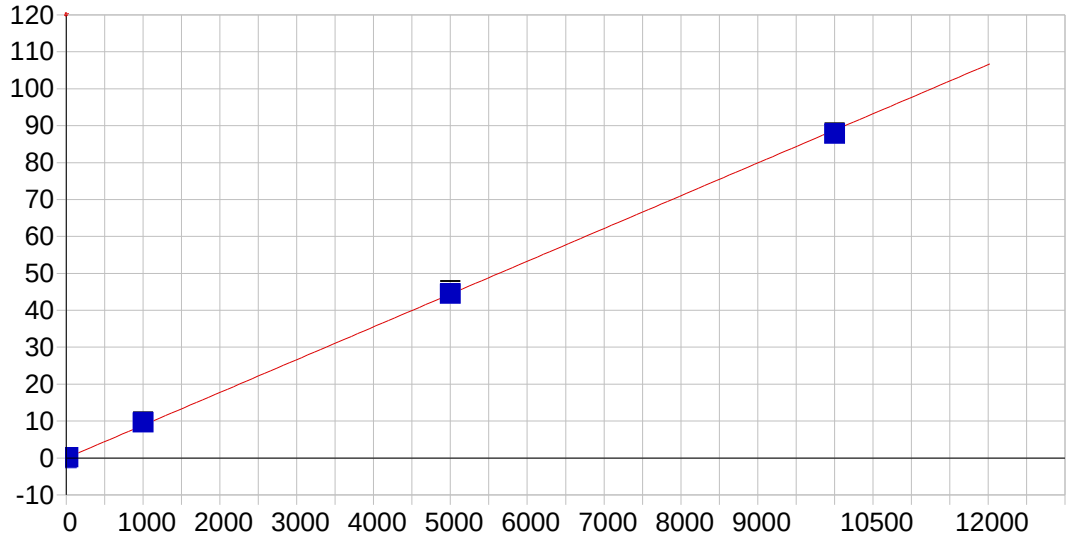


Sn 189.989 {477}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000264	Re-Slope:	1.000000
A1 (Gain):	0.000241	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999440	Status:	OK.
Std Error of Est:	0.000132		
Predicted MDL:	0.451840		
Predicted MQL:	1.506133		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01078	-.011	.000	.00026	.000	1
DCAL2	50.000	55.993	5.99	12.0	.01375	.000	1
DCAL3	200.00	221.00	21.0	10.5	.05345	.000	1
DCAL4	1000.0	1008.6	8.62	.862	.24297	.000	1
DCAL5	2000.0	1964.4	-35.6	-1.78	.47295	.001	1

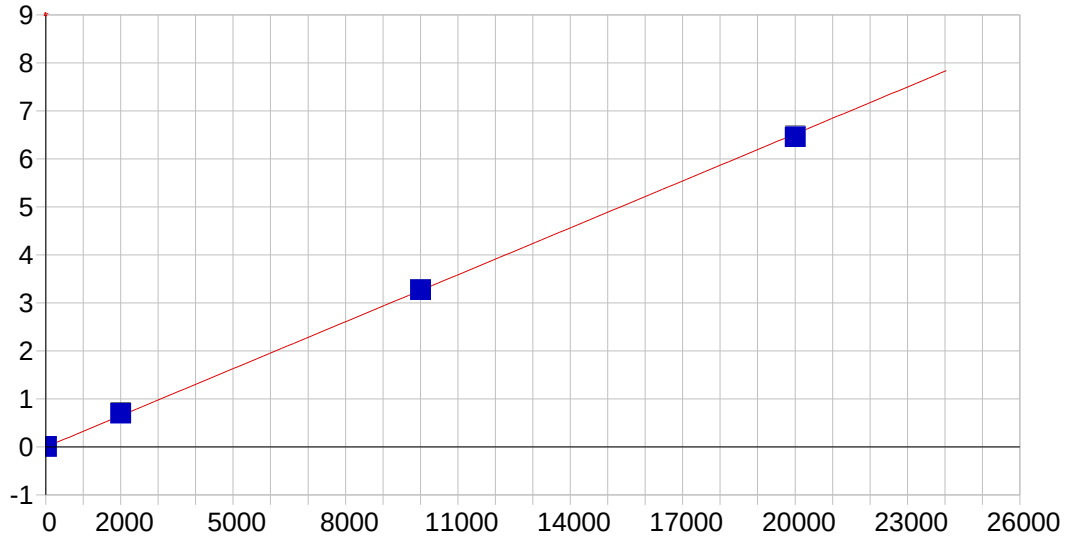


Sr 407.771 { 83}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000382	Re-Slope:	1.000000
A1 (Gain):	0.008878	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.004839		
Predicted MDL:	0.055618		
Predicted MQL:	0.185392		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00335	-.003	.000	-.00041	.000	1
DCAL2	20.000	21.755	1.76	8.78	.19307	.001	1
DCAL3	1000.0	1086.9	86.9	8.69	9.6620	.015	1
DCAL4	5000.0	5018.4	18.4	.369	44.618	.686	1
DCAL5	10000.	9892.9	-107.	-1.07	87.958	.055	1

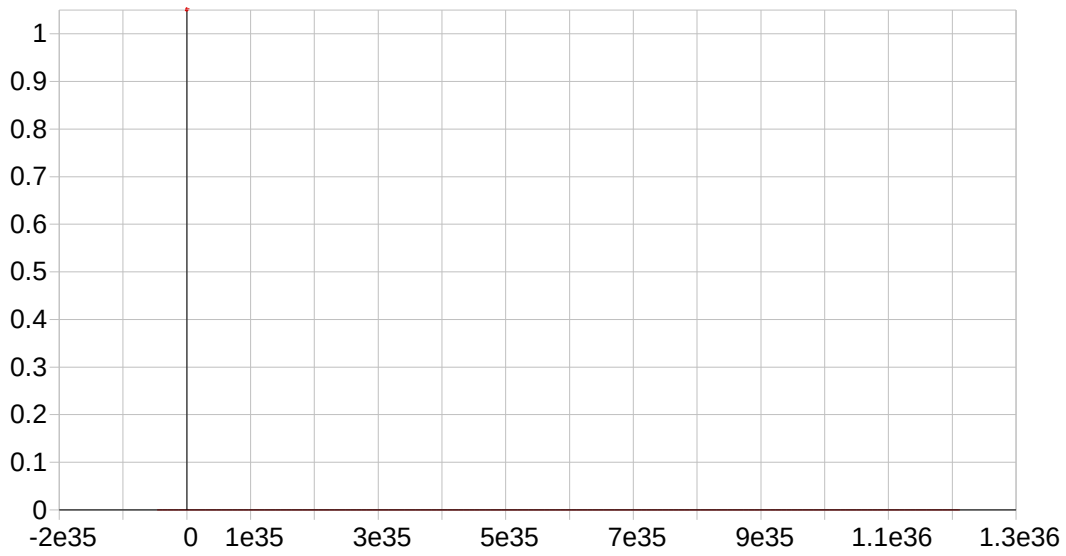


Ti 334.941 {101}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000454	Re-Slope:	1.000000
A1 (Gain):	0.000326	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999811	Status:	OK.
Std Error of Est:	0.000207		
Predicted MDL:	0.799297		
Predicted MQL:	2.664325		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00349	-.003	.000	-.00046	.000	1
DCAL2	20.000	22.178	2.18	10.9	.00678	.000	1
DCAL3	2000.0	2142.4	142.	7.12	.69883	.000	1
DCAL4	10000.	10036.	35.5	.355	3.2754	.006	1
DCAL5	20000.	19820.	-180.	-.900	6.4694	.004	1

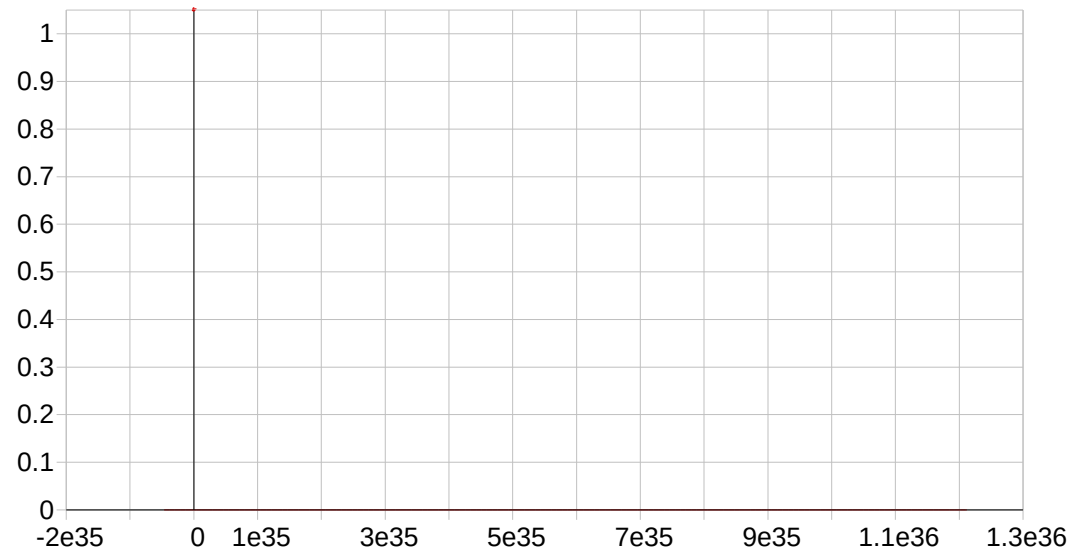


Y 224.306 {450}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

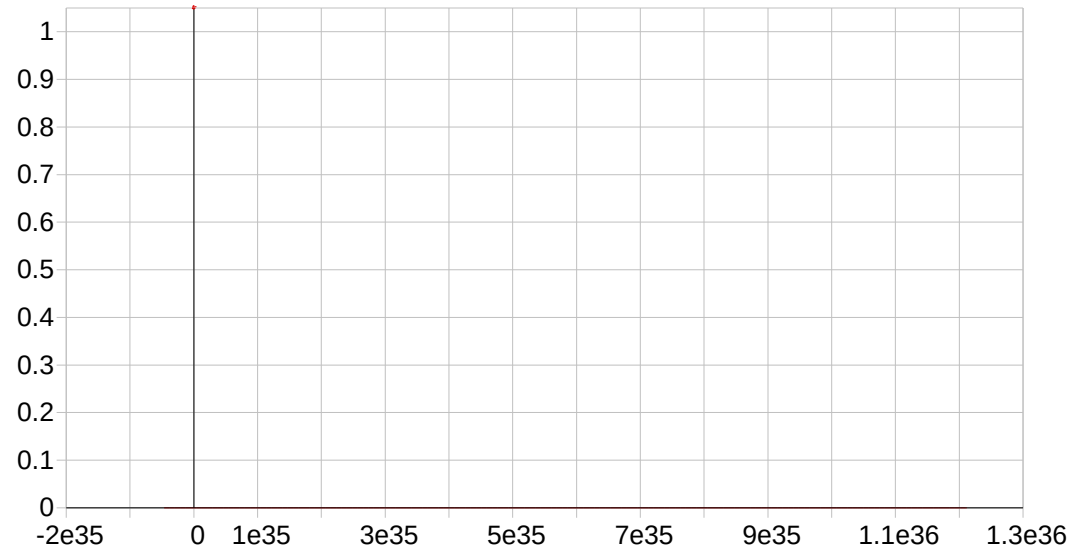


Y 360.073 { 94}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



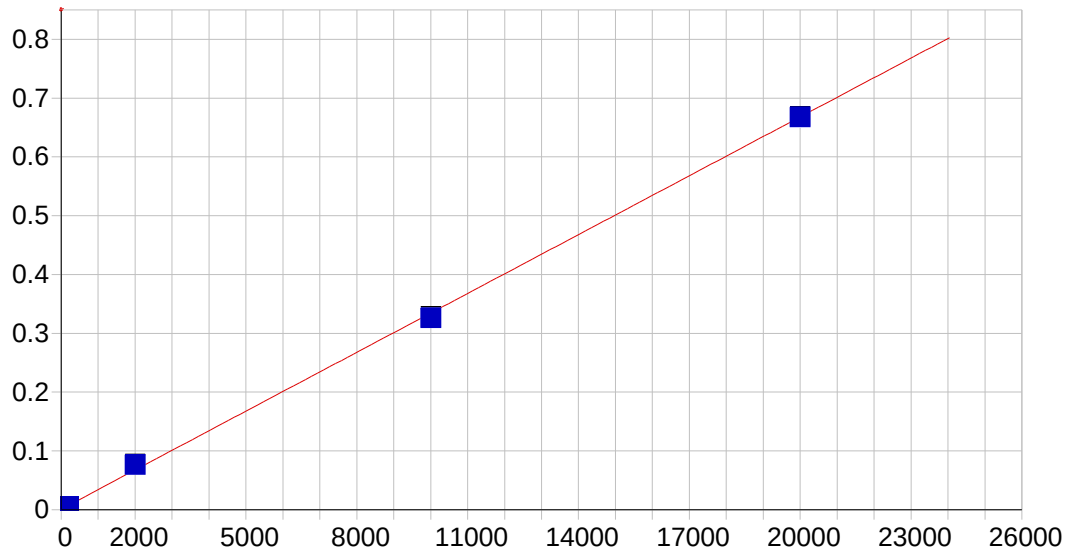
Y 371.030 { 91}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	192.759705			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	8/16/2013 12:10:18	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000951	Re-Slope:	1.000000
A1 (Gain):	0.000033	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999206	Status:	OK.
Std Error of Est:	0.000137		
Predicted MDL:	13.840649		
Predicted MQL:	46.135496		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01895	.019	.000	.00095	.001	1
DCAL2	200.00	158.49	-41.5	-20.8	.00624	.000	1
DCAL3	2000.0	2271.9	272.	13.6	.07660	.001	1
DCAL4	10000.	9767.2	-233.	-2.33	.32611	.002	1
DCAL5	20000.	20002.	2.41	.012	.66687	.001	1

Sample Name: CAL_BLK Acquired: 8/17/2013 10:08:43 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0012	-.0003	-.0003	-.0001	.0010	.0024
Stddev	.0002	.0001	.0000	.0001	.0000	.0001
%RSD	12.32	15.29	15.23	132.4	3.518	3.977

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	.0004	.0000	.0010	.0001	.0000
Stddev	.0001	.0001	.0000	.0001	.0000	.0001
%RSD	19.96	32.27	4177.	12.34	43.48	27600.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0001	.0099	-.0001	.0001	-.0002
Stddev	.0000	.0000	.0005	.0001	.0001	.0001
%RSD	51.57	24.39	4.653	93.66	188.7	28.09

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0003	.0001	.0023	.0017	.0004
Stddev	.0000	.0000	.0001	.0001	.0000	.0001
%RSD	16.63	7.909	51.28	4.643	2.903	23.97

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0001	-.0004	.0014
Stddev	.0001	.0001	.0003	.0004
%RSD	52.57	177.8	78.69	27.96

Sample Name: CAL_BLK Acquired: 8/17/2013 10:08:43 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5568.2	62773.	10156.
Stddev	11.4	26.	18.
%RSD	.20465	.04066	.17517

Sample Name: DCAL1 Acquired: 8/17/2013 10:12:27 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0027	.0010	.0023	.0111
Stddev	.0003	.0000	.0001	.0000
%RSD	12.50	1.678	3.928	.3697

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5541.0	62295.	10004.
Stddev	8.0	68.	47.
%RSD	.14455	.10967	.46495

Sample Name: DCAL2 Acquired: 8/17/2013 10:16:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0079	-.0000	.0012	.1139	.0082	.1026
Stddev	.0004	.0000	.0000	.0002	.0003	.0001
%RSD	5.025	34.02	2.156	.1644	3.955	.1311

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0060	.0448	.0012	.0050	.0017	.3315
Stddev	.0001	.0001	.0000	.0003	.0000	.0012
%RSD	1.918	.2735	3.455	5.078	2.855	.3586

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1053	.0144	.9534	.0097	.0008	.0007
Stddev	.0002	.0001	.0007	.0001	.0002	.0002
%RSD	.1536	.4239	.0756	.9367	24.02	32.30

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0007	.0114	.0319	.0184	.0103
Stddev	.0001	.0000	.0000	.0002	.0002	.0001
%RSD	22.04	7.296	.3548	.7252	.9541	1.126

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0127	.2411	.0080	.0053
Stddev	.0001	.0007	.0003	.0007
%RSD	1.043	.2732	3.251	12.67

Sample Name: DCAL2 Acquired: 8/17/2013 10:16:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5495.6	61775.	9937.8
Stddev	4.4	127.	22.1
%RSD	.08009	.20518	.22243

Sample Name: DCAL3 Acquired: 8/17/2013 10:19:49 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.120	.0342	.0345	1.110	.6957	.4964
Stddev	.004	.0002	.0002	.001	.0016	.0005
%RSD	.3758	.6296	.4443	.1282	.2315	.1094

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4083	.4364	.1187	.3831	.1765	.6594
Stddev	.0006	.0001	.0004	.0008	.0001	.0010
%RSD	.1357	.0273	.3058	.2196	.0581	.1504

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5084	.9259	4.690	.1191	.2190	.0198
Stddev	.0007	.0004	.005	.0002	.0001	.0002
%RSD	.1416	.0442	.1089	.1622	.0513	1.165

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0237	.0411	.1114	.4930	.0771	.2519
Stddev	.0001	.0002	.0002	.0014	.0002	.0007
%RSD	.5167	.4751	.2084	.2825	.3232	.2937

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0485	11.87	.8440	.0598
Stddev	.0001	.01	.0005	.0013
%RSD	.2150	.0479	.0563	2.103

Sample Name: DCAL3 Acquired: 8/17/2013 10:19:49 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5347.0	59930.	9728.0
Stddev	11.7	212.	30.0
%RSD	.21827	.35342	.30807

Sample Name: DCAL4 Acquired: 8/17/2013 10:23:14 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.717	.1787	.1799	5.423	3.451	2.506
Stddev	.011	.0006	.0005	.003	.006	.005
%RSD	.1963	.3402	.3006	.0501	.1610	.1995

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.003	2.125	.5908	1.923	.8650	3.392
Stddev	.001	.000	.0012	.001	.0018	.005
%RSD	.0333	.0199	.1968	.0626	.2025	.1522

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.597	4.481	23.85	.5775	1.059	.1025
Stddev	.007	.001	.02	.0004	.001	.0002
%RSD	.2714	.0300	.0901	.0673	.0782	.1758

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1219	.1954	.5573	2.417	.3883	1.247
Stddev	.0001	.0004	.0009	.001	.0006	.002
%RSD	.0756	.1916	.1638	.0540	.1506	.1173

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2387	58.62	4.229	.3035
Stddev	.0003	.42	.005	.0011
%RSD	.1057	.7092	.1285	.3686

Sample Name: DCAL4 Acquired: 8/17/2013 10:23:14 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5049.9	56565.	9519.4
Stddev	3.0	87.	67.3
%RSD	.05895	.15316	.70665

Sample Name: DCAL5 Acquired: 8/17/2013 10:26:50 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.61	.3656	.3721	10.51	6.795	4.891
Stddev	.08	.0006	.0004	.01	.006	.009
%RSD	.7165	.1512	.0989	.0758	.0915	.1792

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.928	4.173	1.156	3.859	1.688	6.910
Stddev	.004	.004	.002	.005	.001	.012
%RSD	.0880	.0967	.1620	.1318	.0807	.1690

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.148	8.618	46.93	1.126	2.062	.2084
Stddev	.001	.030	.59	.002	.001	.0001
%RSD	.0258	.3493	1.261	.1403	.0666	.0640

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2470	.3753	1.103	4.716	.7754	2.459
Stddev	.0001	.0007	.001	.009	.0005	.005
%RSD	.0255	.1946	.0951	.1892	.0639	.2246

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4675	116.6	8.407	.6229
Stddev	.0009	.9	.006	.0019
%RSD	.1824	.7806	.0773	.3090

Sample Name: DCAL5 Acquired: 8/17/2013 10:26:50 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4796.1	54319.	9330.3
Stddev	6.9	105.	57.8
%RSD	.14330	.19406	.61988

Sample Name: CCV Acquired: 8/17/2013 10:30:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	2495.	1230.	10210.	1020.	126600.
Stddev	345.	7.	2.	10.	3.	69.
%RSD	.2734	.2666	.1565	.0935	.2551	.0545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1270.	2535.	5042.	12700.	102200.	50210.
Stddev	1.	1.	6.	34.	272.	137.
%RSD	.0883	.0369	.1174	.2647	.2661	.2737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126000.	5112.	127600.	2552.	7638.	991.9
Stddev	109.	18.	318.	1.	6.	1.8
%RSD	.0863	.3474	.2491	.0266	.0847	.1827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 10:30:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2491.	2552.	2514.	2537.	1012.	2540.
Stddev	4.	4.	3.	3.	2.	2.
%RSD	.1697	.1471	.1020	.1067	.2110	.0865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1016.	5108.	10160.	9876.
Stddev	.	46.	29.	116.
%RSD	.0292	.9017	.2827	1.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5026.1	56315.	9347.3
Stddev	3.5	54.	14.4
%RSD	.06928	.09552	.15370

Sample Name: CCB Acquired: 8/17/2013 10:34:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.98	.9465	1.104	.6902	.1552	34.16
Stddev	7.84	.6624	.316	.0659	.0738	3.14
%RSD	60.34	69.98	28.58	9.541	47.53	9.181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0427	.2972	.0376	4.430	13.26	19.58
Stddev	.0828	.0309	.4103	1.218	1.12	23.15
%RSD	194.0	10.39	1092.	27.50	8.445	118.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.466	.3749	-26.52	.0085	.5192	1.775
Stddev	3.676	.1141	21.53	.6585	1.039	2.626
%RSD	56.85	30.44	81.18	7772.	200.1	147.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 10:34:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.384	2.294	-.1285	-1.335	1.902	8.785
Stddev	2.193	.962	.3184	.131	.541	1.586
%RSD	92.00	41.93	247.7	9.807	28.42	18.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9829	.2887	2.218	-11.74
Stddev	.4082	.0993	1.228	1.46
%RSD	41.53	34.41	55.36	12.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5443.8	61319.	9667.3
Stddev	5.4	191.	65.4
%RSD	.09868	.31223	.67686

Sample Name: icsa 2301361 Acquired: 8/17/2013 10:38:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	505500.	-2.706	2.377	1.410	-.0233	494700.
Stddev	1789.	.356	.525	.277	.0024	1616.
%RSD	.3540	13.14	22.09	19.67	10.27	.3267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7175	-3.581	-2.076	-1.327	196600.	-57.88
Stddev	.1794	.230	.426	.926	532.	14.97
%RSD	25.00	6.434	20.54	69.81	.2706	25.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	495600.	1.296	-75.64	-2.373	-1.830	-2.773
Stddev	831.	.114	11.66	.625	1.028	3.415
%RSD	.1677	8.824	15.42	26.35	56.19	123.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsa 2301361 Acquired: 8/17/2013 10:38:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.233	-8.791	-4.010	-1.566	.9252	1.752
Stddev	.440	1.905	.502	.065	1.223	.756
%RSD	8.403	21.67	12.53	4.170	132.2	43.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-2.401	.5223	2.402	-19.96
Stddev	.991	.1392	1.016	7.59
%RSD	41.28	26.65	42.29	38.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4823.7	53460.	9167.0
Stddev	12.9	173.	16.2
%RSD	.26807	.32433	.17722

Sample Name: icsab 2301381 Acquired: 8/17/2013 10:42:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	504400.	94.52	107.1	102.8	99.89	487700.
Stddev	3077.	2.70	.7	.3	.42	305.
%RSD	.6101	2.853	.6689	.3358	.4239	.0625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.28	92.31	93.20	100.9	195300.	10190.
Stddev	.17	.22	.49	1.3	647.	14.
%RSD	.1726	.2437	.5279	1.245	.3314	.1354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	489700.	102.7	10520.	92.07	93.58	94.75
Stddev	1298.	.3	18.	.87	.16	3.09
%RSD	.2650	.2542	.1676	.9488	.1664	3.258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsab 2301381 Acquired: 8/17/2013 10:42:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92.70	85.90	92.41	93.73	104.5	98.14
Stddev	.94	2.66	.39	.06	.3	.41
%RSD	1.015	3.099	.4191	.0675	.3328	.4129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	92.46	101.7	104.0	92.26
Stddev	.56	.2	.5	11.54
%RSD	.6051	.1654	.4433	12.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4806.6	53223.	9111.2
Stddev	4.3	102.	9.4
%RSD	.08929	.19185	.10372

Sample Name: int-10 2301383 Acquired: 8/17/2013 10:46:06 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.84	2.464	-1.855	-3.025	2.137	84.31
Stddev	16.75	.780	.123	.336	.008	9.88
%RSD	48.09	31.65	6.630	11.09	.3866	11.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2425	10960.	10280.	-4.823	-14.40	1.869
Stddev	.0354	2.	32.	.525	7.17	16.97
%RSD	14.61	.0187	.3127	10.89	49.78	908.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.68	10300.	1.614	11080.	-2.343	2.048
Stddev	10.86	23.	2.073	8.	1.438	1.153
%RSD	14.17	.2218	128.4	.0716	61.36	56.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: int-10 2301383 Acquired: 8/17/2013 10:46:06 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.702	-9.746	4973.	-3.155	-2.357	5162.
Stddev	1.227	2.552	6.	.120	.287	9.
%RSD	72.12	26.19	.1121	3.802	12.20	.1654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10740.	10030.	10150.	10480.
Stddev	8.	120.	19.	565.
%RSD	.0736	1.194	.1827	5.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5314.7	61243.	9721.0
Stddev	3.0	134.	61.7
%RSD	.05671	.21934	.63488

Sample Name: 460-61073-A-27-A@4 Acquired: 8/17/2013 10:49:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116200.	14.71	1.368	345.5	3.585	1470.
Stddev	465.	.25	.496	1.0	.005	5.
%RSD	.4003	1.674	36.27	.2767	.1400	.3617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8777	49.42	107.0	109.9	127700.	2833.
Stddev	.0225	.16	.2	1.0	387.	11.
%RSD	2.567	.3189	.1731	.8647	.3029	.4006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10580.	1520.	83.71	74.79	63.79	-1.136
Stddev	24.	3.	3.53	.34	.81	1.665
%RSD	.2264	.2204	4.212	.4539	1.270	146.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-27-A@4 Acquired: 8/17/2013 10:49:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.381	-7.978	204.4	229.8	6.459	19.73
Stddev	2.418	1.018	.4	1.2	.324	2.46
%RSD	37.90	12.76	.2012	.5389	5.010	12.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.01	11.24	2680.	1140.
Stddev	.84	.30	8.	8.
%RSD	3.366	2.628	.2847	.6655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5674.7	63738.	10319.
Stddev	23.3	633.	62.
%RSD	.41032	.99253	.60057

Sample Name: 460-61073-A-28-A@4 Acquired: 8/17/2013 10:53:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	160300.	19.96	1.182	515.0	4.312	3625.
Stddev	395.	1.38	.376	.2	.078	9.
%RSD	.2463	6.888	31.84	.0426	1.802	.2458
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7997	55.84	126.1	94.11	161200.	3675.
Stddev	.0940	.30	.1	1.70	519.	24.
%RSD	11.75	.5418	.0874	1.801	.3222	.6521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13380.	1872.	110.5	90.34	51.94	-2.190
Stddev	58.	5.	4.4	.22	.80	.697
%RSD	.4327	.2554	3.973	.2465	1.539	31.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-28-A@4 Acquired: 8/17/2013 10:53:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.916	-10.01	268.2	384.8	10.62	5.011
Stddev	1.325	1.40	.9	.2	.98	.306
%RSD	16.74	14.03	.3238	.0423	9.225	6.114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.73	34.84	3599.	988.5
Stddev	.47	.05	10.	21.5
%RSD	2.069	.1476	.2871	2.173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5802.6	64782.	10585.
Stddev	24.2	370.	59.
%RSD	.41731	.57052	.56134

Sample Name: 460-61073-A-29-A@4 Acquired: 8/17/2013 10:57:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	148500.	20.39	1.439	606.5	4.393	2662.
Stddev	457.	.91	.339	1.1	.041	8.
%RSD	.3076	4.487	23.55	.1807	.9413	.2941
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.310	51.78	105.9	116.1	149500.	3853.
Stddev	.030	.05	.3	.4	310.	13.
%RSD	.5671	.0991	.2660	.3587	.2071	.3375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12290.	1670.	117.1	79.84	54.84	-.7881
Stddev	52.	4.	4.1	.20	1.92	.8502
%RSD	.4191	.2240	3.493	.2464	3.494	107.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-29-A@4 Acquired: 8/17/2013 10:57:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.997	-8.659	233.4	711.7	8.918	4.194
Stddev	.346	1.795	.2	2.6	.296	.408
%RSD	4.939	20.73	.0806	.3707	3.319	9.725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.09	25.80	3427.	1186.
Stddev	.18	.03	9.	16.
%RSD	.8396	.1344	.2531	1.354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6043.3	67406.	11000.
Stddev	20.4	494.	54.
%RSD	.33763	.73251	.48883

Sample Name: 460-61074-A-1-B@4 Acquired: 8/17/2013 11:00:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33860.	5.034	1.620	229.3	1.661	F 796200.
Stddev	266.	2.629	.309	.6	.060	9316.
%RSD	.7841	52.23	19.04	.2470	3.599	1.170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5012	68.91	67.97	85.76	63190.	6716.
Stddev	.0819	.17	.18	.41	184.	60.
%RSD	16.34	.2477	.2628	.4749	.2907	.8940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 465300.	1637.	1363.	60.97	198.8	-.0046
Stddev	3049.	7.	20.	.70	3.6	1.659
%RSD	.6553	.4021	1.457	1.150	1.809	36160.
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.					
Low Limit	-2000.					

Sample Name: 460-61074-A-1-B@4 Acquired: 8/17/2013 11:00:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.854	-18.03	172.0	197.6	19.10	2.847
Stddev	1.124	2.06	.4	1.3	.42	.266
%RSD	19.20	11.45	.2123	.6611	2.216	9.345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.76	479.3	1756.	2396.
Stddev	.71	2.2	10.	107.
%RSD	4.021	.4636	.5602	4.452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4651.4	53078.	9139.0
Stddev	9.5	267.	23.1
%RSD	.20344	.50211	.25258

Sample Name: 460-61074-A-2-B@4 Acquired: 8/17/2013 11:04:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48150.	14.48	2.003	496.4	2.405	F 329200.
Stddev	157.	1.22	.584	.5	.044	3637.
%RSD	.3256	8.416	29.17	.1036	1.821	1.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2788	47.91	128.7	158.8	114900.	10380.
Stddev	.1431	.22	1.0	2.3	477.	23.
%RSD	51.30	.4582	.8041	1.431	.4154	.2185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37450.	2377.	2118.	128.0	93.96	.9388
Stddev	196.	7.	4.	.4	.84	.3255
%RSD	.5224	.3070	.1982	.3363	.8981	34.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61074-A-2-B@4 Acquired: 8/17/2013 11:04:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.324	-7.745	259.6	242.0	27.04	8.924
Stddev	1.843	1.493	.8	.9	.40	.299
%RSD	34.61	19.27	.3064	.3654	1.473	3.348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	24.12	848.3	2410.	1087.
Stddev	1.09	1.2	6.	10.
%RSD	4.501	.1374	.2651	.9382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5122.3	58207.	9621.1
Stddev	27.4	287.	60.1
%RSD	.53493	.49300	.62496

Sample Name: 460-61210-B-9-B@4 Acquired: 8/17/2013 11:08:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15090.	22.55	4.704	1017.	4.892	28950.
Stddev	21.	2.72	.192	1.	.060	52.
%RSD	.1360	12.06	4.081	.1228	1.237	.1804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.536	16.57	65.31	668.4	43280.	1991.
Stddev	.069	.24	.44	5.6	38.	12.
%RSD	1.955	1.425	.6719	.8325	.0882	.6066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6320.	767.4	1142.	58.00	3249.	3.378
Stddev	15.	.4	2.	1.17	3.	1.266
%RSD	.2398	.0480	.1705	2.013	.0940	37.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61210-B-9-B@4 Acquired: 8/17/2013 11:08:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.930	-2.754	52.35	3038.	136.9	6.431
Stddev	2.575	.865	.14	2.	.4	.167
%RSD	28.83	31.42	.2587	.0813	.3042	2.601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	178.1	243.8	572.8	1371.
Stddev	.7	.3	3.1	33.
%RSD	.3899	.1426	.5335	2.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5302.7	60273.	9491.8
Stddev	20.0	352.	37.7
%RSD	.37696	.58355	.39765

Sample Name: 460-61210-B-10-B@4 Acquired: 8/17/2013 11:11:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26180.	17.95	3.672	2587.	1.408	65670.
Stddev	252.	1.87	.410	19.	.104	649.
%RSD	.9614	10.43	11.18	.7497	7.368	.9884
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.277	21.24	125.3	947.3	80740.	4793.
Stddev	.014	.09	1.5	6.6	668.	46.
%RSD	.3253	.4422	1.206	.6993	.8277	.9654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14340.	960.8	827.2	122.1	10630.	9.035
Stddev	130.	7.6	5.0	1.2	74.	.845
%RSD	.9048	.7865	.6073	.9986	.6996	9.346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61210-B-10-B@4 Acquired: 8/17/2013 11:11:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.393	-4.129	74.81	2478.	26.60	5.410
Stddev	2.740	1.174	.69	19.	.03	.107
%RSD	42.87	28.44	.9181	.7705	.1314	1.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	120.6	402.9	1064.	2070.
Stddev	.9	2.5	11.	26.
%RSD	.7652	.6203	.9979	1.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5220.2	59340.	9456.2
Stddev	21.7	414.	42.0
%RSD	.41546	.69833	.44454

Sample Name: CCV Acquired: 8/17/2013 11:15:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	128100.	2493.	1211.	10140.	1023.	124500.
Stddev	436.	3.	2.	8.	3.	507.
%RSD	.3402	.1307	.1912	.0809	.2790	.4073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1266.	2530.	4918.	12930.	103000.	49860.
Stddev	3.	2.	16.	34.	283.	155.
%RSD	.2142	.0979	.3236	.2667	.2748	.3101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123800.	5089.	128900.	2555.	7586.	971.7
Stddev	519.	25.	476.	3.	11.	1.5
%RSD	.4190	.4906	.3688	.1112	.1424	.1497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 11:15:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2454.	2495.	2472.	2515.	1011.	2514.
Stddev	2.	4.	4.	11.	3.	6.
%RSD	.0866	.1495	.1765	.4372	.3145	.2562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1013.	5021.	10200.	9627.
Stddev	2.	42.	22.	128.
%RSD	.1610	.8380	.2199	1.332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5002.2	56297.	9226.6
Stddev	24.7	224.	52.2
%RSD	.49377	.39727	.56607

Sample Name: CCB Acquired: 8/17/2013 11:18:58 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.639	-.8859	2.163	.5008	.1074	45.80
Stddev	7.627	2.063	.153	.0807	.0180	3.15
%RSD	164.4	232.9	7.064	16.12	16.76	6.875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0820	.2090	.3180	.8313	14.35	-13.18
Stddev	.1769	.1211	.4003	1.249	4.40	11.10
%RSD	215.7	57.96	125.9	150.2	30.67	84.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.687	.2625	-35.39	-.6381	-.4515	.2974
Stddev	1.208	.1268	17.39	.4177	.4839	1.450
%RSD	25.77	48.29	49.15	65.47	107.2	487.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 11:18:58 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.674	1.680	-.0965	-1.438	.5745	7.462
Stddev	2.838	.411	.2148	.119	.2849	1.454
%RSD	169.5	24.48	222.7	8.270	49.60	19.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.113	.2495	2.347	-20.64
Stddev	.209	.1522	.645	9.37
%RSD	18.82	60.99	27.47	45.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5393.3	61293.	9467.4
Stddev	4.3	534.	52.5
%RSD	.07982	.87115	.55456

Sample Name: 460-61214-A-1-A@4 Acquired: 8/17/2013 11:22:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94880.	25.80	1.573	530.9	5.660	34120.
Stddev	561.	2.35	.576	.7	.021	153.
%RSD	.5915	9.117	36.62	.1385	.3726	.4483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3445	53.82	133.3	111.5	138800.	9417.
Stddev	.0573	.34	1.1	1.9	567.	66.
%RSD	16.62	.6349	.8588	1.676	.4083	.7006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23320.	2880.	2485.	88.58	115.5	-1.546
Stddev	87.	9.	8.	.11	1.0	1.608
%RSD	.3734	.3136	.3381	.1188	.8729	104.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61214-A-1-A@4 Acquired: 8/17/2013 11:22:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.060	-7.884	226.1	252.9	28.43	5.611
Stddev	.900	.495	.7	.8	.57	.258
%RSD	14.85	6.272	.3098	.3275	1.988	4.593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.324	229.3	2119.	1240.
Stddev	.636	.4	8.	24.
%RSD	8.681	.1603	.3629	1.897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5439.9	61356.	9845.2
Stddev	20.3	298.	64.2
%RSD	.37316	.48492	.65229

Sample Name: 460-61222-E-17-E@4 Acquired: 8/17/2013 11:26:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18440.	2.901	2.264	70.11	.3210	2141.
Stddev	114.	1.312	.415	.17	.0862	10.
%RSD	.6160	45.22	18.33	.2420	26.87	.4564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3697	4.851	30.86	63.41	28970.	3317.
Stddev	.1126	.230	.55	2.11	199.	22.
%RSD	30.46	4.732	1.773	3.330	.6859	.6780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3905.	109.1	1277.	15.10	54.32	.8600
Stddev	29.	.6	3.	.41	1.80	1.360
%RSD	.7547	.5782	.2093	2.725	3.320	158.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-E-17-E@4 Acquired: 8/17/2013 11:26:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.293	-1.096	36.83	48.07	10.30	.9350
Stddev	1.882	1.234	.34	.30	.40	.1811
%RSD	57.15	112.5	.9143	.6341	3.867	19.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.58	30.91	1018.	1183.
Stddev	.44	.08	4.	9.
%RSD	4.125	.2620	.3959	.7973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60796.	9541.4
Stddev	8.1	144.	66.1
%RSD	.15080	.23613	.69241

Sample Name: 460-61222-A-18-C@4 Acquired: 8/17/2013 11:29:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43100.	119.5	3.372	430.7	4.833	60220.
Stddev	110.	1.4	.293	1.2	.016	392.
%RSD	.2548	1.185	8.677	.2777	.3333	.6503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3949	38.18	194.3	819.9	159500.	4303.
Stddev	.1206	.19	1.0	2.9	743.	8.
%RSD	30.53	.4891	.4899	.3594	.4661	.1840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10330.	969.7	1477.	159.8	817.0	15.34
Stddev	40.	4.7	8.	.9	1.9	1.28
%RSD	.3847	.4819	.5514	.5814	.2281	8.369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-18-C@4 Acquired: 8/17/2013 11:29:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.55	-6.808	1055.	361.6	52.94	16.00
Stddev	1.09	1.299	5.	.9	.35	.24
%RSD	10.28	19.08	.4640	.2509	.6593	1.522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	35.01	442.3	2364.	905.1
Stddev	.63	1.0	8.	29.1
%RSD	1.810	.2245	.3403	3.215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5398.7	61571.	9903.2
Stddev	17.0	104.	38.3
%RSD	.31520	.16897	.38666

Sample Name: 460-61222-A-19-D@4 Acquired: 8/17/2013 11:33:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63800.	210.3	4.102	815.3	5.940	26840.
Stddev	431.	2.2	.937	2.3	.045	39.
%RSD	.6757	1.063	22.83	.2845	.7502	.1449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.897	48.95	225.3	514.7	F 243300.	11430.
Stddev	.232	.09	.5	7.5	1363.	104.
%RSD	12.23	.1914	.2164	1.460	.5600	.9103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10010.	1028.	1856.	166.6	661.6	4.116
Stddev	20.	3.	15.	.4	2.6	1.592
%RSD	.1997	.3118	.7837	.2415	.3887	38.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-19-D@4 Acquired: 8/17/2013 11:33:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.90	-11.43	629.6	701.8	43.98	17.23
Stddev	1.54	1.31	.8	3.0	.59	.20
%RSD	9.671	11.43	.1256	.4299	1.340	1.157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	58.53	495.1	3622.	1306.
Stddev	.16	1.3	14.	60.
%RSD	.2661	.2618	.3790	4.624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5345.4	60780.	9754.3
Stddev	18.0	221.	42.6
%RSD	.33741	.36442	.43712

Sample Name: 460-61222-A-21-D@4 Acquired: 8/17/2013 11:36:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28490.	172.3	2.777	666.1	6.027	14340.
Stddev	83.	1.3	.656	.9	.048	63.
%RSD	.2904	.7711	23.61	.1346	.7893	.4397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4929	35.92	103.2	316.2	102300.	1353.
Stddev	.0645	.04	.5	2.0	341.	17.
%RSD	13.08	.1107	.4778	.6312	.3336	1.254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1858.	259.7	1719.	225.7	579.3	1.676
Stddev	9.	.8	6.	.6	1.8	.483
%RSD	.4744	.2922	.3305	.2593	.3184	28.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-21-D@4 Acquired: 8/17/2013 11:36:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.93	-2.722	438.1	487.3	14.15	15.07
Stddev	.22	.302	.8	1.6	.57	.15
%RSD	1.199	11.10	.1882	.3343	4.036	.9661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	39.23	371.3	1615.	961.8
Stddev	.17	.5	2.	18.7
%RSD	.4379	.1375	.1001	1.944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5442.3	61766.	9687.3
Stddev	13.8	135.	3.1
%RSD	.25400	.21888	.03220

Sample Name: 460-61222-A-22-A@4 Acquired: 8/17/2013 11:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8845.	56.35	2.440	142.8	1.510	3261.
Stddev	36.	.91	.331	.5	.059	21.
%RSD	.4051	1.614	13.56	.3278	3.891	.6416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3053	25.31	40.63	99.57	86930.	819.5
Stddev	.0767	.08	.40	.89	311.	17.7
%RSD	25.13	.3152	.9834	.8921	.3580	2.159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	529.1	162.8	523.1	53.05	84.84	1.793
Stddev	4.7	.4	2.7	.32	.89	.661
%RSD	.8831	.2503	.5127	.6030	1.044	36.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-22-A@4 Acquired: 8/17/2013 11:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.90	-3.148	82.65	126.2	3.554	20.99
Stddev	1.79	.689	.36	.6	.174	.24
%RSD	16.46	21.88	.4300	.4376	4.889	1.150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.422	86.88	1364.	745.3
Stddev	.216	.22	6.	11.0
%RSD	2.559	.2547	.4217	1.480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5354.0	60885.	9518.3
Stddev	12.0	239.	13.1
%RSD	.22382	.39254	.13714

Sample Name: 460-61222-A-23-A@4 Acquired: 8/17/2013 11:44:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94820.	30.24	3.855	792.2	3.480	33170.
Stddev	376.	1.47	.418	2.3	.046	127.
%RSD	.3969	4.871	10.84	.2896	1.333	.3819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57.92	100.9	178.7	496.7	F 227500.	6392.
Stddev	.24	.3	.8	3.2	753.	28.
%RSD	.4113	.2500	.4603	.6361	.3311	.4320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82620.	4343.	5405.	217.0	828.3	.3803
Stddev	315.	24.	26.	.9	2.3	1.413
%RSD	.3806	.5535	.4839	.4240	.2751	371.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-23-A@4 Acquired: 8/17/2013 11:44:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.15	-12.32	439.6	F 5133.	30.01	5.580
Stddev	2.68	.44	1.6	20.	.55	.218
%RSD	24.04	3.550	.3626	.3849	1.822	3.897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	50.45	247.8	3745.	1118.
Stddev	.45	.7	13.	42.
%RSD	.8936	.2902	.3560	3.764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5305.0	60058.	9651.0
Stddev	10.9	238.	65.6
%RSD	.20638	.39679	.67945

Sample Name: 460-61222-A-25-A@4 Acquired: 8/17/2013 11:47:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9405.	170.1	4.770	323.1	1.971	7342.
Stddev	4.	.7	.199	.5	.046	38.
%RSD	.0465	.3899	4.167	.1460	2.337	.5136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6863	24.85	69.45	613.6	F 338200.	1699.
Stddev	.0230	.07	.58	1.5	1071.	10.
%RSD	3.347	.2942	.8408	.2471	.3166	.5606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2752.	1071.	2745.	82.83	1198.	29.55
Stddev	9.	5.	12.	.50	3.	1.89
%RSD	.3201	.4643	.4194	.6076	.2909	6.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-25-A@4 Acquired: 8/17/2013 11:47:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.97	-14.05	55.03	727.5	38.99	16.22
Stddev	1.03	1.58	.58	3.2	.27	.11
%RSD	4.140	11.27	1.050	.4438	.6994	.6479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	144.2	137.9	583.3	1126.
Stddev	.7	.3	2.7	13.
%RSD	.4605	.2539	.4563	1.136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5221.1	59612.	9482.9
Stddev	15.8	269.	44.2
%RSD	.30324	.45102	.46604

Sample Name: 460-61244-A-1-A@4 Acquired: 8/17/2013 11:51:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44080.	10.53	3.284	210.5	2.314	12440.
Stddev	144.	1.86	.167	.6	.063	40.
%RSD	.3274	17.69	5.074	.2779	2.729	.3238
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4350	40.17	156.2	477.8	87360.	9211.
Stddev	.0213	.30	1.1	2.8	293.	52.
%RSD	4.905	.7380	.7215	.5852	.3354	.5592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31220.	2276.	711.0	98.44	169.9	1.302
Stddev	89.	7.	6.3	.48	1.2	.835
%RSD	.2840	.3234	.8881	.4846	.7163	64.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61244-A-1-A@4 Acquired: 8/17/2013 11:51:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.785	-3.368	140.9	581.9	13.41	1.433
Stddev	1.334	1.609	1.2	3.1	.36	.255
%RSD	35.23	47.77	.8189	.5264	2.687	17.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.22	52.92	3323.	893.7
Stddev	.45	.08	10.	11.0
%RSD	4.386	.1482	.2873	1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5438.7	61439.	9729.7
Stddev	10.7	361.	26.0
%RSD	.19631	.58688	.26702

Sample Name: MB 460-176598/1-A@2 Acquired: 8/17/2013 11:54:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	-1.782	2.210	.0537	.0437	42.58
Stddev	3.43	1.394	.248	.1154	.0237	3.49
%RSD	32.32	78.21	11.21	214.8	54.24	8.193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1254	.2244	-.1532	.8309	21.10	-38.07
Stddev	.1233	.1450	.3070	2.073	6.40	4.84
%RSD	98.31	64.59	200.4	249.5	30.32	12.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.148	.1608	-68.02	-.0886	-.5917	.7370
Stddev	2.161	.1216	2.55	.7134	1.535	1.339
%RSD	188.2	75.63	3.745	804.8	259.4	181.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176598/1-A@2 Acquired: 8/17/2013 11:54:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6460	.8180	-.0784	-1.074	-.8548	-.1400
Stddev	1.433	.2640	.3651	.066	.5853	.3389
%RSD	221.9	32.27	465.8	6.128	68.47	242.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4830	-.0252	-.1178	-26.26
Stddev	.0866	.0303	.3119	3.64
%RSD	17.93	120.0	264.8	13.88
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5364.5	61139.	9363.1
Stddev	8.9	100.	19.3
%RSD	.16566	.16279	.20612

Sample Name: CCV Acquired: 8/17/2013 11:58:42 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127600.	2484.	1195.	10040.	1016.	122200.
Stddev	312.	3.	1.	6.	4.	111.
%RSD	.2442	.1040	.0593	.0590	.3861	.0912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1254.	2509.	4816.	12890.	102200.	49300.
Stddev	1.	1.	2.	26.	34.	163.
%RSD	.0883	.0534	.0322	.1979	.0337	.3298
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	5005.	128800.	2533.	7502.	960.4
Stddev	17.	9.	584.	1.	5.	1.9
%RSD	.0137	.1851	.4538	.0269	.0732	.1990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 11:58:42 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2433.	2454.	2437.	2473.	1007.	2498.
Stddev	8.	3.	1.	4.	4.	4.
%RSD	.3283	.1035	.0516	.1587	.3478	.1705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	4968.	10130.	9452.
Stddev	1.	24.	23.	64.
%RSD	.1367	.4758	.2232	.6805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4956.7	55888.	9158.9
Stddev	4.0	31.	63.7
%RSD	.08154	.05510	.69570

Sample Name: CCB Acquired: 8/17/2013 12:02:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.145	-1.061	2.277	.3384	.0945	48.43
Stddev	7.646	1.601	.319	.0468	.0447	2.09
%RSD	243.1	150.9	13.99	13.83	47.34	4.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0658	.1397	.4963	2.659	11.23	-16.22
Stddev	.0606	.2067	.3195	1.656	2.64	26.95
%RSD	92.06	148.0	64.37	62.28	23.47	166.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.454	.2369	-47.02	.2563	-.4343	1.885
Stddev	2.264	.1164	12.82	.1760	.7886	.247
%RSD	155.7	49.14	27.27	68.66	181.5	13.13
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 12:02:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.911	1.874	.0260	-1.344	.1189	6.657
Stddev	.903	1.401	.4007	.052	.2814	1.070
%RSD	47.29	74.75	1538.	3.896	236.7	16.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7324	.1265	2.054	-13.35
Stddev	.1365	.1177	.687	2.69
%RSD	18.64	93.06	33.45	20.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5358.7	61120.	9382.4
Stddev	12.7	242.	55.1
%RSD	.23753	.39576	.58718

Sample Name: LCSSRM 460-176598/2- Acquired: 8/17/2013 12:06:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42190.	801.7	195.0	1065.	548.4	32790.
Stddev	27.	1.2	.7	1.	.5	138.
%RSD	.0643	.1505	.3437	.1387	.0962	.4220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	540.3	683.3	575.4	596.5	67390.	14190.
Stddev	.9	.6	2.2	2.6	163.	25.
%RSD	.1611	.0945	.3820	.4420	.2425	.1792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12670.	1742.	1638.	367.2	391.1	341.1
Stddev	21.	3.	6.	1.3	.7	3.0
%RSD	.1624	.1995	.3730	.3563	.1841	.8724
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176598/2- Acquired: 8/17/2013 12:06:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	625.9	1074.	410.7	1383.	392.5	299.9
Stddev	1.0	2.	.7	1.	.4	1.0
%RSD	.1603	.2219	.1771	.0852	.1007	.3281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	716.7	637.1	1158.	1508.
Stddev	1.9	.5	.	3.
%RSD	.2602	.0744	.0039	.2165
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5400.5	60952.	9764.4
Stddev	4.2	141.	40.9
%RSD	.07791	.23111	.41892

Sample Name: 460-61334-A-2-B DU@1 Acquired: 8/17/2013 12:09:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66690.	206.0	2.719	167.6	5.109	4650.
Stddev	120.	.3	.389	.3	.060	16.
%RSD	.1801	.1308	14.30	.1945	1.178	.3406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7099	48.57	144.6	101.3	121800.	9576.
Stddev	.1487	.32	1.3	2.1	241.	42.
%RSD	20.95	.6672	.8741	2.098	.1980	.4374
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38000.	2443.	397.7	109.7	90.07	.6464
Stddev	78.	4.	1.6	.3	.50	1.584
%RSD	.2059	.1729	.4085	.2300	.5572	245.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-B DU@1 Acquired: 8/17/2013 12:09:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.254	-3.341	291.1	262.7	6.412	17.47
Stddev	1.857	.571	.3	.4	.363	.25
%RSD	35.34	17.09	.1014	.1377	5.661	1.439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.969	56.49	1146.	575.7
Stddev	.352	.10	3.	31.7
%RSD	5.900	.1818	.2434	5.512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5384.2	60733.	9664.6
Stddev	6.4	59.	70.0
%RSD	.11945	.09794	.72430

Sample Name: 460-61334-A-2-A@10 Acquired: 8/17/2013 12:13:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65690.	203.0	2.635	165.4	5.055	4570.
Stddev	29.	.9	.710	.5	.054	17.
%RSD	.0448	.4433	26.94	.3197	1.070	.3618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6262	47.98	142.3	100.4	119900.	9416.
Stddev	.0828	.40	.5	1.0	300.	6.
%RSD	13.22	.8334	.3334	1.014	.2504	.0655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37320.	2404.	395.1	108.1	89.93	-.0912
Stddev	136.	5.	4.2	.6	.98	.8887
%RSD	.3630	.1952	1.071	.5936	1.091	974.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-A@10 Acquired: 8/17/2013 12:13:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.622	-3.766	286.1	258.4	7.178	16.75
Stddev	3.302	.811	1.2	.4	.537	.24
%RSD	71.45	21.54	.4279	.1545	7.488	1.459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.419	55.64	1130.	553.2
Stddev	.369	.08	2.	29.5
%RSD	5.744	.1510	.2066	5.341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5406.0	61111.	9737.4
Stddev	6.9	242.	16.3
%RSD	.12804	.39533	.16786

Sample Name: sd 460-61334-A-2-A@5 Acquired: 8/17/2013 12:16:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12880.	38.56	2.216	32.57	1.053	943.3
Stddev	20.	.96	.087	.22	.048	3.0
%RSD	.1570	2.499	3.948	.6707	4.600	.3214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1951	9.820	28.24	20.99	23860.	1825.
Stddev	.0535	.282	.07	1.81	31.	10.
%RSD	27.44	2.875	.2344	8.605	.1284	.5710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7418.	479.9	20.23	21.69	17.49	-.4604
Stddev	17.	1.1	9.19	.33	.41	1.083
%RSD	.2353	.2215	45.44	1.507	2.319	235.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61334-A-2-A@5 Acquired: 8/17/2013 12:16:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2399	.9297	56.04	50.10	.7590	3.102
Stddev	.4205	.9706	.11	.08	.2253	.219
%RSD	175.3	104.4	.2006	.1534	29.69	7.059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9932	10.89	221.1	95.86
Stddev	.0756	.03	1.2	9.47
%RSD	7.614	.2923	.5348	9.882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5426.3	61462.	9636.9
Stddev	1.1	89.	43.9
%RSD	.01943	.14432	.45555

Sample Name: 460-61334-A-2-C MS@1 Acquired: 8/17/2013 12:20:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	73210.	607.9	11.64	597.7	15.69	8803.
Stddev	69.	2.9	.35	.6	.04	8.
%RSD	.0937	.4691	3.011	.0955	.2695	.0949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.514	160.5	188.6	164.2	128200.	14000.
Stddev	.032	.2	.3	2.6	95.	26.
%RSD	.3357	.1232	.1632	1.584	.0741	.1858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43920.	2914.	4532.	224.8	203.8	37.87
Stddev	61.	3.	2.	.5	.7	2.76
%RSD	.1378	.1074	.0491	.2143	.3582	7.296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-C MS@1 Acquired: 8/17/2013 12:20:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	374.9	398.4	403.8	376.7	101.0	108.2
Stddev	1.0	.9	1.2	1.0	.2	.6
%RSD	.2784	.2230	.2871	.2526	.2308	.5388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	102.3	157.5	1319.	534.9
Stddev	.2	.2	7.	7.1
%RSD	.1843	.1540	.5052	1.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5368.8	60538.	9627.7
Stddev	4.3	75.	22.7
%RSD	.07928	.12385	.23623

Sample Name: pds 460-61334-A-2-A@ Acquired: 8/17/2013 12:23:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68690.	2145.	47.55	2231.	55.78	24230.
Stddev	2576.	71.	2.02	74.	2.17	842.
%RSD	3.751	3.330	4.245	3.304	3.887	3.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.26	554.3	335.1	353.1	122900.	28710.
Stddev	1.43	18.6	11.8	11.8	4348.	1056.
%RSD	2.849	3.358	3.518	3.330	3.538	3.678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57670.	2953.	20750.	626.4	598.9	443.2
Stddev	2028.	100.	758.	20.7	20.2	11.0
%RSD	3.517	3.375	3.651	3.301	3.379	2.485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61334-A-2-A@ Acquired: 8/17/2013 12:23:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1897.	2021.	766.3	764.8	502.8	507.5
Stddev	64.	68.	27.8	24.0	17.5	15.5
%RSD	3.376	3.365	3.624	3.142	3.482	3.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.7	534.1	1648.	638.2
Stddev	17.7	19.6	57.	50.8
%RSD	3.420	3.674	3.430	7.955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5304.3	59813.	9669.0
Stddev	2.6	60.	33.4
%RSD	.04940	.10034	.34547

Sample Name: 460-61334-A-1-A@10 Acquired: 8/17/2013 12:27:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59060.	24.15	2.364	129.5	3.229	3185.
Stddev	145.	.30	.188	.3	.037	2.
%RSD	.2449	1.243	7.960	.2200	1.156	.0608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4006	48.35	104.6	83.87	88020.	4254.
Stddev	.1445	.21	1.0	.16	31.	31.
%RSD	36.06	.4317	.9642	.1967	.0347	.7396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26200.	1681.	199.7	71.30	41.41	4.657
Stddev	47.	1.	5.3	.75	1.12	1.606
%RSD	.1793	.0741	2.661	1.048	2.692	34.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-1-A@10 Acquired: 8/17/2013 12:27:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.212	-3.481	158.1	173.8	8.802	5.252
Stddev	2.203	.196	.5	.7	.461	.522
%RSD	35.47	5.620	.3078	.3891	5.238	9.934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	26.80	56.64	805.1	503.9
Stddev	.40	.15	.8	6.7
%RSD	1.478	.2700	.1035	1.337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5278.1	59980.	9561.8
Stddev	22.3	298.	35.4
%RSD	.42332	.49714	.36981

Sample Name: 460-61334-A-3-A@10 Acquired: 8/17/2013 12:30:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54290.	53.42	2.811	605.9	1.777	4588.
Stddev	126.	1.02	.457	.7	.117	28.
%RSD	.2313	1.903	16.27	.1082	6.611	.6078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.060	208.6	139.3	108.8	99240.	8666.
Stddev	.165	.4	.6	.5	605.	8.
%RSD	15.51	.2138	.4429	.4149	.6092	.0980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30330.	F 10390.	386.5	164.4	61.60	.4963
Stddev	281.	115.	2.6	1.1	.34	1.054
%RSD	.9260	1.103	.6710	.6535	.5552	212.5
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61334-A-3-A@10 Acquired: 8/17/2013 12:30:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.928	-9.021	253.3	319.2	5.962	30.23
Stddev	1.507	1.645	.8	.4	.341	.09
%RSD	38.37	18.24	.3072	.1180	5.722	.2994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	46.14	54.78	998.6	443.9
Stddev	.91	.25	3.9	15.0
%RSD	1.962	.4635	.3955	3.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5218.2	59667.	9439.7
Stddev	30.9	254.	48.6
%RSD	.59290	.42625	.51465

Sample Name: 460-61334-A-4-A@10 Acquired: 8/17/2013 12:34:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61750.	32.07	2.172	155.0	3.716	3056.
Stddev	139.	1.25	.173	.4	.078	31.
%RSD	.2256	3.912	7.948	.2485	2.107	.9987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5438	33.27	110.9	85.91	92740.	5293.
Stddev	.1860	.24	.3	1.21	666.	6.
%RSD	34.19	.7097	.2643	1.402	.7177	.1121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29580.	1350.	170.9	74.52	39.53	-.2354
Stddev	220.	9.	6.8	.71	1.12	.5766
%RSD	.7425	.6783	3.967	.9542	2.836	245.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-4-A@10 Acquired: 8/17/2013 12:34:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.335	-4.727	193.5	198.4	10.50	2.963
Stddev	1.605	1.822	1.6	.7	.30	.255
%RSD	21.88	38.55	.8152	.3617	2.873	8.619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	46.56	41.21	891.4	417.7
Stddev	.85	.10	2.2	37.4
%RSD	1.831	.2444	.2429	8.952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5215.4	59721.	9391.3
Stddev	33.3	611.	59.1
%RSD	.63877	1.0235	.62899

Sample Name: 460-61334-A-5-A@10 Acquired: 8/17/2013 12:38:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50620.	73.77	2.144	161.0	4.817	3419.
Stddev	182.	.47	.757	.4	.113	14.
%RSD	.3591	.6312	35.30	.2683	2.343	.4101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5376	45.01	135.7	87.38	109300.	7618.
Stddev	.0824	.12	1.0	.51	445.	36.
%RSD	15.33	.2708	.7507	.5808	.4074	.4759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25770.	2879.	346.4	106.5	43.72	.3914
Stddev	135.	10.	5.0	.2	1.86	.8922
%RSD	.5234	.3536	1.438	.1428	4.242	227.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-5-A@10 Acquired: 8/17/2013 12:38:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.889	-5.007	306.5	210.3	8.189	17.47
Stddev	2.039	.238	.6	.6	.281	.10
%RSD	29.59	4.748	.1975	.3045	3.438	.5534
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	44.31	37.05	907.3	428.5
Stddev	.85	.14	3.3	29.4
%RSD	1.920	.3794	.3687	6.865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5365.1	61168.	9635.4
Stddev	27.3	455.	52.4
%RSD	.50955	.74306	.54335

Sample Name: CCV Acquired: 8/17/2013 12:41:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	2463.	1187.	9984.	1009.	122000.
Stddev	164.	5.	2.	5.	1.	553.
%RSD	.1293	.2153	.1595	.0529	.0681	.4528
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1249.	2497.	4799.	12790.	102100.	49040.
Stddev	2.	2.	20.	12.	278.	15.
%RSD	.1477	.0642	.4136	.0968	.2722	.0304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	5000.	128100.	2517.	7472.	952.3
Stddev	605.	17.	458.	2.	7.	1.1
%RSD	.4996	.3487	.3571	.0739	.0972	.1115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 12:41:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2406.	2439.	2427.	2475.	996.7	2479.
Stddev	5.	2.	4.	8.	1.9	5.
%RSD	.2249	.0724	.1815	.3244	.1933	.1833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1002.	4934.	10050.	9392.
Stddev	2.	50.	4.	51.
%RSD	.1998	1.014	.0421	.5455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5029.3	56709.	9183.8
Stddev	24.5	247.	28.8
%RSD	.48617	.43577	.31389

Sample Name: CCB Acquired: 8/17/2013 12:45:12 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.07	-1.000	2.572	.4940	.0957	51.63
Stddev	6.17	1.978	.040	.2024	.0948	4.00
%RSD	43.83	197.7	1.570	40.96	99.01	7.738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0481	.1176	.1753	1.425	8.163	-11.70
Stddev	.1163	.1644	.3108	.587	5.592	3.01
%RSD	241.5	139.8	177.3	41.14	68.50	25.69
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.094	.3262	-42.04	-.0583	-.9316	.8341
Stddev	5.075	.2064	17.51	.3557	.2872	.9767
%RSD	124.0	63.28	41.65	610.2	30.83	117.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 12:45:12 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.393	1.769	.0392	-1.222	.2979	7.377
Stddev	1.557	.595	.2246	.070	.1615	1.294
%RSD	65.08	33.63	572.3	5.723	54.20	17.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6106	.2485	1.964	-6.746
Stddev	.0987	.1343	1.423	24.64
%RSD	16.17	54.03	72.48	365.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5392.9	61440.	9412.6
Stddev	8.5	280.	28.3
%RSD	.15847	.45561	.30093

Sample Name: 460-61334-A-6-A@10 Acquired: 8/17/2013 12:48:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57530.	30.04	2.271	129.6	4.147	4542.
Stddev	205.	1.90	.345	.3	.045	27.
%RSD	.3567	6.328	15.19	.2084	1.091	.6049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2373	45.80	193.9	83.63	104900.	19120.
Stddev	.0888	.26	1.0	2.01	356.	59.
%RSD	37.41	.5762	.5365	2.402	.3394	.3105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36310.	1821.	368.0	98.20	35.52	-.3700
Stddev	217.	6.	2.0	1.03	.57	1.058
%RSD	.5970	.3528	.5471	1.046	1.616	285.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-6-A@10 Acquired: 8/17/2013 12:48:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.326	-3.192	365.9	252.1	8.914	10.13
Stddev	1.046	1.421	1.1	1.1	.167	.52
%RSD	11.22	44.53	.2919	.4442	1.872	5.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.29	54.70	2168.	543.5
Stddev	.86	.16	5.	40.6
%RSD	1.823	.2839	.2409	7.463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5197.7	59207.	9454.9
Stddev	28.8	486.	100.8
%RSD	.55362	.82065	1.0659

Sample Name: 460-61334-A-7-A@10 Acquired: 8/17/2013 12:52:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43860.	27.70	1.395	104.7	2.033	1678.
Stddev	486.	.73	.070	1.3	.161	23.
%RSD	1.107	2.625	5.018	1.232	7.933	1.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5075	21.56	77.49	39.05	63780.	1915.
Stddev	.0888	.49	1.29	.55	881.	21.
%RSD	17.49	2.280	1.663	1.404	1.381	1.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14830.	605.7	90.56	51.37	24.32	.5374
Stddev	191.	8.4	.75	.36	1.01	.8532
%RSD	1.285	1.390	.8239	.7097	4.145	158.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-7-A@10 Acquired: 8/17/2013 12:52:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.422	-2.270	107.6	120.9	3.292	2.345
Stddev	1.726	1.069	1.8	1.7	.115	.181
%RSD	50.42	47.10	1.654	1.410	3.503	7.716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.641	16.18	655.2	400.7
Stddev	.456	.25	7.1	13.1
%RSD	9.830	1.574	1.082	3.256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5452.7	61412.	9565.5
Stddev	37.3	472.	6.5
%RSD	.68445	.76782	.06808

Sample Name: 460-61334-A-8-A@10 Acquired: 8/17/2013 12:56:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58560.	36.72	2.431	137.7	3.506	2145.
Stddev	1543.	1.23	.375	2.2	.117	42.
%RSD	2.634	3.361	15.41	1.602	3.345	1.951
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4881	62.15	114.7	105.4	96650.	3784.
Stddev	.0705	1.43	3.0	1.8	2129.	104.
%RSD	14.44	2.296	2.621	1.705	2.203	2.754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26070.	2759.	129.7	82.53	48.57	.6256
Stddev	547.	57.	1.8	1.63	2.25	1.132
%RSD	2.096	2.075	1.415	1.970	4.631	180.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-8-A@10 Acquired: 8/17/2013 12:56:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.982	-5.648	163.2	188.7	4.288	3.340
Stddev	1.150	1.276	4.1	3.2	.182	.157
%RSD	28.87	22.58	2.504	1.705	4.236	4.695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.073	20.29	887.4	376.8
Stddev	.266	.52	24.3	17.1
%RSD	4.374	2.582	2.737	4.532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5445.3	61334.	9662.8
Stddev	5.2	83.	34.7
%RSD	.09566	.13563	.35962

Sample Name: 460-61334-A-9-A@10 Acquired: 8/17/2013 12:59:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38840.	32.50	2.161	90.19	4.164	3152.
Stddev	1571.	1.32	.105	3.37	.186	127.
%RSD	4.045	4.065	4.847	3.731	4.461	4.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4645	31.75	147.5	94.93	95180.	7126.
Stddev	.0598	1.21	6.3	3.90	4001.	267.
%RSD	12.87	3.810	4.299	4.103	4.204	3.743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28120.	1991.	251.4	102.1	35.32	-.8978
Stddev	1184.	83.	9.5	4.3	1.35	.7735
%RSD	4.211	4.167	3.792	4.170	3.820	86.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-9-A@10 Acquired: 8/17/2013 12:59:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.853	-3.939	380.4	220.7	1.601	5.244
Stddev	1.644	.822	15.5	8.7	.184	.392
%RSD	57.60	20.86	4.069	3.932	11.50	7.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.407	35.55	678.6	313.0
Stddev	.587	1.31	27.1	22.2
%RSD	10.86	3.682	3.998	7.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5490.4	61828.	9720.1
Stddev	1.5	257.	41.9
%RSD	.02692	.41633	.43131

Sample Name: 460-61334-A-10-A@10 Acquired: 8/17/2013 13:03:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56800.	35.49	2.600	107.8	2.454	2197.
Stddev	449.	2.45	.351	1.4	.090	21.
%RSD	.7899	6.899	13.51	1.329	3.678	.9522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7675	26.01	108.3	78.04	100600.	2156.
Stddev	.1115	.37	1.0	1.15	940.	40.
%RSD	14.53	1.409	.9126	1.473	.9340	1.850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21930.	858.8	74.29	71.20	34.64	1.125
Stddev	206.	7.4	4.96	1.31	.43	2.488
%RSD	.9410	.8632	6.676	1.840	1.232	221.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-10-A@10 Acquired: 8/17/2013 13:03:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.440	-2.847	161.6	155.8	4.167	3.060
Stddev	2.402	.601	1.3	2.0	.355	.057
%RSD	44.15	21.10	.7952	1.254	8.520	1.858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.950	20.28	737.3	437.6
Stddev	.518	.23	8.2	12.8
%RSD	8.713	1.129	1.112	2.922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5371.4	60469.	9501.4
Stddev	13.0	115.	14.6
%RSD	.24283	.18971	.15373

Sample Name: 460-61334-A-11-A@10 Acquired: 8/17/2013 13:06:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54400.	93.59	2.739	141.2	4.164	2490.
Stddev	1148.	3.23	.102	3.4	.150	55.
%RSD	2.111	3.453	3.723	2.423	3.598	2.225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4965	58.67	112.1	83.17	99900.	6293.
Stddev	.0956	1.24	2.5	2.43	2279.	148.
%RSD	19.25	2.109	2.230	2.918	2.281	2.353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32380.	2176.	116.3	97.78	59.09	-.3144
Stddev	691.	47.	6.9	2.22	1.05	.4549
%RSD	2.132	2.175	5.894	2.269	1.776	144.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-11-A@10 Acquired: 8/17/2013 13:06:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.002	-3.992	216.1	225.5	5.183	1.904
Stddev	1.294	.329	4.9	4.7	.354	.253
%RSD	32.32	8.233	2.250	2.081	6.823	13.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.811	28.06	927.6	378.6
Stddev	.472	.65	23.1	15.9
%RSD	8.123	2.319	2.491	4.194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5426.9	61134.	9662.4
Stddev	13.5	30.	31.7
%RSD	.24927	.04885	.32791

Sample Name: 460-61334-A-12-A@10 Acquired: 8/17/2013 13:10:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52720.	84.47	2.520	250.2	3.594	2702.
Stddev	2460.	4.49	.498	9.4	.121	120.
%RSD	4.666	5.315	19.78	3.767	3.362	4.422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1879	53.70	119.9	101.7	108800.	7154.
Stddev	.0765	2.06	6.0	3.1	4935.	343.
%RSD	40.70	3.838	5.005	3.063	4.534	4.790
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22610.	3755.	199.1	98.96	98.73	-.7820
Stddev	1027.	166.	16.2	4.13	4.71	1.162
%RSD	4.541	4.425	8.119	4.170	4.775	148.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-12-A@10 Acquired: 8/17/2013 13:10:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.854	-4.679	299.7	203.8	3.289	32.34
Stddev	2.331	1.260	13.6	8.3	.246	1.37
%RSD	60.49	26.93	4.526	4.049	7.490	4.244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.233	32.09	1172.	442.4
Stddev	.334	1.36	52.	15.4
%RSD	6.391	4.236	4.479	3.492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5417.7	61024.	9651.4
Stddev	12.7	46.	44.5
%RSD	.23487	.07589	.46082

Sample Name: 460-61334-A-13-A@10 Acquired: 8/17/2013 13:14:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56630.	34.39	1.847	110.6	2.460	2275.
Stddev	2884.	3.36	.872	4.9	.165	109.
%RSD	5.093	9.756	47.18	4.407	6.705	4.771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5109	35.13	106.0	79.77	86860.	2980.
Stddev	.0542	1.77	5.2	2.87	4161.	126.
%RSD	10.62	5.049	4.940	3.600	4.791	4.239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21180.	1384.	105.2	69.54	37.88	-.9518
Stddev	1038.	65.	8.9	2.72	2.24	.2786
%RSD	4.902	4.709	8.444	3.906	5.910	29.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-13-A@10 Acquired: 8/17/2013 13:14:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.234	-3.096	147.6	175.9	3.890	2.642
Stddev	1.517	1.894	7.3	8.0	.313	.120
%RSD	35.82	61.20	4.917	4.543	8.045	4.556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.037	29.32	840.4	453.1
Stddev	.537	1.30	43.0	14.8
%RSD	10.66	4.442	5.115	3.270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5365.9	60441.	9554.3
Stddev	8.1	62.	12.7
%RSD	.15092	.10225	.13315

Sample Name: 460-61334-A-14-A@10 Acquired: 8/17/2013 13:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60140.	27.26	2.431	127.7	3.743	2362.
Stddev	2803.	.73	.240	5.0	.188	109.
%RSD	4.662	2.667	9.864	3.934	5.015	4.625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4975	63.42	128.1	74.27	103500.	4402.
Stddev	.1166	2.55	6.2	3.13	4792.	188.
%RSD	23.44	4.025	4.872	4.210	4.632	4.267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29340.	2057.	125.2	95.08	50.73	-.1872
Stddev	1414.	94.	12.9	3.15	2.30	2.129
%RSD	4.820	4.575	10.31	3.311	4.541	1138.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-14-A@10 Acquired: 8/17/2013 13:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.283	-4.526	169.7	200.9	4.498	2.378
Stddev	.765	1.701	7.6	8.3	.157	.174
%RSD	23.29	37.58	4.454	4.116	3.483	7.326
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.800	18.49	871.7	391.3
Stddev	.349	.89	39.6	16.2
%RSD	6.018	4.786	4.547	4.145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5383.3	60727.	9628.5
Stddev	5.4	44.	59.6
%RSD	.10086	.07319	.61924

Sample Name: 460-61334-A-15-A@10 Acquired: 8/17/2013 13:21:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45860.	83.87	2.446	127.4	3.620	3996.
Stddev	1638.	4.59	.272	4.1	.121	134.
%RSD	3.572	5.478	11.14	3.225	3.328	3.345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2774	31.54	153.9	75.89	102700.	10240.
Stddev	.1003	.88	5.6	2.00	3298.	371.
%RSD	36.16	2.794	3.642	2.638	3.211	3.621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27410.	1778.	346.5	90.68	46.11	-.8972
Stddev	890.	58.	12.7	2.19	1.69	.2329
%RSD	3.248	3.251	3.669	2.420	3.673	25.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-15-A@10 Acquired: 8/17/2013 13:21:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.165	-3.243	244.5	208.2	.7041	32.19
Stddev	.923	1.082	8.0	6.9	.6374	.88
%RSD	29.17	33.36	3.269	3.330	90.52	2.723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.798	41.97	1108.	408.1
Stddev	.883	1.54	41.	16.1
%RSD	15.23	3.659	3.687	3.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5406.4	60972.	9608.9
Stddev	3.5	136.	18.4
%RSD	.06468	.22328	.19194

Sample Name: CCV Acquired: 8/17/2013 13:24:51 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2469.	1185.	9957.	1003.	120700.
Stddev	195.	5.	1.	7.	1.	253.
%RSD	.1546	.1880	.0452	.0750	.1056	.2098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2490.	4756.	12750.	101200.	48920.
Stddev	1.	2.	10.	32.	264.	102.
%RSD	.1061	.0786	.2089	.2472	.2612	.2090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119800.	4962.	127900.	2511.	7436.	957.1
Stddev	376.	14.	342.	4.	7.	2.7
%RSD	.3137	.2852	.2671	.1451	.0911	.2834
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 13:24:51 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2419.	2441.	2414.	2444.	1000.	2475.
Stddev	4.	2.	2.	5.	3.	7.
%RSD	.1773	.0801	.0871	.2139	.2539	.2656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	994.6	4899.	10020.	9486.
Stddev	1.6	55.	18.	24.
%RSD	.1610	1.120	.1843	.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4958.2	56048.	9256.0
Stddev	7.7	168.	23.2
%RSD	.15513	.30045	.25021

Sample Name: CCB Acquired: 8/17/2013 13:28:28 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7072	-.6493	2.207	.3239	.0706	40.38
Stddev	7.743	1.150	.583	.1311	.0348	3.17
%RSD	1095.	177.2	26.44	40.47	49.31	7.863
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0694	.1621	.4185	2.828	11.99	14.22
Stddev	.0338	.0520	.1219	.853	7.47	28.05
%RSD	48.75	32.06	29.13	30.15	62.32	197.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.380	.2429	-46.34	.0305	-.7527	1.919
Stddev	.963	.1641	10.36	.3340	.9170	.735
%RSD	28.50	67.55	22.37	1096.	121.8	38.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 13:28:28 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.179	1.849	-.0713	-1.483	.0596	6.950
Stddev	.957	.525	.3116	.019	.8710	1.038
%RSD	30.10	28.41	437.3	1.282	1462.	14.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7251	.1313	1.721	-6.175
Stddev	.3840	.1333	.785	1.488
%RSD	52.96	101.6	45.64	24.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5360.3	61155.	9374.1
Stddev	17.5	203.	22.2
%RSD	.32734	.33243	.23704

Sample Name: 460-61334-A-16-A@10 Acquired: 8/17/2013 13:32:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68520.	24.95	2.107	240.8	3.615	1990.
Stddev	3381.	1.36	.456	11.2	.188	83.
%RSD	4.934	5.469	21.64	4.658	5.189	4.183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5923	43.04	160.4	46.54	115800.	3943.
Stddev	.0960	1.79	8.3	3.72	5382.	214.
%RSD	16.20	4.153	5.178	7.997	4.650	5.425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29390.	1513.	153.1	99.89	38.52	-.4016
Stddev	1354.	72.	3.6	4.23	2.65	.8884
%RSD	4.607	4.726	2.327	4.239	6.873	221.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-16-A@10 Acquired: 8/17/2013 13:32:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.000	-4.828	162.8	231.5	6.931	2.738
Stddev	2.431	.971	7.5	10.6	.929	.590
%RSD	40.51	20.12	4.599	4.582	13.41	21.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.794	19.22	829.1	467.9
Stddev	.508	.95	39.4	26.5
%RSD	7.478	4.968	4.746	5.660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5363.8	60334.	9487.9
Stddev	6.7	218.	19.0
%RSD	.12489	.36084	.20027

Sample Name: 460-61334-A-17-A@10 Acquired: 8/17/2013 13:35:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55160.	32.10	2.258	140.7	4.394	1478.
Stddev	2645.	2.50	.387	6.4	.112	67.
%RSD	4.794	7.786	17.15	4.553	2.553	4.500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4117	29.37	138.0	96.03	107100.	6194.
Stddev	.1462	1.51	7.4	4.11	4826.	293.
%RSD	35.52	5.140	5.353	4.282	4.504	4.723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38390.	1077.	158.2	86.02	56.13	-.4388
Stddev	1780.	49.	10.0	3.59	.91	.5829
%RSD	4.637	4.559	6.295	4.170	1.622	132.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-17-A@10 Acquired: 8/17/2013 13:35:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.057	-4.325	230.6	246.1	5.636	25.07
Stddev	4.919	1.439	10.8	10.4	.582	1.33
%RSD	97.28	33.27	4.677	4.247	10.33	5.284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.883	13.61	822.7	396.2
Stddev	.205	.71	37.0	39.1
%RSD	3.490	5.228	4.496	9.867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5417.2	61103.	9755.5
Stddev	8.5	118.	82.7
%RSD	.15693	.19369	.84758

Sample Name: 460-61339-A-37-E@4 Acquired: 8/17/2013 13:39:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38650.	12.58	2.460	181.0	.8982	11190.
Stddev	173.	.85	.487	.6	.0383	50.
%RSD	.4486	6.780	19.80	.3058	4.267	.4438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6373	20.65	69.98	2126.	60290.	1877.
Stddev	.0260	.27	.31	6.	212.	35.
%RSD	4.081	1.294	.4434	.2725	.3513	1.890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10790.	1191.	1280.	126.3	162.6	-.3397
Stddev	66.	5.	6.	1.2	1.3	.7870
%RSD	.6084	.4464	.4470	.9137	.8130	231.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61339-A-37-E@4 Acquired: 8/17/2013 13:39:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.844	-3.831	79.01	863.6	17.76	5.375
Stddev	1.516	1.198	.27	2.7	.09	.264
%RSD	39.44	31.27	.3423	.3137	.5194	4.919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	461.4	47.22	899.3	1060.
Stddev	1.2	.22	3.4	13.
%RSD	.2605	.4601	.3754	1.273
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.5	61401.	9666.2
Stddev	15.1	80.	53.1
%RSD	.27995	.13016	.54968

Sample Name: 460-60926-A-1-B@4 Acquired: 8/17/2013 13:42:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32750.	39.91	2.488	116.8	2.598	4217.
Stddev	62.	2.01	.585	.4	.061	27.
%RSD	.1904	5.031	23.49	.3340	2.330	.6456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1837	11.57	94.85	31.05	93570.	5133.
Stddev	.0601	.35	.19	.53	252.	28.
%RSD	32.74	3.022	.1960	1.703	.2690	.5391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4292.	458.5	5.449	25.30	64.08	1.803
Stddev	18.	.7	2.306	.15	.80	1.592
%RSD	.4200	.1423	42.33	.5838	1.255	88.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60926-A-1-B@4 Acquired: 8/17/2013 13:42:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.870	-4.129	126.3	175.2	22.57	2.171
Stddev	.987	.429	.0	.2	.10	.104
%RSD	14.37	10.40	.0280	.1133	.4354	4.806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.81	9.253	649.3	1262.
Stddev	.14	.056	2.0	16.
%RSD	1.166	.6009	.3098	1.246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5407.8	61225.	9621.5
Stddev	9.5	43.	26.8
%RSD	.17495	.07033	.27886

Sample Name: 460-60926-A-2-B@4 Acquired: 8/17/2013 13:46:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36510.	42.89	2.476	128.8	2.753	2661.
Stddev	16.	.06	.379	.4	.087	19.
%RSD	.0446	.1353	15.31	.3368	3.170	.7297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2479	10.28	114.5	32.48	101000.	5633.
Stddev	.0427	.13	.5	.66	410.	14.
%RSD	17.22	1.300	.4041	2.029	.4061	.2527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4999.	422.1	-.4795	26.10	68.21	.5592
Stddev	24.	1.4	3.021	.98	.25	2.874
%RSD	.4887	.3333	630.1	3.741	.3601	513.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60926-A-2-B@4 Acquired: 8/17/2013 13:46:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.464	-4.810	150.1	192.6	23.77	2.548
Stddev	4.443	.028	.6	1.0	.45	.185
%RSD	68.73	.5855	.4005	.5079	1.891	7.266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.736	9.891	631.7	1287.
Stddev	.483	.082	1.1	16.
%RSD	4.964	.8284	.1806	1.276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5428.4	61539.	9693.1
Stddev	4.6	66.	62.8
%RSD	.08458	.10653	.64744

Sample Name: MB 460-176602/1-A@2 Acquired: 8/17/2013 13:50:11 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.504	-1.249	2.058	.0005	.0483	41.46
Stddev	5.761	.327	.241	.1170	.0145	6.91
%RSD	230.0	26.18	11.72	22650.	30.08	16.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0785	.0896	-.3217	1.532	15.53	-26.25
Stddev	.0583	.0500	.0955	2.508	4.09	25.86
%RSD	74.29	55.78	29.69	163.7	26.33	98.52
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.057	.0425	-67.68	-.1612	-1.991	.6102
Stddev	.770	.0513	4.76	.4180	1.735	.9345
%RSD	37.43	120.7	7.040	259.3	87.13	153.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176602/1-A@2 Acquired: 8/17/2013 13:50:11 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.505	.9585	-.1565	-1.573	-.7735	-.2052
Stddev	1.115	1.858	.2171	.106	.6135	.2527
%RSD	74.05	193.9	138.7	6.711	79.32	123.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2037	-.0285	-.6716	-20.70
Stddev	.5120	.0460	1.144	8.01
%RSD	251.3	161.4	170.4	38.68
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5354.2	61342.	9441.2
Stddev	17.0	118.	39.9
%RSD	.31816	.19171	.42217

Sample Name: LCSSRM 460-176602/2- Acquired: 8/17/2013 13:53:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35720.	694.1	170.5	952.3	471.2	27990.
Stddev	67.	2.2	1.3	1.0	.1	37.
%RSD	.1877	.3223	.7766	.1077	.0296	.1337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	437.1	582.9	486.0	512.2	56390.	12200.
Stddev	.7	.2	1.4	1.3	43.	3.
%RSD	.1540	.0317	.2819	.2455	.0769	.0214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10810.	1479.	1385.	314.6	336.7	309.4
Stddev	19.	1.	8.	.8	.8	.4
%RSD	.1728	.0572	.5647	.2492	.2376	.1313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176602/2- Acquired: 8/17/2013 13:53:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	512.9	934.0	354.5	1184.	339.3	258.0
Stddev	1.3	2.4	1.0	2.	.4	.4
%RSD	.2473	.2588	.2749	.1653	.1121	.1548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	636.0	563.9	954.0	1162.
Stddev	2.1	1.0	1.5	10.
%RSD	.3314	.1817	.1550	.8804
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.2	61476.	9814.9
Stddev	4.8	39.	48.3
%RSD	.08859	.06309	.49220

Sample Name: 460-61340-G-1-B DU@4 Acquired: 8/17/2013 13:57:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41780.	30.12	2.154	4102.	1.539	245600.
Stddev	83.	1.04	.137	2.	.119	323.
%RSD	.1977	3.439	6.350	.0500	7.736	.1316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.258	23.16	66.59	168.6	71530.	6247.
Stddev	.053	.10	.18	1.5	101.	31.
%RSD	2.343	.4194	.2731	.8991	.1413	.4905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20430.	1507.	4259.	60.59	5107.	.8882
Stddev	46.	2.	10.	.36	4.	1.232
%RSD	.2269	.1479	.2329	.5930	.0728	138.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-B DU@4 Acquired: 8/17/2013 13:57:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.593	-2.869	186.7	2499.	40.52	4.798
Stddev	1.436	.770	.3	4.	.82	.187
%RSD	39.96	26.83	.1352	.1610	2.014	3.887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	62.15	667.2	1177.	1554.
Stddev	.55	.6	.	63.
%RSD	.8786	.0900	.0275	4.077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5191.3	58831.	9552.4
Stddev	15.0	97.	32.5
%RSD	.28910	.16518	.33999

Sample Name: 460-61340-G-1-A@4 Acquired: 8/17/2013 14:01:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41920.	29.91	2.654	4101.	1.593	247400.
Stddev	95.	.78	.383	2.	.082	1352.
%RSD	.2262	2.607	14.45	.0424	5.162	.5467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.160	23.02	66.53	167.8	71810.	6241.
Stddev	.089	.09	.17	2.1	94.	21.
%RSD	4.125	.4124	.2594	1.261	.1314	.3434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20560.	1511.	4273.	60.17	5110.	-1.176
Stddev	20.	1.	8.	.23	6.	1.634
%RSD	.0972	.0944	.1906	.3803	.1209	138.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-A@4 Acquired: 8/17/2013 14:01:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.966	-2.587	187.1	2513.	39.93	3.918
Stddev	1.348	1.601	.7	5.	.48	.233
%RSD	27.14	61.88	.3619	.2036	1.205	5.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	62.37	667.9	1180.	1554.
Stddev	.40	1.3	6.	68.
%RSD	.6369	.1976	.4695	4.403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5180.7	58516.	9526.0
Stddev	9.0	108.	82.3
%RSD	.17286	.18518	.86446

Sample Name: sd 460-61340-G-1-A@2 Acquired: 8/17/2013 14:04:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8233.	4.600	2.020	829.2	.3450	49340.
Stddev	26.	1.970	.232	1.6	.0826	63.
%RSD	.3165	42.82	11.50	.1885	23.95	.1267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3089	5.105	13.61	34.59	14690.	1207.
Stddev	.0840	.257	.17	1.44	26.	7.
%RSD	27.19	5.040	1.271	4.178	.1771	.5778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4244.	306.0	772.5	12.21	1057.	-1.298
Stddev	8.	.1	1.4	.79	3.	.663
%RSD	.1999	.0291	.1819	6.472	.2881	51.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61340-G-1-A@2 Acquired: 8/17/2013 14:04:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.721	.8308	36.90	515.7	7.107	.4811
Stddev	2.156	.9964	.15	1.3	.505	.1971
%RSD	125.3	119.9	.4145	.2456	7.107	40.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.68	132.0	235.2	275.8
Stddev	.30	.3	2.0	7.6
%RSD	2.384	.1898	.8536	2.762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5335.5	60293.	9460.1
Stddev	6.7	212.	15.9
%RSD	.12570	.35213	.16784

Sample Name: CCV Acquired: 8/17/2013 14:08:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126800.	2468.	1185.	9965.	1005.	120800.
Stddev	266.	7.	4.	16.	1.	242.
%RSD	.2096	.2858	.3068	.1565	.0908	.2006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1244.	2492.	4763.	12780.	101200.	49140.
Stddev	2.	4.	3.	41.	202.	67.
%RSD	.1336	.1527	.0682	.3216	.1991	.1372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119900.	4971.	128500.	2513.	7450.	954.2
Stddev	294.	25.	622.	3.	14.	3.6
%RSD	.2449	.5069	.4839	.1190	.1866	.3810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 14:08:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2423.	2445.	2416.	2451.	1002.	2478.
Stddev	8.	5.	1.	1.	2.	9.
%RSD	.3355	.2034	.0223	.0316	.2109	.3564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.2	4961.	10040.	9380.
Stddev	1.5	62.	26.	66.
%RSD	.1478	1.244	.2595	.7014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4955.9	56026.	9180.8
Stddev	8.1	197.	29.4
%RSD	.16343	.35099	.32019

Sample Name: CCB Acquired: 8/17/2013 14:11:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.393	-1.032	1.707	.3548	.1777	47.27
Stddev	8.382	.523	.743	.1404	.0817	1.21
%RSD	155.4	50.70	43.50	39.55	45.96	2.561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0405	.2640	.1571	1.865	8.612	-.0831
Stddev	.0912	.0351	.6885	1.552	3.929	9.849
%RSD	224.9	13.28	438.2	83.25	45.62	11850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.117	.2147	-43.45	-.3793	-1.066	1.338
Stddev	3.273	.0655	9.17	.1669	.411	1.132
%RSD	292.9	30.51	21.10	44.01	38.59	84.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 14:11:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.603	1.322	-.0176	-1.388	.2286	6.834
Stddev	.404	2.486	.1010	.177	.7065	1.071
%RSD	15.51	188.0	572.1	12.72	309.1	15.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5185	.1566	2.029	-20.76
Stddev	.4831	.1144	.220	16.58
%RSD	93.19	73.06	10.84	79.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5345.7	60892.	9361.5
Stddev	14.3	262.	41.7
%RSD	.26738	.42964	.44575

Sample Name: 460-61340-G-1-C MS@4 Acquired: 8/17/2013 14:15:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39890.	956.2	25.17	4791.	26.31	224200.
Stddev	64.	3.0	.32	3.	.08	86.
%RSD	.1603	.3137	1.261	.0676	.3131	.0386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.04	261.4	151.6	265.4	70270.	15700.
Stddev	.11	.1	1.3	1.2	5.	20.
%RSD	.4293	.0371	.8710	.4576	.0067	.1288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26780.	1919.	14020.	300.6	2018.	143.0
Stddev	28.	1.	30.	.7	5.	.7
%RSD	.1059	.0396	.2105	.2444	.2407	.4682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-C MS@4 Acquired: 8/17/2013 14:15:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	899.5	952.1	380.0	2285.	274.4	233.9
Stddev	3.1	2.6	.9	8.	.7	.3
%RSD	.3463	.2743	.2401	.3345	.2430	.1393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	309.9	881.0	1330.	1951.
Stddev	.8	1.9	2.	27.
%RSD	.2555	.2139	.1852	1.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5141.7	58086.	9389.8
Stddev	6.2	175.	14.7
%RSD	.12010	.30209	.15669

Sample Name: pds 460-61340-G-1-A@ Acquired: 8/17/2013 14:19:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43110.	1890.	45.51	5915.	50.79	F 262000.
Stddev	165.	2.	.53	6.	.10	888.
%RSD	.3823	.1149	1.166	.0944	.1921	.3389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.13	495.5	246.4	410.5	71280.	25180.
Stddev	.27	1.5	.9	2.8	376.	17.
%RSD	.5438	.3126	.3492	.6720	.5280	.0675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38270.	1962.	24450.	540.3	5449.	435.6
Stddev	146.	7.	46.	1.7	13.	2.3
%RSD	.3816	.3667	.1901	.3161	.2425	.5339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61340-G-1-A@ Acquired: 8/17/2013 14:19:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1813.	1880.	641.0	2927.	513.9	470.4
Stddev	3.	8.	1.0	7.	.8	1.7
%RSD	.1744	.4046	.1536	.2450	.1592	.3525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	541.7	1121.	1641.	1607.
Stddev	2.7	1.	4.	2.
%RSD	.5048	.0892	.2596	.0958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5128.0	57752.	9365.4
Stddev	9.9	181.	27.2
%RSD	.19391	.31326	.29061

Sample Name: 460-61175-E-3-H@4 Acquired: 8/17/2013 14:22:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43340.	19.50	2.293	384.3	1.758	11140.
Stddev	53.	.61	.499	.5	.072	73.
%RSD	.1225	3.134	21.74	.1407	4.086	.6575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1864	21.85	75.02	133.9	60040.	1818.
Stddev	.1925	.31	.36	1.4	262.	13.
%RSD	103.3	1.434	.4841	1.047	.4370	.7421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6413.	689.0	479.1	56.87	408.4	4.304
Stddev	42.	2.5	9.7	.57	2.8	.708
%RSD	.6584	.3701	2.017	1.005	.6948	16.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61175-E-3-H@4 Acquired: 8/17/2013 14:22:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.723	-2.868	111.8	325.7	8.626	5.611
Stddev	2.861	1.633	.1	.5	.220	.344
%RSD	42.55	56.93	.1053	.1599	2.547	6.133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	53.87	104.8	1532.	1052.
Stddev	.40	.3	.	7.
%RSD	.7451	.2708	.0254	.6363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5329.0	60446.	9467.7
Stddev	31.8	229.	75.0
%RSD	.59579	.37913	.79165

Sample Name: 460-61271-D-1-B@4 Acquired: 8/17/2013 14:26:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49160.	15.15	2.559	229.5	1.503	3574.
Stddev	87.	.99	.314	.2	.061	13.
%RSD	.1774	6.521	12.25	.0952	4.072	.3771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9901	38.42	153.4	78.46	90600.	1259.
Stddev	.0782	.30	.8	1.46	278.	18.
%RSD	7.897	.7813	.5239	1.857	.3071	1.390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4953.	1655.	2925.	71.32	193.6	.7592
Stddev	24.	4.	5.	1.08	.8	.7680
%RSD	.4853	.2634	.1855	1.513	.3890	101.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61271-D-1-B@4 Acquired: 8/17/2013 14:26:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.151	-5.150	118.5	368.9	5.437	4.012
Stddev	.895	.632	.5	.6	.056	.286
%RSD	14.54	12.27	.4363	.1543	1.023	7.126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.58	16.48	732.7	1134.
Stddev	.55	.17	1.6	19.
%RSD	1.602	1.037	.2201	1.686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5412.3	61468.	9616.6
Stddev	23.4	359.	31.4
%RSD	.43209	.58358	.32661

Sample Name: 460-61340-G-2-A@4 Acquired: 8/17/2013 14:29:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42860.	3.804	1.678	648.7	.9753	27940.
Stddev	142.	.447	.218	.7	.0286	108.
%RSD	.3314	11.74	12.96	.1081	2.929	.3854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1013	39.92	127.0	196.5	69650.	12470.
Stddev	.1065	.17	1.2	.9	209.	41.
%RSD	105.1	.4298	.9404	.4663	.3000	.3320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17910.	1873.	1815.	80.91	235.0	1.194
Stddev	76.	5.	4.	.60	.5	1.086
%RSD	.4243	.2521	.2336	.7416	.2193	90.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-2-A@4 Acquired: 8/17/2013 14:29:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.169	-4.202	127.8	405.4	10.72	2.309
Stddev	1.696	1.810	.4	.9	.56	.277
%RSD	78.19	43.07	.3120	.2324	5.200	12.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.10	159.4	2585.	889.2
Stddev	.57	.1	5.	11.7
%RSD	1.671	.0612	.2027	1.311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5319.9	60624.	9509.3
Stddev	23.1	291.	51.3
%RSD	.43333	.48015	.53972

Sample Name: 460-61340-A-3-E@4 Acquired: 8/17/2013 14:33:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28860.	42.41	3.159	6746.	1.239	F 271300.
Stddev	66.	1.07	.203	6.	.065	1761.
%RSD	.2272	2.527	6.426	.0873	5.235	.6489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.63	20.03	803.6	269.1	84290.	5204.
Stddev	.17	.10	2.8	.6	201.	12.
%RSD	1.584	.4786	.3475	.2102	.2384	.2363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20120.	1816.	2062.	65.97	9491.	2.526
Stddev	94.	6.	6.	.48	13.	.959
%RSD	.4675	.3111	.2962	.7247	.1406	37.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-3-E@4 Acquired: 8/17/2013 14:33:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.235	-5.255	180.9	3732.	43.10	6.056
Stddev	1.928	.620	1.1	9.	.32	.091
%RSD	20.88	11.79	.6227	.2489	.7518	1.511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	114.3	677.0	991.5	1775.
Stddev	.5	.9	2.0	53.
%RSD	.4000	.1355	.2012	2.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5065.3	57634.	9238.1
Stddev	15.5	132.	39.2
%RSD	.30524	.22905	.42481

Sample Name: 460-61340-A-4-B@4 Acquired: 8/17/2013 14:37:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30620.	.1881	2.154	347.8	2.097	5846.
Stddev	49.	1.481	.720	.2	.045	19.
%RSD	.1604	787.3	33.41	.0646	2.145	.3260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5044	42.87	82.05	95.28	95250.	11760.
Stddev	.0329	.29	.44	1.60	208.	17.
%RSD	6.526	.6755	.5313	1.681	.2183	.1464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13400.	2550.	995.5	80.23	61.37	-.2315
Stddev	31.	5.	2.7	.04	.09	.6446
%RSD	.2343	.1926	.2746	.0555	.1389	278.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-4-B@4 Acquired: 8/17/2013 14:37:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.402	-5.869	98.55	166.0	4.458	3.426
Stddev	1.904	1.776	.27	.4	.397	.136
%RSD	35.26	30.26	.2725	.2339	8.914	3.958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.98	41.32	2306.	831.0
Stddev	.51	.05	4.	5.7
%RSD	1.585	.1100	.1852	.6877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5333.3	60666.	9383.4
Stddev	19.5	297.	65.5
%RSD	.36512	.48916	.69752

Sample Name: 460-61340-F-6-A@4 Acquired: 8/17/2013 14:40:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62410.	23.53	2.563	373.3	1.621	7569.
Stddev	52.	.53	.188	.2	.091	53.
%RSD	.0839	2.246	7.349	.0404	5.588	.6992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0034	30.53	90.58	201.5	103500.	7695.
Stddev	.1429	.24	.70	1.4	245.	35.
%RSD	4186.	.7999	.7741	.6847	.2370	.4564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15830.	1020.	310.9	81.53	956.5	.9257
Stddev	66.	2.	6.5	.37	2.5	.8679
%RSD	.4171	.2250	2.086	.4577	.2580	93.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-F-6-A@4 Acquired: 8/17/2013 14:40:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.75	-5.305	122.3	412.9	8.837	2.929
Stddev	1.54	1.330	.5	1.2	.425	.171
%RSD	14.37	25.07	.4159	.2861	4.815	5.833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	35.22	68.28	1788.	958.6
Stddev	.37	.30	4.	9.9
%RSD	1.038	.4436	.2106	1.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5340.6	60640.	9538.6
Stddev	21.1	236.	44.3
%RSD	.39451	.38902	.46482

Sample Name: 460-61340-H-7-A@4 Acquired: 8/17/2013 14:44:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51020.	1.498	2.200	453.6	1.155	11730.
Stddev	120.	1.691	.138	.6	.086	85.
%RSD	.2350	112.9	6.279	.1280	7.453	.7230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3669	66.50	110.8	220.3	103800.	19870.
Stddev	.0887	.17	.6	2.4	716.	56.
%RSD	24.18	.2494	.5184	1.101	.6900	.2801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22670.	1493.	1338.	105.5	122.2	.8777
Stddev	143.	9.	4.	.7	.7	1.959
%RSD	.6307	.5803	.3071	.6959	.5990	223.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-H-7-A@4 Acquired: 8/17/2013 14:44:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.447	-4.747	144.2	222.2	7.934	3.117
Stddev	1.155	1.115	1.2	.6	.493	.246
%RSD	17.91	23.48	.8183	.2684	6.210	7.882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.59	38.82	3410.	934.4
Stddev	.49	.06	4.	11.1
%RSD	1.545	.1473	.1139	1.183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5334.0	60812.	9544.4
Stddev	21.6	175.	35.6
%RSD	.40524	.28822	.37253

Sample Name: 460-61340-A-8-E@4 Acquired: 8/17/2013 14:48:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55170.	79.57	6.131	4701.	2.323	79660.
Stddev	50.	1.95	.388	4.	.065	306.
%RSD	.0898	2.450	6.329	.0888	2.802	.3847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.373	44.88	157.6	665.5	130100.	9517.
Stddev	.252	.23	.6	2.4	251.	6.
%RSD	2.685	.5147	.3739	.3557	.1931	.0634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15390.	1500.	827.6	258.9	F 18180.	3.990
Stddev	46.	3.	2.7	.4	21.	1.592
%RSD	.3015	.2053	.3300	.1364	.1138	39.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Sample Name: 460-61340-A-8-E@4 Acquired: 8/17/2013 14:48:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.43	-5.307	200.0	2375.	13.69	5.729
Stddev	.80	.336	.5	7.	.46	.421
%RSD	3.148	6.338	.2438	.3063	3.367	7.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	197.4	628.5	2298.	1217.
Stddev	1.0	1.1	3.	16.
%RSD	.5132	.1817	.1448	1.339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5255.3	59945.	9567.4
Stddev	17.1	349.	14.0
%RSD	.32598	.58169	.14606

Sample Name: CCV Acquired: 8/17/2013 14:51:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	2471.	1188.	9985.	1006.	122200.
Stddev	392.	6.	2.	3.	2.	337.
%RSD	.3077	.2341	.1357	.0283	.1969	.2757
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1248.	2496.	4808.	12790.	102100.	49490.
Stddev	1.	1.	9.	28.	265.	140.
%RSD	.0566	.0202	.1801	.2170	.2590	.2824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	5013.	129000.	2518.	7472.	951.3
Stddev	268.	11.	689.	1.	8.	.5
%RSD	.2208	.2173	.5341	.0489	.1024	.0532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 14:51:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2411.	2444.	2432.	2471.	996.5	2479.
Stddev	6.	5.	4.	7.	3.0	3.
%RSD	.2513	.2185	.1579	.2805	.3047	.1228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4969.	10060.	9326.
Stddev	1.	57.	26.	114.
%RSD	.0509	1.144	.2567	1.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4998.2	56362.	9135.8
Stddev	30.7	276.	55.6
%RSD	.61454	.48950	.60890

Sample Name: CCB Acquired: 8/17/2013 14:55:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.053	-.5697	1.828	.4244	.1163	47.91
Stddev	16.78	.8598	.258	.0777	.0858	1.21
%RSD	549.7	150.9	14.12	18.30	73.77	2.521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1462	.2246	.2439	2.600	13.02	-3.191
Stddev	.0603	.0803	.0344	.680	4.56	18.70
%RSD	41.26	35.76	14.09	26.17	35.03	586.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9574	.2914	-48.70	-.0579	-.1260	.3460
Stddev	1.076	.1231	19.47	.1603	1.289	1.011
%RSD	112.4	42.24	39.98	276.7	1023.	292.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 14:55:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.675	1.549	-.0252	-1.338	.2297	7.251
Stddev	.936	1.112	.1813	.129	.3112	1.292
%RSD	34.98	71.80	718.7	9.616	135.4	17.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7759	.2271	1.937	-13.96
Stddev	.0799	.1496	.983	12.28
%RSD	10.30	65.89	50.73	87.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5378.2	61016.	9253.9
Stddev	7.0	257.	46.4
%RSD	.13000	.42184	.50137

Sample Name: 460-61340-A-9-B@4 Acquired: 8/17/2013 14:58:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107300.	2.580	3.441	861.5	2.223	9106.
Stddev	83.	.917	.426	1.0	.132	63.
%RSD	.0772	35.54	12.39	.1180	5.928	.6925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.119	109.6	188.9	1131.	F 327800.	53360.
Stddev	.459	.1	1.2	2.	1891.	67.
%RSD	40.97	.1289	.6086	.2082	.5770	.1249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54000.	1233.	2370.	235.6	44.97	.0977
Stddev	426.	5.	8.	.5	.82	1.441
%RSD	.7880	.4202	.3292	.1963	1.833	1475.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-9-B@4 Acquired: 8/17/2013 14:58:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.33	-13.32	322.8	194.5	3.860	7.370
Stddev	2.00	1.83	1.6	1.1	.217	.306
%RSD	10.89	13.75	.4952	.5827	5.625	4.148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.14	34.17	7029.	1160.
Stddev	.51	.36	3.	21.
%RSD	1.503	1.063	.0454	1.772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5247.0	59361.	9559.2
Stddev	21.2	258.	92.9
%RSD	.40497	.43544	.97213

Sample Name: 460-61340-F-10-A@4 Acquired: 8/17/2013 15:02:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65010.	6.786	2.101	1443.	.4510	68330.
Stddev	155.	1.187	.522	4.	.0758	180.
%RSD	.2387	17.48	24.85	.2614	16.81	.2637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3744	75.54	111.8	158.7	123200.	35050.
Stddev	.1313	.50	1.1	1.8	281.	59.
%RSD	35.06	.6553	.9631	1.119	.2282	.1681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43270.	1009.	1380.	159.4	1061.	-.5911
Stddev	106.	2.	7.	.6	1.	1.140
%RSD	.2446	.2115	.5322	.3788	.1160	192.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-F-10-A@4 Acquired: 8/17/2013 15:02:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.166	-4.492	153.8	1282.	8.458	3.710
Stddev	.724	1.300	.8	2.	.452	.262
%RSD	14.01	28.94	.5413	.1799	5.344	7.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	18.54	128.3	4996.	1419.
Stddev	.42	.2	16.	16.
%RSD	2.289	.1416	.3267	1.135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5287.3	59542.	9455.1
Stddev	12.5	205.	37.6
%RSD	.23649	.34427	.39751

Sample Name: 460-61340-H-11-A@4 Acquired: 8/17/2013 15:05:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51840.	7.727	2.216	3037.	1.074	129700.
Stddev	89.	3.011	.360	2.	.054	331.
%RSD	.1724	38.96	16.24	.0635	5.045	.2549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2226	48.56	93.01	103.2	86630.	17340.
Stddev	.0636	.06	1.20	.7	68.	7.
%RSD	28.59	.1322	1.291	.6690	.0790	.0418
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32240.	1101.	880.9	115.7	2596.	-.1706
Stddev	68.	1.	3.7	.2	4.	.7187
%RSD	.2119	.1125	.4244	.1936	.1421	421.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-H-11-A@4 Acquired: 8/17/2013 15:05:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.851	-2.791	127.2	1660.	8.674	3.305
Stddev	1.609	.334	.4	4.	.435	.117
%RSD	56.42	11.97	.2932	.2686	5.014	3.549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.08	227.6	3191.	1301.
Stddev	.51	.5	4.	14.
%RSD	4.255	.1988	.1216	1.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5248.2	59187.	9438.9
Stddev	11.7	95.	29.5
%RSD	.22302	.16038	.31287

Sample Name: 460-61340-A-12-E@4 Acquired: 8/17/2013 15:09:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61910.	16.58	2.878	5816.	1.784	25760.
Stddev	621.	1.60	.417	61.	.080	407.
%RSD	1.003	9.636	14.50	1.056	4.487	1.579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.320	71.44	108.6	298.9	107700.	19320.
Stddev	.131	.75	1.6	5.2	1643.	225.
%RSD	9.951	1.052	1.431	1.742	1.526	1.166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25670.	1706.	908.3	132.9	4651.	-1.553
Stddev	396.	25.	10.1	1.7	44.	1.165
%RSD	1.543	1.459	1.114	1.245	.9508	75.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-12-E@4 Acquired: 8/17/2013 15:09:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.429	-4.523	152.3	2890.	11.75	5.843
Stddev	1.585	.631	2.0	34.	.44	.189
%RSD	24.65	13.95	1.322	1.163	3.725	3.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	16.50	204.9	3533.	1270.
Stddev	.52	1.9	38.	12.
%RSD	3.172	.9144	1.076	.9110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5396.2	60814.	9579.9
Stddev	9.1	171.	47.2
%RSD	.16834	.28162	.49305

Sample Name: 460-61340-A-13-B@4 Acquired: 8/17/2013 15:13:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50180.	-1.538	2.802	362.4	.5116	9181.
Stddev	130.	1.955	.407	.5	.0808	30.
%RSD	.2599	127.1	14.52	.1460	15.79	.3295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6069	60.82	70.39	78.63	90130.	22640.
Stddev	.0966	.08	.25	1.11	148.	65.
%RSD	15.92	.1332	.3499	1.410	.1636	.2880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27660.	1433.	760.5	140.4	37.81	.8082
Stddev	46.	2.	3.2	.3	1.02	.8008
%RSD	.1657	.1325	.4208	.2366	2.697	99.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-13-B@4 Acquired: 8/17/2013 15:13:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.070	-3.568	94.14	293.2	1.863	2.010
Stddev	1.543	.303	.46	.5	.641	.171
%RSD	37.92	8.498	.4896	.1618	34.40	8.517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.145	50.11	3892.	869.8
Stddev	.022	.23	10.	19.1
%RSD	.2673	.4663	.2566	2.194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5398.2	60786.	9483.4
Stddev	12.9	46.	33.7
%RSD	.23916	.07617	.35534

Sample Name: 460-60868-D-5-A@4 Acquired: 8/17/2013 15:16:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30250.	19.84	1.837	153.7	.4651	2494.
Stddev	74.	.95	.123	.2	.0447	4.
%RSD	.2453	4.789	6.700	.1620	9.612	.1521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4233	2.704	35.05	25.56	29670.	914.6
Stddev	.0961	.132	.23	.84	32.	25.4
%RSD	22.70	4.884	.6625	3.304	.1088	2.781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1406.	121.4	59.30	13.99	448.5	.9979
Stddev	5.	.1	2.10	.62	1.2	1.281
%RSD	.3667	.0954	3.537	4.466	.2739	128.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60868-D-5-A@4 Acquired: 8/17/2013 15:16:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.787	-.2231	54.83	292.2	7.099	1.601
Stddev	1.980	.5492	.25	.3	.062	.336
%RSD	110.8	246.1	.4585	.0877	.8751	20.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.72	16.23	547.9	1176.
Stddev	.21	.02	1.1	11.
%RSD	1.414	.1087	.1997	.9608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5367.7	60799.	9355.2
Stddev	11.6	169.	44.4
%RSD	.21593	.27857	.47476

Sample Name: 460-61017-E-10-B@4 Acquired: 8/17/2013 15:20:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	145500.	20.09	2.094	422.9	2.679	2706.
Stddev	248.	1.56	.479	.6	.060	16.
%RSD	.1701	7.748	22.90	.1412	2.258	.6003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.257	34.70	121.7	65.21	123700.	4145.
Stddev	.057	.15	.6	.56	357.	35.
%RSD	4.525	.4326	.5201	.8543	.2889	.8396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7351.	994.2	228.4	78.18	54.32	.2936
Stddev	23.	2.6	2.3	.42	.60	1.112
%RSD	.3158	.2614	1.021	.5374	1.104	378.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61017-E-10-B@4 Acquired: 8/17/2013 15:20:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.863	-5.121	198.0	266.8	8.350	3.651
Stddev	.414	.515	.4	.5	.511	.077
%RSD	7.070	10.06	.2121	.1848	6.116	2.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.038	23.40	2694.	1195.
Stddev	.521	.05	4.	16.
%RSD	5.761	.2211	.1305	1.376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5460.4	60677.	9605.5
Stddev	8.0	58.	94.0
%RSD	.14571	.09574	.97911

Sample Name: 460-61073-E-1-M@4 Acquired: 8/17/2013 15:23:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159600.	19.78	1.421	368.2	4.394	3686.
Stddev	159.	.73	.315	.5	.023	10.
%RSD	.0996	3.703	22.20	.1285	.5154	.2679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.051	37.82	112.4	81.18	F 209300.	4212.
Stddev	.130	.07	1.4	.33	364.	2.
%RSD	12.33	.1948	1.202	.4049	.1741	.0553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8029.	1093.	121.8	58.39	75.44	-1.750
Stddev	24.	1.	7.5	.38	1.39	1.457
%RSD	.2947	.1298	6.176	.6446	1.840	83.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-1-M@4 Acquired: 8/17/2013 15:23:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.256	-11.37	252.8	179.8	2.633	7.054
Stddev	1.879	.91	.3	.3	.263	.065
%RSD	22.76	8.013	.1174	.1615	9.993	.9190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.91	17.87	3224.	1304.
Stddev	.63	.12	6.	9.
%RSD	4.849	.6764	.1863	.6876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5805.0	64499.	10253.
Stddev	12.7	209.	46.
%RSD	.21925	.32350	.45218

Sample Name: 460-61073-A-24-A@4 Acquired: 8/17/2013 15:27:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163400.	20.48	1.361	469.1	4.051	8464.
Stddev	109.	1.47	.475	.6	.112	15.
%RSD	.0670	7.179	34.94	.1361	2.755	.1806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6533	42.66	94.46	101.1	195300.	3938.
Stddev	.0645	.29	.09	.8	215.	23.
%RSD	9.877	.6774	.0969	.7995	.1099	.5833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8840.	1857.	237.3	59.58	133.9	-2.251
Stddev	19.	2.	2.9	.72	1.1	1.568
%RSD	.2124	.1068	1.218	1.210	.8183	69.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-24-A@4 Acquired: 8/17/2013 15:27:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.615	-9.724	195.3	302.1	4.673	7.680
Stddev	1.172	.276	.4	.3	.116	.237
%RSD	13.60	2.835	.1807	.0882	2.471	3.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.64	32.36	3149.	1239.
Stddev	.59	.11	2.	17.
%RSD	4.638	.3383	.0776	1.344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5924.8	65912.	10435.
Stddev	8.1	182.	105.
%RSD	.13614	.27644	1.0055

Sample Name: 460-61073-A-25-A@4 Acquired: 8/17/2013 15:31:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	112700.	15.09	2.419	403.8	3.949	7532.
Stddev	93.	1.10	.406	.6	.045	24.
%RSD	.0821	7.274	16.79	.1561	1.144	.3134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4473	39.21	82.09	87.65	164000.	4793.
Stddev	.1377	.16	.73	2.42	350.	7.
%RSD	30.77	.3977	.8941	2.763	.2133	.1360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10640.	1473.	299.1	56.98	73.91	-2.015
Stddev	31.	3.	3.4	.19	1.79	.989
%RSD	.2909	.1918	1.141	.3297	2.420	49.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-25-A@4 Acquired: 8/17/2013 15:31:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.404	-8.607	172.3	235.7	2.581	4.608
Stddev	1.119	1.154	.6	.6	.668	.021
%RSD	17.47	13.41	.3531	.2440	25.87	.4557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.79	39.45	2849.	1077.
Stddev	.39	.11	1.	6.
%RSD	2.810	.2850	.0342	.5563
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5974.9	66843.	10621.
Stddev	6.2	274.	41.
%RSD	.10422	.40952	.38718

Sample Name: CCV Acquired: 8/17/2013 15:34:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	2463.	1188.	9972.	1003.	121000.
Stddev	42.	2.	.	1.	1.	224.
%RSD	.0333	.0701	.0276	.0100	.0718	.1850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1245.	2495.	4781.	12780.	101600.	49550.
Stddev	1.	1.	2.	21.	170.	65.
%RSD	.0809	.0569	.0455	.1665	.1668	.1320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120400.	4977.	129300.	2514.	7453.	958.8
Stddev	206.	5.	513.	3.	9.	2.3
%RSD	.1708	.1084	.3970	.1369	.1158	.2385
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 15:34:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2418.	2452.	2423.	2451.	1002.	2477.
Stddev	9.	6.	1.	3.	1.	5.
%RSD	.3905	.2606	.0240	.1291	.1265	.2061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.5	4978.	10050.	9299.
Stddev	1.0	6.	7.	61.
%RSD	.0978	.1141	.0648	.6554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4963.0	56117.	9137.7
Stddev	2.9	85.	24.8
%RSD	.05800	.15190	.27120

Sample Name: CCB Acquired: 8/17/2013 15:38:14 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.911	-.9879	1.851	.3224	.0598	46.31
Stddev	6.669	1.225	.286	.3949	.1247	2.87
%RSD	74.84	124.0	15.47	122.5	208.6	6.195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0822	.1956	-.0264	2.198	17.75	11.91
Stddev	.1264	.1506	.3566	.669	10.45	18.94
%RSD	153.7	77.01	1349.	30.45	58.83	159.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.051	.2945	-40.52	-.0044	-1.051	1.078
Stddev	5.135	.1932	11.91	.1668	.784	.954
%RSD	250.3	65.58	29.40	3805.	74.53	88.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 15:38:14 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.177	1.659	-.0368	-1.489	.1689	6.762
Stddev	.355	.823	.2142	.145	.1905	1.169
%RSD	16.33	49.64	582.0	9.729	112.8	17.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9638	.2248	1.100	-8.024
Stddev	.1574	.1475	.477	14.94
%RSD	16.33	65.61	43.39	186.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5389.2	61512.	9391.0
Stddev	12.4	83.	48.7
%RSD	.23056	.13432	.51876

Sample Name: 460-61073-A-26-A@4 Acquired: 8/17/2013 15:42:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116900.	18.58	1.405	335.2	3.740	3144.
Stddev	234.	1.66	.487	.5	.129	13.
%RSD	.2003	8.939	34.63	.1487	3.439	.4131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6605	47.34	103.5	89.56	147000.	2249.
Stddev	.0888	.10	.9	.61	513.	7.
%RSD	13.44	.2027	.8403	.6832	.3492	.3166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10790.	952.1	104.9	76.55	47.50	-.9414
Stddev	45.	2.7	2.9	.24	1.97	2.967
%RSD	.4194	.2829	2.761	.3176	4.138	315.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-26-A@4 Acquired: 8/17/2013 15:42:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.317	-6.917	217.3	206.7	5.113	4.170
Stddev	1.312	2.791	.5	.6	.385	.099
%RSD	14.08	40.34	.2376	.3115	7.526	2.379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.45	21.24	2925.	1136.
Stddev	.33	.09	1.	8.
%RSD	2.897	.4202	.0431	.6607
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5707.1	64083.	10154.
Stddev	5.2	124.	28.
%RSD	.09176	.19415	.27961

Sample Name: MB 460-176603/1-A@2 Acquired: 8/17/2013 15:45:34 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.867	-1.309	1.861	.0117	-.0185	42.91
Stddev	13.68	1.339	.501	.0947	.0989	7.74
%RSD	154.3	102.3	26.91	806.7	535.4	18.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1002	-.0299	.1746	.8068	14.95	-29.73
Stddev	.0545	.1925	.2737	1.270	2.74	6.34
%RSD	54.39	644.6	156.8	157.4	18.34	21.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.720	.0492	-67.53	-.5664	-.7493	-.2643
Stddev	3.751	.0355	3.37	.4063	1.682	1.372
%RSD	137.9	72.06	4.986	71.73	224.4	519.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176603/1-A@2 Acquired: 8/17/2013 15:45:34 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2913	1.185	-.2839	-1.513	-.5112	-.0295
Stddev	1.847	.314	.1861	.126	.2451	.0808
%RSD	634.0	26.53	65.54	8.294	47.94	274.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1767	.0043	-.1935	-19.21
Stddev	.3664	.0443	.8774	9.23
%RSD	207.4	1037.	453.4	48.06
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5351.3	60981.	9317.7
Stddev	3.6	168.	64.5
%RSD	.06747	.27482	.69191

Sample Name: LCSSRM 460-176603/2- Acquired: 8/17/2013 15:49:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49110.	815.5	201.0	1105.	554.9	34210.
Stddev	24.	1.2	1.3	1.	.2	76.
%RSD	.0481	.1450	.6630	.0933	.0330	.2229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	520.7	688.5	581.9	610.8	67900.	15440.
Stddev	.1	1.0	1.0	1.8	48.	4.
%RSD	.0276	.1422	.1738	.2975	.0710	.0242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13550.	1788.	1693.	373.4	399.1	265.8
Stddev	34.	2.	3.	1.0	1.7	2.9
%RSD	.2491	.1311	.1624	.2737	.4272	1.100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176603/2- Acquired: 8/17/2013 15:49:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	607.8	1092.	423.3	1417.	410.0	297.6
Stddev	2.7	3.	.4	4.	.9	.4
%RSD	.4407	.2495	.0898	.2759	.2177	.1229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	723.7	673.3	1215.	890.0
Stddev	1.2	.2	2.	10.5
%RSD	.1721	.0357	.1648	1.185
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.4	61111.	9682.7
Stddev	7.0	84.	38.8
%RSD	.12914	.13747	.40076

Sample Name: 460-61073-E-3-J DU@4 Acquired: 8/17/2013 15:52:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96330.	16.77	6.131	288.8	3.828	4821.
Stddev	38.	.08	.107	.4	.048	9.
%RSD	.0390	.4573	1.749	.1431	1.246	.1945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.81	32.65	84.49	81.10	168100.	2869.
Stddev	.15	.25	.39	1.43	312.	28.
%RSD	1.293	.7707	.4573	1.767	.1855	.9791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7161.	1577.	95.64	78.43	94.22	-1.704
Stddev	23.	3.	4.38	.36	.58	1.409
%RSD	.3201	.1876	4.580	.4634	.6164	82.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-J DU@4 Acquired: 8/17/2013 15:52:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.437	-7.295	141.0	226.7	5.740	4.668
Stddev	1.215	.413	.3	.3	.321	.224
%RSD	12.88	5.660	.1890	.1192	5.592	4.807
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.533	26.11	1897.	871.0
Stddev	.530	.15	1.	16.6
%RSD	6.206	.5714	.0464	1.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6108.3	68602.	10884.
Stddev	10.7	73.	11.
%RSD	.17446	.10667	.10488

Sample Name: 460-61073-E-3-I@4 Acquired: 8/17/2013 15:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96420.	15.27	6.421	288.9	3.795	4829.
Stddev	132.	1.63	.289	.5	.051	22.
%RSD	.1365	10.66	4.499	.1762	1.352	.4462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.97	32.79	83.94	81.98	168300.	2869.
Stddev	.14	.23	.21	1.10	732.	17.
%RSD	1.181	.6998	.2549	1.347	.4351	.5978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7186.	1579.	96.25	78.66	93.72	.3884
Stddev	43.	6.	4.98	.27	.97	1.787
%RSD	.5939	.3732	5.170	.3452	1.036	460.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-I@4 Acquired: 8/17/2013 15:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.422	-7.734	141.4	226.5	5.182	4.310
Stddev	.859	.932	.6	.4	.334	.295
%RSD	10.20	12.06	.4236	.1981	6.448	6.837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.636	26.02	1896.	863.8
Stddev	.212	.19	4.	13.3
%RSD	2.782	.7147	.1945	1.542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6106.0	68613.	10844.
Stddev	6.8	293.	18.
%RSD	.11067	.42731	.16281

Sample Name: sd 460-61073-E-3-I@2 Acquired: 8/17/2013 15:59:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21090.	3.518	2.606	63.19	.8763	1099.
Stddev	56.	.877	.199	.06	.0767	2.
%RSD	.2659	24.94	7.644	.0983	8.757	.2148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.472	7.485	18.54	19.96	37260.	609.6
Stddev	.052	.099	.73	3.05	42.	3.4
%RSD	2.106	1.318	3.941	15.29	.1128	.5636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1626.	349.4	-33.78	17.26	20.98	-.6869
Stddev	4.	.4	6.30	.19	.71	.9516
%RSD	.2700	.1084	18.67	1.125	3.389	138.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61073-E-3-I@2 Acquired: 8/17/2013 15:59:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6000	-.7895	30.66	48.92	.7156	.6509
Stddev	1.722	.7923	.12	.26	.2886	.2909
%RSD	287.0	100.4	.4042	.5356	40.34	44.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.130	5.570	414.6	163.0
Stddev	.251	.031	1.3	9.7
%RSD	11.76	.5617	.3215	5.944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5562.8	62844.	9719.9
Stddev	6.4	31.	39.7
%RSD	.11540	.04991	.40839

Sample Name: 460-61073-E-3-K MS@4 Acquired: 8/17/2013 16:03:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107800.	825.3	22.30	1188.	26.09	13560.
Stddev	580.	1.2	1.35	4.	.13	77.
%RSD	.5377	.1394	6.037	.3111	.4959	.5715
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.62	258.2	176.8	197.6	180300.	11660.
Stddev	.23	1.1	.8	1.4	877.	56.
%RSD	.7623	.4358	.4677	.7306	.4864	.4845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15390.	2114.	9010.	279.3	346.1	72.00
Stddev	96.	11.	54.	.5	1.4	1.27
%RSD	.6258	.4983	.5963	.1796	.4151	1.761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-K MS@4 Acquired: 8/17/2013 16:03:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	794.3	851.3	397.0	432.7	206.2	204.8
Stddev	1.7	1.9	2.4	.8	1.3	1.0
%RSD	.2078	.2187	.5994	.1785	.6506	.4660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	204.5	238.4	2253.	941.8
Stddev	1.5	1.2	11.	9.8
%RSD	.7526	.5168	.4968	1.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6053.7	67954.	10825.
Stddev	27.5	328.	53.
%RSD	.45402	.48280	.49284

Sample Name: pds 460-61073-E-3-I@ Acquired: 8/17/2013 16:06:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96700.	1624.	43.71	2003.	46.73	21330.
Stddev	159.	4.	.47	2.	.12	56.
%RSD	.1645	.2434	1.082	.0825	.2495	.2645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.82	455.0	243.8	294.4	165500.	19330.
Stddev	.12	.2	.4	1.2	312.	45.
%RSD	.2321	.0427	.1841	.3963	.1885	.2342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22940.	1972.	17590.	508.8	513.2	382.2
Stddev	53.	3.	10.	.9	3.0	2.4
%RSD	.2320	.1387	.0556	.1679	.5933	.6247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61073-E-3-I@ Acquired: 8/17/2013 16:06:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1576.	1679.	541.2	636.9	412.7	413.3
Stddev	9.	4.	1.3	1.1	.4	1.6
%RSD	.5471	.2279	.2484	.1671	.0984	.3763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	434.7	436.3	2290.	892.3
Stddev	1.4	.2	4.	4.9
%RSD	.3297	.0534	.1840	.5510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5999.0	67356.	10747.
Stddev	12.3	276.	47.
%RSD	.20434	.40994	.44137

Sample Name: 460-61073-E-2-G@4 Acquired: 8/17/2013 16:10:12 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82470.	13.80	2.189	242.5	3.595	3312.
Stddev	242.	.43	.516	.4	.037	29.
%RSD	.2933	3.103	23.59	.1794	1.022	.8661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2531	29.57	61.50	65.49	144200.	2391.
Stddev	.2029	.29	.37	1.96	775.	3.
%RSD	80.17	.9843	.5952	2.985	.5371	.1257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6177.	1172.	52.21	42.77	59.00	1.041
Stddev	46.	6.	2.27	.54	.37	1.366
%RSD	.7491	.4717	4.343	1.258	.6210	131.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-2-G@4 Acquired: 8/17/2013 16:10:12 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.835	-5.989	123.2	157.4	3.956	4.119
Stddev	1.721	.669	.8	.4	.328	.427
%RSD	25.18	11.17	.6304	.2499	8.301	10.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.47	15.71	1622.	781.4
Stddev	.91	.07	5.	2.6
%RSD	6.745	.4355	.2903	.3372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6010.1	67816.	10692.
Stddev	28.3	51.	39.
%RSD	.47072	.07523	.36373

Sample Name: 460-61073-E-4-G@4 Acquired: 8/17/2013 16:13:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	86980.	15.95	2.212	270.3	3.925	3850.
Stddev	47.	.45	.205	.3	.129	5.
%RSD	.0539	2.803	9.289	.1196	3.276	.1249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5531	32.49	71.47	70.93	169500.	2412.
Stddev	.1021	.09	.33	1.09	220.	14.
%RSD	18.47	.2650	.4628	1.536	.1300	.5928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6637.	1735.	49.88	47.11	74.47	-1.149
Stddev	19.	2.	.86	.27	1.01	.258
%RSD	.2912	.0989	1.729	.5665	1.356	22.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-4-G@4 Acquired: 8/17/2013 16:13:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.512	-7.378	149.0	184.0	2.100	3.653
Stddev	1.262	.478	.1	.3	.227	.174
%RSD	19.39	6.475	.0635	.1758	10.83	4.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.16	14.58	1579.	789.9
Stddev	.35	.02	2.	17.2
%RSD	2.693	.1153	.1161	2.180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6184.0	69971.	11007.
Stddev	21.0	260.	29.
%RSD	.33885	.37175	.26556

Sample Name: CCV Acquired: 8/17/2013 16:17:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2450.	1182.	9924.	997.0	120800.
Stddev	203.	3.	1.	10.	2.6	219.
%RSD	.1603	.1121	.1043	.1016	.2607	.1813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1240.	2483.	4764.	12690.	101200.	49370.
Stddev	2.	4.	4.	28.	182.	80.
%RSD	.1360	.1659	.0943	.2175	.1794	.1612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120100.	4955.	128800.	2501.	7419.	948.5
Stddev	152.	5.	596.	4.	9.	3.9
%RSD	.1267	.0994	.4626	.1463	.1169	.4111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 16:17:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2406.	2441.	2411.	2449.	994.0	2464.
Stddev	8.	4.	2.	4.	1.6	2.
%RSD	.3215	.1823	.0816	.1690	.1646	.0661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.1	4926.	9985.	9188.
Stddev	1.5	64.	12.	68.
%RSD	.1494	1.304	.1211	.7452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4985.6	56319.	9086.6
Stddev	17.0	93.	35.3
%RSD	.34073	.16509	.38819

Sample Name: CCB Acquired: 8/17/2013 16:20:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.53	-1.320	2.065	.4798	.1127	48.05
Stddev	11.96	.447	.168	.4046	.1141	5.58
%RSD	77.06	33.86	8.154	84.33	101.2	11.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0043	.4256	.4600	.7009	17.03	7.997
Stddev	.0440	.2369	.2154	1.615	3.59	20.31
%RSD	1029.	55.68	46.82	230.4	21.06	254.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.867	.2775	-43.06	-.0299	-1.119	1.557
Stddev	6.359	.2533	13.36	.3016	.402	.629
%RSD	164.4	91.26	31.04	1008.	35.95	40.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 16:20:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.795	2.450	.0658	-1.384	.1604	6.878
Stddev	1.454	.391	.3180	.125	.5889	1.081
%RSD	81.04	15.94	483.2	9.026	367.2	15.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5590	.2618	2.394	-11.70
Stddev	.1076	.2180	.940	7.49
%RSD	19.25	83.28	39.25	64.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5348.1	60969.	9283.8
Stddev	19.0	115.	41.0
%RSD	.35458	.18797	.44205

Sample Name: 460-61073-A-5-F@41 Acquired: 8/17/2013 16:24:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83660.	13.06	1.660	249.3	3.530	5353.
Stddev	136.	1.24	.413	.6	.077	29.
%RSD	.1623	9.468	24.92	.2558	2.186	.5393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0593	30.57	62.12	67.38	148800.	2280.
Stddev	.1600	.27	.16	2.33	421.	8.
%RSD	269.7	.8905	.2500	3.458	.2831	.3603
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8295.	1391.	66.67	46.12	60.11	-.7826
Stddev	38.	3.	4.34	.51	.94	.2409
%RSD	.4533	.2198	6.516	1.100	1.556	30.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-5-F@41 Acquired: 8/17/2013 16:24:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.512	-5.928	130.2	161.9	3.371	4.106
Stddev	.780	1.012	.3	.3	.108	.084
%RSD	10.38	17.07	.2010	.1962	3.192	2.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.81	19.25	1667.	748.1
Stddev	.74	.15	7.	12.2
%RSD	5.779	.7996	.4211	1.631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6042.8	68139.	10768.
Stddev	16.9	194.	87.
%RSD	.28034	.28461	.80339

Sample Name: 460-61073-A-11-A@4 Acquired: 8/17/2013 16:46:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107300.	13.13	2.593	309.2	5.027	2343.
Stddev	154.	1.19	.537	.7	.020	8.
%RSD	.1436	9.046	20.71	.2102	.3905	.3211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6331	45.35	69.97	83.23	F 208200.	3353.
Stddev	.1925	.30	.30	.17	182.	21.
%RSD	30.41	.6627	.4346	.2042	.0874	.6159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7331.	1399.	73.86	54.36	36.91	.0259
Stddev	16.	1.	11.09	.28	.83	1.725
%RSD	.2196	.0987	15.02	.5185	2.253	6653.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-11-A@4 Acquired: 8/17/2013 16:46:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.29	-11.11	150.9	156.5	3.153	4.675
Stddev	.25	.43	.5	.2	.558	.192
%RSD	2.192	3.872	.3568	.1412	17.70	4.115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	19.72	8.759	2247.	1155.
Stddev	.48	.044	2.	18.
%RSD	2.410	.4995	.0770	1.571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5847.2	66230.	10438.
Stddev	22.1	491.	40.
%RSD	.37760	.74112	.38776

Sample Name: 460-61073-E-6-G@4 Acquired: 8/17/2013 16:28:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82240.	12.36	1.580	250.3	3.634	4779.
Stddev	161.	1.53	.006	.2	.032	26.
%RSD	.1958	12.41	.3620	.0696	.8815	.5363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0442	27.09	63.20	62.40	137100.	2156.
Stddev	.1718	.06	.25	2.24	376.	4.
%RSD	388.3	.2281	.3968	3.591	.2746	.1813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5856.	1283.	71.27	42.51	62.94	1.000
Stddev	31.	3.	.95	.51	1.87	.645
%RSD	.5255	.2516	1.331	1.195	2.970	64.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-6-G@4 Acquired: 8/17/2013 16:28:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.824	-7.080	126.4	156.3	4.476	3.625
Stddev	1.077	1.225	.3	.4	.222	.300
%RSD	15.78	17.30	.2124	.2351	4.969	8.288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.44	27.35	1555.	854.4
Stddev	.73	.14	2.	13.8
%RSD	2.852	.5046	.1600	1.617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6020.6	68310.	10736.
Stddev	43.3	824.	54.
%RSD	.71909	1.2056	.49920

Sample Name: 460-61073-E-7-G@4 Acquired: 8/17/2013 16:31:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	171000.	9.567	1.649	486.1	6.267	44940.
Stddev	241.	1.472	.226	.4	.026	216.
%RSD	.1411	15.38	13.71	.0829	.4192	.4803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6607	77.80	152.4	151.3	162400.	10850.
Stddev	.2096	.14	1.8	.8	468.	30.
%RSD	31.72	.1776	1.191	.4991	.2881	.2771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41740.	1190.	327.8	81.73	28.16	-1.002
Stddev	217.	3.	4.8	.39	.58	.732
%RSD	.5186	.2684	1.450	.4737	2.053	73.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-7-G@4 Acquired: 8/17/2013 16:31:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.467	-9.757	270.4	116.4	4.195	4.615
Stddev	.684	1.163	1.5	.5	.429	.116
%RSD	9.166	11.92	.5487	.4530	10.23	2.515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.39	58.29	4342.	845.7
Stddev	.07	.17	10.	13.5
%RSD	.3331	.2943	.2399	1.596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5756.7	64585.	10376.
Stddev	29.4	299.	75.
%RSD	.50995	.46329	.72317

Sample Name: 460-61073-E-8-G@4 Acquired: 8/17/2013 16:35:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84720.	20.46	1.978	310.4	3.301	4540.
Stddev	34.	.64	.217	.3	.088	30.
%RSD	.0402	3.132	10.98	.0932	2.671	.6544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1236	27.58	81.36	68.65	125400.	2251.
Stddev	.0414	.34	1.09	.40	506.	6.
%RSD	33.50	1.223	1.334	.5860	.4037	.2499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6362.	1689.	80.37	46.84	152.0	-.5300
Stddev	43.	5.	1.42	.45	.3	.2468
%RSD	.6682	.3177	1.769	.9607	.1890	46.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-8-G@4 Acquired: 8/17/2013 16:35:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.031	-6.695	125.2	245.8	3.763	4.011
Stddev	.817	1.179	.6	.6	.241	.147
%RSD	11.61	17.62	.4525	.2598	6.404	3.658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.72	23.69	1742.	800.5
Stddev	.20	.09	3.	14.2
%RSD	.6435	.3896	.1624	1.773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6179.2	69725.	10998.
Stddev	29.1	296.	34.
%RSD	.47053	.42476	.31338

Sample Name: 460-61073-E-9-G@4 Acquired: 8/17/2013 16:39:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	100300.	19.60	1.587	387.2	3.201	5341.
Stddev	203.	2.51	.307	.5	.040	18.
%RSD	.2020	12.79	19.34	.1409	1.252	.3301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2242	25.82	79.43	60.80	116300.	2649.
Stddev	.1681	.33	.17	1.28	354.	19.
%RSD	74.98	1.260	.2119	2.110	.3040	.7119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7251.	1369.	111.0	46.57	143.8	-.1509
Stddev	26.	3.	3.7	.55	.3	.4805
%RSD	.3543	.2088	3.333	1.172	.2034	318.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-9-G@4 Acquired: 8/17/2013 16:39:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.814	-6.297	136.9	256.3	6.680	5.570
Stddev	3.042	.858	.4	.9	.390	.267
%RSD	52.33	13.63	.3154	.3385	5.843	4.797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.51	35.54	2411.	744.8
Stddev	.33	.19	4.	9.5
%RSD	1.538	.5370	.1552	1.282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6063.8	68430.	10821.
Stddev	24.1	480.	68.
%RSD	.39677	.70210	.63216

Sample Name: 460-61073-A-10-A@4 Acquired: 8/17/2013 16:42:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	117600.	13.48	2.018	295.6	3.093	3236.
Stddev	349.	3.25	.567	.9	.052	19.
%RSD	.2966	24.11	28.11	.2902	1.670	.5805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4850	27.91	80.44	84.65	143500.	3404.
Stddev	.1586	.10	.22	1.14	541.	23.
%RSD	32.71	.3418	.2691	1.351	.3773	.6800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6232.	966.8	129.0	45.75	122.4	-.5284
Stddev	36.	3.0	6.7	.16	.9	1.726
%RSD	.5794	.3141	5.186	.3527	.6958	326.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-10-A@4 Acquired: 8/17/2013 16:42:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.045	-7.692	163.8	221.8	5.152	5.472
Stddev	1.774	1.216	1.0	.5	.507	.161
%RSD	25.18	15.80	.6152	.2253	9.849	2.939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	44.16	15.76	2562.	859.6
Stddev	.49	.03	4.	13.4
%RSD	1.099	.1851	.1703	1.560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5725.7	64534.	10149.
Stddev	20.8	307.	30.
%RSD	.36313	.47498	.29622

Sample Name: 460-61073-A-12-A@4 Acquired: 8/17/2013 16:49:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163600.	9.121	2.736	496.2	6.741	9789.
Stddev	240.	.703	.349	.8	.061	26.
%RSD	.1465	7.705	12.75	.1636	.9110	.2702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8082	79.95	117.7	165.4	177700.	15110.
Stddev	.0737	.30	.4	.7	179.	37.
%RSD	9.114	.3771	.3758	.4311	.1010	.2421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31630.	915.1	247.4	77.67	25.25	-.4898
Stddev	31.	1.1	2.3	.25	.73	1.016
%RSD	.0992	.1217	.9255	.3234	2.889	207.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-12-A@4 Acquired: 8/17/2013 16:49:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.559	-8.596	180.4	134.6	3.214	3.352
Stddev	1.845	1.154	.4	.2	.565	.183
%RSD	33.20	13.43	.2459	.1472	17.57	5.443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.53	37.37	5092.	811.5
Stddev	.44	.12	1.	5.7
%RSD	2.058	.3242	.0291	.7048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6048.7	67803.	10826.
Stddev	23.6	582.	26.
%RSD	.39005	.85837	.23992

Sample Name: 460-61073-A-13-A@4 Acquired: 8/17/2013 16:53:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	111600.	15.42	2.460	375.8	4.006	4921.
Stddev	55.	.75	.481	.4	.028	13.
%RSD	.0493	4.858	19.56	.1176	.6928	.2566
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.932	45.83	97.30	79.54	183400.	3810.
Stddev	.178	.22	.33	1.51	313.	13.
%RSD	3.010	.4827	.3389	1.903	.1704	.3394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8131.	2679.	108.9	53.78	70.53	.8025
Stddev	18.	3.	4.7	.43	1.61	1.142
%RSD	.2245	.1151	4.288	.7942	2.284	142.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-13-A@4 Acquired: 8/17/2013 16:53:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.231	-11.01	159.1	191.5	4.773	4.353
Stddev	1.738	1.20	.4	.5	.374	.165
%RSD	21.11	10.93	.2296	.2452	7.837	3.797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.348	36.07	2343.	1060.
Stddev	.073	.13	3.	16.
%RSD	.9969	.3506	.1203	1.555
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5996.7	66999.	10505.
Stddev	23.2	237.	70.
%RSD	.38608	.35412	.66724

Sample Name: 460-61073-A-14-A@4 Acquired: 8/17/2013 16:56:56 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	114200.	17.96	2.043	302.2	4.465	5281.
Stddev	177.	.26	.209	.5	.071	6.
%RSD	.1547	1.453	10.24	.1515	1.584	.1187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.277	46.33	76.54	105.5	185900.	3025.
Stddev	.084	.19	.55	1.4	177.	13.
%RSD	6.565	.4093	.7240	1.320	.0954	.4332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8778.	1955.	100.3	62.58	50.18	-1.142
Stddev	9.	.	6.1	.49	.16	.268
%RSD	.0995	.0158	6.096	.7784	.3137	23.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-14-A@4 Acquired: 8/17/2013 16:56:56 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.042	-9.282	163.6	177.6	2.950	4.248
Stddev	3.069	.248	.2	.4	.319	.240
%RSD	38.16	2.675	.1060	.2368	10.82	5.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.655	29.06	2086.	939.0
Stddev	.976	.03	4.	7.1
%RSD	12.75	.0902	.1712	.7552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5936.6	66223.	10355.
Stddev	10.4	219.	20.
%RSD	.17551	.33071	.19795

Sample Name: CCV Acquired: 8/17/2013 17:00:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2457.	1186.	9915.	990.8	121200.
Stddev	245.	5.	1.	12.	3.0	210.
%RSD	.1941	.2061	.0623	.1226	.3014	.1733
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2484.	4773.	12620.	101200.	49400.
Stddev	.	1.	9.	26.	171.	71.
%RSD	.0248	.0349	.1858	.2045	.1688	.1438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	4950.	128800.	2507.	7448.	948.1
Stddev	252.	11.	691.	2.	5.	3.6
%RSD	.2087	.2276	.5366	.0608	.0661	.3749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 17:00:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2409.	2442.	2411.	2458.	994.7	2454.
Stddev	1.	10.	1.	2.	1.1	7.
%RSD	.0412	.4235	.0543	.0820	.1057	.2664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.6	4989.	9947.	9102.
Stddev	1.0	24.	20.	40.
%RSD	.1025	.4744	.2029	.4353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5016.6	56603.	9077.9
Stddev	11.1	98.	4.1
%RSD	.22153	.17398	.04468

Sample Name: CCB Acquired: 8/17/2013 17:04:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.29	-.8673	1.910	.4865	.0269	45.21
Stddev	5.87	.8999	.626	.1918	.0412	4.71
%RSD	51.95	103.8	32.78	39.44	153.5	10.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0019	.3387	.0324	1.308	8.832	-.3030
Stddev	.0338	.1966	.2916	1.268	3.522	20.85
%RSD	1795.	58.04	901.1	96.95	39.88	6881.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.661	.2774	-42.70	-.4894	.1641	1.266
Stddev	2.095	.0539	12.51	.4854	.6026	.319
%RSD	126.1	19.44	29.29	99.19	367.3	25.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 17:04:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9475	1.694	.0542	-1.299	-.1371	8.142
Stddev	2.267	.289	.4379	.230	.3612	1.447
%RSD	239.3	17.04	807.2	17.73	263.5	17.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9683	.1464	2.691	-18.82
Stddev	.3882	.0920	1.155	16.17
%RSD	40.09	62.86	42.92	85.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5380.8	61206.	9241.8
Stddev	4.9	130.	23.3
%RSD	.09164	.21266	.25158

Sample Name: 460-61073-A-15-A@4 Acquired: 8/17/2013 17:07:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96080.	18.53	2.386	353.9	3.836	6475.
Stddev	143.	1.27	.602	.3	.069	16.
%RSD	.1490	6.872	25.24	.0902	1.806	.2547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.785	42.77	84.64	103.3	122900.	2646.
Stddev	.048	.25	.31	1.5	331.	8.
%RSD	1.010	.5825	.3635	1.406	.2691	.3082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8226.	2322.	171.0	84.48	84.68	-1.187
Stddev	21.	3.	4.6	.61	.55	.605
%RSD	.2576	.1330	2.712	.7178	.6544	50.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-15-A@4 Acquired: 8/17/2013 17:07:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.154	-6.607	156.0	368.5	5.979	4.097
Stddev	2.271	.609	.4	1.0	.041	.261
%RSD	36.90	9.217	.2579	.2579	.6897	6.361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.71	34.37	1885.	749.1
Stddev	.14	.06	2.	10.4
%RSD	.9950	.1873	.1133	1.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6317.6	70674.	11147.
Stddev	7.3	227.	87.
%RSD	.11574	.32118	.77754

Sample Name: 460-61073-A-16-A@4 Acquired: 8/17/2013 17:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	132200.	17.01	1.863	316.2	4.265	3755.
Stddev	90.	.95	.705	.5	.044	12.
%RSD	.0679	5.600	37.84	.1515	1.040	.3136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.302	34.53	84.36	79.12	199000.	3206.
Stddev	.129	.15	.43	1.42	409.	15.
%RSD	9.901	.4266	.5097	1.790	.2055	.4632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7148.	1537.	39.65	57.00	53.35	-1.373
Stddev	26.	3.	7.08	.23	.50	1.470
%RSD	.3646	.1731	17.86	.3964	.9360	107.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-16-A@4 Acquired: 8/17/2013 17:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.658	-10.44	168.2	173.8	4.357	4.102
Stddev	3.800	1.43	.9	.2	.523	.203
%RSD	39.34	13.73	.5055	.1382	12.00	4.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.935	16.59	2138.	1114.
Stddev	.206	.14	3.	18.
%RSD	2.598	.8380	.1190	1.643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6023.7	67311.	10611.
Stddev	12.4	149.	21.
%RSD	.20543	.22203	.20124

Sample Name: 460-61073-A-17-A@4 Acquired: 8/17/2013 17:15:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119400.	18.86	2.628	350.3	6.229	6748.
Stddev	383.	.38	.383	.9	.069	31.
%RSD	.3206	2.032	14.56	.2693	1.107	.4628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.025	44.83	232.7	196.8	F 245400.	4407.
Stddev	.231	.08	1.1	1.3	835.	14.
%RSD	22.57	.1760	.4717	.6483	.3402	.3153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9784.	1721.	325.7	65.44	70.89	-2.050
Stddev	31.	4.	2.7	.74	.43	2.270
%RSD	.3201	.2087	.8217	1.125	.6056	110.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-17-A@4 Acquired: 8/17/2013 17:15:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.63	-12.71	251.3	222.4	3.643	4.966
Stddev	1.97	.50	.1	.2	.168	.188
%RSD	18.55	3.954	.0440	.0874	4.616	3.786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.20	25.21	3334.	973.7
Stddev	.03	.05	7.	11.2
%RSD	.3381	.1966	.2181	1.153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6204.8	69552.	11032.
Stddev	17.2	61.	15.
%RSD	.27685	.08824	.13854

Sample Name: 460-61073-A-18-A@4 Acquired: 8/17/2013 17:18:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	103500.	16.70	1.785	332.2	4.780	4985.
Stddev	43.	2.17	.512	.4	.015	18.
%RSD	.0415	12.98	28.66	.1222	.3073	.3578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0125	36.96	85.83	127.7	159000.	3270.
Stddev	.1459	.18	.30	.6	99.	17.
%RSD	1172.	.4985	.3523	.4680	.0620	.5079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8135.	1534.	103.5	61.65	65.71	-.9653
Stddev	20.	1.	5.5	.88	.23	.8163
%RSD	.2480	.0410	5.323	1.423	.3451	84.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-18-A@4 Acquired: 8/17/2013 17:18:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.076	-7.580	176.0	255.8	3.750	3.519
Stddev	1.308	1.109	.2	.3	.343	.087
%RSD	18.49	14.63	.0986	.1006	9.154	2.467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.927	28.98	2211.	837.7
Stddev	.452	.02	4.	10.0
%RSD	4.557	.0524	.1980	1.197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6263.5	70211.	11074.
Stddev	19.3	195.	45.
%RSD	.30745	.27818	.40205

Sample Name: 460-61073-A-21-A@4 Acquired: 8/17/2013 17:22:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92180.	14.36	1.446	331.9	2.917	30320.
Stddev	320.	1.52	.301	.1	.058	151.
%RSD	.3469	10.61	20.84	.0264	2.004	.4972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0395	39.06	71.40	72.17	131200.	5881.
Stddev	.1093	.23	.54	1.06	668.	41.
%RSD	276.4	.5854	.7584	1.467	.5094	.6998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14390.	1440.	312.0	53.97	64.14	-1.196
Stddev	79.	5.	8.2	.25	.69	2.148
%RSD	.5477	.3528	2.640	.4558	1.078	179.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-21-A@4 Acquired: 8/17/2013 17:22:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.304	-7.918	147.8	189.5	8.944	4.359
Stddev	1.307	1.258	.5	.2	.422	.377
%RSD	30.36	15.89	.3615	.1147	4.724	8.637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.97	93.45	2908.	1514.
Stddev	.27	.07	5.	108.
%RSD	1.943	.0710	.1802	7.128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5960.5	67069.	10575.
Stddev	9.4	114.	118.
%RSD	.15700	.17029	1.1157

Sample Name: 460-61073-A-22-A@4 Acquired: 8/17/2013 17:25:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88940.	10.85	1.929	266.6	3.672	25240.
Stddev	171.	1.15	.583	.2	.035	18.
%RSD	.1928	10.62	30.20	.0563	.9424	.0722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8748	30.61	68.61	67.20	167300.	3242.
Stddev	.1115	.25	.42	1.19	31.	27.
%RSD	12.75	.8162	.6077	1.765	.0185	.8182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14890.	1087.	121.0	46.79	48.09	-.7033
Stddev	12.	1.	5.0	.21	.66	2.024
%RSD	.0826	.0737	4.162	.4531	1.364	287.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-22-A@4 Acquired: 8/17/2013 17:25:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.390	-7.574	144.1	155.8	1.933	3.474
Stddev	.660	.521	1.0	.3	.834	.182
%RSD	8.929	6.876	.6625	.2108	43.17	5.251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.174	69.95	2355.	896.8
Stddev	.361	.12	3.	12.1
%RSD	5.029	.1718	.1384	1.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5770.9	64896.	10127.
Stddev	17.2	219.	62.
%RSD	.29774	.33708	.61693

Sample Name: 460-61073-A-23-A@4 Acquired: 8/17/2013 17:29:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130600.	14.55	1.115	335.3	5.688	12250.
Stddev	97.	.98	.459	.4	.041	53.
%RSD	.0744	6.722	41.21	.1229	.7129	.4345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.378	86.29	77.57	58.14	198400.	13730.
Stddev	.030	.07	.56	1.28	459.	11.
%RSD	2.150	.0801	.7276	2.197	.2314	.0775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24610.	1246.	53.11	93.90	27.34	-1.519
Stddev	115.	3.	4.65	.28	.72	2.283
%RSD	.4665	.2331	8.759	.2984	2.642	150.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-23-A@4 Acquired: 8/17/2013 17:29:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.861	-11.61	243.6	121.4	1.874	3.724
Stddev	.905	.97	.1	.4	.198	.020
%RSD	13.20	8.362	.0294	.3551	10.54	.5405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.84	49.85	3297.	770.3
Stddev	.11	.15	2.	6.2
%RSD	.7377	.2954	.0516	.7986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6463.7	72358.	11471.
Stddev	16.3	183.	5.
%RSD	.25207	.25242	.04172

Sample Name: MB 460-176605/1-A@2 Acquired: 8/17/2013 17:32:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.51	-1.982	1.871	.0216	.0319	41.77
Stddev	6.38	.813	.325	.1759	.0623	5.07
%RSD	47.24	41.01	17.39	816.0	195.6	12.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1212	.1109	-.1402	.7236	18.84	-12.87
Stddev	.0423	.1286	.1024	1.928	3.85	2.27
%RSD	34.86	116.0	73.01	266.5	20.44	17.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.455	.1017	-66.85	-.5964	-1.260	-.5481
Stddev	1.629	.0544	7.75	.6270	.151	.8226
%RSD	111.9	53.50	11.59	105.1	11.96	150.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176605/1-A@2 Acquired: 8/17/2013 17:32:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8056	.8020	-.1941	-1.570	-.5630	-.2744
Stddev	1.510	1.109	.3985	.102	.1553	.1742
%RSD	187.4	138.3	205.3	6.529	27.59	63.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1966	-.0585	1.209	-21.00
Stddev	.1922	.0340	.560	1.22
%RSD	97.76	58.10	46.31	5.796
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5384.4	61257.	9278.3
Stddev	12.9	136.	50.9
%RSD	.23938	.22145	.54861

Sample Name: LCSSRM 460-176605/2- Acquired: 8/17/2013 17:36:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42550.	784.2	192.1	1055.	534.2	32540.
Stddev	94.	.8	.7	2.	1.0	40.
%RSD	.2200	.0981	.3513	.1504	.1944	.1241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	501.4	661.5	553.9	588.4	64750.	14270.
Stddev	.6	1.0	.4	2.3	5.	32.
%RSD	.1108	.1485	.0660	.3887	.0081	.2212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12510.	1721.	1611.	358.5	490.0	208.3
Stddev	5.	1.	5.	1.3	1.3	3.7
%RSD	.0439	.0427	.3258	.3544	.2579	1.763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176605/2- Acquired: 8/17/2013 17:36:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	586.8	1048.	398.9	1365.	374.2	275.4
Stddev	.3	4.	.5	2.	.9	.4
%RSD	.0558	.3386	.1157	.1443	.2338	.1489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	696.3	632.0	1062.	795.6
Stddev	2.2	.9	2.	18.9
%RSD	.3104	.1403	.2180	2.373
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5436.0	61315.	9600.3
Stddev	11.5	138.	41.8
%RSD	.21139	.22494	.43557

Sample Name: 460-61100-E-1-E DU@4 Acquired: 8/17/2013 17:40:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46180.	13.64	2.208	187.9	1.734	5387.
Stddev	69.	.55	.273	.7	.070	12.
%RSD	.1489	4.026	12.35	.3502	4.017	.2212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4269	34.45	63.56	77.15	86980.	5349.
Stddev	.1402	.19	.13	3.47	126.	10.
%RSD	32.84	.5605	.1995	4.504	.1447	.1953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15590.	1889.	1882.	74.35	56.86	-.4193
Stddev	42.	3.	11.	.35	1.14	.5631
%RSD	.2676	.1703	.5635	.4772	2.008	134.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-E DU@4 Acquired: 8/17/2013 17:40:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.134	-3.140	76.78	208.5	10.12	2.237
Stddev	2.375	.371	.65	.4	.74	.297
%RSD	46.26	11.80	.8488	.2130	7.358	13.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.184	23.79	1036.	899.3
Stddev	.404	.01	2.	13.0
%RSD	9.657	.0356	.1913	1.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5472.9	61759.	9619.7
Stddev	7.4	117.	35.3
%RSD	.13475	.19010	.36711

Sample Name: CCV Acquired: 8/17/2013 17:43:37 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	2455.	1185.	9907.	988.3	121100.
Stddev	77.	7.	2.	3.	.6	120.
%RSD	.0608	.2918	.1813	.0340	.0653	.0994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2482.	4776.	12610.	101100.	49500.
Stddev	1.	2.	8.	7.	81.	24.
%RSD	.0759	.0720	.1728	.0585	.0801	.0477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	4953.	129000.	2502.	7444.	949.6
Stddev	127.	12.	454.	3.	1.	5.3
%RSD	.1054	.2469	.3519	.1111	.0143	.5622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 17:43:37 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2415.	2437.	2412.	2453.	996.9	2454.
Stddev	5.	5.	2.	3.	.6	3.
%RSD	.1896	.2070	.0787	.1252	.0623	.1239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.8	4953.	9939.	9078.
Stddev	1.0	31.	3.	15.
%RSD	.0968	.6227	.0306	.1669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4995.9	56414.	9066.7
Stddev	2.3	97.	8.8
%RSD	.04606	.17248	.09759

Sample Name: CCB Acquired: 8/17/2013 17:47:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9308	-.3541	2.158	.3793	.1312	43.20
Stddev	13.33	1.374	.494	.3305	.0877	8.38
%RSD	1432.	387.9	22.90	87.14	66.83	19.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0164	.3716	.4513	2.817	8.777	-.5762
Stddev	.0595	.2700	.0644	.819	7.654	45.73
%RSD	361.8	72.67	14.27	29.09	87.20	7936.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.728	.2916	-42.52	-.1313	-.5577	1.659
Stddev	3.721	.2402	11.87	.1275	.5274	2.404
%RSD	215.3	82.37	27.92	97.12	94.57	144.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 17:47:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.258	.5780	.1806	-1.329	.5722	7.951
Stddev	1.003	1.126	.1229	.164	.4693	1.340
%RSD	79.71	194.8	68.06	12.30	82.02	16.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8842	.2292	2.791	-18.70
Stddev	.2430	.1270	1.212	16.80
%RSD	27.48	55.39	43.41	89.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5371.2	61200.	9245.5
Stddev	17.8	268.	9.4
%RSD	.33130	.43835	.10156

Sample Name: 460-61100-E-1-D@4 Acquired: 8/17/2013 17:50:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46390.	13.44	2.156	187.8	1.676	5372.
Stddev	130.	.82	.501	.3	.032	3.
%RSD	.2797	6.122	23.24	.1639	1.919	.0548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5273	34.61	63.32	78.78	86830.	5366.
Stddev	.0393	.02	.16	.84	145.	29.
%RSD	7.461	.0698	.2492	1.062	.1674	.5388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15540.	1886.	1893.	74.23	56.60	-.9758
Stddev	21.	2.	4.	.75	1.34	.7078
%RSD	.1372	.0959	.1934	1.005	2.366	72.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-D@4 Acquired: 8/17/2013 17:50:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.645	-3.953	77.15	208.6	9.771	2.510
Stddev	2.575	.566	.12	.1	.201	.206
%RSD	55.44	14.31	.1609	.0590	2.061	8.199
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.909	23.87	1038.	906.1
Stddev	.021	.10	1.	26.3
%RSD	.5398	.4061	.0993	2.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5469.2	61963.	9540.9
Stddev	5.1	98.	48.6
%RSD	.09376	.15889	.50933

Sample Name: sd 460-61100-E-1-D@4 Acquired: 8/17/2013 17:54:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9232.	2.580	1.960	37.25	.3648	1119.
Stddev	37.	1.421	.433	.20	.0596	6.
%RSD	.3980	55.08	22.11	.5328	16.33	.5609
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3215	7.112	12.54	17.72	17540.	1033.
Stddev	.0392	.179	.15	1.32	37.	25.
%RSD	12.20	2.512	1.226	7.470	.2107	2.444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3173.	379.5	317.4	14.38	10.70	1.146
Stddev	9.	.2	3.2	.47	.96	.184
%RSD	.2765	.0584	1.019	3.264	8.960	16.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61100-E-1-D@4 Acquired: 8/17/2013 17:54:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.047	1.629	15.27	40.31	1.593	.1792
Stddev	2.210	1.324	.29	.16	.326	.0881
%RSD	211.0	81.24	1.885	.3924	20.44	49.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9443	4.646	204.2	163.2
Stddev	.1739	.055	1.3	7.2
%RSD	18.42	1.190	.6320	4.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5464.7	61851.	9393.4
Stddev	9.5	132.	83.2
%RSD	.17396	.21281	.88539

Sample Name: 460-61100-E-1-F MS@4 Acquired: 8/17/2013 17:58:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53370.	925.9	24.39	1201.	26.43	15150.
Stddev	37.	4.0	.56	2.	.11	62.
%RSD	.0695	.4280	2.298	.1627	.4332	.4062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.86	279.7	158.1	207.2	84520.	16410.
Stddev	.04	.7	1.1	.5	247.	38.
%RSD	.1778	.2640	.7102	.2317	.2919	.2343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25270.	2086.	11960.	323.6	294.6	75.13
Stddev	92.	6.	27.	1.0	2.1	.94
%RSD	.3658	.2695	.2285	.2941	.7034	1.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-F MS@4 Acquired: 8/17/2013 17:58:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	889.5	977.2	313.1	451.5	237.0	227.6
Stddev	1.9	2.4	1.2	1.1	.3	.1
%RSD	.2099	.2489	.3931	.2343	.1058	.0388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	236.6	264.0	1411.	1095.
Stddev	.9	.1	1.	8.
%RSD	.3657	.0215	.0416	.6859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5411.5	61049.	9536.1
Stddev	7.7	169.	40.5
%RSD	.14264	.27616	.42439

Sample Name: pds 460-61100-E-1-D@ Acquired: 8/17/2013 18:01:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47640.	1819.	44.80	2122.	49.99	24000.
Stddev	195.	3.	.79	2.	.36	59.
%RSD	.4086	.1883	1.761	.0736	.7253	.2460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.23	511.3	244.3	318.3	86080.	23990.
Stddev	.17	.3	.5	1.5	227.	82.
%RSD	.3619	.0560	.2152	.4624	.2639	.3402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33600.	2333.	21680.	560.8	535.4	427.8
Stddev	99.	4.	43.	1.2	1.2	2.6
%RSD	.2939	.1794	.1998	.2224	.2175	.6128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61100-E-1-D@ Acquired: 8/17/2013 18:01:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1763.	1917.	528.7	674.9	472.1	463.5
Stddev	7.	2.	.6	1.2	.9	.6
%RSD	.4104	.0859	.1228	.1704	.1827	.1202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	487.8	488.1	1498.	921.9
Stddev	1.0	1.3	6.	44.4
%RSD	.1956	.2755	.3956	4.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5369.3	60452.	9507.5
Stddev	8.2	102.	21.7
%RSD	.15273	.16837	.22869

Sample Name: 460-61303-D-2-A@4 Acquired: 8/17/2013 18:04:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8003.	3.878	2.087	15.51	.3188	4581.
Stddev	33.	.174	.196	.13	.0564	31.
%RSD	.4132	4.501	9.405	.8654	17.70	.6821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4255	.6035	34.66	7.460	22200.	1037.
Stddev	.0429	.2878	.42	1.122	70.	24.
%RSD	10.08	47.68	1.214	15.04	.3173	2.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2735.	42.19	279.2	3.241	7.622	2.026
Stddev	16.	.18	9.3	.417	1.009	.836
%RSD	.5982	.4270	3.317	12.87	13.23	41.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-D-2-A@4 Acquired: 8/17/2013 18:04:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.661	-1.082	27.64	15.53	9.543	4.633
Stddev	.418	1.192	.09	.12	.596	.421
%RSD	8.968	110.2	.3316	.7851	6.249	9.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.20	5.268	263.0	753.1
Stddev	1.11	.035	1.1	11.0
%RSD	4.997	.6572	.4174	1.464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5255.2	60413.	9202.3
Stddev	34.4	606.	73.1
%RSD	.65458	1.0024	.79482

Sample Name: 460-61303-D-3-A@4 Acquired: 8/17/2013 18:08:38 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33170.	46.61	1.722	29.07	3.239	2860.
Stddev	119.	.69	.158	.11	.020	4.
%RSD	.3576	1.481	9.193	.3913	.6150	.1254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8751	5.128	126.5	8.233	96390.	20550.
Stddev	.0511	.085	.6	1.903	126.	79.
%RSD	5.835	1.659	.4367	23.11	.1307	.3849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7378.	84.71	2892.	9.796	14.51	-.2223
Stddev	19.	.19	6.	.373	1.01	.5443
%RSD	.2531	.2198	.2214	3.806	6.981	244.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-D-3-A@4 Acquired: 8/17/2013 18:08:38 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.304	-4.122	131.5	70.09	157.3	3.756
Stddev	1.285	1.782	.5	.02	.6	.228
%RSD	15.48	43.23	.3593	.0234	.3936	6.073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.32	3.915	375.2	932.1
Stddev	.48	.032	2.1	31.6
%RSD	2.170	.8231	.5488	3.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5231.3	59694.	9246.1
Stddev	26.8	711.	80.4
%RSD	.51289	1.1903	.86912

Sample Name: 460-61303-E-7-A@4 Acquired: 8/17/2013 18:12:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5000.	.0745	1.554	9.209	.2580	466.3
Stddev	30.	1.481	.266	.142	.0375	2.1
%RSD	.5922	1987.	17.15	1.543	14.55	.4580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3482	.4404	25.53	5.000	17110.	253.1
Stddev	.0506	.0366	.46	1.357	83.	18.8
%RSD	14.54	8.307	1.817	27.15	.4827	7.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	248.5	12.54	1084.	1.893	6.373	.5353
Stddev	2.2	.08	9.	.226	.707	1.597
%RSD	.9031	.6774	.8380	11.92	11.09	298.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-E-7-A@4 Acquired: 8/17/2013 18:12:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.364	-.6417	17.54	10.52	3.620	1.937
Stddev	1.039	1.440	.04	.13	.512	.055
%RSD	23.80	224.4	.2151	1.220	14.15	2.823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.69	3.089	260.2	980.9
Stddev	.76	.060	1.3	15.8
%RSD	3.366	1.936	.4991	1.606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5287.8	60799.	9260.4
Stddev	29.5	451.	16.5
%RSD	.55807	.74102	.17823

Sample Name: 460-61099-A-1-C@4 Acquired: 8/17/2013 18:15:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41650.	7.875	1.948	175.2	1.062	6050.
Stddev	104.	.528	.322	.4	.058	42.
%RSD	.2505	6.709	16.51	.2481	5.501	.6881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2291	16.62	183.0	49.86	53040.	1780.
Stddev	.0867	.07	1.2	1.30	244.	25.
%RSD	37.83	.3961	.6500	2.613	.4597	1.430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7294.	504.5	723.1	40.96	47.69	-.1374
Stddev	56.	2.2	6.5	.83	.85	.8241
%RSD	.7662	.4434	.9045	2.020	1.778	599.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-1-C@4 Acquired: 8/17/2013 18:15:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.424	-4.037	77.66	156.3	13.89	2.353
Stddev	2.211	1.636	.27	.7	.30	.149
%RSD	34.41	40.54	.3477	.4246	2.145	6.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.59	34.71	1345.	779.9
Stddev	.86	.15	3.	20.1
%RSD	3.826	.4198	.2041	2.580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5337.2	60820.	9398.0
Stddev	31.4	348.	17.9
%RSD	.58781	.57262	.19050

Sample Name: 460-61099-A-2-C@4 Acquired: 8/17/2013 18:19:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18600.	14.25	2.355	124.6	.7825	2316.
Stddev	166.	.06	.376	.2	.0742	14.
%RSD	.8904	.3994	15.96	.1845	9.481	.6070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1804	11.92	252.3	55.27	54660.	1496.
Stddev	.0517	.08	1.5	.91	249.	9.
%RSD	28.67	.6851	.5899	1.651	.4564	.5817
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3377.	273.9	1096.	29.72	103.7	2.764
Stddev	25.	1.2	4.	.45	1.1	.815
%RSD	.7283	.4479	.3287	1.530	1.048	29.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-2-C@4 Acquired: 8/17/2013 18:19:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.883	-2.174	41.56	298.9	7.198	3.745
Stddev	1.086	.667	.33	.7	.535	.149
%RSD	13.77	30.68	.7995	.2440	7.440	3.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	28.55	25.15	588.2	745.2
Stddev	.91	.16	5.2	10.8
%RSD	3.187	.6545	.8869	1.448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5310.5	60782.	9280.8
Stddev	23.4	415.	11.3
%RSD	.44043	.68325	.12204

Sample Name: 460-61099-A-3-C@4 Acquired: 8/17/2013 18:23:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14850.	3.778	2.057	77.07	.4309	1979.
Stddev	43.	1.633	.062	.15	.0505	8.
%RSD	.2906	43.21	3.011	.1907	11.73	.4181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1549	8.467	21.02	16.64	22630.	1627.
Stddev	.0299	.163	.37	1.31	54.	20.
%RSD	19.30	1.930	1.781	7.848	.2397	1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4019.	147.5	1186.	21.26	18.29	.8832
Stddev	21.	.4	4.	.16	1.92	.7866
%RSD	.5174	.2626	.2977	.7726	10.51	89.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-3-C@4 Acquired: 8/17/2013 18:23:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.415	-.2961	31.40	93.06	6.305	1.022
Stddev	2.001	.4702	.18	.18	.479	.136
%RSD	45.33	158.8	.5887	.1942	7.602	13.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.260	14.40	524.4	643.6
Stddev	.779	.03	1.3	8.9
%RSD	14.81	.2174	.2482	1.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5493.5	61942.	9389.6
Stddev	28.9	425.	68.3
%RSD	.52536	.68651	.72791

Sample Name: CCV Acquired: 8/17/2013 18:26:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	2451.	1187.	9902.	989.7	121300.
Stddev	144.	6.	2.	6.	1.7	199.
%RSD	.1142	.2311	.1611	.0644	.1722	.1638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2480.	4775.	12610.	101200.	49630.
Stddev	2.	2.	15.	3.	262.	123.
%RSD	.1337	.0838	.3171	.0267	.2592	.2480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	4954.	129300.	2502.	7435.	945.6
Stddev	279.	14.	275.	4.	8.	2.3
%RSD	.2309	.2822	.2129	.1415	.1042	.2454
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 18:26:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2401.	2437.	2413.	2459.	993.4	2448.
Stddev	3.	4.	3.	6.	2.4	3.
%RSD	.1375	.1781	.1139	.2239	.2395	.1042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.9	4941.	9943.	9030.
Stddev	1.2	53.	15.	44.
%RSD	.1233	1.063	.1477	.4900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5035.7	56778.	9057.0
Stddev	7.6	180.	20.9
%RSD	.15027	.31637	.23024

Sample Name: CCB Acquired: 8/17/2013 18:30:25 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.450	.6477	1.824	.3137	.1207	42.63
Stddev	10.87	.8679	.822	.0446	.0422	2.72
%RSD	168.5	134.0	45.08	14.21	35.01	6.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0394	.1093	.4171	.8470	12.06	-10.56
Stddev	.1320	.0638	.1982	.8983	3.04	13.11
%RSD	335.0	58.31	47.50	106.1	25.20	124.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5875	.2004	-42.96	-.2843	-1.222	.8763
Stddev	2.230	.0868	15.46	.2387	.509	.9967
%RSD	379.6	43.29	35.98	83.98	41.64	113.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 18:30:25 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.913	.5309	.0185	-1.266	.3804	8.567
Stddev	1.625	.9732	.1857	.046	.4745	1.512
%RSD	55.78	183.3	1004.	3.651	124.7	17.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8626	.1997	2.354	-21.97
Stddev	.2994	.1203	2.258	7.71
%RSD	34.71	60.24	95.90	35.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5397.6	61442.	9232.9
Stddev	7.1	192.	20.5
%RSD	.13232	.31182	.22229

Sample Name: 460-61099-A-4-C@4 Acquired: 8/17/2013 18:34:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15950.	4.833	2.007	45.15	.7046	1425.
Stddev	111.	.511	.043	.41	.1203	9.
%RSD	.6937	10.57	2.146	.9110	17.07	.6169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2302	11.82	23.27	15.26	26530.	1173.
Stddev	.0345	.09	.51	.73	253.	12.
%RSD	14.97	.7276	2.199	4.766	.9553	1.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3606.	182.8	1171.	19.68	10.94	-.6748
Stddev	38.	1.7	10.	.44	1.34	.7576
%RSD	1.049	.9480	.8727	2.258	12.28	112.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-4-C@4 Acquired: 8/17/2013 18:34:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.028	-.9076	28.31	58.41	4.109	1.650
Stddev	1.195	1.391	.32	.76	.155	.262
%RSD	29.68	153.3	1.123	1.298	3.777	15.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.473	9.557	414.9	655.0
Stddev	.539	.097	4.2	33.1
%RSD	12.06	1.012	1.013	5.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5449.2	61651.	9348.0
Stddev	7.7	12.	49.5
%RSD	.14058	.01915	.52932

Sample Name: 460-61099-B-5-C@4 Acquired: 8/17/2013 18:37:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19060.	5.512	2.289	66.74	.7325	1798.
Stddev	28.	.720	.290	.05	.0235	1.
%RSD	.1454	13.06	12.67	.0797	3.210	.0350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3556	13.04	31.28	19.40	32990.	1529.
Stddev	.1547	.09	.32	1.26	55.	19.
%RSD	43.50	.7072	1.022	6.514	.1673	1.241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4613.	724.5	946.1	24.69	15.11	.1938
Stddev	11.	.9	4.8	.53	.18	1.469
%RSD	.2354	.1274	.5064	2.142	1.190	758.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-B-5-C@4 Acquired: 8/17/2013 18:37:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.799	-2.136	36.09	74.74	5.002	.6372
Stddev	1.393	.489	.42	.33	.392	.2928
%RSD	77.46	22.91	1.158	.4421	7.845	45.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.308	10.71	587.4	711.1
Stddev	.617	.11	4.2	10.9
%RSD	14.32	.9836	.7121	1.539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5452.4	61714.	9401.3
Stddev	8.8	257.	44.4
%RSD	.16077	.41703	.47194

Sample Name: 460-61099-A-6-C@4 Acquired: 8/17/2013 18:41:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38120.	13.40	2.150	184.8	1.375	3873.
Stddev	52.	.89	.519	.3	.062	6.
%RSD	.1354	6.611	24.15	.1415	4.515	.1480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6666	15.60	145.7	49.63	43320.	1646.
Stddev	.0356	.05	1.4	1.30	57.	16.
%RSD	5.335	.3100	.9409	2.615	.1309	.9782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5459.	389.4	1494.	37.64	96.24	-.1504
Stddev	19.	.8	8.	.47	1.81	1.160
%RSD	.3545	.1980	.5239	1.237	1.877	771.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-6-C@4 Acquired: 8/17/2013 18:41:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.929	-.2763	58.38	214.2	8.751	1.445
Stddev	1.160	.3961	.08	.3	.232	.125
%RSD	29.51	143.4	.1451	.1326	2.651	8.627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.271	32.90	755.3	783.3
Stddev	.464	.02	.7	8.0
%RSD	6.382	.0606	.0915	1.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5468.5	61446.	9490.8
Stddev	8.8	132.	26.8
%RSD	.16061	.21418	.28269

Sample Name: 460-61099-A-7-B@4 Acquired: 8/17/2013 18:45:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35060.	19.35	2.621	183.4	1.290	10020.
Stddev	39.	1.91	.172	.5	.075	15.
%RSD	.1110	9.863	6.584	.2502	5.845	.1537
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0865	16.88	223.1	65.50	47930.	2024.
Stddev	.0456	.20	.1	1.68	41.	8.
%RSD	52.66	1.184	.0589	2.569	.0849	.4118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6331.	552.0	1894.	45.48	170.2	1.852
Stddev	11.	.5	10.	.68	1.6	.899
%RSD	.1688	.0882	.5338	1.504	.9295	48.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-7-B@4 Acquired: 8/17/2013 18:45:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.483	-1.515	66.47	264.5	9.138	2.144
Stddev	1.318	1.650	.26	.8	.496	.232
%RSD	24.04	108.9	.3941	.3193	5.431	10.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.375	63.06	975.1	773.0
Stddev	.291	.10	.3	4.8
%RSD	3.108	.1633	.0352	.6164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5453.9	61678.	9465.3
Stddev	3.3	147.	28.1
%RSD	.06091	.23885	.29713

Sample Name: 460-61325-A-1-A@4 Acquired: 8/17/2013 18:48:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	23.95	2.440	725.0	18.08	6945.
Stddev	89.	.42	.397	1.3	.08	18.
%RSD	.0726	1.745	16.28	.1734	.4450	.2597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.036	56.18	116.3	123.3	142900.	14890.
Stddev	.072	.10	.5	1.5	214.	31.
%RSD	6.948	.1827	.4659	1.210	.1500	.2100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21620.	1449.	385.6	92.63	36.75	-1.045
Stddev	30.	2.	8.9	.21	.18	.917
%RSD	.1395	.1501	2.316	.2291	.4878	87.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61325-A-1-A@4 Acquired: 8/17/2013 18:48:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.063	-6.386	144.1	198.2	23.66	2.658
Stddev	.368	.830	.6	.2	.43	.363
%RSD	5.217	13.00	.4422	.1173	1.827	13.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.796	57.15	1634.	851.3
Stddev	.572	.06	2.	16.3
%RSD	9.871	.0968	.1453	1.910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5558.1	62154.	9763.9
Stddev	7.7	201.	12.7
%RSD	.13865	.32380	.13043

Sample Name: 460-61331-A-1-A@4 Acquired: 8/17/2013 18:52:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85490.	165.4	2.915	299.7	6.930	5993.
Stddev	69.	.9	.100	.7	.079	12.
%RSD	.0810	.5204	3.416	.2270	1.144	.1980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4716	86.34	232.4	156.0	182700.	13720.
Stddev	.0717	.27	.5	2.8	210.	21.
%RSD	15.21	.3076	.2356	1.766	.1148	.1518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50600.	5889.	678.5	189.2	117.5	-1.345
Stddev	53.	15.	2.9	.9	1.3	2.042
%RSD	.1056	.2512	.4327	.4631	1.127	151.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-1-A@4 Acquired: 8/17/2013 18:52:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.729	-7.824	389.3	385.3	22.46	27.15
Stddev	3.123	.258	.4	.1	.19	.07
%RSD	40.41	3.295	.0943	.0371	.8367	.2729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.853	74.70	1955.	762.7
Stddev	.168	.12	4.	28.6
%RSD	2.443	.1575	.1975	3.754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5462.3	61508.	9641.2
Stddev	6.7	116.	23.5
%RSD	.12224	.18931	.24358

Sample Name: 460-61331-A-2-A@4 Acquired: 8/17/2013 18:55:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49900.	464.4	7.058	1978.	1.575	4431.
Stddev	33.	2.8	.637	2.	.026	4.
%RSD	.0661	.5960	9.026	.0904	1.635	.0931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0367	108.5	254.9	187.9	F 252800.	6534.
Stddev	.2222	.1	.8	1.9	200.	12.
%RSD	605.3	.1215	.3038	1.001	.0791	.1823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24720.	F 40820.	987.2	294.0	226.2	5.438
Stddev	21.	56.	1.9	.7	.5	.708
%RSD	.0832	.1383	.1916	.2403	.2237	13.01
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61331-A-2-A@4 Acquired: 8/17/2013 18:55:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.922	27.54	541.4	640.9	.3456	158.8
Stddev	1.860	1.65	.8	.4	.1970	.9
%RSD	37.80	5.977	.1474	.0641	57.00	.5548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.286	217.8	911.0	712.9
Stddev	.534	.2	2.8	15.1
%RSD	10.11	.0800	.3096	2.121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5664.8	63915.	10001.
Stddev	7.7	93.	32.
%RSD	.13670	.14537	.31821

Sample Name: 460-61331-A-3-A@4 Acquired: 8/17/2013 18:59:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82190.	265.9	2.790	254.1	10.19	8978.
Stddev	184.	1.8	.238	.6	.05	56.
%RSD	.2233	.6944	8.518	.2234	.4564	.6246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.011	64.06	302.3	214.2	F 220200.	15530.
Stddev	.035	.23	.9	1.9	576.	39.
%RSD	3.435	.3590	.2891	.8916	.2616	.2495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59040.	2843.	1042.	171.6	188.3	-.6598
Stddev	201.	5.	10.	.4	2.3	2.053
%RSD	.3406	.1892	.9911	.2259	1.222	311.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-3-A@4 Acquired: 8/17/2013 18:59:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	-6.851	691.7	384.1	12.87	79.86
Stddev	.81	.585	1.9	.4	.25	.17
%RSD	7.615	8.542	.2777	.1147	1.921	.2119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.437	131.9	2008.	635.5
Stddev	.524	.1	4.	11.0
%RSD	7.042	.1057	.2089	1.726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5527.3	62463.	9775.5
Stddev	3.3	46.	38.7
%RSD	.05924	.07347	.39546

Sample Name: 460-61331-A-4-A@4 Acquired: 8/17/2013 19:03:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	135100.	398.4	3.345	387.8	8.516	6896.
Stddev	181.	.9	.460	.6	.049	15.
%RSD	.1337	.2361	13.75	.1638	.5770	.2111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.149	88.26	328.1	196.8	F 258700.	14650.
Stddev	.168	.32	.6	1.7	309.	36.
%RSD	14.58	.3607	.1801	.8718	.1195	.2477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50850.	3357.	1273.	196.4	174.0	-1.827
Stddev	76.	3.	2.	.4	.5	2.643
%RSD	.1485	.1022	.1405	.1802	.3060	144.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-4-A@4 Acquired: 8/17/2013 19:03:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.73	-7.808	563.7	453.1	32.33	122.8
Stddev	1.35	1.390	.8	.2	.93	.3
%RSD	12.57	17.81	.1457	.0332	2.865	.2678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.251	131.4	3000.	811.0
Stddev	.540	.3	3.	5.5
%RSD	7.454	.2306	.0893	.6826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60519.	9461.0
Stddev	12.2	188.	38.4
%RSD	.22756	.31092	.40596

Sample Name: 460-61331-A-5-A@4 Acquired: 8/17/2013 19:06:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	102800.	398.8	3.823	607.3	7.576	8496.
Stddev	162.	1.3	.170	.4	.050	7.
%RSD	.1574	.3188	4.452	.0707	.6546	.0812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5907	160.4	265.7	504.1	F 223200.	15530.
Stddev	.1666	.4	.8	5.2	306.	8.
%RSD	28.21	.2449	.2980	1.027	.1371	.0539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49510.	F 11460.	1076.	293.3	145.2	-1.775
Stddev	62.	29.	8.	.3	1.3	2.036
%RSD	.1248	.2521	.7697	.0999	.8723	114.7
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61331-A-5-A@4 Acquired: 8/17/2013 19:06:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.778	-8.329	480.3	690.8	25.05	122.9
Stddev	.991	.728	.9	.8	.49	.3
%RSD	17.15	8.738	.1830	.1221	1.943	.2150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.948	120.1	2606.	783.8
Stddev	.468	.1	4.	10.5
%RSD	5.234	.0576	.1370	1.341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5508.5	61997.	9682.5
Stddev	5.9	144.	37.9
%RSD	.10636	.23254	.39116

Sample Name: CCV Acquired: 8/17/2013 19:10:15 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	2463.	1190.	9934.	987.5	121400.
Stddev	188.	7.	2.	5.	1.6	276.
%RSD	.1485	.2747	.2038	.0492	.1655	.2277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1245.	2487.	4784.	12600.	101200.	49760.
Stddev	.	1.	9.	17.	275.	37.
%RSD	.0056	.0506	.1810	.1387	.2721	.0740
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	4958.	129400.	2504.	7458.	950.4
Stddev	339.	13.	323.	6.	2.	2.9
%RSD	.2805	.2647	.2493	.2488	.0302	.3003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 19:10:15 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2424.	2442.	2418.	2457.	997.6	2456.
Stddev	5.	5.	4.	3.	.3	5.
%RSD	.1995	.2065	.1578	.1416	.0308	.1891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.4	4977.	9942.	9096.
Stddev	1.3	36.	12.	44.
%RSD	.1330	.7187	.1192	.4818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5000.0	56496.	9053.3
Stddev	7.7	40.	60.4
%RSD	.15313	.07145	.66722

Sample Name: CCB Acquired: 8/17/2013 19:13:52 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.498	-1.866	1.981	.3310	.0628	44.36
Stddev	1.357	.727	.566	.2962	.0763	1.16
%RSD	15.97	38.96	28.58	89.49	121.5	2.618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0894	.1134	.2662	1.611	11.32	-4.056
Stddev	.0328	.1727	.2839	1.009	6.83	11.78
%RSD	36.65	152.3	106.7	62.64	60.29	290.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0627	.2970	-41.86	.4128	-.2581	.7584
Stddev	2.237	.1301	8.63	.1188	.5641	.7817
%RSD	3568.	43.80	20.61	28.76	218.5	103.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 19:13:52 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.781	1.235	.0034	-1.253	.5098	8.042
Stddev	2.147	.966	.1190	.155	.6825	1.143
%RSD	120.6	78.25	3528.	12.34	133.9	14.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6471	.1106	2.187	-19.45
Stddev	.3464	.1185	1.107	8.86
%RSD	53.53	107.2	50.63	45.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5361.7	61321.	9247.2
Stddev	9.8	275.	5.5
%RSD	.18291	.44818	.05937

Sample Name: 460-61331-A-6-A@4 Acquired: 8/17/2013 19:17:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	103800.	248.5	2.805	380.9	6.723	9002.
Stddev	126.	2.3	.407	.3	.080	32.
%RSD	.1212	.9072	14.52	.0805	1.196	.3547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4430	99.98	263.9	246.5	F 207400.	17380.
Stddev	.2402	.17	.1	2.6	197.	40.
%RSD	54.22	.1651	.0407	1.053	.0951	.2329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47350.	3750.	1120.	167.6	95.75	-.8954
Stddev	37.	1.	4.	.4	1.77	.8352
%RSD	.0787	.0279	.3222	.2414	1.847	93.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-6-A@4 Acquired: 8/17/2013 19:17:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.848	-9.107	442.6	440.6	28.58	51.72
Stddev	1.351	.626	.7	1.4	.17	.58
%RSD	15.26	6.878	.1658	.3216	.5793	1.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.120	133.1	2834.	796.7
Stddev	.454	.1	5.	10.4
%RSD	5.595	.0955	.1783	1.312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60500.	9461.0
Stddev	6.1	169.	27.7
%RSD	.11349	.27967	.29322

Sample Name: 460-61331-A-7-A@4 Acquired: 8/17/2013 19:21:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63680.	143.7	2.871	215.4	7.313	3832.
Stddev	114.	1.7	.279	.1	.036	17.
%RSD	.1792	1.203	9.709	.0464	.4986	.4365
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.890	79.21	246.8	198.7	175800.	17340.
Stddev	.049	.32	.4	1.8	386.	37.
%RSD	2.587	.3976	.1619	.9006	.2193	.2138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62320.	4681.	624.1	179.7	170.0	-1.159
Stddev	169.	13.	4.5	.4	1.7	1.562
%RSD	.2718	.2748	.7198	.2194	.9726	134.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-7-A@4 Acquired: 8/17/2013 19:21:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.510	-8.914	374.3	583.1	10.47	2.481
Stddev	2.460	.424	.9	.2	.96	.314
%RSD	32.76	4.761	.2487	.0379	9.136	12.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.121	48.79	1005.	503.6
Stddev	.278	.27	2.	12.3
%RSD	3.418	.5623	.1695	2.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5313.0	60094.	9326.9
Stddev	9.4	89.	69.8
%RSD	.17734	.14760	.74860

Sample Name: 460-61331-A-8-A@4 Acquired: 8/17/2013 19:24:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118000.	91.36	2.468	336.2	8.036	21470.
Stddev	288.	1.13	.563	.2	.078	42.
%RSD	.2439	1.234	22.81	.0730	.9718	.1964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3380	103.7	318.8	377.3	F 233100.	18950.
Stddev	.1491	.3	1.2	1.1	627.	59.
%RSD	44.10	.3105	.3720	.2942	.2689	.3107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95260.	7421.	1583.	239.2	155.4	.5517
Stddev	285.	21.	5.	.7	1.3	1.459
%RSD	.2992	.2771	.3287	.2793	.8175	264.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-8-A@4 Acquired: 8/17/2013 19:24:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.968	-13.03	494.4	591.5	29.95	9.551
Stddev	1.014	1.45	1.6	1.1	.78	.385
%RSD	11.30	11.15	.3322	.1846	2.604	4.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.30	233.3	2501.	764.0
Stddev	.25	.2	7.	10.3
%RSD	2.455	.0981	.2783	1.349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5342.9	60359.	9479.6
Stddev	10.2	90.	48.4
%RSD	.19126	.14934	.51054

Sample Name: 460-61222-A-19-D@20 Acquired: 8/17/2013 19:28:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12840.	41.14	2.502	162.8	1.177	5389.
Stddev	50.	.79	.108	.2	.080	19.
%RSD	.3893	1.909	4.318	.1234	6.755	.3617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1161	10.22	45.44	102.5	49690.	2323.
Stddev	.0649	.16	.17	2.2	94.	17.
%RSD	55.86	1.588	.3769	2.173	.1898	.7310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2111.	208.9	326.0	33.96	136.7	1.035
Stddev	3.	.3	3.3	.73	.4	2.158
%RSD	.1389	.1285	1.016	2.140	.3069	208.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-19-D@20 Acquired: 8/17/2013 19:28:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.782	-1.269	125.4	142.5	8.174	3.140
Stddev	.665	1.146	.4	.4	.510	.223
%RSD	23.92	90.30	.3134	.2797	6.243	7.093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.78	99.32	719.7	216.5
Stddev	.42	.15	1.8	11.0
%RSD	3.573	.1526	.2534	5.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5415.7	61504.	9386.1
Stddev	7.3	170.	78.2
%RSD	.13456	.27577	.83313

Sample Name: 460-61222-A-23-A@40 Acquired: 8/17/2013 19:32:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9775.	3.908	1.882	82.87	.3919	3474.
Stddev	128.	1.552	.343	1.33	.0906	42.
%RSD	1.311	39.72	18.22	1.599	23.13	1.200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.001	10.96	18.49	52.51	24220.	649.9
Stddev	.105	.20	.22	.83	328.	10.9
%RSD	1.746	1.838	1.194	1.586	1.353	1.676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8687.	467.1	506.1	23.31	90.02	-.1789
Stddev	109.	6.3	8.3	.52	1.31	2.211
%RSD	1.256	1.357	1.642	2.223	1.460	1236.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-23-A@40 Acquired: 8/17/2013 19:32:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6993	.1227	45.54	551.5	2.352	.0956
Stddev	1.743	.7722	.96	8.2	.208	.1260
%RSD	249.3	629.5	2.104	1.488	8.845	131.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.601	25.73	383.1	80.64
Stddev	.384	.36	4.9	7.71
%RSD	6.861	1.382	1.273	9.559
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5422.3	61453.	9327.7
Stddev	5.1	92.	43.6
%RSD	.09351	.14905	.46772

Sample Name: 460-61222-A-25-A@10 Acquired: 8/17/2013 19:35:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3543.	68.14	3.099	126.2	.7486	2933.
Stddev	6.	1.11	.578	.7	.0705	8.
%RSD	.1571	1.633	18.64	.5840	9.413	.2718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3005	9.864	27.57	242.6	136600.	668.0
Stddev	.1929	.075	.15	.8	41.	17.1
%RSD	64.22	.7604	.5450	.3323	.0297	2.552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	935.0	420.7	1067.	33.25	488.9	11.50
Stddev	2.2	.4	5.	.52	.2	1.10
%RSD	.2363	.0898	.4776	1.555	.0388	9.540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-25-A@10 Acquired: 8/17/2013 19:35:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.43	-4.143	20.79	281.0	15.50	6.167
Stddev	.46	.649	.34	.4	.51	.228
%RSD	4.409	15.66	1.615	.1504	3.308	3.689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	58.45	55.00	220.5	397.2
Stddev	.55	.21	1.2	10.0
%RSD	.9473	.3737	.5600	2.523
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5342.8	60984.	9346.3
Stddev	5.0	143.	64.1
%RSD	.09381	.23493	.68631

Sample Name: 460-61103-A-8-C@5 Acquired: 8/17/2013 19:39:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	200.9	-.4815	2.066	77.53	.0680	70160.
Stddev	3.2	2.095	.275	.40	.0155	96.
%RSD	1.579	435.1	13.31	.5130	22.87	.1375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5156	5.896	.1842	3.028	2094.	1511.
Stddev	.1219	.157	.1714	1.000	14.	15.
%RSD	23.64	2.663	93.02	33.03	.6837	.9798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5266.	582.0	F 257200.	7.875	23.48	.4352
Stddev	13.	.4	2577.	.650	.94	.7402
%RSD	.2521	.0744	1.002	8.253	4.013	170.1
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61103-A-8-C@5 Acquired: 8/17/2013 19:39:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.187	1.437	.4081	60.75	11.70	-.1475
Stddev	.739	.902	.3282	.09	.37	.1266
%RSD	23.20	62.73	80.41	.1544	3.176	85.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6028	161.8	13.74	1251.
Stddev	.5437	.3	.70	8.
%RSD	90.19	.2124	5.078	.6375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5052.2	56501.	9097.0
Stddev	5.6	80.	28.1
%RSD	.11088	.14216	.30909

Sample Name: CCV Acquired: 8/17/2013 19:43:09 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126600.	2469.	1191.	9951.	988.0	121600.
Stddev	307.	2.	1.	8.	1.4	300.
%RSD	.2423	.0948	.1138	.0854	.1388	.2466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1246.	2491.	4785.	12620.	101400.	49750.
Stddev	2.	3.	10.	23.	260.	117.
%RSD	.1865	.1089	.2173	.1861	.2568	.2354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	4976.	128700.	2513.	7461.	953.0
Stddev	368.	13.	144.	3.	9.	2.0
%RSD	.3035	.2517	.1115	.1113	.1150	.2078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 19:43:09 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2419.	2448.	2420.	2463.	1000.	2464.
Stddev	2.	3.	3.	7.	2.	3.
%RSD	.0984	.1108	.1343	.3023	.1771	.1156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.4	4986.	9947.	9100.
Stddev	2.0	37.	15.	28.
%RSD	.1957	.7433	.1494	.3122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4953.9	55943.	8989.3
Stddev	1.4	213.	39.5
%RSD	.02784	.38143	.43974

Sample Name: CCB Acquired: 8/17/2013 19:46:44 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.699	-.7037	2.079	.3790	.0450	43.90
Stddev	18.67	1.114	.394	.1303	.0266	2.36
%RSD	1099.	158.4	18.95	34.39	59.01	5.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1081	.1983	.0153	1.127	7.281	.1661
Stddev	.0442	.1274	.1463	1.189	5.703	27.98
%RSD	40.89	64.24	957.8	105.4	78.33	16840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

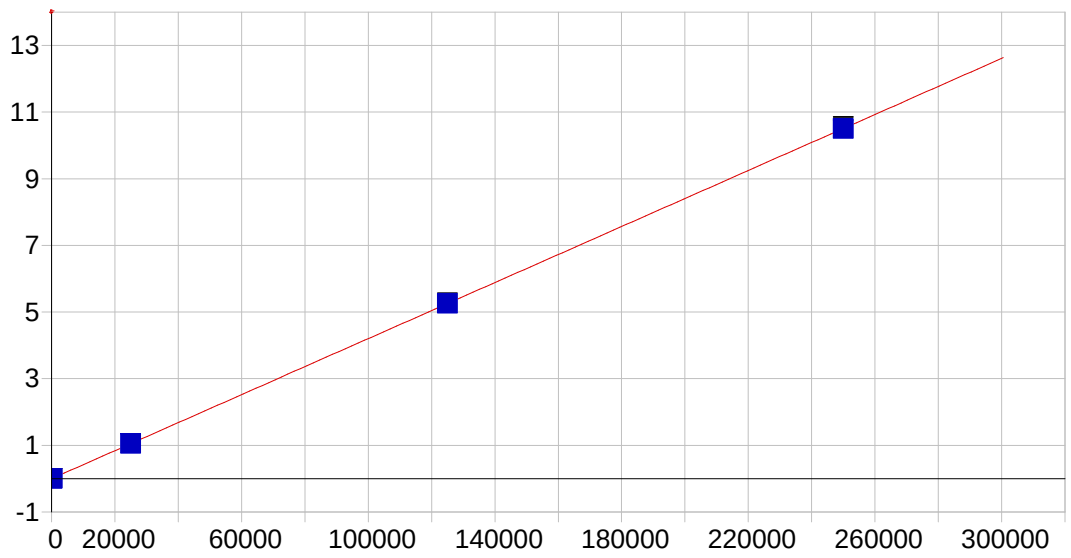
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2166	.1432	-22.08	-.0445	-.3031	.9820
Stddev	3.068	.0481	19.34	.3833	.8336	1.301
%RSD	1416.	33.58	87.58	861.6	275.0	132.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 19:46:44 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.690	.9462	.0748	-1.271	.1921	7.861
Stddev	1.640	.7279	.1423	.083	.5858	1.421
%RSD	60.97	76.93	190.3	6.545	305.0	18.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6216	.1118	1.704	-14.40
Stddev	.6400	.1018	1.244	12.62
%RSD	103.0	91.10	73.01	87.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5339.4	60887.	9147.2
Stddev	20.5	94.	57.6
%RSD	.38340	.15434	.62920

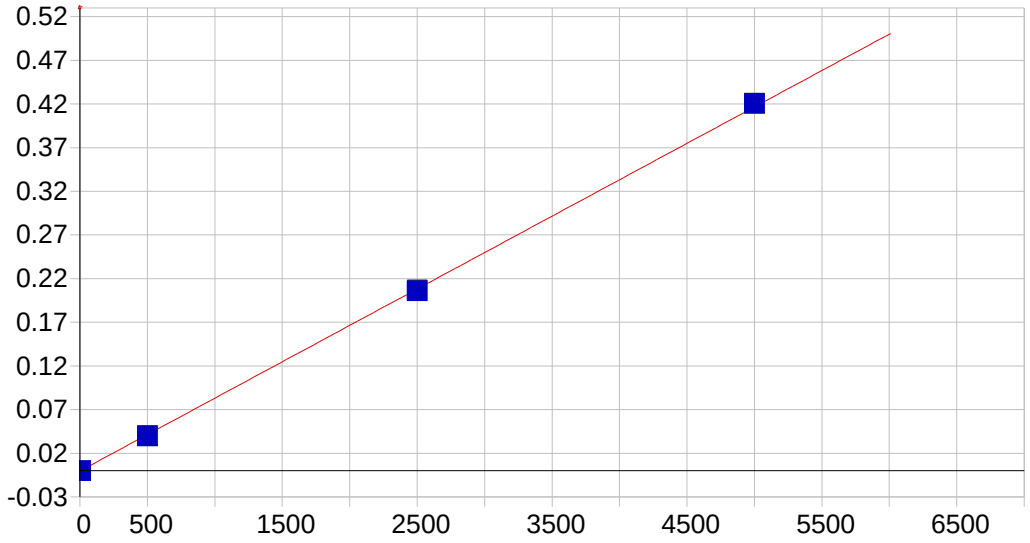


Al 396.152 { 85}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000859	Re-Slope:	1.000000
A1 (Gain):	0.000042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	1.000000	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	9.653542		
Predicted MQL:	32.178473		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00265	-.003	.000	-.00086	.000	1
DCAL2	200.00	202.23	2.23	1.11	.00768	.000	1
DCAL3	25000.	25047.	46.5	.186	1.0531	.002	1
DCAL4	125000.	125110.	112.	.089	5.2637	.006	1
DCAL5	250000.	249840.	-160.	-.064	10.512	.049	1

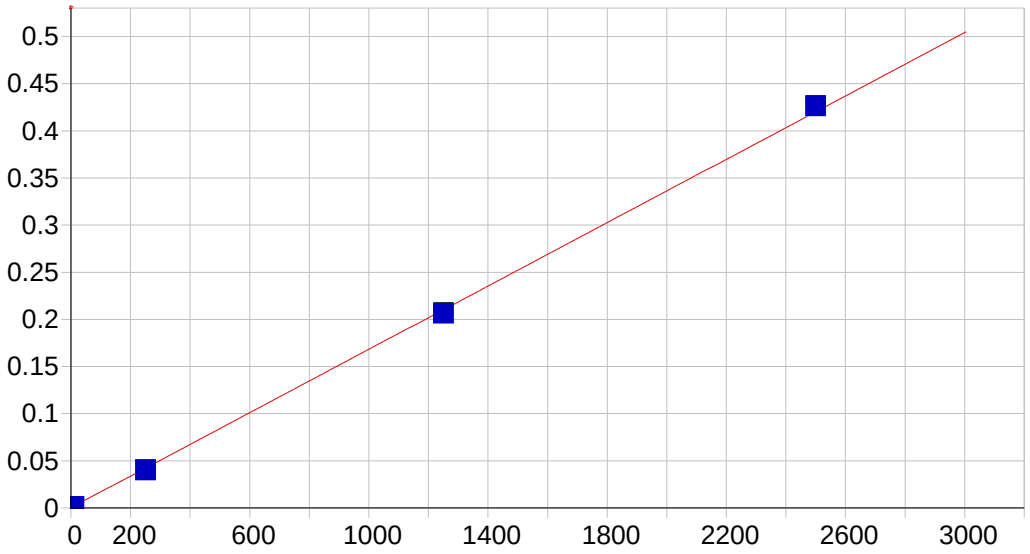


As 189.042 {478}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000329	Re-Slope:	1.000000
A1 (Gain):	0.000083	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	1.532256		
Predicted MQL:	5.107520		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00182	.002	.000	-.00033	.000	1
DCAL2	5.0000	3.3854	-1.61	-32.3	-.00004	.000	1
DCAL3	500.00	479.74	-20.3	-4.05	.03964	.000	1
DCAL4	2500.0	2473.5	-26.5	-1.06	.20576	.001	1
DCAL5	5000.0	5048.3	48.3	.967	.42029	.000	1

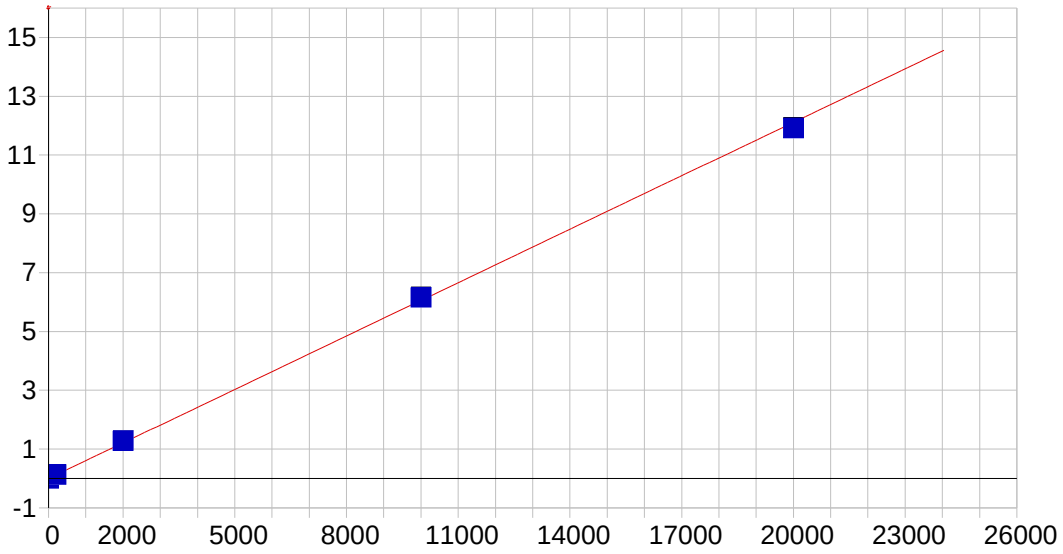


Ag 328.068 {103}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000212	Re-Slope:	1.000000
A1 (Gain):	0.000168	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999792	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.577511		
Predicted MQL:	1.925037		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00182	.002	.000	.00021	.000	1
DCAL2	10.000	8.6880	-1.31	-13.1	.00167	.000	1
DCAL3	250.00	238.16	-11.8	-4.73	.04021	.000	1
DCAL4	1250.0	1227.1	-22.9	-1.83	.20632	.000	1
DCAL5	2500.0	2536.0	36.0	1.44	.42617	.000	1

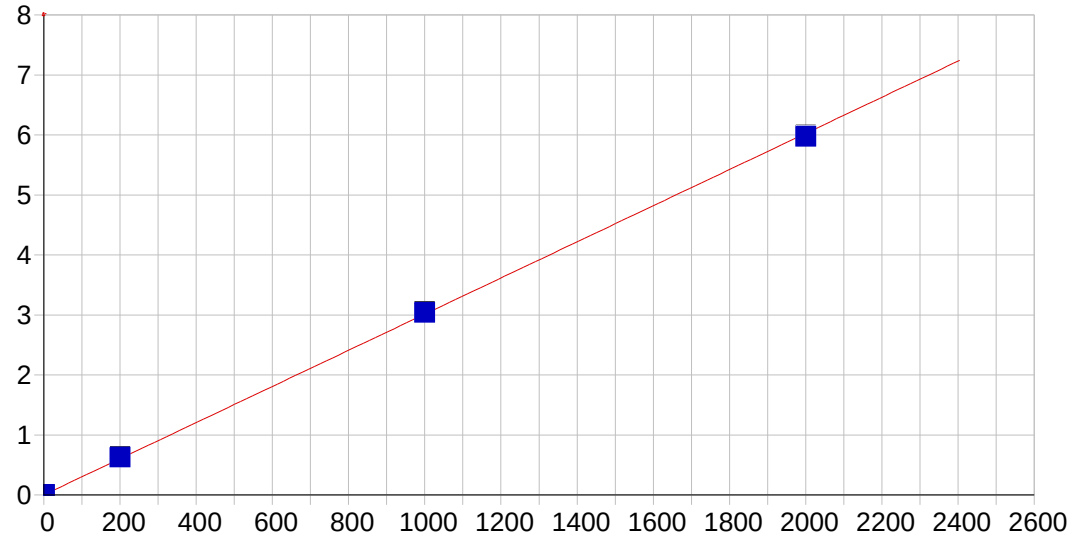


Ba 233.527 {445}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000036	Re-Slope:	1.000000
A1 (Gain):	0.000606	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999721	Status:	OK.
Std Error of Est:	0.001481		
Predicted MDL:	0.205761		
Predicted MQL:	0.685870		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.03201	-.032	.000	.00002	.000	1
DCAL2	200.00	219.12	19.1	9.56	.13271	.000	1
DCAL3	2000.0	2125.8	126.	6.29	1.2865	.002	1
DCAL4	10000.	10176.	176.	1.76	6.1575	.000	1
DCAL5	20000.	19679.	-321.	-1.60	11.908	.006	1

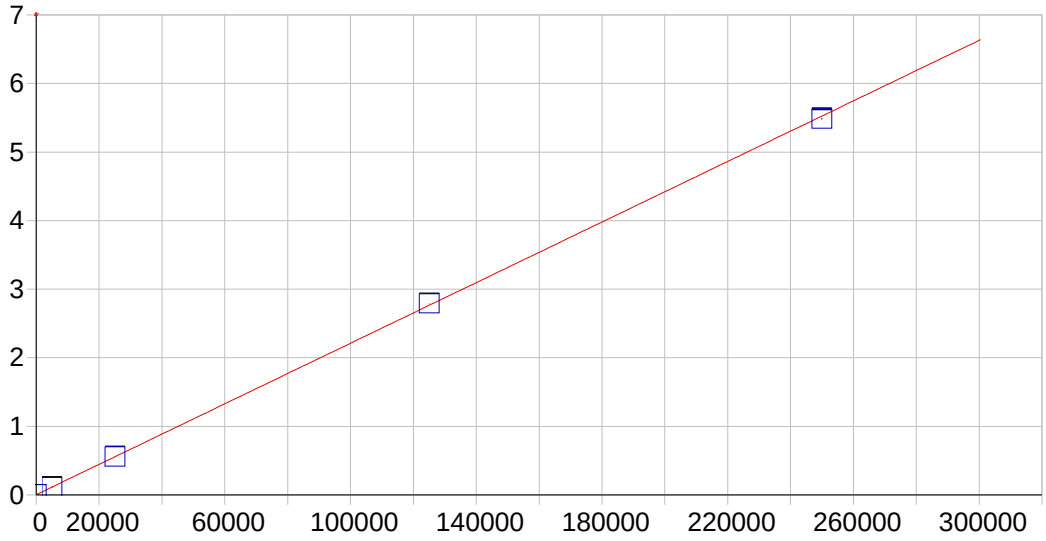


Be 313.042 {108}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000663	Re-Slope:	1.000000
A1 (Gain):	0.003012	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000131		
Predicted MDL:	0.092180		
Predicted MQL:	0.307268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00026	-.000	.000	.00066	.000	1
DCAL2	2.0000	2.1821	.182	9.11	.00731	.000	1
DCAL3	200.00	208.09	8.09	4.04	.62895	.000	1
DCAL4	1000.0	1008.9	8.93	.893	3.0472	.004	1
DCAL5	2000.0	1982.8	-17.2	-.860	5.9880	.006	1

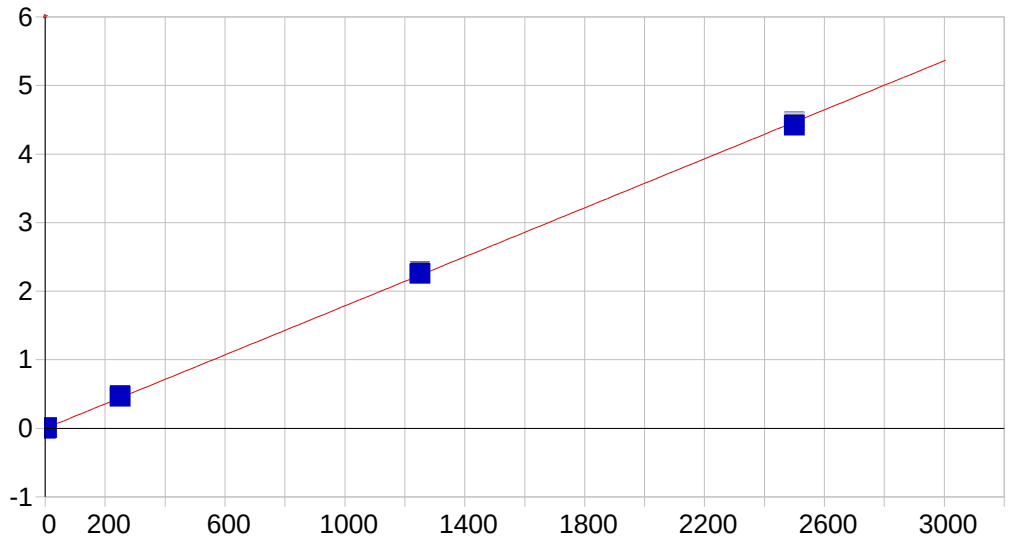


Ca 318.128 {106}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003643	Re-Slope:	1.000000
A1 (Gain):	0.000022	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000370		
Predicted MDL:	4.637513		
Predicted MQL:	15.458378		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.21649	-.216	.000	.00364	.000	1
DCAL2	5000.0	5140.1	140.	2.80	.11718	.000	1
DCAL3	25000.	25292.	292.	1.17	.56229	.002	1
DCAL4	125000.	126330.	1330.	1.06	2.7939	.003	1
DCAL5	250000.	248240.	-1760.	-.703	5.4867	.010	1

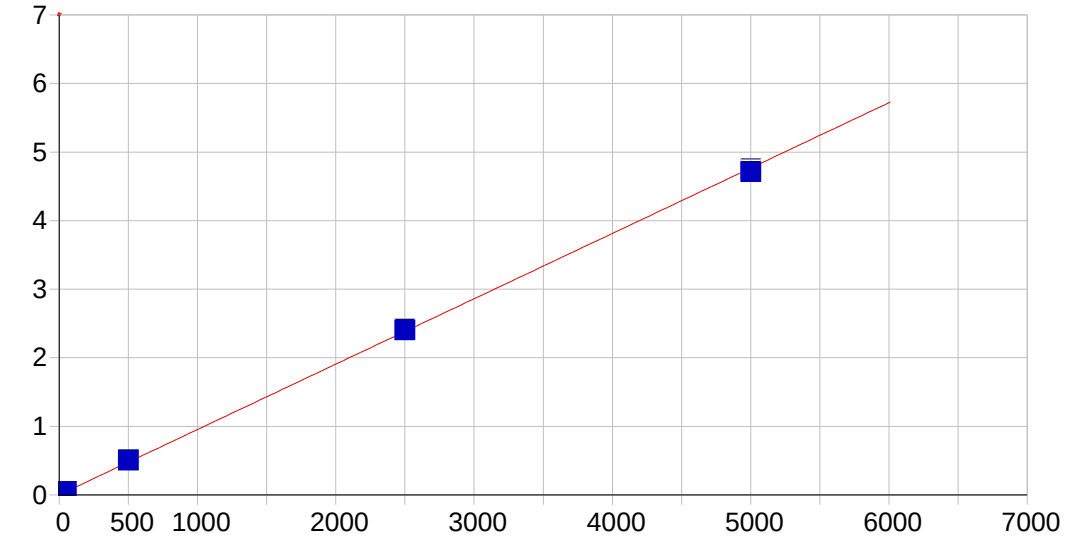


Cd 226.502 {449}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000683	Re-Slope:	1.000000
A1 (Gain):	0.001787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000148		
Predicted MDL:	0.107077		
Predicted MQL:	0.356924		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00043	-.000	.000	-.00068	.000	1
DCAL2	4.0000	4.2336	.234	5.84	.00691	.000	1
DCAL3	250.00	262.04	12.0	4.82	.47181	.001	1
DCAL4	1250.0	1264.0	14.0	1.12	2.2792	.001	1
DCAL5	2500.0	2473.7	-26.3	-1.05	4.4621	.001	1

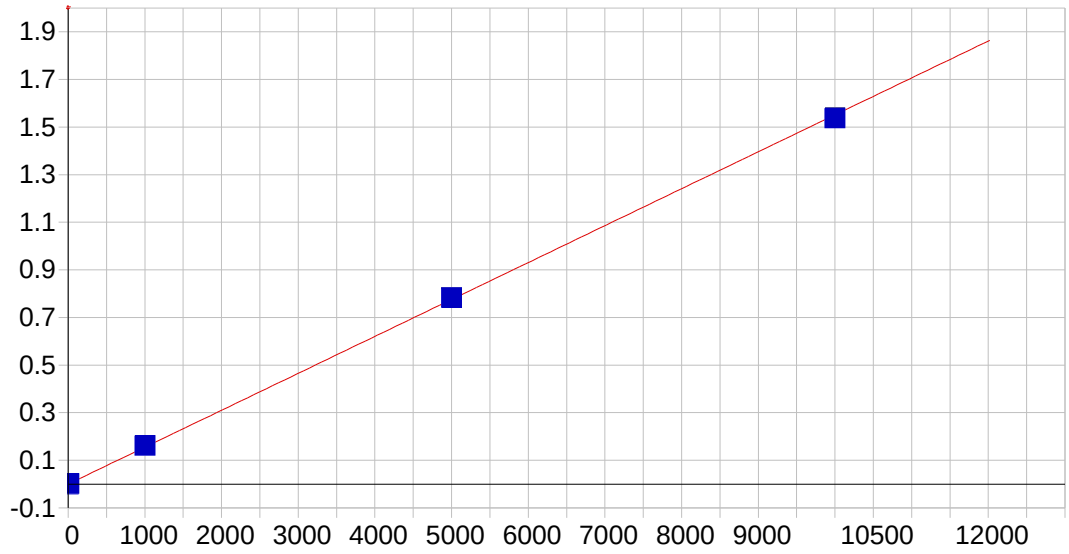


Co 228.616 {447}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000760	Re-Slope:	1.000000
A1 (Gain):	0.000953	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999832	Status:	OK.
Std Error of Est:	0.000456		
Predicted MDL:	0.224564		
Predicted MQL:	0.748548		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00706	-.007	.000	.00075	.000	1
DCAL2	50.000	54.375	4.38	8.75	.05261	.000	1
DCAL3	500.00	527.77	27.8	5.55	.50758	.001	1
DCAL4	2500.0	2523.0	23.0	.919	2.4244	.001	1
DCAL5	5000.0	4944.9	-55.1	-1.10	4.7518	.000	1

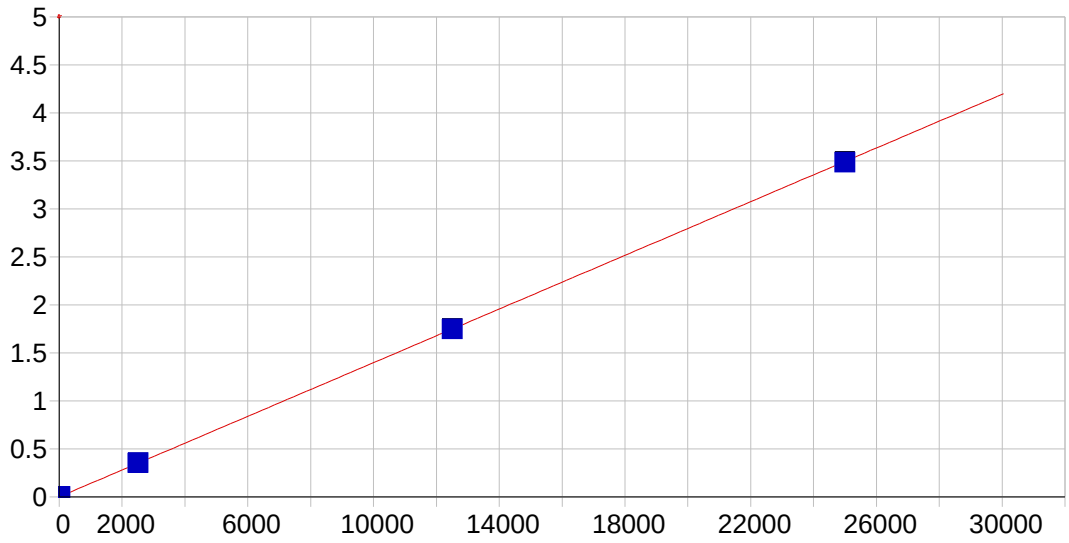


Cr 267.716 {126}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000014	Re-Slope:	1.000000
A1 (Gain):	0.000155	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.423378		
Predicted MQL:	1.411260		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00153	-.002	.000	-.00001	.000	1
DCAL2	10.000	11.115	1.11	11.1	.00172	.000	1
DCAL3	1000.0	1041.2	41.2	4.12	.16160	.000	1
DCAL4	5000.0	5047.6	47.6	.951	.78351	.000	1
DCAL5	10000.	9910.1	-89.9	-.899	1.5383	.001	1

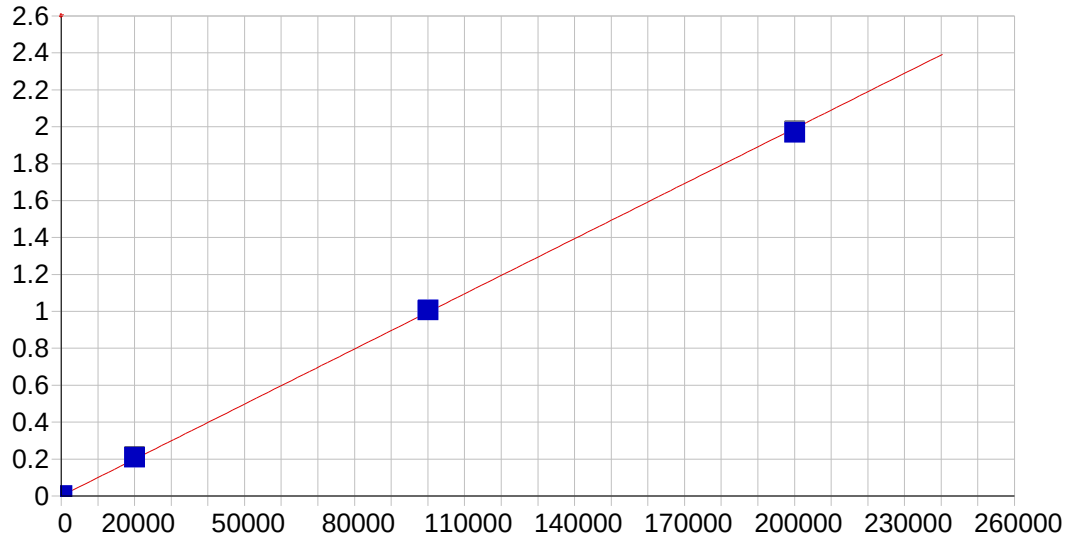


Cu 324.754 {104}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000838	Re-Slope:	1.000000
A1 (Gain):	0.000140	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	2.032311		
Predicted MQL:	6.774369		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00117	.001	.000	.00084	.000	1
DCAL1	10.000	8.2810	-1.72	-17.2	.00199	.000	1
DCAL2	25.000	26.018	1.02	4.07	.00447	.000	1
DCAL3	2500.0	2538.1	38.1	1.52	.35508	.000	1
DCAL4	12500.	12513.	13.4	.107	1.7473	.002	1
DCAL5	25000.	24949.	-50.8	-.203	3.4829	.002	1

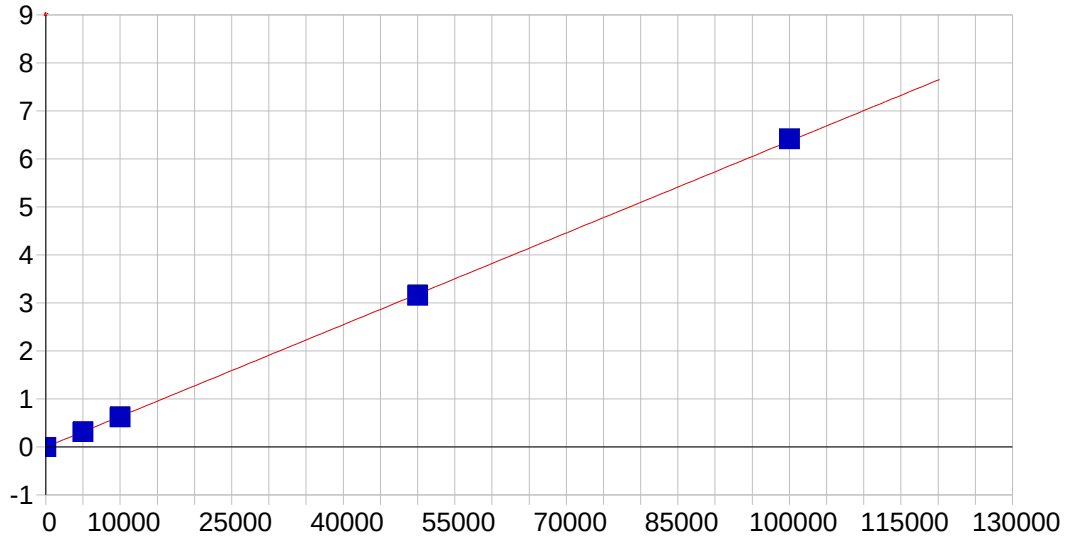


Fe 271.441 {124}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000136	Re-Slope:	1.000000
A1 (Gain):	0.000010	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	7.422014		
Predicted MQL:	24.740047		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.04215	-.042	.000	.00014	.000	1
DCAL1	100.00	112.50	12.5	12.5	.00126	.000	1
DCAL2	150.00	186.87	36.9	24.6	.00204	.000	1
DCAL3	20000.	21000.	1000.	5.00	.20965	.001	1
DCAL4	100000.	101200.	1200.	1.20	1.0099	.001	1
DCAL5	200000.	197750.	-2250.	-1.13	1.9733	.003	1

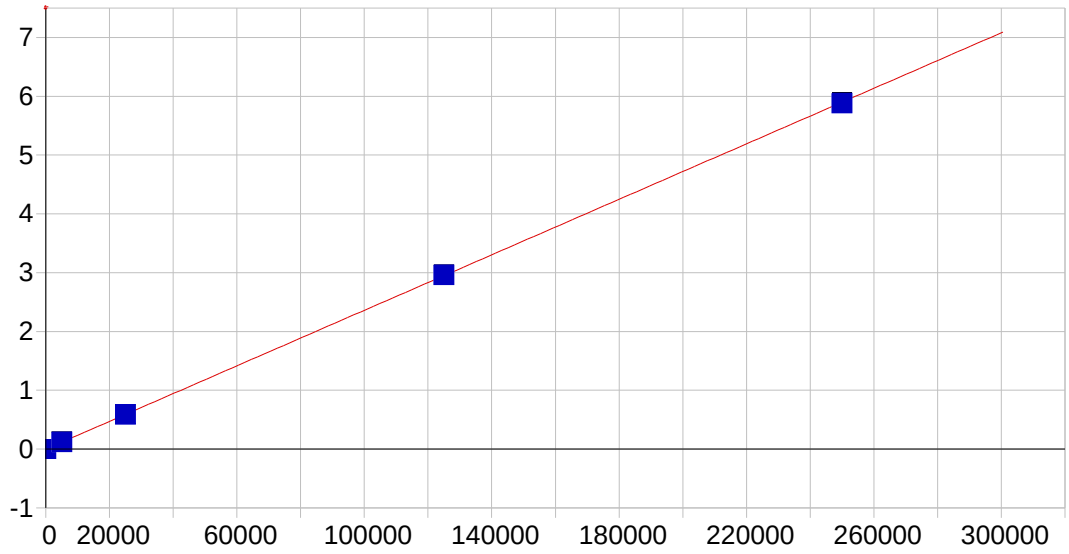


K 766.490 { 44}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002551	Re-Slope:	1.000000
A1 (Gain):	0.000064	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000745		
Predicted MDL:	21.797950		
Predicted MQL:	72.659833		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.19589	.196	.000	-.00254	.002	1
DCAL2	5000.0	4938.1	-61.9	-1.24	.31209	.001	1
DCAL3	10000.	9742.2	-258.	-2.58	.61844	.002	1
DCAL4	50000.	49579.	-421.	-.842	3.1577	.001	1
DCAL5	100000.	100740.	741.	.741	6.4188	.003	1

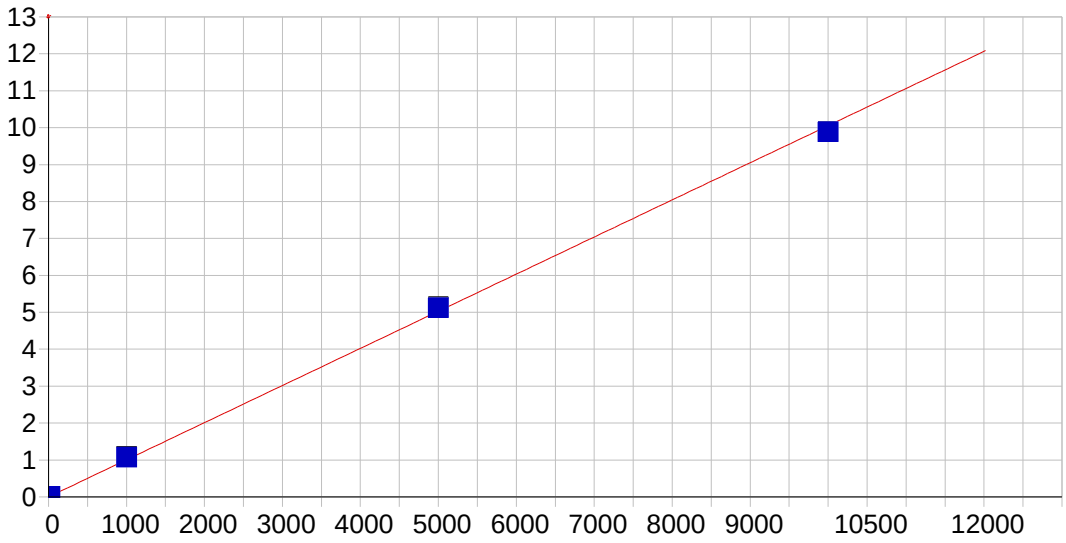


Mg 279.079 {121}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000014	Re-Slope:	1.000000
A1 (Gain):	0.000024	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000214		
Predicted MDL:	3.198017		
Predicted MQL:	10.660055		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.14670	-.147	.000	-.00002	.000	1
DCAL2	5000.0	5160.8	161.	3.22	.12177	.000	1
DCAL3	25000.	24876.	-124.	-.497	.58660	.002	1
DCAL4	125000.	125570.	574.	.459	2.9613	.005	1
DCAL5	250000.	249390.	-611.	-.244	5.8810	.009	1

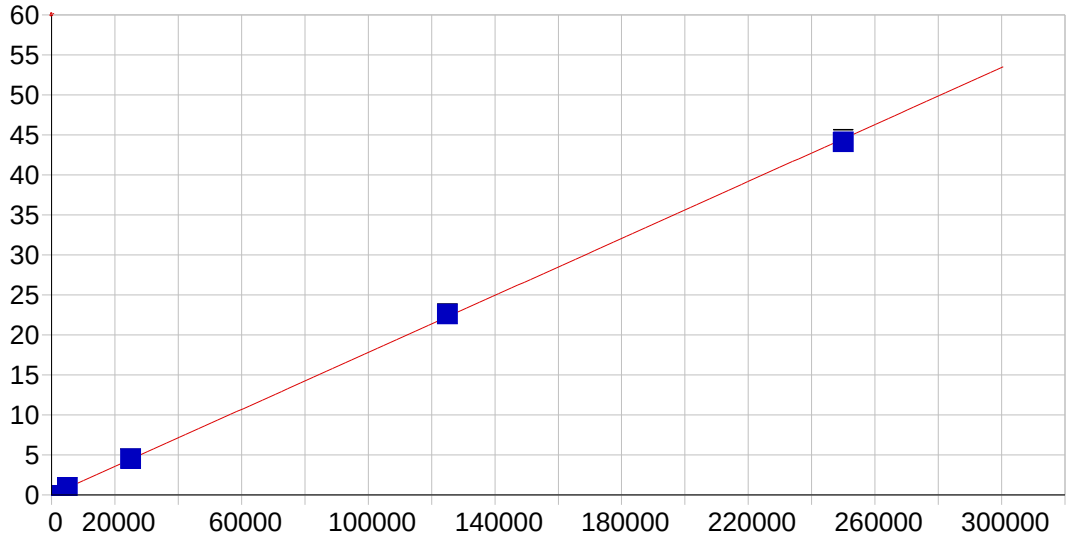


Mn 257.610 {131}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000074	Re-Slope:	1.000000
A1 (Gain):	0.001006	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000500		
Predicted MDL:	0.060507		
Predicted MQL:	0.201692		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00284	-.003	.000	.00007	.000	1
DCAL2	15.000	16.747	1.75	11.6	.01692	.000	1
DCAL3	1000.0	1070.8	70.8	7.08	1.0768	.002	1
DCAL4	5000.0	5096.0	96.0	1.92	5.1244	.012	1
DCAL5	10000.	9831.5	-169.	-1.69	9.8861	.006	1

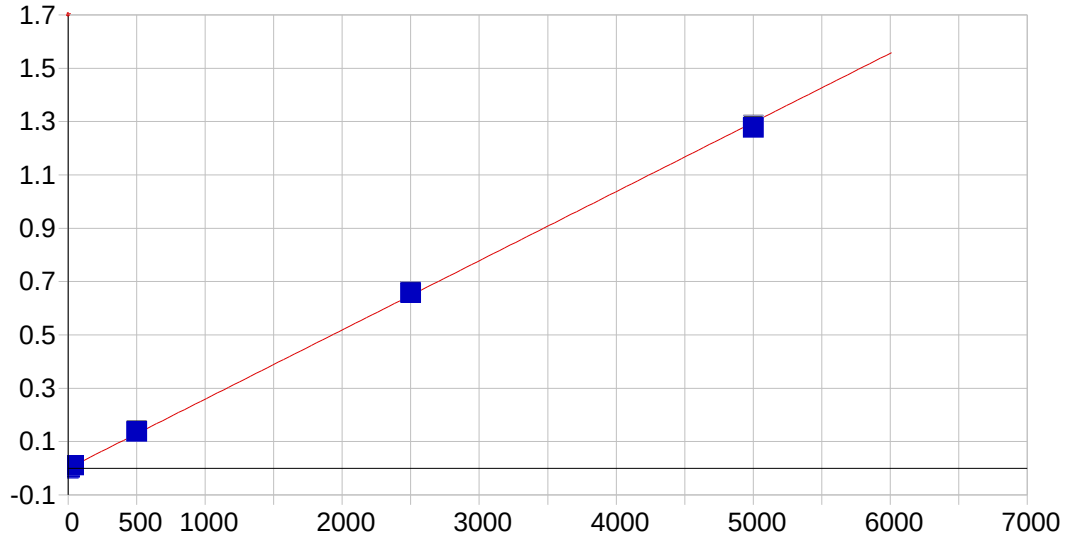


Na 589.592 { 57}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007076	Re-Slope:	1.000000
A1 (Gain):	0.000178	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.003909		
Predicted MDL:	7.079912		
Predicted MQL:	23.599705		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.23906	-.239	.000	.00703	.001	1
DCAL2	5000.0	5149.8	150.	3.00	.92404	.002	1
DCAL3	25000.	25305.	305.	1.22	4.5141	.006	1
DCAL4	125000.	126870.	1870.	1.50	22.605	.046	1
DCAL5	250000.	247670.	-2330.	-.931	44.121	.310	1

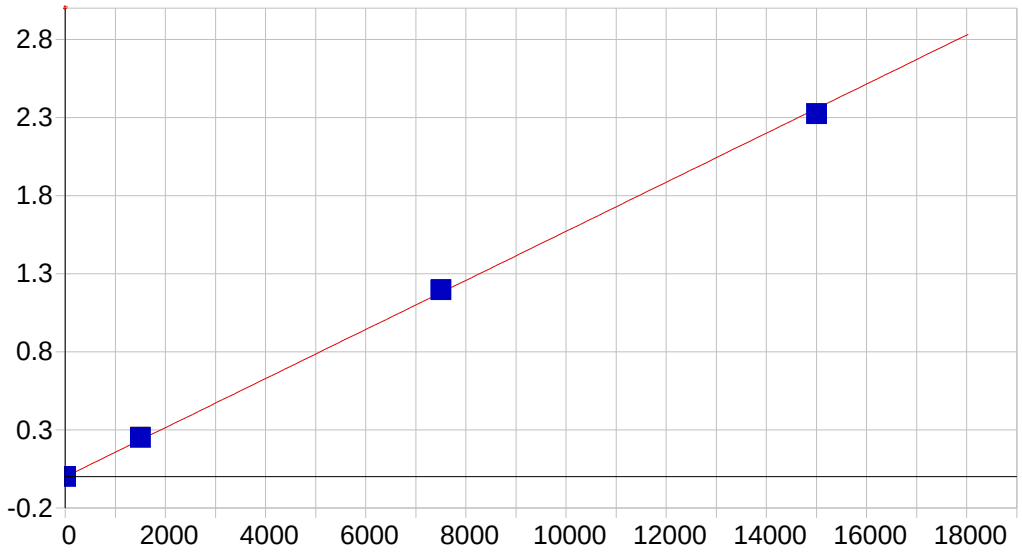


Ni 231.604 {446}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000139	Re-Slope:	1.000000
A1 (Gain):	0.000259	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999728	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.594543		
Predicted MQL:	1.981811		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00312	-.003	.000	-.00014	.000	1
DCAL1	10.000	11.348	1.35	13.5	.00281	.000	1
DCAL2	40.000	44.538	4.54	11.3	.01145	.000	1
DCAL3	500.00	532.06	32.1	6.41	.13857	.000	1
DCAL4	2500.0	2537.1	37.1	1.48	.66145	.000	1
DCAL5	5000.0	4925.0	-75.0	-1.50	1.2844	.001	1

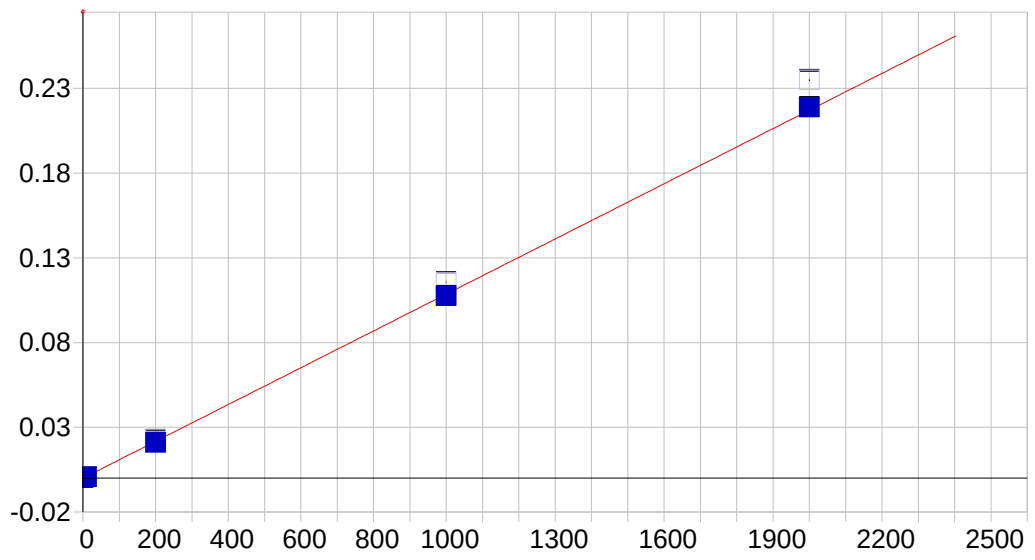


Pb 220.353 {453}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000067	Re-Slope:	1.000000
A1 (Gain):	0.000157	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999755	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	1.214754		
Predicted MQL:	4.049179		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00146	-.001	.000	-.00007	.000	1
DCAL2	5.0000	6.1224	1.12	22.4	.00091	.000	1
DCAL3	1500.0	1599.7	99.7	6.65	.25122	.000	1
DCAL4	7500.0	7615.1	115.	1.53	1.1961	.001	1
DCAL5	15000.	14784.	-216.	-1.44	2.3221	.000	1

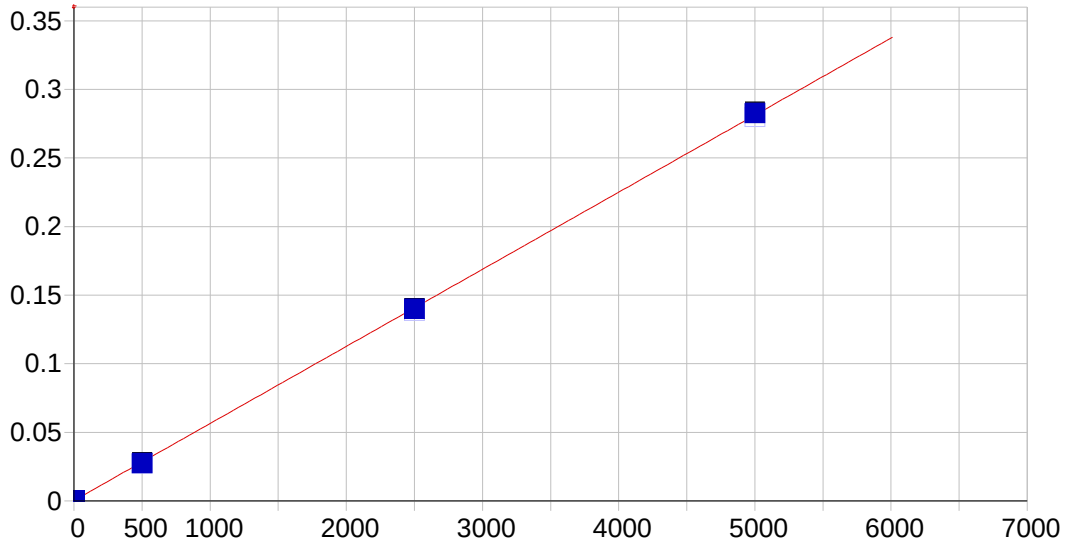


Sb 206.833 {463}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000049	Re-Slope:	1.000000
A1 (Gain):	0.000109	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	1.497780		
Predicted MQL:	4.992599		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00241	.002	.000	-.00005	.000	1
DCAL2	10.000	7.8892	-2.11	-21.1	.00074	.000	1
DCAL3	200.00	194.00	-6.00	-3.00	.02262	.000	1
DCAL4	1000.0	991.81	-8.19	-.819	.11566	.000	1
DCAL5	2000.0	2016.0	16.0	.802	.23488	.000	1

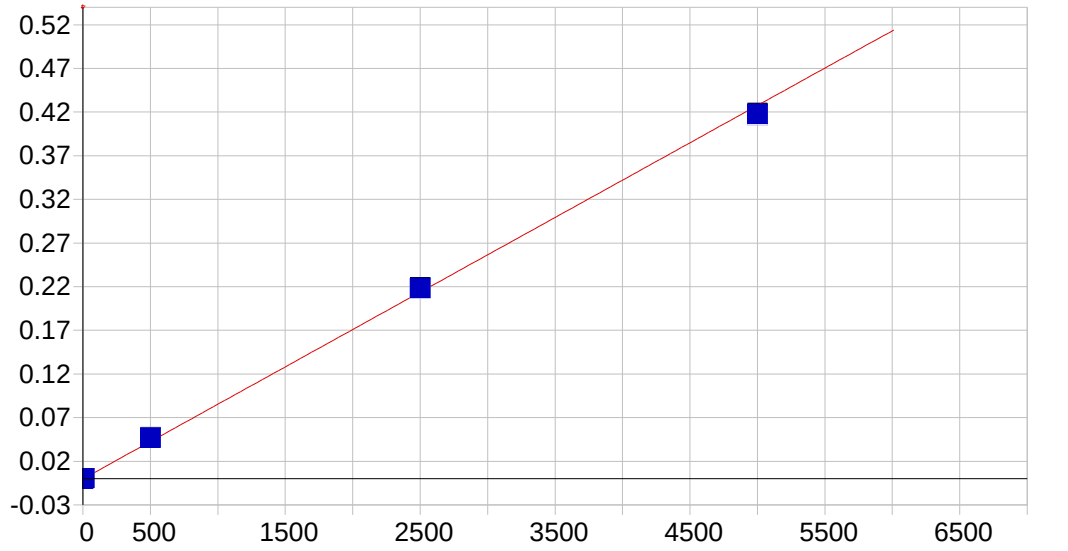


Se 196.090 {472}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000247	Re-Slope:	1.000000
A1 (Gain):	0.000056	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	1.957756		
Predicted MQL:	6.525852		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00039	.000	.000	.00025	.000	1
DCAL2	5.0000	4.7364	-.264	-5.27	.00051	.000	1
DCAL3	500.00	487.05	-13.0	-2.59	.02734	.000	1
DCAL4	2500.0	2487.0	-13.0	-.521	.13862	.000	1
DCAL5	5000.0	5026.3	26.3	.525	.27994	.001	1

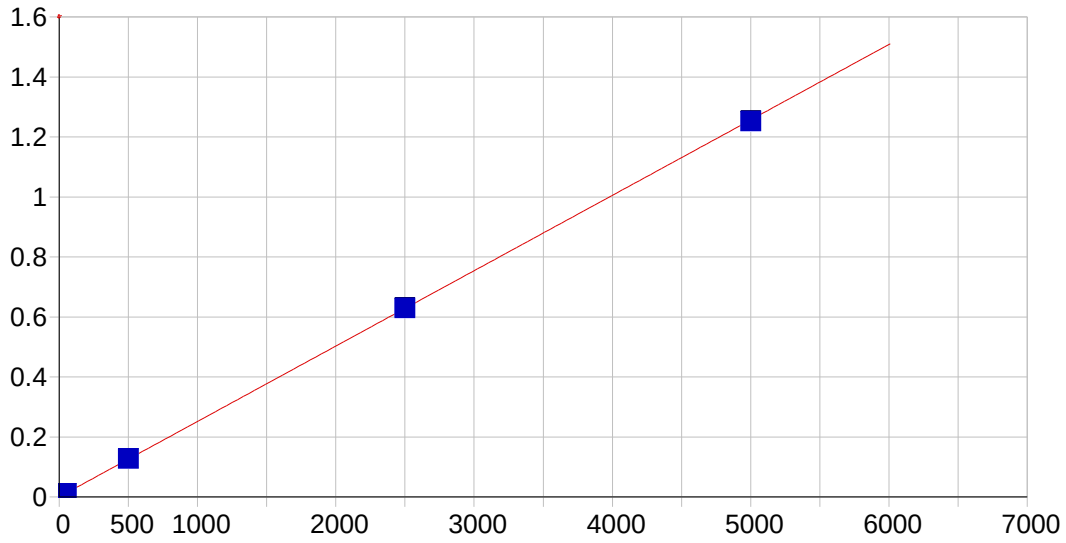


Tl 190.856 {477}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000229	Re-Slope:	1.000000
A1 (Gain):	0.000086	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999374	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	1.403049		
Predicted MQL:	4.676829		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00290	-.003	.000	-.00023	.000	1
DCAL2	10.000	11.829	1.83	18.3	.00078	.000	1
DCAL3	500.00	553.19	53.2	10.6	.04693	.000	1
DCAL4	2500.0	2558.8	58.8	2.35	.21782	.000	1
DCAL5	5000.0	4886.2	-114.	-2.28	.41608	.001	1

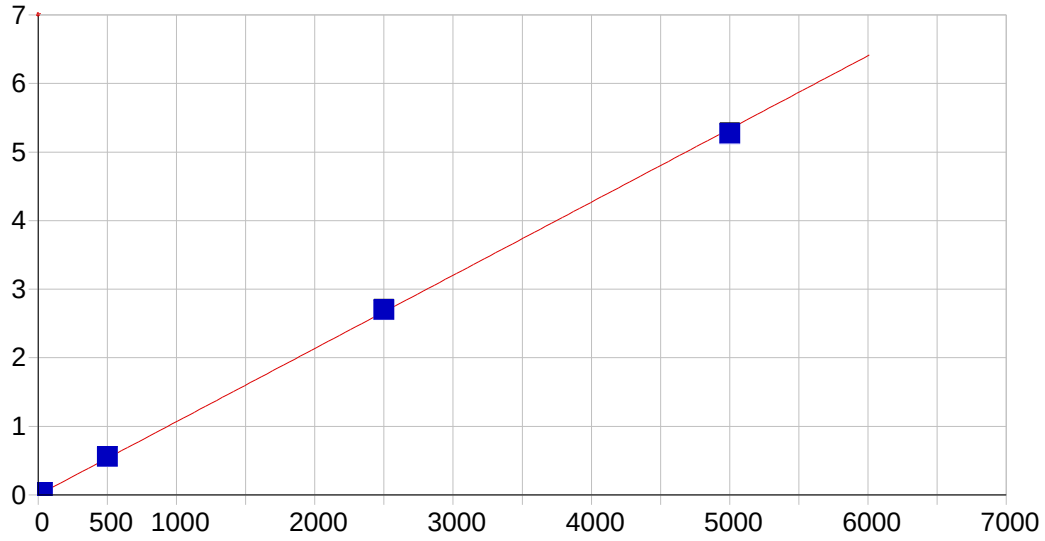


V 292.402 {115}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000070	Re-Slope:	1.000000
A1 (Gain):	0.000251	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000035		
Predicted MDL:	0.338805		
Predicted MQL:	1.129349		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00239	-.002	.000	.00007	.000	1
DCAL2	50.000	51.692	1.69	3.38	.01304	.000	1
DCAL3	500.00	507.19	7.19	1.44	.12726	.000	1
DCAL4	2500.0	2506.6	6.62	.265	.62865	.000	1
DCAL5	5000.0	4984.5	-15.5	-.310	1.2500	.001	1

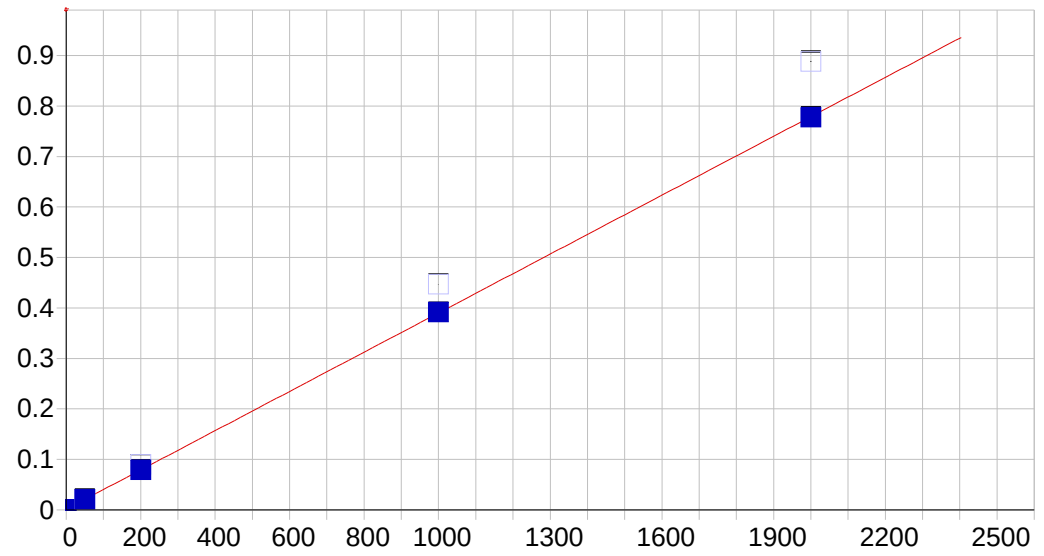


Zn 206.200 {463}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000923	Re-Slope:	1.000000
A1 (Gain):	0.001067	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999838	Status:	OK.
Std Error of Est:	0.000211		
Predicted MDL:	0.151565		
Predicted MQL:	0.505217		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00256	-.003	.000	.00092	.000	1
DCAL2	30.000	33.006	3.01	10.0	.03632	.000	1
DCAL3	500.00	523.02	23.0	4.60	.55759	.000	1
DCAL4	2500.0	2532.2	32.2	1.29	2.6958	.001	1
DCAL5	5000.0	4940.7	-59.3	-1.19	5.2586	.004	1
DCAL1	10.000	11.087	1.09	10.9	.01276	.000	1

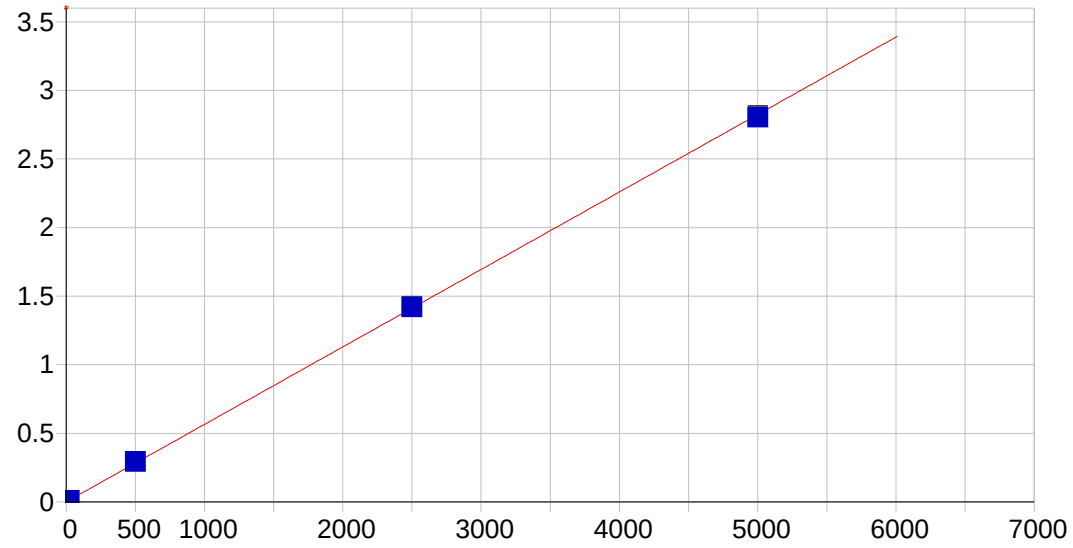


B 208.959 {461}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001436	Re-Slope:	1.000000
A1 (Gain):	0.000389	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999997	Status:	OK.
Std Error of Est:	0.000016		
Predicted MDL:	0.442454		
Predicted MQL:	1.474845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00025	.000	.000	.00144	.000	1
DCAL2	50.000	49.754	-.246	-.492	.02122	.000	1
DCAL3	200.00	199.55	-.451	-.226	.09006	.000	1
DCAL4	1000.0	1003.8	3.80	.380	.44690	.000	1
DCAL5	2000.0	1996.9	-3.12	-.156	.88820	.001	1

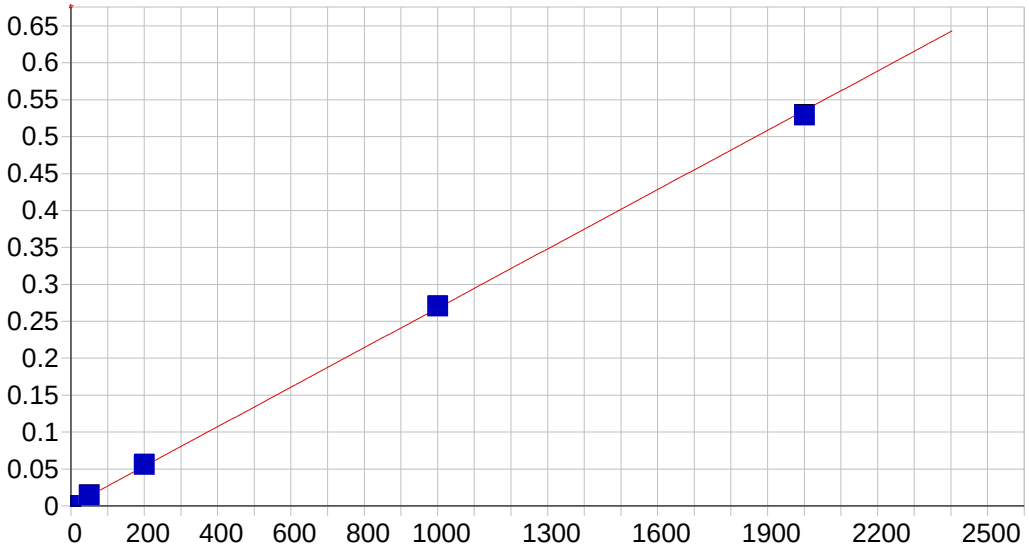


Mo 202.030 {467}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000541	Re-Slope:	1.000000
A1 (Gain):	0.000565	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.224376		
Predicted MQL:	0.747921		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00115	-.001	.000	.00054	.000	1
DCAL2	20.000	20.404	.404	2.02	.01209	.000	1
DCAL3	500.00	519.10	19.1	3.82	.29383	.001	1
DCAL4	2500.0	2515.7	15.7	.628	1.4219	.004	1
DCAL5	5000.0	4964.8	-35.2	-.704	2.8057	.007	1

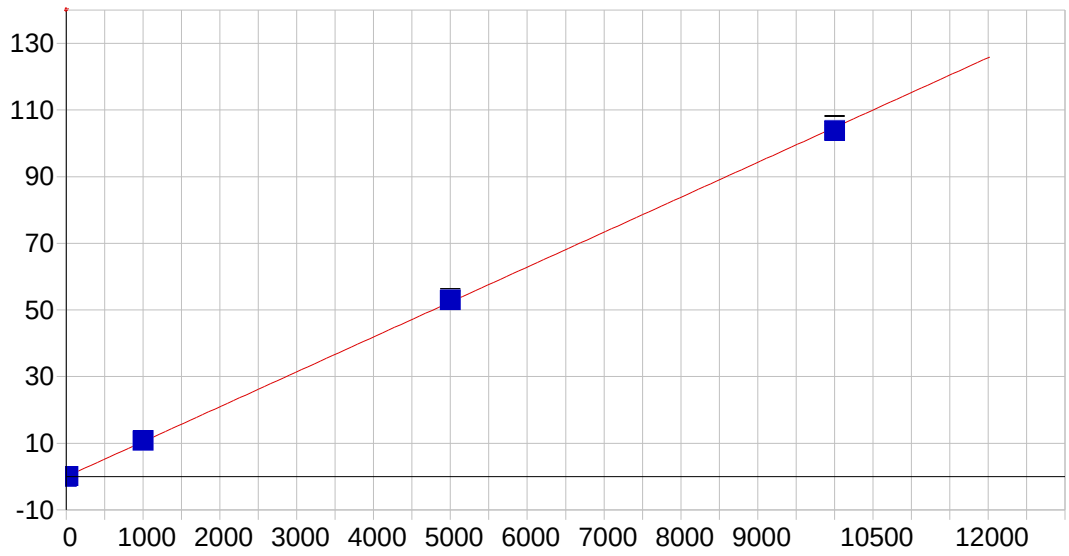


Sn 189.989 {477}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000250	Re-Slope:	1.000000
A1 (Gain):	0.000268	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999845	Status:	OK.
Std Error of Est:	0.000078		
Predicted MDL:	0.442384		
Predicted MQL:	1.474612		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00581	-.006	.000	.00025	.000	1
DCAL2	50.000	53.701	3.70	7.40	.01462	.000	1
DCAL3	200.00	208.64	8.64	4.32	.05603	.000	1
DCAL4	1000.0	1010.3	10.3	1.03	.27035	.000	1
DCAL5	2000.0	1977.4	-22.6	-1.13	.52891	.001	1

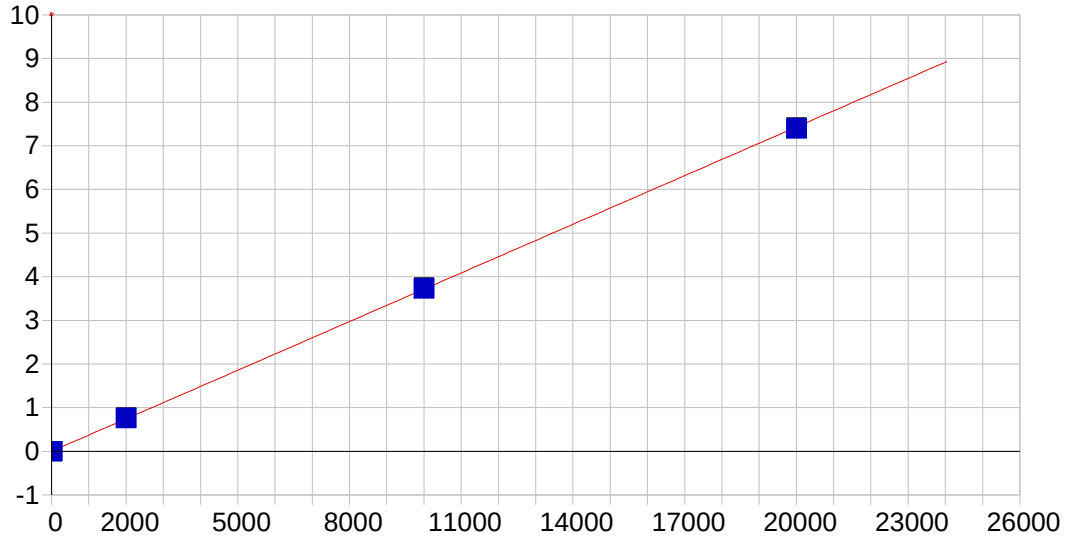


Sr 407.771 { 83}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000093	Re-Slope:	1.000000
A1 (Gain):	0.010477	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.003174		
Predicted MDL:	0.060043		
Predicted MQL:	0.200143		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00188	-.002	.000	-.00011	.000	1
DCAL2	20.000	21.148	1.15	5.74	.22183	.001	1
DCAL3	1000.0	1034.2	34.2	3.42	10.850	.009	1
DCAL4	5000.0	5057.5	57.5	1.15	53.062	.322	1
DCAL5	10000.	9907.2	-92.8	-.928	103.95	1.37	1

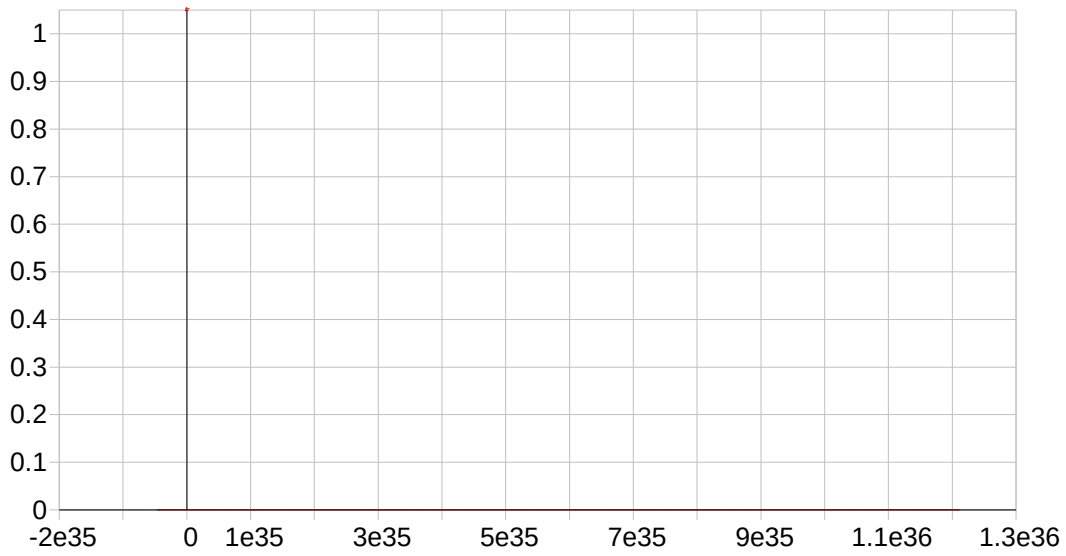


Ti 334.941 {101}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000533	Re-Slope:	1.000000
A1 (Gain):	0.000372	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.880421		
Predicted MQL:	2.934738		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00159	-.002	.000	-.00053	.000	1
DCAL2	20.000	21.111	1.11	5.56	.00732	.000	1
DCAL3	2000.0	2048.6	48.6	2.43	.76162	.001	1
DCAL4	10000.	10043.	43.3	.433	3.7360	.006	1
DCAL5	20000.	19907.	-93.0	-.465	7.4058	.003	1

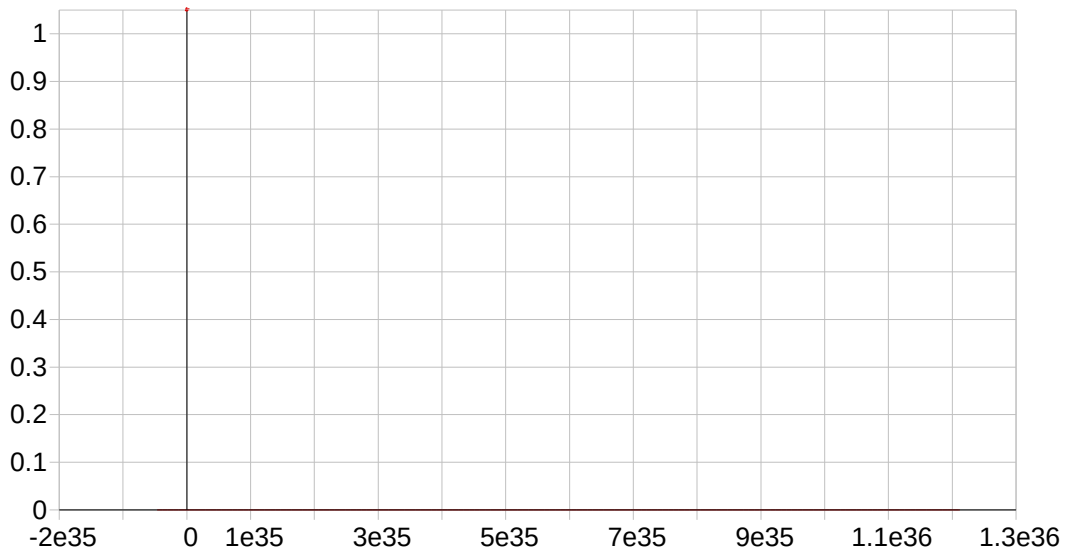


Y 224.306 {450}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

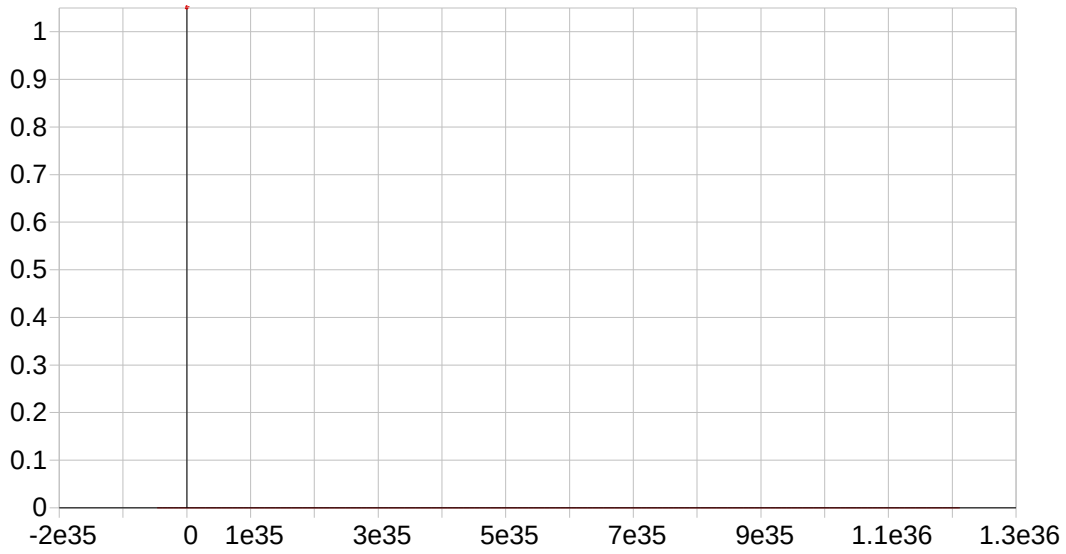


Y 360.073 { 94}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



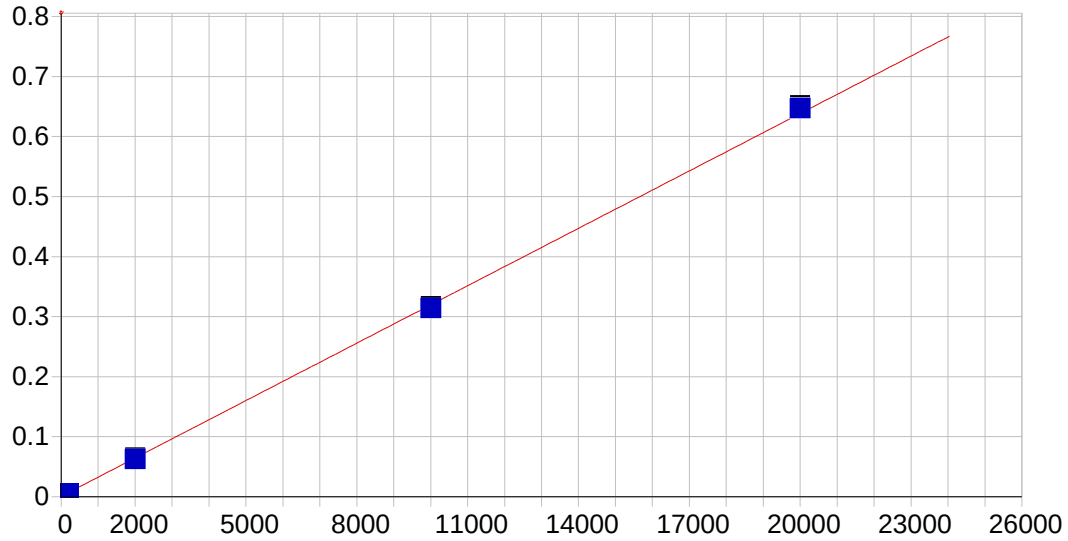
Y 371.030 { 91}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	192.759705			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	8/18/2013 11:03:32	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000852	Re-Slope:	1.000000
A1 (Gain):	0.000032	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999546	Status:	OK.
Std Error of Est:	0.000099		
Predicted MDL:	15.422141		
Predicted MQL:	51.407138		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.07049	.070	.000	.00085	.000	1
DCAL2	200.00	135.40	-64.6	-32.3	.00517	.000	1
DCAL3	2000.0	1945.7	-54.3	-2.71	.06276	.001	1
DCAL4	10000.	9834.9	-165.	-1.65	.31377	.003	1
DCAL5	20000.	20284.	284.	1.42	.64628	.004	1

Sample Name: CAL_BLK Acquired: 8/17/2013 10:08:43 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0012	-.0003	-.0003	-.0001	.0010	.0024
Stddev	.0002	.0001	.0000	.0001	.0000	.0001
%RSD	12.32	15.29	15.23	132.4	3.518	3.977

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	.0004	.0000	.0010	.0001	.0000
Stddev	.0001	.0001	.0000	.0001	.0000	.0001
%RSD	19.96	32.27	4177.	12.34	43.48	27600.

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	.0001	.0099	-.0001	.0001	-.0002
Stddev	.0000	.0000	.0005	.0001	.0001	.0001
%RSD	51.57	24.39	4.653	93.66	188.7	28.09

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0003	.0001	.0023	.0017	.0004
Stddev	.0000	.0000	.0001	.0001	.0000	.0001
%RSD	16.63	7.909	51.28	4.643	2.903	23.97

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	.0001	-.0004	.0014
Stddev	.0001	.0001	.0003	.0004
%RSD	52.57	177.8	78.69	27.96

Sample Name: CAL_BLK Acquired: 8/17/2013 10:08:43 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5568.2	62773.	10156.
Stddev	11.4	26.	18.
%RSD	.20465	.04066	.17517

Sample Name: DCAL1 Acquired: 8/17/2013 10:12:27 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0027	.0010	.0023	.0111
Stddev	.0003	.0000	.0001	.0000
%RSD	12.50	1.678	3.928	.3697

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5541.0	62295.	10004.
Stddev	8.0	68.	47.
%RSD	.14455	.10967	.46495

Sample Name: DCAL2 Acquired: 8/17/2013 10:16:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0079	-.0000	.0012	.1139	.0082	.1026
Stddev	.0004	.0000	.0000	.0002	.0003	.0001
%RSD	5.025	34.02	2.156	.1644	3.955	.1311

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0060	.0448	.0012	.0050	.0017	.3315
Stddev	.0001	.0001	.0000	.0003	.0000	.0012
%RSD	1.918	.2735	3.455	5.078	2.855	.3586

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1053	.0144	.9534	.0097	.0008	.0007
Stddev	.0002	.0001	.0007	.0001	.0002	.0002
%RSD	.1536	.4239	.0756	.9367	24.02	32.30

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0005	.0007	.0114	.0319	.0184	.0103
Stddev	.0001	.0000	.0000	.0002	.0002	.0001
%RSD	22.04	7.296	.3548	.7252	.9541	1.126

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0127	.2411	.0080	.0053
Stddev	.0001	.0007	.0003	.0007
%RSD	1.043	.2732	3.251	12.67

Sample Name: DCAL2 Acquired: 8/17/2013 10:16:11 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5495.6	61775.	9937.8
Stddev	4.4	127.	22.1
%RSD	.08009	.20518	.22243

Sample Name: DCAL3 Acquired: 8/17/2013 10:19:49 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.120	.0342	.0345	1.110	.6957	.4964
Stddev	.004	.0002	.0002	.001	.0016	.0005
%RSD	.3758	.6296	.4443	.1282	.2315	.1094

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4083	.4364	.1187	.3831	.1765	.6594
Stddev	.0006	.0001	.0004	.0008	.0001	.0010
%RSD	.1357	.0273	.3058	.2196	.0581	.1504

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.5084	.9259	4.690	.1191	.2190	.0198
Stddev	.0007	.0004	.005	.0002	.0001	.0002
%RSD	.1416	.0442	.1089	.1622	.0513	1.165

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0237	.0411	.1114	.4930	.0771	.2519
Stddev	.0001	.0002	.0002	.0014	.0002	.0007
%RSD	.5167	.4751	.2084	.2825	.3232	.2937

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0485	11.87	.8440	.0598
Stddev	.0001	.01	.0005	.0013
%RSD	.2150	.0479	.0563	2.103

Sample Name: DCAL3 Acquired: 8/17/2013 10:19:49 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5347.0	59930.	9728.0
Stddev	11.7	212.	30.0
%RSD	.21827	.35342	.30807

Sample Name: DCAL4 Acquired: 8/17/2013 10:23:14 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.717	.1787	.1799	5.423	3.451	2.506
Stddev	.011	.0006	.0005	.003	.006	.005
%RSD	.1963	.3402	.3006	.0501	.1610	.1995

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.003	2.125	.5908	1.923	.8650	3.392
Stddev	.001	.000	.0012	.001	.0018	.005
%RSD	.0333	.0199	.1968	.0626	.2025	.1522

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.597	4.481	23.85	.5775	1.059	.1025
Stddev	.007	.001	.02	.0004	.001	.0002
%RSD	.2714	.0300	.0901	.0673	.0782	.1758

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1219	.1954	.5573	2.417	.3883	1.247
Stddev	.0001	.0004	.0009	.001	.0006	.002
%RSD	.0756	.1916	.1638	.0540	.1506	.1173

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2387	58.62	4.229	.3035
Stddev	.0003	.42	.005	.0011
%RSD	.1057	.7092	.1285	.3686

Sample Name: DCAL4 Acquired: 8/17/2013 10:23:14 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5049.9	56565.	9519.4
Stddev	3.0	87.	67.3
%RSD	.05895	.15316	.70665

Sample Name: DCAL5 Acquired: 8/17/2013 10:26:50 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	11.61	.3656	.3721	10.51	6.795	4.891
Stddev	.08	.0006	.0004	.01	.006	.009
%RSD	.7165	.1512	.0989	.0758	.0915	.1792

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.928	4.173	1.156	3.859	1.688	6.910
Stddev	.004	.004	.002	.005	.001	.012
%RSD	.0880	.0967	.1620	.1318	.0807	.1690

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.148	8.618	46.93	1.126	2.062	.2084
Stddev	.001	.030	.59	.002	.001	.0001
%RSD	.0258	.3493	1.261	.1403	.0666	.0640

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2470	.3753	1.103	4.716	.7754	2.459
Stddev	.0001	.0007	.001	.009	.0005	.005
%RSD	.0255	.1946	.0951	.1892	.0639	.2246

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4675	116.6	8.407	.6229
Stddev	.0009	.9	.006	.0019
%RSD	.1824	.7806	.0773	.3090

Sample Name: DCAL5 Acquired: 8/17/2013 10:26:50 Type: Cal
Method: 08162013 Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4796.1	54319.	9330.3
Stddev	6.9	105.	57.8
%RSD	.14330	.19406	.61988

Sample Name: CCV Acquired: 8/17/2013 10:30:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	2495.	1230.	10210.	1020.	126600.
Stddev	345.	7.	2.	10.	3.	69.
%RSD	.2734	.2666	.1565	.0935	.2551	.0545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1270.	2535.	5042.	12700.	102200.	50210.
Stddev	1.	1.	6.	34.	272.	137.
%RSD	.0883	.0369	.1174	.2647	.2661	.2737
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126000.	5112.	127600.	2552.	7638.	991.9
Stddev	109.	18.	318.	1.	6.	1.8
%RSD	.0863	.3474	.2491	.0266	.0847	.1827
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 10:30:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2491.	2552.	2514.	2537.	1012.	2540.
Stddev	4.	4.	3.	3.	2.	2.
%RSD	.1697	.1471	.1020	.1067	.2110	.0865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1016.	5108.	10160.	9876.
Stddev	.	46.	29.	116.
%RSD	.0292	.9017	.2827	1.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5026.1	56315.	9347.3
Stddev	3.5	54.	14.4
%RSD	.06928	.09552	.15370

Sample Name: CCB Acquired: 8/17/2013 10:34:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.98	.9465	1.104	.6902	.1552	34.16
Stddev	7.84	.6624	.316	.0659	.0738	3.14
%RSD	60.34	69.98	28.58	9.541	47.53	9.181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0427	.2972	.0376	4.430	13.26	19.58
Stddev	.0828	.0309	.4103	1.218	1.12	23.15
%RSD	194.0	10.39	1092.	27.50	8.445	118.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.466	.3749	-26.52	.0085	.5192	1.775
Stddev	3.676	.1141	21.53	.6585	1.039	2.626
%RSD	56.85	30.44	81.18	7772.	200.1	147.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 10:34:29 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.384	2.294	-.1285	-1.335	1.902	8.785
Stddev	2.193	.962	.3184	.131	.541	1.586
%RSD	92.00	41.93	247.7	9.807	28.42	18.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9829	.2887	2.218	-11.74
Stddev	.4082	.0993	1.228	1.46
%RSD	41.53	34.41	55.36	12.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5443.8	61319.	9667.3
Stddev	5.4	191.	65.4
%RSD	.09868	.31223	.67686

Sample Name: icsa 2301361 Acquired: 8/17/2013 10:38:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	505500.	-2.706	2.377	1.410	-.0233	494700.
Stddev	1789.	.356	.525	.277	.0024	1616.
%RSD	.3540	13.14	22.09	19.67	10.27	.3267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7175	-3.581	-2.076	-1.327	196600.	-57.88
Stddev	.1794	.230	.426	.926	532.	14.97
%RSD	25.00	6.434	20.54	69.81	.2706	25.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	495600.	1.296	-75.64	-2.373	-1.830	-2.773
Stddev	831.	.114	11.66	.625	1.028	3.415
%RSD	.1677	8.824	15.42	26.35	56.19	123.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsa 2301361 Acquired: 8/17/2013 10:38:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.233	-8.791	-4.010	-1.566	.9252	1.752
Stddev	.440	1.905	.502	.065	1.223	.756
%RSD	8.403	21.67	12.53	4.170	132.2	43.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-2.401	.5223	2.402	-19.96
Stddev	.991	.1392	1.016	7.59
%RSD	41.28	26.65	42.29	38.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4823.7	53460.	9167.0
Stddev	12.9	173.	16.2
%RSD	.26807	.32433	.17722

Sample Name: icsab 2301381 Acquired: 8/17/2013 10:42:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	504400.	94.52	107.1	102.8	99.89	487700.
Stddev	3077.	2.70	.7	.3	.42	305.
%RSD	.6101	2.853	.6689	.3358	.4239	.0625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.28	92.31	93.20	100.9	195300.	10190.
Stddev	.17	.22	.49	1.3	647.	14.
%RSD	.1726	.2437	.5279	1.245	.3314	.1354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	489700.	102.7	10520.	92.07	93.58	94.75
Stddev	1298.	.3	18.	.87	.16	3.09
%RSD	.2650	.2542	.1676	.9488	.1664	3.258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: icsab 2301381 Acquired: 8/17/2013 10:42:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92.70	85.90	92.41	93.73	104.5	98.14
Stddev	.94	2.66	.39	.06	.3	.41
%RSD	1.015	3.099	.4191	.0675	.3328	.4129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	92.46	101.7	104.0	92.26
Stddev	.56	.2	.5	11.54
%RSD	.6051	.1654	.4433	12.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4806.6	53223.	9111.2
Stddev	4.3	102.	9.4
%RSD	.08929	.19185	.10372

Sample Name: int-10 2301383 Acquired: 8/17/2013 10:46:06 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.84	2.464	-1.855	-3.025	2.137	84.31
Stddev	16.75	.780	.123	.336	.008	9.88
%RSD	48.09	31.65	6.630	11.09	.3866	11.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2425	10960.	10280.	-4.823	-14.40	1.869
Stddev	.0354	2.	32.	.525	7.17	16.97
%RSD	14.61	.0187	.3127	10.89	49.78	908.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.68	10300.	1.614	11080.	-2.343	2.048
Stddev	10.86	23.	2.073	8.	1.438	1.153
%RSD	14.17	.2218	128.4	.0716	61.36	56.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: int-10 2301383 Acquired: 8/17/2013 10:46:06 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.702	-9.746	4973.	-3.155	-2.357	5162.
Stddev	1.227	2.552	6.	.120	.287	9.
%RSD	72.12	26.19	.1121	3.802	12.20	.1654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10740.	10030.	10150.	10480.
Stddev	8.	120.	19.	565.
%RSD	.0736	1.194	.1827	5.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5314.7	61243.	9721.0
Stddev	3.0	134.	61.7
%RSD	.05671	.21934	.63488

Sample Name: 460-61073-A-27-A@4 Acquired: 8/17/2013 10:49:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116200.	14.71	1.368	345.5	3.585	1470.
Stddev	465.	.25	.496	1.0	.005	5.
%RSD	.4003	1.674	36.27	.2767	.1400	.3617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8777	49.42	107.0	109.9	127700.	2833.
Stddev	.0225	.16	.2	1.0	387.	11.
%RSD	2.567	.3189	.1731	.8647	.3029	.4006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10580.	1520.	83.71	74.79	63.79	-1.136
Stddev	24.	3.	3.53	.34	.81	1.665
%RSD	.2264	.2204	4.212	.4539	1.270	146.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-27-A@4 Acquired: 8/17/2013 10:49:55 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.381	-7.978	204.4	229.8	6.459	19.73
Stddev	2.418	1.018	.4	1.2	.324	2.46
%RSD	37.90	12.76	.2012	.5389	5.010	12.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.01	11.24	2680.	1140.
Stddev	.84	.30	8.	8.
%RSD	3.366	2.628	.2847	.6655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5674.7	63738.	10319.
Stddev	23.3	633.	62.
%RSD	.41032	.99253	.60057

Sample Name: 460-61073-A-28-A@4 Acquired: 8/17/2013 10:53:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	160300.	19.96	1.182	515.0	4.312	3625.
Stddev	395.	1.38	.376	.2	.078	9.
%RSD	.2463	6.888	31.84	.0426	1.802	.2458
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7997	55.84	126.1	94.11	161200.	3675.
Stddev	.0940	.30	.1	1.70	519.	24.
%RSD	11.75	.5418	.0874	1.801	.3222	.6521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13380.	1872.	110.5	90.34	51.94	-2.190
Stddev	58.	5.	4.4	.22	.80	.697
%RSD	.4327	.2554	3.973	.2465	1.539	31.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-28-A@4 Acquired: 8/17/2013 10:53:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.916	-10.01	268.2	384.8	10.62	5.011
Stddev	1.325	1.40	.9	.2	.98	.306
%RSD	16.74	14.03	.3238	.0423	9.225	6.114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.73	34.84	3599.	988.5
Stddev	.47	.05	10.	21.5
%RSD	2.069	.1476	.2871	2.173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5802.6	64782.	10585.
Stddev	24.2	370.	59.
%RSD	.41731	.57052	.56134

Sample Name: 460-61073-A-29-A@4 Acquired: 8/17/2013 10:57:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	148500.	20.39	1.439	606.5	4.393	2662.
Stddev	457.	.91	.339	1.1	.041	8.
%RSD	.3076	4.487	23.55	.1807	.9413	.2941
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.310	51.78	105.9	116.1	149500.	3853.
Stddev	.030	.05	.3	.4	310.	13.
%RSD	.5671	.0991	.2660	.3587	.2071	.3375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12290.	1670.	117.1	79.84	54.84	-.7881
Stddev	52.	4.	4.1	.20	1.92	.8502
%RSD	.4191	.2240	3.493	.2464	3.494	107.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-29-A@4 Acquired: 8/17/2013 10:57:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.997	-8.659	233.4	711.7	8.918	4.194
Stddev	.346	1.795	.2	2.6	.296	.408
%RSD	4.939	20.73	.0806	.3707	3.319	9.725
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.09	25.80	3427.	1186.
Stddev	.18	.03	9.	16.
%RSD	.8396	.1344	.2531	1.354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6043.3	67406.	11000.
Stddev	20.4	494.	54.
%RSD	.33763	.73251	.48883

Sample Name: 460-61074-A-1-B@4 Acquired: 8/17/2013 11:00:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33860.	5.034	1.620	229.3	1.661	F 796200.
Stddev	266.	2.629	.309	.6	.060	9316.
%RSD	.7841	52.23	19.04	.2470	3.599	1.170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5012	68.91	67.97	85.76	63190.	6716.
Stddev	.0819	.17	.18	.41	184.	60.
%RSD	16.34	.2477	.2628	.4749	.2907	.8940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 465300.	1637.	1363.	60.97	198.8	-.0046
Stddev	3049.	7.	20.	.70	3.6	1.659
%RSD	.6553	.4021	1.457	1.150	1.809	36160.
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.					
Low Limit	-2000.					

Sample Name: 460-61074-A-1-B@4 Acquired: 8/17/2013 11:00:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.854	-18.03	172.0	197.6	19.10	2.847
Stddev	1.124	2.06	.4	1.3	.42	.266
%RSD	19.20	11.45	.2123	.6611	2.216	9.345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.76	479.3	1756.	2396.
Stddev	.71	2.2	10.	107.
%RSD	4.021	.4636	.5602	4.452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4651.4	53078.	9139.0
Stddev	9.5	267.	23.1
%RSD	.20344	.50211	.25258

Sample Name: 460-61074-A-2-B@4 Acquired: 8/17/2013 11:04:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48150.	14.48	2.003	496.4	2.405	F 329200.
Stddev	157.	1.22	.584	.5	.044	3637.
%RSD	.3256	8.416	29.17	.1036	1.821	1.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2788	47.91	128.7	158.8	114900.	10380.
Stddev	.1431	.22	1.0	2.3	477.	23.
%RSD	51.30	.4582	.8041	1.431	.4154	.2185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37450.	2377.	2118.	128.0	93.96	.9388
Stddev	196.	7.	4.	.4	.84	.3255
%RSD	.5224	.3070	.1982	.3363	.8981	34.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61074-A-2-B@4 Acquired: 8/17/2013 11:04:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.324	-7.745	259.6	242.0	27.04	8.924
Stddev	1.843	1.493	.8	.9	.40	.299
%RSD	34.61	19.27	.3064	.3654	1.473	3.348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	24.12	848.3	2410.	1087.
Stddev	1.09	1.2	6.	10.
%RSD	4.501	.1374	.2651	.9382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5122.3	58207.	9621.1
Stddev	27.4	287.	60.1
%RSD	.53493	.49300	.62496

Sample Name: 460-61210-B-9-B@4 Acquired: 8/17/2013 11:08:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15090.	22.55	4.704	1017.	4.892	28950.
Stddev	21.	2.72	.192	1.	.060	52.
%RSD	.1360	12.06	4.081	.1228	1.237	.1804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.536	16.57	65.31	668.4	43280.	1991.
Stddev	.069	.24	.44	5.6	38.	12.
%RSD	1.955	1.425	.6719	.8325	.0882	.6066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6320.	767.4	1142.	58.00	3249.	3.378
Stddev	15.	.4	2.	1.17	3.	1.266
%RSD	.2398	.0480	.1705	2.013	.0940	37.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61210-B-9-B@4 Acquired: 8/17/2013 11:08:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.930	-2.754	52.35	3038.	136.9	6.431
Stddev	2.575	.865	.14	2.	.4	.167
%RSD	28.83	31.42	.2587	.0813	.3042	2.601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	178.1	243.8	572.8	1371.
Stddev	.7	.3	3.1	33.
%RSD	.3899	.1426	.5335	2.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5302.7	60273.	9491.8
Stddev	20.0	352.	37.7
%RSD	.37696	.58355	.39765

Sample Name: 460-61210-B-10-B@4 Acquired: 8/17/2013 11:11:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26180.	17.95	3.672	2587.	1.408	65670.
Stddev	252.	1.87	.410	19.	.104	649.
%RSD	.9614	10.43	11.18	.7497	7.368	.9884
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.277	21.24	125.3	947.3	80740.	4793.
Stddev	.014	.09	1.5	6.6	668.	46.
%RSD	.3253	.4422	1.206	.6993	.8277	.9654
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14340.	960.8	827.2	122.1	10630.	9.035
Stddev	130.	7.6	5.0	1.2	74.	.845
%RSD	.9048	.7865	.6073	.9986	.6996	9.346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61210-B-10-B@4 Acquired: 8/17/2013 11:11:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.393	-4.129	74.81	2478.	26.60	5.410
Stddev	2.740	1.174	.69	19.	.03	.107
%RSD	42.87	28.44	.9181	.7705	.1314	1.978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	120.6	402.9	1064.	2070.
Stddev	.9	2.5	11.	26.
%RSD	.7652	.6203	.9979	1.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5220.2	59340.	9456.2
Stddev	21.7	414.	42.0
%RSD	.41546	.69833	.44454

Sample Name: CCV Acquired: 8/17/2013 11:15:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	128100.	2493.	1211.	10140.	1023.	124500.
Stddev	436.	3.	2.	8.	3.	507.
%RSD	.3402	.1307	.1912	.0809	.2790	.4073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1266.	2530.	4918.	12930.	103000.	49860.
Stddev	3.	2.	16.	34.	283.	155.
%RSD	.2142	.0979	.3236	.2667	.2748	.3101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123800.	5089.	128900.	2555.	7586.	971.7
Stddev	519.	25.	476.	3.	11.	1.5
%RSD	.4190	.4906	.3688	.1112	.1424	.1497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 11:15:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2454.	2495.	2472.	2515.	1011.	2514.
Stddev	2.	4.	4.	11.	3.	6.
%RSD	.0866	.1495	.1765	.4372	.3145	.2562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1013.	5021.	10200.	9627.
Stddev	2.	42.	22.	128.
%RSD	.1610	.8380	.2199	1.332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5002.2	56297.	9226.6
Stddev	24.7	224.	52.2
%RSD	.49377	.39727	.56607

Sample Name: CCB Acquired: 8/17/2013 11:18:58 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.639	-.8859	2.163	.5008	.1074	45.80
Stddev	7.627	2.063	.153	.0807	.0180	3.15
%RSD	164.4	232.9	7.064	16.12	16.76	6.875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0820	.2090	.3180	.8313	14.35	-13.18
Stddev	.1769	.1211	.4003	1.249	4.40	11.10
%RSD	215.7	57.96	125.9	150.2	30.67	84.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.687	.2625	-35.39	-.6381	-.4515	.2974
Stddev	1.208	.1268	17.39	.4177	.4839	1.450
%RSD	25.77	48.29	49.15	65.47	107.2	487.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 11:18:58 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.674	1.680	-.0965	-1.438	.5745	7.462
Stddev	2.838	.411	.2148	.119	.2849	1.454
%RSD	169.5	24.48	222.7	8.270	49.60	19.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.113	.2495	2.347	-20.64
Stddev	.209	.1522	.645	9.37
%RSD	18.82	60.99	27.47	45.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5393.3	61293.	9467.4
Stddev	4.3	534.	52.5
%RSD	.07982	.87115	.55456

Sample Name: 460-61214-A-1-A@4 Acquired: 8/17/2013 11:22:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94880.	25.80	1.573	530.9	5.660	34120.
Stddev	561.	2.35	.576	.7	.021	153.
%RSD	.5915	9.117	36.62	.1385	.3726	.4483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3445	53.82	133.3	111.5	138800.	9417.
Stddev	.0573	.34	1.1	1.9	567.	66.
%RSD	16.62	.6349	.8588	1.676	.4083	.7006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23320.	2880.	2485.	88.58	115.5	-1.546
Stddev	87.	9.	8.	.11	1.0	1.608
%RSD	.3734	.3136	.3381	.1188	.8729	104.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61214-A-1-A@4 Acquired: 8/17/2013 11:22:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.060	-7.884	226.1	252.9	28.43	5.611
Stddev	.900	.495	.7	.8	.57	.258
%RSD	14.85	6.272	.3098	.3275	1.988	4.593
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.324	229.3	2119.	1240.
Stddev	.636	.4	8.	24.
%RSD	8.681	.1603	.3629	1.897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5439.9	61356.	9845.2
Stddev	20.3	298.	64.2
%RSD	.37316	.48492	.65229

Sample Name: 460-61222-E-17-E@4 Acquired: 8/17/2013 11:26:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18440.	2.901	2.264	70.11	.3210	2141.
Stddev	114.	1.312	.415	.17	.0862	10.
%RSD	.6160	45.22	18.33	.2420	26.87	.4564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3697	4.851	30.86	63.41	28970.	3317.
Stddev	.1126	.230	.55	2.11	199.	22.
%RSD	30.46	4.732	1.773	3.330	.6859	.6780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3905.	109.1	1277.	15.10	54.32	.8600
Stddev	29.	.6	3.	.41	1.80	1.360
%RSD	.7547	.5782	.2093	2.725	3.320	158.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-E-17-E@4 Acquired: 8/17/2013 11:26:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.293	-1.096	36.83	48.07	10.30	.9350
Stddev	1.882	1.234	.34	.30	.40	.1811
%RSD	57.15	112.5	.9143	.6341	3.867	19.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.58	30.91	1018.	1183.
Stddev	.44	.08	4.	9.
%RSD	4.125	.2620	.3959	.7973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60796.	9541.4
Stddev	8.1	144.	66.1
%RSD	.15080	.23613	.69241

Sample Name: 460-61222-A-18-C@4 Acquired: 8/17/2013 11:29:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43100.	119.5	3.372	430.7	4.833	60220.
Stddev	110.	1.4	.293	1.2	.016	392.
%RSD	.2548	1.185	8.677	.2777	.3333	.6503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3949	38.18	194.3	819.9	159500.	4303.
Stddev	.1206	.19	1.0	2.9	743.	8.
%RSD	30.53	.4891	.4899	.3594	.4661	.1840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10330.	969.7	1477.	159.8	817.0	15.34
Stddev	40.	4.7	8.	.9	1.9	1.28
%RSD	.3847	.4819	.5514	.5814	.2281	8.369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-18-C@4 Acquired: 8/17/2013 11:29:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.55	-6.808	1055.	361.6	52.94	16.00
Stddev	1.09	1.299	5.	.9	.35	.24
%RSD	10.28	19.08	.4640	.2509	.6593	1.522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	35.01	442.3	2364.	905.1
Stddev	.63	1.0	8.	29.1
%RSD	1.810	.2245	.3403	3.215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5398.7	61571.	9903.2
Stddev	17.0	104.	38.3
%RSD	.31520	.16897	.38666

Sample Name: 460-61222-A-19-D@4 Acquired: 8/17/2013 11:33:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63800.	210.3	4.102	815.3	5.940	26840.
Stddev	431.	2.2	.937	2.3	.045	39.
%RSD	.6757	1.063	22.83	.2845	.7502	.1449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.897	48.95	225.3	514.7	F 243300.	11430.
Stddev	.232	.09	.5	7.5	1363.	104.
%RSD	12.23	.1914	.2164	1.460	.5600	.9103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10010.	1028.	1856.	166.6	661.6	4.116
Stddev	20.	3.	15.	.4	2.6	1.592
%RSD	.1997	.3118	.7837	.2415	.3887	38.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-19-D@4 Acquired: 8/17/2013 11:33:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.90	-11.43	629.6	701.8	43.98	17.23
Stddev	1.54	1.31	.8	3.0	.59	.20
%RSD	9.671	11.43	.1256	.4299	1.340	1.157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	58.53	495.1	3622.	1306.
Stddev	.16	1.3	14.	60.
%RSD	.2661	.2618	.3790	4.624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5345.4	60780.	9754.3
Stddev	18.0	221.	42.6
%RSD	.33741	.36442	.43712

Sample Name: 460-61222-A-21-D@4 Acquired: 8/17/2013 11:36:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28490.	172.3	2.777	666.1	6.027	14340.
Stddev	83.	1.3	.656	.9	.048	63.
%RSD	.2904	.7711	23.61	.1346	.7893	.4397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4929	35.92	103.2	316.2	102300.	1353.
Stddev	.0645	.04	.5	2.0	341.	17.
%RSD	13.08	.1107	.4778	.6312	.3336	1.254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1858.	259.7	1719.	225.7	579.3	1.676
Stddev	9.	.8	6.	.6	1.8	.483
%RSD	.4744	.2922	.3305	.2593	.3184	28.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-21-D@4 Acquired: 8/17/2013 11:36:59 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17.93	-2.722	438.1	487.3	14.15	15.07
Stddev	.22	.302	.8	1.6	.57	.15
%RSD	1.199	11.10	.1882	.3343	4.036	.9661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	39.23	371.3	1615.	961.8
Stddev	.17	.5	2.	18.7
%RSD	.4379	.1375	.1001	1.944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5442.3	61766.	9687.3
Stddev	13.8	135.	3.1
%RSD	.25400	.21888	.03220

Sample Name: 460-61222-A-22-A@4 Acquired: 8/17/2013 11:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8845.	56.35	2.440	142.8	1.510	3261.
Stddev	36.	.91	.331	.5	.059	21.
%RSD	.4051	1.614	13.56	.3278	3.891	.6416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3053	25.31	40.63	99.57	86930.	819.5
Stddev	.0767	.08	.40	.89	311.	17.7
%RSD	25.13	.3152	.9834	.8921	.3580	2.159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	529.1	162.8	523.1	53.05	84.84	1.793
Stddev	4.7	.4	2.7	.32	.89	.661
%RSD	.8831	.2503	.5127	.6030	1.044	36.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-22-A@4 Acquired: 8/17/2013 11:40:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.90	-3.148	82.65	126.2	3.554	20.99
Stddev	1.79	.689	.36	.6	.174	.24
%RSD	16.46	21.88	.4300	.4376	4.889	1.150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.422	86.88	1364.	745.3
Stddev	.216	.22	6.	11.0
%RSD	2.559	.2547	.4217	1.480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5354.0	60885.	9518.3
Stddev	12.0	239.	13.1
%RSD	.22382	.39254	.13714

Sample Name: 460-61222-A-23-A@4 Acquired: 8/17/2013 11:44:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94820.	30.24	3.855	792.2	3.480	33170.
Stddev	376.	1.47	.418	2.3	.046	127.
%RSD	.3969	4.871	10.84	.2896	1.333	.3819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57.92	100.9	178.7	496.7	F 227500.	6392.
Stddev	.24	.3	.8	3.2	753.	28.
%RSD	.4113	.2500	.4603	.6361	.3311	.4320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82620.	4343.	5405.	217.0	828.3	.3803
Stddev	315.	24.	26.	.9	2.3	1.413
%RSD	.3806	.5535	.4839	.4240	.2751	371.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-23-A@4 Acquired: 8/17/2013 11:44:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.15	-12.32	439.6	F 5133.	30.01	5.580
Stddev	2.68	.44	1.6	20.	.55	.218
%RSD	24.04	3.550	.3626	.3849	1.822	3.897
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	50.45	247.8	3745.	1118.
Stddev	.45	.7	13.	42.
%RSD	.8936	.2902	.3560	3.764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5305.0	60058.	9651.0
Stddev	10.9	238.	65.6
%RSD	.20638	.39679	.67945

Sample Name: 460-61222-A-25-A@4 Acquired: 8/17/2013 11:47:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9405.	170.1	4.770	323.1	1.971	7342.
Stddev	4.	.7	.199	.5	.046	38.
%RSD	.0465	.3899	4.167	.1460	2.337	.5136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6863	24.85	69.45	613.6	F 338200.	1699.
Stddev	.0230	.07	.58	1.5	1071.	10.
%RSD	3.347	.2942	.8408	.2471	.3166	.5606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2752.	1071.	2745.	82.83	1198.	29.55
Stddev	9.	5.	12.	.50	3.	1.89
%RSD	.3201	.4643	.4194	.6076	.2909	6.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-25-A@4 Acquired: 8/17/2013 11:47:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.97	-14.05	55.03	727.5	38.99	16.22
Stddev	1.03	1.58	.58	3.2	.27	.11
%RSD	4.140	11.27	1.050	.4438	.6994	.6479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	144.2	137.9	583.3	1126.
Stddev	.7	.3	2.7	13.
%RSD	.4605	.2539	.4563	1.136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5221.1	59612.	9482.9
Stddev	15.8	269.	44.2
%RSD	.30324	.45102	.46604

Sample Name: 460-61244-A-1-A@4 Acquired: 8/17/2013 11:51:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44080.	10.53	3.284	210.5	2.314	12440.
Stddev	144.	1.86	.167	.6	.063	40.
%RSD	.3274	17.69	5.074	.2779	2.729	.3238
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4350	40.17	156.2	477.8	87360.	9211.
Stddev	.0213	.30	1.1	2.8	293.	52.
%RSD	4.905	.7380	.7215	.5852	.3354	.5592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31220.	2276.	711.0	98.44	169.9	1.302
Stddev	89.	7.	6.3	.48	1.2	.835
%RSD	.2840	.3234	.8881	.4846	.7163	64.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61244-A-1-A@4 Acquired: 8/17/2013 11:51:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.785	-3.368	140.9	581.9	13.41	1.433
Stddev	1.334	1.609	1.2	3.1	.36	.255
%RSD	35.23	47.77	.8189	.5264	2.687	17.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.22	52.92	3323.	893.7
Stddev	.45	.08	10.	11.0
%RSD	4.386	.1482	.2873	1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5438.7	61439.	9729.7
Stddev	10.7	361.	26.0
%RSD	.19631	.58688	.26702

Sample Name: MB 460-176598/1-A@2 Acquired: 8/17/2013 11:54:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	-1.782	2.210	.0537	.0437	42.58
Stddev	3.43	1.394	.248	.1154	.0237	3.49
%RSD	32.32	78.21	11.21	214.8	54.24	8.193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1254	.2244	-.1532	.8309	21.10	-38.07
Stddev	.1233	.1450	.3070	2.073	6.40	4.84
%RSD	98.31	64.59	200.4	249.5	30.32	12.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.148	.1608	-68.02	-.0886	-.5917	.7370
Stddev	2.161	.1216	2.55	.7134	1.535	1.339
%RSD	188.2	75.63	3.745	804.8	259.4	181.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176598/1-A@2 Acquired: 8/17/2013 11:54:57 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6460	.8180	-.0784	-1.074	-.8548	-.1400
Stddev	1.433	.2640	.3651	.066	.5853	.3389
%RSD	221.9	32.27	465.8	6.128	68.47	242.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4830	-.0252	-.1178	-26.26
Stddev	.0866	.0303	.3119	3.64
%RSD	17.93	120.0	264.8	13.88
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5364.5	61139.	9363.1
Stddev	8.9	100.	19.3
%RSD	.16566	.16279	.20612

Sample Name: CCV Acquired: 8/17/2013 11:58:42 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127600.	2484.	1195.	10040.	1016.	122200.
Stddev	312.	3.	1.	6.	4.	111.
%RSD	.2442	.1040	.0593	.0590	.3861	.0912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1254.	2509.	4816.	12890.	102200.	49300.
Stddev	1.	1.	2.	26.	34.	163.
%RSD	.0883	.0534	.0322	.1979	.0337	.3298
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	5005.	128800.	2533.	7502.	960.4
Stddev	17.	9.	584.	1.	5.	1.9
%RSD	.0137	.1851	.4538	.0269	.0732	.1990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 11:58:42 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2433.	2454.	2437.	2473.	1007.	2498.
Stddev	8.	3.	1.	4.	4.	4.
%RSD	.3283	.1035	.0516	.1587	.3478	.1705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1005.	4968.	10130.	9452.
Stddev	1.	24.	23.	64.
%RSD	.1367	.4758	.2232	.6805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4956.7	55888.	9158.9
Stddev	4.0	31.	63.7
%RSD	.08154	.05510	.69570

Sample Name: CCB Acquired: 8/17/2013 12:02:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.145	-1.061	2.277	.3384	.0945	48.43
Stddev	7.646	1.601	.319	.0468	.0447	2.09
%RSD	243.1	150.9	13.99	13.83	47.34	4.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0658	.1397	.4963	2.659	11.23	-16.22
Stddev	.0606	.2067	.3195	1.656	2.64	26.95
%RSD	92.06	148.0	64.37	62.28	23.47	166.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.454	.2369	-47.02	.2563	-.4343	1.885
Stddev	2.264	.1164	12.82	.1760	.7886	.247
%RSD	155.7	49.14	27.27	68.66	181.5	13.13
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 12:02:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.911	1.874	.0260	-1.344	.1189	6.657
Stddev	.903	1.401	.4007	.052	.2814	1.070
%RSD	47.29	74.75	1538.	3.896	236.7	16.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7324	.1265	2.054	-13.35
Stddev	.1365	.1177	.687	2.69
%RSD	18.64	93.06	33.45	20.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5358.7	61120.	9382.4
Stddev	12.7	242.	55.1
%RSD	.23753	.39576	.58718

Sample Name: LCSSRM 460-176598/2- Acquired: 8/17/2013 12:06:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42190.	801.7	195.0	1065.	548.4	32790.
Stddev	27.	1.2	.7	1.	.5	138.
%RSD	.0643	.1505	.3437	.1387	.0962	.4220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	540.3	683.3	575.4	596.5	67390.	14190.
Stddev	.9	.6	2.2	2.6	163.	25.
%RSD	.1611	.0945	.3820	.4420	.2425	.1792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12670.	1742.	1638.	367.2	391.1	341.1
Stddev	21.	3.	6.	1.3	.7	3.0
%RSD	.1624	.1995	.3730	.3563	.1841	.8724
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176598/2- Acquired: 8/17/2013 12:06:04 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	625.9	1074.	410.7	1383.	392.5	299.9
Stddev	1.0	2.	.7	1.	.4	1.0
%RSD	.1603	.2219	.1771	.0852	.1007	.3281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	716.7	637.1	1158.	1508.
Stddev	1.9	.5	.	3.
%RSD	.2602	.0744	.0039	.2165
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5400.5	60952.	9764.4
Stddev	4.2	141.	40.9
%RSD	.07791	.23111	.41892

Sample Name: 460-61334-A-2-B DU@1 Acquired: 8/17/2013 12:09:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66690.	206.0	2.719	167.6	5.109	4650.
Stddev	120.	.3	.389	.3	.060	16.
%RSD	.1801	.1308	14.30	.1945	1.178	.3406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7099	48.57	144.6	101.3	121800.	9576.
Stddev	.1487	.32	1.3	2.1	241.	42.
%RSD	20.95	.6672	.8741	2.098	.1980	.4374
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38000.	2443.	397.7	109.7	90.07	.6464
Stddev	78.	4.	1.6	.3	.50	1.584
%RSD	.2059	.1729	.4085	.2300	.5572	245.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-B DU@1 Acquired: 8/17/2013 12:09:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.254	-3.341	291.1	262.7	6.412	17.47
Stddev	1.857	.571	.3	.4	.363	.25
%RSD	35.34	17.09	.1014	.1377	5.661	1.439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.969	56.49	1146.	575.7
Stddev	.352	.10	3.	31.7
%RSD	5.900	.1818	.2434	5.512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5384.2	60733.	9664.6
Stddev	6.4	59.	70.0
%RSD	.11945	.09794	.72430

Sample Name: 460-61334-A-2-A@10 Acquired: 8/17/2013 12:13:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65690.	203.0	2.635	165.4	5.055	4570.
Stddev	29.	.9	.710	.5	.054	17.
%RSD	.0448	.4433	26.94	.3197	1.070	.3618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6262	47.98	142.3	100.4	119900.	9416.
Stddev	.0828	.40	.5	1.0	300.	6.
%RSD	13.22	.8334	.3334	1.014	.2504	.0655
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37320.	2404.	395.1	108.1	89.93	-.0912
Stddev	136.	5.	4.2	.6	.98	.8887
%RSD	.3630	.1952	1.071	.5936	1.091	974.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-A@10 Acquired: 8/17/2013 12:13:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.622	-3.766	286.1	258.4	7.178	16.75
Stddev	3.302	.811	1.2	.4	.537	.24
%RSD	71.45	21.54	.4279	.1545	7.488	1.459
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.419	55.64	1130.	553.2
Stddev	.369	.08	2.	29.5
%RSD	5.744	.1510	.2066	5.341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5406.0	61111.	9737.4
Stddev	6.9	242.	16.3
%RSD	.12804	.39533	.16786

Sample Name: sd 460-61334-A-2-A@5 Acquired: 8/17/2013 12:16:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12880.	38.56	2.216	32.57	1.053	943.3
Stddev	20.	.96	.087	.22	.048	3.0
%RSD	.1570	2.499	3.948	.6707	4.600	.3214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1951	9.820	28.24	20.99	23860.	1825.
Stddev	.0535	.282	.07	1.81	31.	10.
%RSD	27.44	2.875	.2344	8.605	.1284	.5710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7418.	479.9	20.23	21.69	17.49	-.4604
Stddev	17.	1.1	9.19	.33	.41	1.083
%RSD	.2353	.2215	45.44	1.507	2.319	235.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61334-A-2-A@5 Acquired: 8/17/2013 12:16:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2399	.9297	56.04	50.10	.7590	3.102
Stddev	.4205	.9706	.11	.08	.2253	.219
%RSD	175.3	104.4	.2006	.1534	29.69	7.059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9932	10.89	221.1	95.86
Stddev	.0756	.03	1.2	9.47
%RSD	7.614	.2923	.5348	9.882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5426.3	61462.	9636.9
Stddev	1.1	89.	43.9
%RSD	.01943	.14432	.45555

Sample Name: 460-61334-A-2-C MS@1 Acquired: 8/17/2013 12:20:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	73210.	607.9	11.64	597.7	15.69	8803.
Stddev	69.	2.9	.35	.6	.04	8.
%RSD	.0937	.4691	3.011	.0955	.2695	.0949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.514	160.5	188.6	164.2	128200.	14000.
Stddev	.032	.2	.3	2.6	95.	26.
%RSD	.3357	.1232	.1632	1.584	.0741	.1858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43920.	2914.	4532.	224.8	203.8	37.87
Stddev	61.	3.	2.	.5	.7	2.76
%RSD	.1378	.1074	.0491	.2143	.3582	7.296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-2-C MS@1 Acquired: 8/17/2013 12:20:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	374.9	398.4	403.8	376.7	101.0	108.2
Stddev	1.0	.9	1.2	1.0	.2	.6
%RSD	.2784	.2230	.2871	.2526	.2308	.5388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	102.3	157.5	1319.	534.9
Stddev	.2	.2	7.	7.1
%RSD	.1843	.1540	.5052	1.323
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5368.8	60538.	9627.7
Stddev	4.3	75.	22.7
%RSD	.07928	.12385	.23623

Sample Name: pds 460-61334-A-2-A@ Acquired: 8/17/2013 12:23:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68690.	2145.	47.55	2231.	55.78	24230.
Stddev	2576.	71.	2.02	74.	2.17	842.
%RSD	3.751	3.330	4.245	3.304	3.887	3.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.26	554.3	335.1	353.1	122900.	28710.
Stddev	1.43	18.6	11.8	11.8	4348.	1056.
%RSD	2.849	3.358	3.518	3.330	3.538	3.678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57670.	2953.	20750.	626.4	598.9	443.2
Stddev	2028.	100.	758.	20.7	20.2	11.0
%RSD	3.517	3.375	3.651	3.301	3.379	2.485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61334-A-2-A@ Acquired: 8/17/2013 12:23:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1897.	2021.	766.3	764.8	502.8	507.5
Stddev	64.	68.	27.8	24.0	17.5	15.5
%RSD	3.376	3.365	3.624	3.142	3.482	3.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.7	534.1	1648.	638.2
Stddev	17.7	19.6	57.	50.8
%RSD	3.420	3.674	3.430	7.955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5304.3	59813.	9669.0
Stddev	2.6	60.	33.4
%RSD	.04940	.10034	.34547

Sample Name: 460-61334-A-1-A@10 Acquired: 8/17/2013 12:27:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59060.	24.15	2.364	129.5	3.229	3185.
Stddev	145.	.30	.188	.3	.037	2.
%RSD	.2449	1.243	7.960	.2200	1.156	.0608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4006	48.35	104.6	83.87	88020.	4254.
Stddev	.1445	.21	1.0	.16	31.	31.
%RSD	36.06	.4317	.9642	.1967	.0347	.7396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26200.	1681.	199.7	71.30	41.41	4.657
Stddev	47.	1.	5.3	.75	1.12	1.606
%RSD	.1793	.0741	2.661	1.048	2.692	34.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-1-A@10 Acquired: 8/17/2013 12:27:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.212	-3.481	158.1	173.8	8.802	5.252
Stddev	2.203	.196	.5	.7	.461	.522
%RSD	35.47	5.620	.3078	.3891	5.238	9.934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	26.80	56.64	805.1	503.9
Stddev	.40	.15	.8	6.7
%RSD	1.478	.2700	.1035	1.337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5278.1	59980.	9561.8
Stddev	22.3	298.	35.4
%RSD	.42332	.49714	.36981

Sample Name: 460-61334-A-3-A@10 Acquired: 8/17/2013 12:30:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54290.	53.42	2.811	605.9	1.777	4588.
Stddev	126.	1.02	.457	.7	.117	28.
%RSD	.2313	1.903	16.27	.1082	6.611	.6078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.060	208.6	139.3	108.8	99240.	8666.
Stddev	.165	.4	.6	.5	605.	8.
%RSD	15.51	.2138	.4429	.4149	.6092	.0980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30330.	F 10390.	386.5	164.4	61.60	.4963
Stddev	281.	115.	2.6	1.1	.34	1.054
%RSD	.9260	1.103	.6710	.6535	.5552	212.5
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61334-A-3-A@10 Acquired: 8/17/2013 12:30:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.928	-9.021	253.3	319.2	5.962	30.23
Stddev	1.507	1.645	.8	.4	.341	.09
%RSD	38.37	18.24	.3072	.1180	5.722	.2994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	46.14	54.78	998.6	443.9
Stddev	.91	.25	3.9	15.0
%RSD	1.962	.4635	.3955	3.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5218.2	59667.	9439.7
Stddev	30.9	254.	48.6
%RSD	.59290	.42625	.51465

Sample Name: 460-61334-A-4-A@10 Acquired: 8/17/2013 12:34:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61750.	32.07	2.172	155.0	3.716	3056.
Stddev	139.	1.25	.173	.4	.078	31.
%RSD	.2256	3.912	7.948	.2485	2.107	.9987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5438	33.27	110.9	85.91	92740.	5293.
Stddev	.1860	.24	.3	1.21	666.	6.
%RSD	34.19	.7097	.2643	1.402	.7177	.1121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29580.	1350.	170.9	74.52	39.53	-.2354
Stddev	220.	9.	6.8	.71	1.12	.5766
%RSD	.7425	.6783	3.967	.9542	2.836	245.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-4-A@10 Acquired: 8/17/2013 12:34:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.335	-4.727	193.5	198.4	10.50	2.963
Stddev	1.605	1.822	1.6	.7	.30	.255
%RSD	21.88	38.55	.8152	.3617	2.873	8.619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	46.56	41.21	891.4	417.7
Stddev	.85	.10	2.2	37.4
%RSD	1.831	.2444	.2429	8.952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5215.4	59721.	9391.3
Stddev	33.3	611.	59.1
%RSD	.63877	1.0235	.62899

Sample Name: 460-61334-A-5-A@10 Acquired: 8/17/2013 12:38:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50620.	73.77	2.144	161.0	4.817	3419.
Stddev	182.	.47	.757	.4	.113	14.
%RSD	.3591	.6312	35.30	.2683	2.343	.4101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5376	45.01	135.7	87.38	109300.	7618.
Stddev	.0824	.12	1.0	.51	445.	36.
%RSD	15.33	.2708	.7507	.5808	.4074	.4759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25770.	2879.	346.4	106.5	43.72	.3914
Stddev	135.	10.	5.0	.2	1.86	.8922
%RSD	.5234	.3536	1.438	.1428	4.242	227.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-5-A@10 Acquired: 8/17/2013 12:38:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.889	-5.007	306.5	210.3	8.189	17.47
Stddev	2.039	.238	.6	.6	.281	.10
%RSD	29.59	4.748	.1975	.3045	3.438	.5534
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	44.31	37.05	907.3	428.5
Stddev	.85	.14	3.3	29.4
%RSD	1.920	.3794	.3687	6.865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5365.1	61168.	9635.4
Stddev	27.3	455.	52.4
%RSD	.50955	.74306	.54335

Sample Name: CCV Acquired: 8/17/2013 12:41:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	2463.	1187.	9984.	1009.	122000.
Stddev	164.	5.	2.	5.	1.	553.
%RSD	.1293	.2153	.1595	.0529	.0681	.4528
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1249.	2497.	4799.	12790.	102100.	49040.
Stddev	2.	2.	20.	12.	278.	15.
%RSD	.1477	.0642	.4136	.0968	.2722	.0304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	5000.	128100.	2517.	7472.	952.3
Stddev	605.	17.	458.	2.	7.	1.1
%RSD	.4996	.3487	.3571	.0739	.0972	.1115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 12:41:36 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2406.	2439.	2427.	2475.	996.7	2479.
Stddev	5.	2.	4.	8.	1.9	5.
%RSD	.2249	.0724	.1815	.3244	.1933	.1833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1002.	4934.	10050.	9392.
Stddev	2.	50.	4.	51.
%RSD	.1998	1.014	.0421	.5455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5029.3	56709.	9183.8
Stddev	24.5	247.	28.8
%RSD	.48617	.43577	.31389

Sample Name: CCB Acquired: 8/17/2013 12:45:12 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.07	-1.000	2.572	.4940	.0957	51.63
Stddev	6.17	1.978	.040	.2024	.0948	4.00
%RSD	43.83	197.7	1.570	40.96	99.01	7.738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0481	.1176	.1753	1.425	8.163	-11.70
Stddev	.1163	.1644	.3108	.587	5.592	3.01
%RSD	241.5	139.8	177.3	41.14	68.50	25.69
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.094	.3262	-42.04	-.0583	-.9316	.8341
Stddev	5.075	.2064	17.51	.3557	.2872	.9767
%RSD	124.0	63.28	41.65	610.2	30.83	117.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 12:45:12 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.393	1.769	.0392	-1.222	.2979	7.377
Stddev	1.557	.595	.2246	.070	.1615	1.294
%RSD	65.08	33.63	572.3	5.723	54.20	17.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6106	.2485	1.964	-6.746
Stddev	.0987	.1343	1.423	24.64
%RSD	16.17	54.03	72.48	365.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5392.9	61440.	9412.6
Stddev	8.5	280.	28.3
%RSD	.15847	.45561	.30093

Sample Name: 460-61334-A-6-A@10 Acquired: 8/17/2013 12:48:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57530.	30.04	2.271	129.6	4.147	4542.
Stddev	205.	1.90	.345	.3	.045	27.
%RSD	.3567	6.328	15.19	.2084	1.091	.6049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2373	45.80	193.9	83.63	104900.	19120.
Stddev	.0888	.26	1.0	2.01	356.	59.
%RSD	37.41	.5762	.5365	2.402	.3394	.3105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36310.	1821.	368.0	98.20	35.52	-.3700
Stddev	217.	6.	2.0	1.03	.57	1.058
%RSD	.5970	.3528	.5471	1.046	1.616	285.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-6-A@10 Acquired: 8/17/2013 12:48:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.326	-3.192	365.9	252.1	8.914	10.13
Stddev	1.046	1.421	1.1	1.1	.167	.52
%RSD	11.22	44.53	.2919	.4442	1.872	5.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.29	54.70	2168.	543.5
Stddev	.86	.16	5.	40.6
%RSD	1.823	.2839	.2409	7.463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5197.7	59207.	9454.9
Stddev	28.8	486.	100.8
%RSD	.55362	.82065	1.0659

Sample Name: 460-61334-A-7-A@10 Acquired: 8/17/2013 12:52:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43860.	27.70	1.395	104.7	2.033	1678.
Stddev	486.	.73	.070	1.3	.161	23.
%RSD	1.107	2.625	5.018	1.232	7.933	1.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5075	21.56	77.49	39.05	63780.	1915.
Stddev	.0888	.49	1.29	.55	881.	21.
%RSD	17.49	2.280	1.663	1.404	1.381	1.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14830.	605.7	90.56	51.37	24.32	.5374
Stddev	191.	8.4	.75	.36	1.01	.8532
%RSD	1.285	1.390	.8239	.7097	4.145	158.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-7-A@10 Acquired: 8/17/2013 12:52:32 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.422	-2.270	107.6	120.9	3.292	2.345
Stddev	1.726	1.069	1.8	1.7	.115	.181
%RSD	50.42	47.10	1.654	1.410	3.503	7.716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.641	16.18	655.2	400.7
Stddev	.456	.25	7.1	13.1
%RSD	9.830	1.574	1.082	3.256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5452.7	61412.	9565.5
Stddev	37.3	472.	6.5
%RSD	.68445	.76782	.06808

Sample Name: 460-61334-A-8-A@10 Acquired: 8/17/2013 12:56:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	58560.	36.72	2.431	137.7	3.506	2145.
Stddev	1543.	1.23	.375	2.2	.117	42.
%RSD	2.634	3.361	15.41	1.602	3.345	1.951
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4881	62.15	114.7	105.4	96650.	3784.
Stddev	.0705	1.43	3.0	1.8	2129.	104.
%RSD	14.44	2.296	2.621	1.705	2.203	2.754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26070.	2759.	129.7	82.53	48.57	.6256
Stddev	547.	57.	1.8	1.63	2.25	1.132
%RSD	2.096	2.075	1.415	1.970	4.631	180.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-8-A@10 Acquired: 8/17/2013 12:56:08 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.982	-5.648	163.2	188.7	4.288	3.340
Stddev	1.150	1.276	4.1	3.2	.182	.157
%RSD	28.87	22.58	2.504	1.705	4.236	4.695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.073	20.29	887.4	376.8
Stddev	.266	.52	24.3	17.1
%RSD	4.374	2.582	2.737	4.532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5445.3	61334.	9662.8
Stddev	5.2	83.	34.7
%RSD	.09566	.13563	.35962

Sample Name: 460-61334-A-9-A@10 Acquired: 8/17/2013 12:59:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38840.	32.50	2.161	90.19	4.164	3152.
Stddev	1571.	1.32	.105	3.37	.186	127.
%RSD	4.045	4.065	4.847	3.731	4.461	4.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4645	31.75	147.5	94.93	95180.	7126.
Stddev	.0598	1.21	6.3	3.90	4001.	267.
%RSD	12.87	3.810	4.299	4.103	4.204	3.743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28120.	1991.	251.4	102.1	35.32	-.8978
Stddev	1184.	83.	9.5	4.3	1.35	.7735
%RSD	4.211	4.167	3.792	4.170	3.820	86.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-9-A@10 Acquired: 8/17/2013 12:59:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.853	-3.939	380.4	220.7	1.601	5.244
Stddev	1.644	.822	15.5	8.7	.184	.392
%RSD	57.60	20.86	4.069	3.932	11.50	7.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.407	35.55	678.6	313.0
Stddev	.587	1.31	27.1	22.2
%RSD	10.86	3.682	3.998	7.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5490.4	61828.	9720.1
Stddev	1.5	257.	41.9
%RSD	.02692	.41633	.43131

Sample Name: 460-61334-A-10-A@10 Acquired: 8/17/2013 13:03:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56800.	35.49	2.600	107.8	2.454	2197.
Stddev	449.	2.45	.351	1.4	.090	21.
%RSD	.7899	6.899	13.51	1.329	3.678	.9522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7675	26.01	108.3	78.04	100600.	2156.
Stddev	.1115	.37	1.0	1.15	940.	40.
%RSD	14.53	1.409	.9126	1.473	.9340	1.850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21930.	858.8	74.29	71.20	34.64	1.125
Stddev	206.	7.4	4.96	1.31	.43	2.488
%RSD	.9410	.8632	6.676	1.840	1.232	221.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-10-A@10 Acquired: 8/17/2013 13:03:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.440	-2.847	161.6	155.8	4.167	3.060
Stddev	2.402	.601	1.3	2.0	.355	.057
%RSD	44.15	21.10	.7952	1.254	8.520	1.858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.950	20.28	737.3	437.6
Stddev	.518	.23	8.2	12.8
%RSD	8.713	1.129	1.112	2.922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5371.4	60469.	9501.4
Stddev	13.0	115.	14.6
%RSD	.24283	.18971	.15373

Sample Name: 460-61334-A-11-A@10 Acquired: 8/17/2013 13:06:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54400.	93.59	2.739	141.2	4.164	2490.
Stddev	1148.	3.23	.102	3.4	.150	55.
%RSD	2.111	3.453	3.723	2.423	3.598	2.225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4965	58.67	112.1	83.17	99900.	6293.
Stddev	.0956	1.24	2.5	2.43	2279.	148.
%RSD	19.25	2.109	2.230	2.918	2.281	2.353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32380.	2176.	116.3	97.78	59.09	-.3144
Stddev	691.	47.	6.9	2.22	1.05	.4549
%RSD	2.132	2.175	5.894	2.269	1.776	144.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-11-A@10 Acquired: 8/17/2013 13:06:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.002	-3.992	216.1	225.5	5.183	1.904
Stddev	1.294	.329	4.9	4.7	.354	.253
%RSD	32.32	8.233	2.250	2.081	6.823	13.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.811	28.06	927.6	378.6
Stddev	.472	.65	23.1	15.9
%RSD	8.123	2.319	2.491	4.194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5426.9	61134.	9662.4
Stddev	13.5	30.	31.7
%RSD	.24927	.04885	.32791

Sample Name: 460-61334-A-12-A@10 Acquired: 8/17/2013 13:10:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52720.	84.47	2.520	250.2	3.594	2702.
Stddev	2460.	4.49	.498	9.4	.121	120.
%RSD	4.666	5.315	19.78	3.767	3.362	4.422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1879	53.70	119.9	101.7	108800.	7154.
Stddev	.0765	2.06	6.0	3.1	4935.	343.
%RSD	40.70	3.838	5.005	3.063	4.534	4.790
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22610.	3755.	199.1	98.96	98.73	-.7820
Stddev	1027.	166.	16.2	4.13	4.71	1.162
%RSD	4.541	4.425	8.119	4.170	4.775	148.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-12-A@10 Acquired: 8/17/2013 13:10:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.854	-4.679	299.7	203.8	3.289	32.34
Stddev	2.331	1.260	13.6	8.3	.246	1.37
%RSD	60.49	26.93	4.526	4.049	7.490	4.244
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.233	32.09	1172.	442.4
Stddev	.334	1.36	52.	15.4
%RSD	6.391	4.236	4.479	3.492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5417.7	61024.	9651.4
Stddev	12.7	46.	44.5
%RSD	.23487	.07589	.46082

Sample Name: 460-61334-A-13-A@10 Acquired: 8/17/2013 13:14:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56630.	34.39	1.847	110.6	2.460	2275.
Stddev	2884.	3.36	.872	4.9	.165	109.
%RSD	5.093	9.756	47.18	4.407	6.705	4.771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5109	35.13	106.0	79.77	86860.	2980.
Stddev	.0542	1.77	5.2	2.87	4161.	126.
%RSD	10.62	5.049	4.940	3.600	4.791	4.239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21180.	1384.	105.2	69.54	37.88	-.9518
Stddev	1038.	65.	8.9	2.72	2.24	.2786
%RSD	4.902	4.709	8.444	3.906	5.910	29.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-13-A@10 Acquired: 8/17/2013 13:14:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.234	-3.096	147.6	175.9	3.890	2.642
Stddev	1.517	1.894	7.3	8.0	.313	.120
%RSD	35.82	61.20	4.917	4.543	8.045	4.556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.037	29.32	840.4	453.1
Stddev	.537	1.30	43.0	14.8
%RSD	10.66	4.442	5.115	3.270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5365.9	60441.	9554.3
Stddev	8.1	62.	12.7
%RSD	.15092	.10225	.13315

Sample Name: 460-61334-A-14-A@10 Acquired: 8/17/2013 13:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60140.	27.26	2.431	127.7	3.743	2362.
Stddev	2803.	.73	.240	5.0	.188	109.
%RSD	4.662	2.667	9.864	3.934	5.015	4.625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4975	63.42	128.1	74.27	103500.	4402.
Stddev	.1166	2.55	6.2	3.13	4792.	188.
%RSD	23.44	4.025	4.872	4.210	4.632	4.267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29340.	2057.	125.2	95.08	50.73	-.1872
Stddev	1414.	94.	12.9	3.15	2.30	2.129
%RSD	4.820	4.575	10.31	3.311	4.541	1138.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-14-A@10 Acquired: 8/17/2013 13:17:40 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.283	-4.526	169.7	200.9	4.498	2.378
Stddev	.765	1.701	7.6	8.3	.157	.174
%RSD	23.29	37.58	4.454	4.116	3.483	7.326
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.800	18.49	871.7	391.3
Stddev	.349	.89	39.6	16.2
%RSD	6.018	4.786	4.547	4.145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5383.3	60727.	9628.5
Stddev	5.4	44.	59.6
%RSD	.10086	.07319	.61924

Sample Name: 460-61334-A-15-A@10 Acquired: 8/17/2013 13:21:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45860.	83.87	2.446	127.4	3.620	3996.
Stddev	1638.	4.59	.272	4.1	.121	134.
%RSD	3.572	5.478	11.14	3.225	3.328	3.345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2774	31.54	153.9	75.89	102700.	10240.
Stddev	.1003	.88	5.6	2.00	3298.	371.
%RSD	36.16	2.794	3.642	2.638	3.211	3.621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27410.	1778.	346.5	90.68	46.11	-.8972
Stddev	890.	58.	12.7	2.19	1.69	.2329
%RSD	3.248	3.251	3.669	2.420	3.673	25.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-15-A@10 Acquired: 8/17/2013 13:21:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.165	-3.243	244.5	208.2	.7041	32.19
Stddev	.923	1.082	8.0	6.9	.6374	.88
%RSD	29.17	33.36	3.269	3.330	90.52	2.723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.798	41.97	1108.	408.1
Stddev	.883	1.54	41.	16.1
%RSD	15.23	3.659	3.687	3.936
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5406.4	60972.	9608.9
Stddev	3.5	136.	18.4
%RSD	.06468	.22328	.19194

Sample Name: CCV Acquired: 8/17/2013 13:24:51 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2469.	1185.	9957.	1003.	120700.
Stddev	195.	5.	1.	7.	1.	253.
%RSD	.1546	.1880	.0452	.0750	.1056	.2098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2490.	4756.	12750.	101200.	48920.
Stddev	1.	2.	10.	32.	264.	102.
%RSD	.1061	.0786	.2089	.2472	.2612	.2090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119800.	4962.	127900.	2511.	7436.	957.1
Stddev	376.	14.	342.	4.	7.	2.7
%RSD	.3137	.2852	.2671	.1451	.0911	.2834
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 13:24:51 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2419.	2441.	2414.	2444.	1000.	2475.
Stddev	4.	2.	2.	5.	3.	7.
%RSD	.1773	.0801	.0871	.2139	.2539	.2656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	994.6	4899.	10020.	9486.
Stddev	1.6	55.	18.	24.
%RSD	.1610	1.120	.1843	.2502
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4958.2	56048.	9256.0
Stddev	7.7	168.	23.2
%RSD	.15513	.30045	.25021

Sample Name: CCB Acquired: 8/17/2013 13:28:28 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7072	-.6493	2.207	.3239	.0706	40.38
Stddev	7.743	1.150	.583	.1311	.0348	3.17
%RSD	1095.	177.2	26.44	40.47	49.31	7.863
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0694	.1621	.4185	2.828	11.99	14.22
Stddev	.0338	.0520	.1219	.853	7.47	28.05
%RSD	48.75	32.06	29.13	30.15	62.32	197.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.380	.2429	-46.34	.0305	-.7527	1.919
Stddev	.963	.1641	10.36	.3340	.9170	.735
%RSD	28.50	67.55	22.37	1096.	121.8	38.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 13:28:28 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.179	1.849	-.0713	-1.483	.0596	6.950
Stddev	.957	.525	.3116	.019	.8710	1.038
%RSD	30.10	28.41	437.3	1.282	1462.	14.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7251	.1313	1.721	-6.175
Stddev	.3840	.1333	.785	1.488
%RSD	52.96	101.6	45.64	24.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5360.3	61155.	9374.1
Stddev	17.5	203.	22.2
%RSD	.32734	.33243	.23704

Sample Name: 460-61334-A-16-A@10 Acquired: 8/17/2013 13:32:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68520.	24.95	2.107	240.8	3.615	1990.
Stddev	3381.	1.36	.456	11.2	.188	83.
%RSD	4.934	5.469	21.64	4.658	5.189	4.183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5923	43.04	160.4	46.54	115800.	3943.
Stddev	.0960	1.79	8.3	3.72	5382.	214.
%RSD	16.20	4.153	5.178	7.997	4.650	5.425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29390.	1513.	153.1	99.89	38.52	-.4016
Stddev	1354.	72.	3.6	4.23	2.65	.8884
%RSD	4.607	4.726	2.327	4.239	6.873	221.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-16-A@10 Acquired: 8/17/2013 13:32:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.000	-4.828	162.8	231.5	6.931	2.738
Stddev	2.431	.971	7.5	10.6	.929	.590
%RSD	40.51	20.12	4.599	4.582	13.41	21.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.794	19.22	829.1	467.9
Stddev	.508	.95	39.4	26.5
%RSD	7.478	4.968	4.746	5.660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5363.8	60334.	9487.9
Stddev	6.7	218.	19.0
%RSD	.12489	.36084	.20027

Sample Name: 460-61334-A-17-A@10 Acquired: 8/17/2013 13:35:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55160.	32.10	2.258	140.7	4.394	1478.
Stddev	2645.	2.50	.387	6.4	.112	67.
%RSD	4.794	7.786	17.15	4.553	2.553	4.500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4117	29.37	138.0	96.03	107100.	6194.
Stddev	.1462	1.51	7.4	4.11	4826.	293.
%RSD	35.52	5.140	5.353	4.282	4.504	4.723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38390.	1077.	158.2	86.02	56.13	-.4388
Stddev	1780.	49.	10.0	3.59	.91	.5829
%RSD	4.637	4.559	6.295	4.170	1.622	132.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61334-A-17-A@10 Acquired: 8/17/2013 13:35:48 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.057	-4.325	230.6	246.1	5.636	25.07
Stddev	4.919	1.439	10.8	10.4	.582	1.33
%RSD	97.28	33.27	4.677	4.247	10.33	5.284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.883	13.61	822.7	396.2
Stddev	.205	.71	37.0	39.1
%RSD	3.490	5.228	4.496	9.867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5417.2	61103.	9755.5
Stddev	8.5	118.	82.7
%RSD	.15693	.19369	.84758

Sample Name: 460-61339-A-37-E@4 Acquired: 8/17/2013 13:39:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38650.	12.58	2.460	181.0	.8982	11190.
Stddev	173.	.85	.487	.6	.0383	50.
%RSD	.4486	6.780	19.80	.3058	4.267	.4438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6373	20.65	69.98	2126.	60290.	1877.
Stddev	.0260	.27	.31	6.	212.	35.
%RSD	4.081	1.294	.4434	.2725	.3513	1.890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10790.	1191.	1280.	126.3	162.6	-.3397
Stddev	66.	5.	6.	1.2	1.3	.7870
%RSD	.6084	.4464	.4470	.9137	.8130	231.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61339-A-37-E@4 Acquired: 8/17/2013 13:39:23 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.844	-3.831	79.01	863.6	17.76	5.375
Stddev	1.516	1.198	.27	2.7	.09	.264
%RSD	39.44	31.27	.3423	.3137	.5194	4.919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	461.4	47.22	899.3	1060.
Stddev	1.2	.22	3.4	13.
%RSD	.2605	.4601	.3754	1.273
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.5	61401.	9666.2
Stddev	15.1	80.	53.1
%RSD	.27995	.13016	.54968

Sample Name: 460-60926-A-1-B@4 Acquired: 8/17/2013 13:42:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32750.	39.91	2.488	116.8	2.598	4217.
Stddev	62.	2.01	.585	.4	.061	27.
%RSD	.1904	5.031	23.49	.3340	2.330	.6456
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1837	11.57	94.85	31.05	93570.	5133.
Stddev	.0601	.35	.19	.53	252.	28.
%RSD	32.74	3.022	.1960	1.703	.2690	.5391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4292.	458.5	5.449	25.30	64.08	1.803
Stddev	18.	.7	2.306	.15	.80	1.592
%RSD	.4200	.1423	42.33	.5838	1.255	88.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60926-A-1-B@4 Acquired: 8/17/2013 13:42:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.870	-4.129	126.3	175.2	22.57	2.171
Stddev	.987	.429	.0	.2	.10	.104
%RSD	14.37	10.40	.0280	.1133	.4354	4.806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.81	9.253	649.3	1262.
Stddev	.14	.056	2.0	16.
%RSD	1.166	.6009	.3098	1.246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5407.8	61225.	9621.5
Stddev	9.5	43.	26.8
%RSD	.17495	.07033	.27886

Sample Name: 460-60926-A-2-B@4 Acquired: 8/17/2013 13:46:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36510.	42.89	2.476	128.8	2.753	2661.
Stddev	16.	.06	.379	.4	.087	19.
%RSD	.0446	.1353	15.31	.3368	3.170	.7297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2479	10.28	114.5	32.48	101000.	5633.
Stddev	.0427	.13	.5	.66	410.	14.
%RSD	17.22	1.300	.4041	2.029	.4061	.2527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4999.	422.1	-.4795	26.10	68.21	.5592
Stddev	24.	1.4	3.021	.98	.25	2.874
%RSD	.4887	.3333	630.1	3.741	.3601	513.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60926-A-2-B@4 Acquired: 8/17/2013 13:46:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.464	-4.810	150.1	192.6	23.77	2.548
Stddev	4.443	.028	.6	1.0	.45	.185
%RSD	68.73	.5855	.4005	.5079	1.891	7.266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.736	9.891	631.7	1287.
Stddev	.483	.082	1.1	16.
%RSD	4.964	.8284	.1806	1.276
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5428.4	61539.	9693.1
Stddev	4.6	66.	62.8
%RSD	.08458	.10653	.64744

Sample Name: MB 460-176602/1-A@2 Acquired: 8/17/2013 13:50:11 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.504	-1.249	2.058	.0005	.0483	41.46
Stddev	5.761	.327	.241	.1170	.0145	6.91
%RSD	230.0	26.18	11.72	22650.	30.08	16.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0785	.0896	-.3217	1.532	15.53	-26.25
Stddev	.0583	.0500	.0955	2.508	4.09	25.86
%RSD	74.29	55.78	29.69	163.7	26.33	98.52
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.057	.0425	-67.68	-.1612	-1.991	.6102
Stddev	.770	.0513	4.76	.4180	1.735	.9345
%RSD	37.43	120.7	7.040	259.3	87.13	153.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176602/1-A@2 Acquired: 8/17/2013 13:50:11 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.505	.9585	-.1565	-1.573	-.7735	-.2052
Stddev	1.115	1.858	.2171	.106	.6135	.2527
%RSD	74.05	193.9	138.7	6.711	79.32	123.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2037	-.0285	-.6716	-20.70
Stddev	.5120	.0460	1.144	8.01
%RSD	251.3	161.4	170.4	38.68
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5354.2	61342.	9441.2
Stddev	17.0	118.	39.9
%RSD	.31816	.19171	.42217

Sample Name: LCSSRM 460-176602/2- Acquired: 8/17/2013 13:53:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35720.	694.1	170.5	952.3	471.2	27990.
Stddev	67.	2.2	1.3	1.0	.1	37.
%RSD	.1877	.3223	.7766	.1077	.0296	.1337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	437.1	582.9	486.0	512.2	56390.	12200.
Stddev	.7	.2	1.4	1.3	43.	3.
%RSD	.1540	.0317	.2819	.2455	.0769	.0214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10810.	1479.	1385.	314.6	336.7	309.4
Stddev	19.	1.	8.	.8	.8	.4
%RSD	.1728	.0572	.5647	.2492	.2376	.1313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176602/2- Acquired: 8/17/2013 13:53:55 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	512.9	934.0	354.5	1184.	339.3	258.0
Stddev	1.3	2.4	1.0	2.	.4	.4
%RSD	.2473	.2588	.2749	.1653	.1121	.1548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	636.0	563.9	954.0	1162.
Stddev	2.1	1.0	1.5	10.
%RSD	.3314	.1817	.1550	.8804
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.2	61476.	9814.9
Stddev	4.8	39.	48.3
%RSD	.08859	.06309	.49220

Sample Name: 460-61340-G-1-B DU@4 Acquired: 8/17/2013 13:57:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41780.	30.12	2.154	4102.	1.539	245600.
Stddev	83.	1.04	.137	2.	.119	323.
%RSD	.1977	3.439	6.350	.0500	7.736	.1316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.258	23.16	66.59	168.6	71530.	6247.
Stddev	.053	.10	.18	1.5	101.	31.
%RSD	2.343	.4194	.2731	.8991	.1413	.4905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20430.	1507.	4259.	60.59	5107.	.8882
Stddev	46.	2.	10.	.36	4.	1.232
%RSD	.2269	.1479	.2329	.5930	.0728	138.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-B DU@4 Acquired: 8/17/2013 13:57:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.593	-2.869	186.7	2499.	40.52	4.798
Stddev	1.436	.770	.3	4.	.82	.187
%RSD	39.96	26.83	.1352	.1610	2.014	3.887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	62.15	667.2	1177.	1554.
Stddev	.55	.6	.	63.
%RSD	.8786	.0900	.0275	4.077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5191.3	58831.	9552.4
Stddev	15.0	97.	32.5
%RSD	.28910	.16518	.33999

Sample Name: 460-61340-G-1-A@4 Acquired: 8/17/2013 14:01:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41920.	29.91	2.654	4101.	1.593	247400.
Stddev	95.	.78	.383	2.	.082	1352.
%RSD	.2262	2.607	14.45	.0424	5.162	.5467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.160	23.02	66.53	167.8	71810.	6241.
Stddev	.089	.09	.17	2.1	94.	21.
%RSD	4.125	.4124	.2594	1.261	.1314	.3434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20560.	1511.	4273.	60.17	5110.	-1.176
Stddev	20.	1.	8.	.23	6.	1.634
%RSD	.0972	.0944	.1906	.3803	.1209	138.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-A@4 Acquired: 8/17/2013 14:01:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.966	-2.587	187.1	2513.	39.93	3.918
Stddev	1.348	1.601	.7	5.	.48	.233
%RSD	27.14	61.88	.3619	.2036	1.205	5.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	62.37	667.9	1180.	1554.
Stddev	.40	1.3	6.	68.
%RSD	.6369	.1976	.4695	4.403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5180.7	58516.	9526.0
Stddev	9.0	108.	82.3
%RSD	.17286	.18518	.86446

Sample Name: sd 460-61340-G-1-A@2 Acquired: 8/17/2013 14:04:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8233.	4.600	2.020	829.2	.3450	49340.
Stddev	26.	1.970	.232	1.6	.0826	63.
%RSD	.3165	42.82	11.50	.1885	23.95	.1267
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3089	5.105	13.61	34.59	14690.	1207.
Stddev	.0840	.257	.17	1.44	26.	7.
%RSD	27.19	5.040	1.271	4.178	.1771	.5778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4244.	306.0	772.5	12.21	1057.	-1.298
Stddev	8.	.1	1.4	.79	3.	.663
%RSD	.1999	.0291	.1819	6.472	.2881	51.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61340-G-1-A@2 Acquired: 8/17/2013 14:04:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.721	.8308	36.90	515.7	7.107	.4811
Stddev	2.156	.9964	.15	1.3	.505	.1971
%RSD	125.3	119.9	.4145	.2456	7.107	40.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.68	132.0	235.2	275.8
Stddev	.30	.3	2.0	7.6
%RSD	2.384	.1898	.8536	2.762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5335.5	60293.	9460.1
Stddev	6.7	212.	15.9
%RSD	.12570	.35213	.16784

Sample Name: CCV Acquired: 8/17/2013 14:08:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126800.	2468.	1185.	9965.	1005.	120800.
Stddev	266.	7.	4.	16.	1.	242.
%RSD	.2096	.2858	.3068	.1565	.0908	.2006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1244.	2492.	4763.	12780.	101200.	49140.
Stddev	2.	4.	3.	41.	202.	67.
%RSD	.1336	.1527	.0682	.3216	.1991	.1372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119900.	4971.	128500.	2513.	7450.	954.2
Stddev	294.	25.	622.	3.	14.	3.6
%RSD	.2449	.5069	.4839	.1190	.1866	.3810
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 14:08:23 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2423.	2445.	2416.	2451.	1002.	2478.
Stddev	8.	5.	1.	1.	2.	9.
%RSD	.3355	.2034	.0223	.0316	.2109	.3564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.2	4961.	10040.	9380.
Stddev	1.5	62.	26.	66.
%RSD	.1478	1.244	.2595	.7014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4955.9	56026.	9180.8
Stddev	8.1	197.	29.4
%RSD	.16343	.35099	.32019

Sample Name: CCB Acquired: 8/17/2013 14:11:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.393	-1.032	1.707	.3548	.1777	47.27
Stddev	8.382	.523	.743	.1404	.0817	1.21
%RSD	155.4	50.70	43.50	39.55	45.96	2.561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0405	.2640	.1571	1.865	8.612	-.0831
Stddev	.0912	.0351	.6885	1.552	3.929	9.849
%RSD	224.9	13.28	438.2	83.25	45.62	11850.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.117	.2147	-43.45	-.3793	-1.066	1.338
Stddev	3.273	.0655	9.17	.1669	.411	1.132
%RSD	292.9	30.51	21.10	44.01	38.59	84.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 14:11:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.603	1.322	-.0176	-1.388	.2286	6.834
Stddev	.404	2.486	.1010	.177	.7065	1.071
%RSD	15.51	188.0	572.1	12.72	309.1	15.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5185	.1566	2.029	-20.76
Stddev	.4831	.1144	.220	16.58
%RSD	93.19	73.06	10.84	79.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5345.7	60892.	9361.5
Stddev	14.3	262.	41.7
%RSD	.26738	.42964	.44575

Sample Name: 460-61340-G-1-C MS@4 Acquired: 8/17/2013 14:15:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39890.	956.2	25.17	4791.	26.31	224200.
Stddev	64.	3.0	.32	3.	.08	86.
%RSD	.1603	.3137	1.261	.0676	.3131	.0386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.04	261.4	151.6	265.4	70270.	15700.
Stddev	.11	.1	1.3	1.2	5.	20.
%RSD	.4293	.0371	.8710	.4576	.0067	.1288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26780.	1919.	14020.	300.6	2018.	143.0
Stddev	28.	1.	30.	.7	5.	.7
%RSD	.1059	.0396	.2105	.2444	.2407	.4682
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-1-C MS@4 Acquired: 8/17/2013 14:15:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	899.5	952.1	380.0	2285.	274.4	233.9
Stddev	3.1	2.6	.9	8.	.7	.3
%RSD	.3463	.2743	.2401	.3345	.2430	.1393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	309.9	881.0	1330.	1951.
Stddev	.8	1.9	2.	27.
%RSD	.2555	.2139	.1852	1.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5141.7	58086.	9389.8
Stddev	6.2	175.	14.7
%RSD	.12010	.30209	.15669

Sample Name: pds 460-61340-G-1-A@ Acquired: 8/17/2013 14:19:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43110.	1890.	45.51	5915.	50.79	F 262000.
Stddev	165.	2.	.53	6.	.10	888.
%RSD	.3823	.1149	1.166	.0944	.1921	.3389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.13	495.5	246.4	410.5	71280.	25180.
Stddev	.27	1.5	.9	2.8	376.	17.
%RSD	.5438	.3126	.3492	.6720	.5280	.0675
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38270.	1962.	24450.	540.3	5449.	435.6
Stddev	146.	7.	46.	1.7	13.	2.3
%RSD	.3816	.3667	.1901	.3161	.2425	.5339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61340-G-1-A@ Acquired: 8/17/2013 14:19:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1813.	1880.	641.0	2927.	513.9	470.4
Stddev	3.	8.	1.0	7.	.8	1.7
%RSD	.1744	.4046	.1536	.2450	.1592	.3525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	541.7	1121.	1641.	1607.
Stddev	2.7	1.	4.	2.
%RSD	.5048	.0892	.2596	.0958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5128.0	57752.	9365.4
Stddev	9.9	181.	27.2
%RSD	.19391	.31326	.29061

Sample Name: 460-61175-E-3-H@4 Acquired: 8/17/2013 14:22:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43340.	19.50	2.293	384.3	1.758	11140.
Stddev	53.	.61	.499	.5	.072	73.
%RSD	.1225	3.134	21.74	.1407	4.086	.6575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1864	21.85	75.02	133.9	60040.	1818.
Stddev	.1925	.31	.36	1.4	262.	13.
%RSD	103.3	1.434	.4841	1.047	.4370	.7421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6413.	689.0	479.1	56.87	408.4	4.304
Stddev	42.	2.5	9.7	.57	2.8	.708
%RSD	.6584	.3701	2.017	1.005	.6948	16.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61175-E-3-H@4 Acquired: 8/17/2013 14:22:43 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.723	-2.868	111.8	325.7	8.626	5.611
Stddev	2.861	1.633	.1	.5	.220	.344
%RSD	42.55	56.93	.1053	.1599	2.547	6.133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	53.87	104.8	1532.	1052.
Stddev	.40	.3	.	7.
%RSD	.7451	.2708	.0254	.6363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5329.0	60446.	9467.7
Stddev	31.8	229.	75.0
%RSD	.59579	.37913	.79165

Sample Name: 460-61271-D-1-B@4 Acquired: 8/17/2013 14:26:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49160.	15.15	2.559	229.5	1.503	3574.
Stddev	87.	.99	.314	.2	.061	13.
%RSD	.1774	6.521	12.25	.0952	4.072	.3771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9901	38.42	153.4	78.46	90600.	1259.
Stddev	.0782	.30	.8	1.46	278.	18.
%RSD	7.897	.7813	.5239	1.857	.3071	1.390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4953.	1655.	2925.	71.32	193.6	.7592
Stddev	24.	4.	5.	1.08	.8	.7680
%RSD	.4853	.2634	.1855	1.513	.3890	101.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61271-D-1-B@4 Acquired: 8/17/2013 14:26:18 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.151	-5.150	118.5	368.9	5.437	4.012
Stddev	.895	.632	.5	.6	.056	.286
%RSD	14.54	12.27	.4363	.1543	1.023	7.126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.58	16.48	732.7	1134.
Stddev	.55	.17	1.6	19.
%RSD	1.602	1.037	.2201	1.686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5412.3	61468.	9616.6
Stddev	23.4	359.	31.4
%RSD	.43209	.58358	.32661

Sample Name: 460-61340-G-2-A@4 Acquired: 8/17/2013 14:29:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42860.	3.804	1.678	648.7	.9753	27940.
Stddev	142.	.447	.218	.7	.0286	108.
%RSD	.3314	11.74	12.96	.1081	2.929	.3854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1013	39.92	127.0	196.5	69650.	12470.
Stddev	.1065	.17	1.2	.9	209.	41.
%RSD	105.1	.4298	.9404	.4663	.3000	.3320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17910.	1873.	1815.	80.91	235.0	1.194
Stddev	76.	5.	4.	.60	.5	1.086
%RSD	.4243	.2521	.2336	.7416	.2193	90.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-G-2-A@4 Acquired: 8/17/2013 14:29:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.169	-4.202	127.8	405.4	10.72	2.309
Stddev	1.696	1.810	.4	.9	.56	.277
%RSD	78.19	43.07	.3120	.2324	5.200	12.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.10	159.4	2585.	889.2
Stddev	.57	.1	5.	11.7
%RSD	1.671	.0612	.2027	1.311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5319.9	60624.	9509.3
Stddev	23.1	291.	51.3
%RSD	.43333	.48015	.53972

Sample Name: 460-61340-A-3-E@4 Acquired: 8/17/2013 14:33:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28860.	42.41	3.159	6746.	1.239	F 271300.
Stddev	66.	1.07	.203	6.	.065	1761.
%RSD	.2272	2.527	6.426	.0873	5.235	.6489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.63	20.03	803.6	269.1	84290.	5204.
Stddev	.17	.10	2.8	.6	201.	12.
%RSD	1.584	.4786	.3475	.2102	.2384	.2363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20120.	1816.	2062.	65.97	9491.	2.526
Stddev	94.	6.	6.	.48	13.	.959
%RSD	.4675	.3111	.2962	.7247	.1406	37.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-3-E@4 Acquired: 8/17/2013 14:33:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.235	-5.255	180.9	3732.	43.10	6.056
Stddev	1.928	.620	1.1	9.	.32	.091
%RSD	20.88	11.79	.6227	.2489	.7518	1.511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	114.3	677.0	991.5	1775.
Stddev	.5	.9	2.0	53.
%RSD	.4000	.1355	.2012	2.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5065.3	57634.	9238.1
Stddev	15.5	132.	39.2
%RSD	.30524	.22905	.42481

Sample Name: 460-61340-A-4-B@4 Acquired: 8/17/2013 14:37:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30620.	.1881	2.154	347.8	2.097	5846.
Stddev	49.	1.481	.720	.2	.045	19.
%RSD	.1604	787.3	33.41	.0646	2.145	.3260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5044	42.87	82.05	95.28	95250.	11760.
Stddev	.0329	.29	.44	1.60	208.	17.
%RSD	6.526	.6755	.5313	1.681	.2183	.1464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13400.	2550.	995.5	80.23	61.37	-.2315
Stddev	31.	5.	2.7	.04	.09	.6446
%RSD	.2343	.1926	.2746	.0555	.1389	278.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-4-B@4 Acquired: 8/17/2013 14:37:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.402	-5.869	98.55	166.0	4.458	3.426
Stddev	1.904	1.776	.27	.4	.397	.136
%RSD	35.26	30.26	.2725	.2339	8.914	3.958
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.98	41.32	2306.	831.0
Stddev	.51	.05	4.	5.7
%RSD	1.585	.1100	.1852	.6877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5333.3	60666.	9383.4
Stddev	19.5	297.	65.5
%RSD	.36512	.48916	.69752

Sample Name: 460-61340-F-6-A@4 Acquired: 8/17/2013 14:40:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62410.	23.53	2.563	373.3	1.621	7569.
Stddev	52.	.53	.188	.2	.091	53.
%RSD	.0839	2.246	7.349	.0404	5.588	.6992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0034	30.53	90.58	201.5	103500.	7695.
Stddev	.1429	.24	.70	1.4	245.	35.
%RSD	4186.	.7999	.7741	.6847	.2370	.4564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15830.	1020.	310.9	81.53	956.5	.9257
Stddev	66.	2.	6.5	.37	2.5	.8679
%RSD	.4171	.2250	2.086	.4577	.2580	93.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-F-6-A@4 Acquired: 8/17/2013 14:40:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.75	-5.305	122.3	412.9	8.837	2.929
Stddev	1.54	1.330	.5	1.2	.425	.171
%RSD	14.37	25.07	.4159	.2861	4.815	5.833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	35.22	68.28	1788.	958.6
Stddev	.37	.30	4.	9.9
%RSD	1.038	.4436	.2106	1.028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5340.6	60640.	9538.6
Stddev	21.1	236.	44.3
%RSD	.39451	.38902	.46482

Sample Name: 460-61340-H-7-A@4 Acquired: 8/17/2013 14:44:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51020.	1.498	2.200	453.6	1.155	11730.
Stddev	120.	1.691	.138	.6	.086	85.
%RSD	.2350	112.9	6.279	.1280	7.453	.7230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3669	66.50	110.8	220.3	103800.	19870.
Stddev	.0887	.17	.6	2.4	716.	56.
%RSD	24.18	.2494	.5184	1.101	.6900	.2801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22670.	1493.	1338.	105.5	122.2	.8777
Stddev	143.	9.	4.	.7	.7	1.959
%RSD	.6307	.5803	.3071	.6959	.5990	223.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-H-7-A@4 Acquired: 8/17/2013 14:44:24 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.447	-4.747	144.2	222.2	7.934	3.117
Stddev	1.155	1.115	1.2	.6	.493	.246
%RSD	17.91	23.48	.8183	.2684	6.210	7.882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.59	38.82	3410.	934.4
Stddev	.49	.06	4.	11.1
%RSD	1.545	.1473	.1139	1.183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5334.0	60812.	9544.4
Stddev	21.6	175.	35.6
%RSD	.40524	.28822	.37253

Sample Name: 460-61340-A-8-E@4 Acquired: 8/17/2013 14:48:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55170.	79.57	6.131	4701.	2.323	79660.
Stddev	50.	1.95	.388	4.	.065	306.
%RSD	.0898	2.450	6.329	.0888	2.802	.3847
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.373	44.88	157.6	665.5	130100.	9517.
Stddev	.252	.23	.6	2.4	251.	6.
%RSD	2.685	.5147	.3739	.3557	.1931	.0634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15390.	1500.	827.6	258.9	F 18180.	3.990
Stddev	46.	3.	2.7	.4	21.	1.592
%RSD	.3015	.2053	.3300	.1364	.1138	39.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Sample Name: 460-61340-A-8-E@4 Acquired: 8/17/2013 14:48:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.43	-5.307	200.0	2375.	13.69	5.729
Stddev	.80	.336	.5	7.	.46	.421
%RSD	3.148	6.338	.2438	.3063	3.367	7.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	197.4	628.5	2298.	1217.
Stddev	1.0	1.1	3.	16.
%RSD	.5132	.1817	.1448	1.339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5255.3	59945.	9567.4
Stddev	17.1	349.	14.0
%RSD	.32598	.58169	.14606

Sample Name: CCV Acquired: 8/17/2013 14:51:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	2471.	1188.	9985.	1006.	122200.
Stddev	392.	6.	2.	3.	2.	337.
%RSD	.3077	.2341	.1357	.0283	.1969	.2757
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1248.	2496.	4808.	12790.	102100.	49490.
Stddev	1.	1.	9.	28.	265.	140.
%RSD	.0566	.0202	.1801	.2170	.2590	.2824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	5013.	129000.	2518.	7472.	951.3
Stddev	268.	11.	689.	1.	8.	.5
%RSD	.2208	.2173	.5341	.0489	.1024	.0532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 14:51:32 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2411.	2444.	2432.	2471.	996.5	2479.
Stddev	6.	5.	4.	7.	3.0	3.
%RSD	.2513	.2185	.1579	.2805	.3047	.1228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4969.	10060.	9326.
Stddev	1.	57.	26.	114.
%RSD	.0509	1.144	.2567	1.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4998.2	56362.	9135.8
Stddev	30.7	276.	55.6
%RSD	.61454	.48950	.60890

Sample Name: CCB Acquired: 8/17/2013 14:55:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.053	-.5697	1.828	.4244	.1163	47.91
Stddev	16.78	.8598	.258	.0777	.0858	1.21
%RSD	549.7	150.9	14.12	18.30	73.77	2.521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1462	.2246	.2439	2.600	13.02	-3.191
Stddev	.0603	.0803	.0344	.680	4.56	18.70
%RSD	41.26	35.76	14.09	26.17	35.03	586.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9574	.2914	-48.70	-.0579	-.1260	.3460
Stddev	1.076	.1231	19.47	.1603	1.289	1.011
%RSD	112.4	42.24	39.98	276.7	1023.	292.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 14:55:08 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.675	1.549	-.0252	-1.338	.2297	7.251
Stddev	.936	1.112	.1813	.129	.3112	1.292
%RSD	34.98	71.80	718.7	9.616	135.4	17.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7759	.2271	1.937	-13.96
Stddev	.0799	.1496	.983	12.28
%RSD	10.30	65.89	50.73	87.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5378.2	61016.	9253.9
Stddev	7.0	257.	46.4
%RSD	.13000	.42184	.50137

Sample Name: 460-61340-A-9-B@4 Acquired: 8/17/2013 14:58:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107300.	2.580	3.441	861.5	2.223	9106.
Stddev	83.	.917	.426	1.0	.132	63.
%RSD	.0772	35.54	12.39	.1180	5.928	.6925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.119	109.6	188.9	1131.	F 327800.	53360.
Stddev	.459	.1	1.2	2.	1891.	67.
%RSD	40.97	.1289	.6086	.2082	.5770	.1249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54000.	1233.	2370.	235.6	44.97	.0977
Stddev	426.	5.	8.	.5	.82	1.441
%RSD	.7880	.4202	.3292	.1963	1.833	1475.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-9-B@4 Acquired: 8/17/2013 14:58:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.33	-13.32	322.8	194.5	3.860	7.370
Stddev	2.00	1.83	1.6	1.1	.217	.306
%RSD	10.89	13.75	.4952	.5827	5.625	4.148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	34.14	34.17	7029.	1160.
Stddev	.51	.36	3.	21.
%RSD	1.503	1.063	.0454	1.772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5247.0	59361.	9559.2
Stddev	21.2	258.	92.9
%RSD	.40497	.43544	.97213

Sample Name: 460-61340-F-10-A@4 Acquired: 8/17/2013 15:02:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65010.	6.786	2.101	1443.	.4510	68330.
Stddev	155.	1.187	.522	4.	.0758	180.
%RSD	.2387	17.48	24.85	.2614	16.81	.2637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3744	75.54	111.8	158.7	123200.	35050.
Stddev	.1313	.50	1.1	1.8	281.	59.
%RSD	35.06	.6553	.9631	1.119	.2282	.1681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43270.	1009.	1380.	159.4	1061.	-.5911
Stddev	106.	2.	7.	.6	1.	1.140
%RSD	.2446	.2115	.5322	.3788	.1160	192.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-F-10-A@4 Acquired: 8/17/2013 15:02:26 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.166	-4.492	153.8	1282.	8.458	3.710
Stddev	.724	1.300	.8	2.	.452	.262
%RSD	14.01	28.94	.5413	.1799	5.344	7.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	18.54	128.3	4996.	1419.
Stddev	.42	.2	16.	16.
%RSD	2.289	.1416	.3267	1.135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5287.3	59542.	9455.1
Stddev	12.5	205.	37.6
%RSD	.23649	.34427	.39751

Sample Name: 460-61340-H-11-A@4 Acquired: 8/17/2013 15:05:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51840.	7.727	2.216	3037.	1.074	129700.
Stddev	89.	3.011	.360	2.	.054	331.
%RSD	.1724	38.96	16.24	.0635	5.045	.2549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2226	48.56	93.01	103.2	86630.	17340.
Stddev	.0636	.06	1.20	.7	68.	7.
%RSD	28.59	.1322	1.291	.6690	.0790	.0418
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32240.	1101.	880.9	115.7	2596.	-.1706
Stddev	68.	1.	3.7	.2	4.	.7187
%RSD	.2119	.1125	.4244	.1936	.1421	421.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-H-11-A@4 Acquired: 8/17/2013 15:05:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.851	-2.791	127.2	1660.	8.674	3.305
Stddev	1.609	.334	.4	4.	.435	.117
%RSD	56.42	11.97	.2932	.2686	5.014	3.549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.08	227.6	3191.	1301.
Stddev	.51	.5	4.	14.
%RSD	4.255	.1988	.1216	1.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5248.2	59187.	9438.9
Stddev	11.7	95.	29.5
%RSD	.22302	.16038	.31287

Sample Name: 460-61340-A-12-E@4 Acquired: 8/17/2013 15:09:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61910.	16.58	2.878	5816.	1.784	25760.
Stddev	621.	1.60	.417	61.	.080	407.
%RSD	1.003	9.636	14.50	1.056	4.487	1.579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.320	71.44	108.6	298.9	107700.	19320.
Stddev	.131	.75	1.6	5.2	1643.	225.
%RSD	9.951	1.052	1.431	1.742	1.526	1.166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25670.	1706.	908.3	132.9	4651.	-1.553
Stddev	396.	25.	10.1	1.7	44.	1.165
%RSD	1.543	1.459	1.114	1.245	.9508	75.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-12-E@4 Acquired: 8/17/2013 15:09:33 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.429	-4.523	152.3	2890.	11.75	5.843
Stddev	1.585	.631	2.0	34.	.44	.189
%RSD	24.65	13.95	1.322	1.163	3.725	3.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	16.50	204.9	3533.	1270.
Stddev	.52	1.9	38.	12.
%RSD	3.172	.9144	1.076	.9110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5396.2	60814.	9579.9
Stddev	9.1	171.	47.2
%RSD	.16834	.28162	.49305

Sample Name: 460-61340-A-13-B@4 Acquired: 8/17/2013 15:13:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50180.	-1.538	2.802	362.4	.5116	9181.
Stddev	130.	1.955	.407	.5	.0808	30.
%RSD	.2599	127.1	14.52	.1460	15.79	.3295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6069	60.82	70.39	78.63	90130.	22640.
Stddev	.0966	.08	.25	1.11	148.	65.
%RSD	15.92	.1332	.3499	1.410	.1636	.2880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27660.	1433.	760.5	140.4	37.81	.8082
Stddev	46.	2.	3.2	.3	1.02	.8008
%RSD	.1657	.1325	.4208	.2366	2.697	99.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61340-A-13-B@4 Acquired: 8/17/2013 15:13:06 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.070	-3.568	94.14	293.2	1.863	2.010
Stddev	1.543	.303	.46	.5	.641	.171
%RSD	37.92	8.498	.4896	.1618	34.40	8.517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.145	50.11	3892.	869.8
Stddev	.022	.23	10.	19.1
%RSD	.2673	.4663	.2566	2.194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5398.2	60786.	9483.4
Stddev	12.9	46.	33.7
%RSD	.23916	.07617	.35534

Sample Name: 460-60868-D-5-A@4 Acquired: 8/17/2013 15:16:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30250.	19.84	1.837	153.7	.4651	2494.
Stddev	74.	.95	.123	.2	.0447	4.
%RSD	.2453	4.789	6.700	.1620	9.612	.1521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4233	2.704	35.05	25.56	29670.	914.6
Stddev	.0961	.132	.23	.84	32.	25.4
%RSD	22.70	4.884	.6625	3.304	.1088	2.781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1406.	121.4	59.30	13.99	448.5	.9979
Stddev	5.	.1	2.10	.62	1.2	1.281
%RSD	.3667	.0954	3.537	4.466	.2739	128.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60868-D-5-A@4 Acquired: 8/17/2013 15:16:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.787	-.2231	54.83	292.2	7.099	1.601
Stddev	1.980	.5492	.25	.3	.062	.336
%RSD	110.8	246.1	.4585	.0877	.8751	20.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.72	16.23	547.9	1176.
Stddev	.21	.02	1.1	11.
%RSD	1.414	.1087	.1997	.9608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5367.7	60799.	9355.2
Stddev	11.6	169.	44.4
%RSD	.21593	.27857	.47476

Sample Name: 460-61017-E-10-B@4 Acquired: 8/17/2013 15:20:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	145500.	20.09	2.094	422.9	2.679	2706.
Stddev	248.	1.56	.479	.6	.060	16.
%RSD	.1701	7.748	22.90	.1412	2.258	.6003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.257	34.70	121.7	65.21	123700.	4145.
Stddev	.057	.15	.6	.56	357.	35.
%RSD	4.525	.4326	.5201	.8543	.2889	.8396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7351.	994.2	228.4	78.18	54.32	.2936
Stddev	23.	2.6	2.3	.42	.60	1.112
%RSD	.3158	.2614	1.021	.5374	1.104	378.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61017-E-10-B@4 Acquired: 8/17/2013 15:20:17 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.863	-5.121	198.0	266.8	8.350	3.651
Stddev	.414	.515	.4	.5	.511	.077
%RSD	7.070	10.06	.2121	.1848	6.116	2.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.038	23.40	2694.	1195.
Stddev	.521	.05	4.	16.
%RSD	5.761	.2211	.1305	1.376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5460.4	60677.	9605.5
Stddev	8.0	58.	94.0
%RSD	.14571	.09574	.97911

Sample Name: 460-61073-E-1-M@4 Acquired: 8/17/2013 15:23:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159600.	19.78	1.421	368.2	4.394	3686.
Stddev	159.	.73	.315	.5	.023	10.
%RSD	.0996	3.703	22.20	.1285	.5154	.2679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.051	37.82	112.4	81.18	F 209300.	4212.
Stddev	.130	.07	1.4	.33	364.	2.
%RSD	12.33	.1948	1.202	.4049	.1741	.0553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8029.	1093.	121.8	58.39	75.44	-1.750
Stddev	24.	1.	7.5	.38	1.39	1.457
%RSD	.2947	.1298	6.176	.6446	1.840	83.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-1-M@4 Acquired: 8/17/2013 15:23:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.256	-11.37	252.8	179.8	2.633	7.054
Stddev	1.879	.91	.3	.3	.263	.065
%RSD	22.76	8.013	.1174	.1615	9.993	.9190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.91	17.87	3224.	1304.
Stddev	.63	.12	6.	9.
%RSD	4.849	.6764	.1863	.6876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5805.0	64499.	10253.
Stddev	12.7	209.	46.
%RSD	.21925	.32350	.45218

Sample Name: 460-61073-A-24-A@4 Acquired: 8/17/2013 15:27:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163400.	20.48	1.361	469.1	4.051	8464.
Stddev	109.	1.47	.475	.6	.112	15.
%RSD	.0670	7.179	34.94	.1361	2.755	.1806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6533	42.66	94.46	101.1	195300.	3938.
Stddev	.0645	.29	.09	.8	215.	23.
%RSD	9.877	.6774	.0969	.7995	.1099	.5833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8840.	1857.	237.3	59.58	133.9	-2.251
Stddev	19.	2.	2.9	.72	1.1	1.568
%RSD	.2124	.1068	1.218	1.210	.8183	69.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-24-A@4 Acquired: 8/17/2013 15:27:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.615	-9.724	195.3	302.1	4.673	7.680
Stddev	1.172	.276	.4	.3	.116	.237
%RSD	13.60	2.835	.1807	.0882	2.471	3.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.64	32.36	3149.	1239.
Stddev	.59	.11	2.	17.
%RSD	4.638	.3383	.0776	1.344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5924.8	65912.	10435.
Stddev	8.1	182.	105.
%RSD	.13614	.27644	1.0055

Sample Name: 460-61073-A-25-A@4 Acquired: 8/17/2013 15:31:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	112700.	15.09	2.419	403.8	3.949	7532.
Stddev	93.	1.10	.406	.6	.045	24.
%RSD	.0821	7.274	16.79	.1561	1.144	.3134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4473	39.21	82.09	87.65	164000.	4793.
Stddev	.1377	.16	.73	2.42	350.	7.
%RSD	30.77	.3977	.8941	2.763	.2133	.1360
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10640.	1473.	299.1	56.98	73.91	-2.015
Stddev	31.	3.	3.4	.19	1.79	.989
%RSD	.2909	.1918	1.141	.3297	2.420	49.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-25-A@4 Acquired: 8/17/2013 15:31:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.404	-8.607	172.3	235.7	2.581	4.608
Stddev	1.119	1.154	.6	.6	.668	.021
%RSD	17.47	13.41	.3531	.2440	25.87	.4557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.79	39.45	2849.	1077.
Stddev	.39	.11	1.	6.
%RSD	2.810	.2850	.0342	.5563
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5974.9	66843.	10621.
Stddev	6.2	274.	41.
%RSD	.10422	.40952	.38718

Sample Name: CCV Acquired: 8/17/2013 15:34:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127100.	2463.	1188.	9972.	1003.	121000.
Stddev	42.	2.	.	1.	1.	224.
%RSD	.0333	.0701	.0276	.0100	.0718	.1850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1245.	2495.	4781.	12780.	101600.	49550.
Stddev	1.	1.	2.	21.	170.	65.
%RSD	.0809	.0569	.0455	.1665	.1668	.1320
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120400.	4977.	129300.	2514.	7453.	958.8
Stddev	206.	5.	513.	3.	9.	2.3
%RSD	.1708	.1084	.3970	.1369	.1158	.2385
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 15:34:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2418.	2452.	2423.	2451.	1002.	2477.
Stddev	9.	6.	1.	3.	1.	5.
%RSD	.3905	.2606	.0240	.1291	.1265	.2061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.5	4978.	10050.	9299.
Stddev	1.0	6.	7.	61.
%RSD	.0978	.1141	.0648	.6554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4963.0	56117.	9137.7
Stddev	2.9	85.	24.8
%RSD	.05800	.15190	.27120

Sample Name: CCB Acquired: 8/17/2013 15:38:14 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.911	-.9879	1.851	.3224	.0598	46.31
Stddev	6.669	1.225	.286	.3949	.1247	2.87
%RSD	74.84	124.0	15.47	122.5	208.6	6.195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0822	.1956	-.0264	2.198	17.75	11.91
Stddev	.1264	.1506	.3566	.669	10.45	18.94
%RSD	153.7	77.01	1349.	30.45	58.83	159.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.051	.2945	-40.52	-.0044	-1.051	1.078
Stddev	5.135	.1932	11.91	.1668	.784	.954
%RSD	250.3	65.58	29.40	3805.	74.53	88.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 15:38:14 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.177	1.659	-.0368	-1.489	.1689	6.762
Stddev	.355	.823	.2142	.145	.1905	1.169
%RSD	16.33	49.64	582.0	9.729	112.8	17.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9638	.2248	1.100	-8.024
Stddev	.1574	.1475	.477	14.94
%RSD	16.33	65.61	43.39	186.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5389.2	61512.	9391.0
Stddev	12.4	83.	48.7
%RSD	.23056	.13432	.51876

Sample Name: 460-61073-A-26-A@4 Acquired: 8/17/2013 15:42:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116900.	18.58	1.405	335.2	3.740	3144.
Stddev	234.	1.66	.487	.5	.129	13.
%RSD	.2003	8.939	34.63	.1487	3.439	.4131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6605	47.34	103.5	89.56	147000.	2249.
Stddev	.0888	.10	.9	.61	513.	7.
%RSD	13.44	.2027	.8403	.6832	.3492	.3166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10790.	952.1	104.9	76.55	47.50	-.9414
Stddev	45.	2.7	2.9	.24	1.97	2.967
%RSD	.4194	.2829	2.761	.3176	4.138	315.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-26-A@4 Acquired: 8/17/2013 15:42:00 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.317	-6.917	217.3	206.7	5.113	4.170
Stddev	1.312	2.791	.5	.6	.385	.099
%RSD	14.08	40.34	.2376	.3115	7.526	2.379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.45	21.24	2925.	1136.
Stddev	.33	.09	1.	8.
%RSD	2.897	.4202	.0431	.6607
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5707.1	64083.	10154.
Stddev	5.2	124.	28.
%RSD	.09176	.19415	.27961

Sample Name: MB 460-176603/1-A@2 Acquired: 8/17/2013 15:45:34 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.867	-1.309	1.861	.0117	-.0185	42.91
Stddev	13.68	1.339	.501	.0947	.0989	7.74
%RSD	154.3	102.3	26.91	806.7	535.4	18.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1002	-.0299	.1746	.8068	14.95	-29.73
Stddev	.0545	.1925	.2737	1.270	2.74	6.34
%RSD	54.39	644.6	156.8	157.4	18.34	21.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.720	.0492	-67.53	-.5664	-.7493	-.2643
Stddev	3.751	.0355	3.37	.4063	1.682	1.372
%RSD	137.9	72.06	4.986	71.73	224.4	519.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176603/1-A@2 Acquired: 8/17/2013 15:45:34 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2913	1.185	-.2839	-1.513	-.5112	-.0295
Stddev	1.847	.314	.1861	.126	.2451	.0808
%RSD	634.0	26.53	65.54	8.294	47.94	274.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1767	.0043	-.1935	-19.21
Stddev	.3664	.0443	.8774	9.23
%RSD	207.4	1037.	453.4	48.06
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5351.3	60981.	9317.7
Stddev	3.6	168.	64.5
%RSD	.06747	.27482	.69191

Sample Name: LCSSRM 460-176603/2- Acquired: 8/17/2013 15:49:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49110.	815.5	201.0	1105.	554.9	34210.
Stddev	24.	1.2	1.3	1.	.2	76.
%RSD	.0481	.1450	.6630	.0933	.0330	.2229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	520.7	688.5	581.9	610.8	67900.	15440.
Stddev	.1	1.0	1.0	1.8	48.	4.
%RSD	.0276	.1422	.1738	.2975	.0710	.0242
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13550.	1788.	1693.	373.4	399.1	265.8
Stddev	34.	2.	3.	1.0	1.7	2.9
%RSD	.2491	.1311	.1624	.2737	.4272	1.100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176603/2- Acquired: 8/17/2013 15:49:19 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	607.8	1092.	423.3	1417.	410.0	297.6
Stddev	2.7	3.	.4	4.	.9	.4
%RSD	.4407	.2495	.0898	.2759	.2177	.1229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	723.7	673.3	1215.	890.0
Stddev	1.2	.2	2.	10.5
%RSD	.1721	.0357	.1648	1.185
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5409.4	61111.	9682.7
Stddev	7.0	84.	38.8
%RSD	.12914	.13747	.40076

Sample Name: 460-61073-E-3-J DU@4 Acquired: 8/17/2013 15:52:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96330.	16.77	6.131	288.8	3.828	4821.
Stddev	38.	.08	.107	.4	.048	9.
%RSD	.0390	.4573	1.749	.1431	1.246	.1945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.81	32.65	84.49	81.10	168100.	2869.
Stddev	.15	.25	.39	1.43	312.	28.
%RSD	1.293	.7707	.4573	1.767	.1855	.9791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7161.	1577.	95.64	78.43	94.22	-1.704
Stddev	23.	3.	4.38	.36	.58	1.409
%RSD	.3201	.1876	4.580	.4634	.6164	82.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-J DU@4 Acquired: 8/17/2013 15:52:42 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.437	-7.295	141.0	226.7	5.740	4.668
Stddev	1.215	.413	.3	.3	.321	.224
%RSD	12.88	5.660	.1890	.1192	5.592	4.807
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.533	26.11	1897.	871.0
Stddev	.530	.15	1.	16.6
%RSD	6.206	.5714	.0464	1.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6108.3	68602.	10884.
Stddev	10.7	73.	11.
%RSD	.17446	.10667	.10488

Sample Name: 460-61073-E-3-I@4 Acquired: 8/17/2013 15:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96420.	15.27	6.421	288.9	3.795	4829.
Stddev	132.	1.63	.289	.5	.051	22.
%RSD	.1365	10.66	4.499	.1762	1.352	.4462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.97	32.79	83.94	81.98	168300.	2869.
Stddev	.14	.23	.21	1.10	732.	17.
%RSD	1.181	.6998	.2549	1.347	.4351	.5978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7186.	1579.	96.25	78.66	93.72	.3884
Stddev	43.	6.	4.98	.27	.97	1.787
%RSD	.5939	.3732	5.170	.3452	1.036	460.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-I@4 Acquired: 8/17/2013 15:56:16 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.422	-7.734	141.4	226.5	5.182	4.310
Stddev	.859	.932	.6	.4	.334	.295
%RSD	10.20	12.06	.4236	.1981	6.448	6.837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.636	26.02	1896.	863.8
Stddev	.212	.19	4.	13.3
%RSD	2.782	.7147	.1945	1.542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6106.0	68613.	10844.
Stddev	6.8	293.	18.
%RSD	.11067	.42731	.16281

Sample Name: sd 460-61073-E-3-I@2 Acquired: 8/17/2013 15:59:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21090.	3.518	2.606	63.19	.8763	1099.
Stddev	56.	.877	.199	.06	.0767	2.
%RSD	.2659	24.94	7.644	.0983	8.757	.2148
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.472	7.485	18.54	19.96	37260.	609.6
Stddev	.052	.099	.73	3.05	42.	3.4
%RSD	2.106	1.318	3.941	15.29	.1128	.5636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1626.	349.4	-33.78	17.26	20.98	-.6869
Stddev	4.	.4	6.30	.19	.71	.9516
%RSD	.2700	.1084	18.67	1.125	3.389	138.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61073-E-3-I@2 Acquired: 8/17/2013 15:59:51 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6000	-.7895	30.66	48.92	.7156	.6509
Stddev	1.722	.7923	.12	.26	.2886	.2909
%RSD	287.0	100.4	.4042	.5356	40.34	44.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.130	5.570	414.6	163.0
Stddev	.251	.031	1.3	9.7
%RSD	11.76	.5617	.3215	5.944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5562.8	62844.	9719.9
Stddev	6.4	31.	39.7
%RSD	.11540	.04991	.40839

Sample Name: 460-61073-E-3-K MS@4 Acquired: 8/17/2013 16:03:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107800.	825.3	22.30	1188.	26.09	13560.
Stddev	580.	1.2	1.35	4.	.13	77.
%RSD	.5377	.1394	6.037	.3111	.4959	.5715
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.62	258.2	176.8	197.6	180300.	11660.
Stddev	.23	1.1	.8	1.4	877.	56.
%RSD	.7623	.4358	.4677	.7306	.4864	.4845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15390.	2114.	9010.	279.3	346.1	72.00
Stddev	96.	11.	54.	.5	1.4	1.27
%RSD	.6258	.4983	.5963	.1796	.4151	1.761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-3-K MS@4 Acquired: 8/17/2013 16:03:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	794.3	851.3	397.0	432.7	206.2	204.8
Stddev	1.7	1.9	2.4	.8	1.3	1.0
%RSD	.2078	.2187	.5994	.1785	.6506	.4660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	204.5	238.4	2253.	941.8
Stddev	1.5	1.2	11.	9.8
%RSD	.7526	.5168	.4968	1.044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6053.7	67954.	10825.
Stddev	27.5	328.	53.
%RSD	.45402	.48280	.49284

Sample Name: pds 460-61073-E-3-I@ Acquired: 8/17/2013 16:06:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96700.	1624.	43.71	2003.	46.73	21330.
Stddev	159.	4.	.47	2.	.12	56.
%RSD	.1645	.2434	1.082	.0825	.2495	.2645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53.82	455.0	243.8	294.4	165500.	19330.
Stddev	.12	.2	.4	1.2	312.	45.
%RSD	.2321	.0427	.1841	.3963	.1885	.2342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22940.	1972.	17590.	508.8	513.2	382.2
Stddev	53.	3.	10.	.9	3.0	2.4
%RSD	.2320	.1387	.0556	.1679	.5933	.6247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61073-E-3-I@ Acquired: 8/17/2013 16:06:52 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1576.	1679.	541.2	636.9	412.7	413.3
Stddev	9.	4.	1.3	1.1	.4	1.6
%RSD	.5471	.2279	.2484	.1671	.0984	.3763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	434.7	436.3	2290.	892.3
Stddev	1.4	.2	4.	4.9
%RSD	.3297	.0534	.1840	.5510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5999.0	67356.	10747.
Stddev	12.3	276.	47.
%RSD	.20434	.40994	.44137

Sample Name: 460-61073-E-2-G@4 Acquired: 8/17/2013 16:10:12 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82470.	13.80	2.189	242.5	3.595	3312.
Stddev	242.	.43	.516	.4	.037	29.
%RSD	.2933	3.103	23.59	.1794	1.022	.8661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2531	29.57	61.50	65.49	144200.	2391.
Stddev	.2029	.29	.37	1.96	775.	3.
%RSD	80.17	.9843	.5952	2.985	.5371	.1257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6177.	1172.	52.21	42.77	59.00	1.041
Stddev	46.	6.	2.27	.54	.37	1.366
%RSD	.7491	.4717	4.343	1.258	.6210	131.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-2-G@4 Acquired: 8/17/2013 16:10:12 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.835	-5.989	123.2	157.4	3.956	4.119
Stddev	1.721	.669	.8	.4	.328	.427
%RSD	25.18	11.17	.6304	.2499	8.301	10.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.47	15.71	1622.	781.4
Stddev	.91	.07	5.	2.6
%RSD	6.745	.4355	.2903	.3372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6010.1	67816.	10692.
Stddev	28.3	51.	39.
%RSD	.47072	.07523	.36373

Sample Name: 460-61073-E-4-G@4 Acquired: 8/17/2013 16:13:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	86980.	15.95	2.212	270.3	3.925	3850.
Stddev	47.	.45	.205	.3	.129	5.
%RSD	.0539	2.803	9.289	.1196	3.276	.1249
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5531	32.49	71.47	70.93	169500.	2412.
Stddev	.1021	.09	.33	1.09	220.	14.
%RSD	18.47	.2650	.4628	1.536	.1300	.5928
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6637.	1735.	49.88	47.11	74.47	-1.149
Stddev	19.	2.	.86	.27	1.01	.258
%RSD	.2912	.0989	1.729	.5665	1.356	22.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-4-G@4 Acquired: 8/17/2013 16:13:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.512	-7.378	149.0	184.0	2.100	3.653
Stddev	1.262	.478	.1	.3	.227	.174
%RSD	19.39	6.475	.0635	.1758	10.83	4.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.16	14.58	1579.	789.9
Stddev	.35	.02	2.	17.2
%RSD	2.693	.1153	.1161	2.180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6184.0	69971.	11007.
Stddev	21.0	260.	29.
%RSD	.33885	.37175	.26556

Sample Name: CCV Acquired: 8/17/2013 16:17:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126500.	2450.	1182.	9924.	997.0	120800.
Stddev	203.	3.	1.	10.	2.6	219.
%RSD	.1603	.1121	.1043	.1016	.2607	.1813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1240.	2483.	4764.	12690.	101200.	49370.
Stddev	2.	4.	4.	28.	182.	80.
%RSD	.1360	.1659	.0943	.2175	.1794	.1612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120100.	4955.	128800.	2501.	7419.	948.5
Stddev	152.	5.	596.	4.	9.	3.9
%RSD	.1267	.0994	.4626	.1463	.1169	.4111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 16:17:22 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2406.	2441.	2411.	2449.	994.0	2464.
Stddev	8.	4.	2.	4.	1.6	2.
%RSD	.3215	.1823	.0816	.1690	.1646	.0661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.1	4926.	9985.	9188.
Stddev	1.5	64.	12.	68.
%RSD	.1494	1.304	.1211	.7452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4985.6	56319.	9086.6
Stddev	17.0	93.	35.3
%RSD	.34073	.16509	.38819

Sample Name: CCB Acquired: 8/17/2013 16:20:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.53	-1.320	2.065	.4798	.1127	48.05
Stddev	11.96	.447	.168	.4046	.1141	5.58
%RSD	77.06	33.86	8.154	84.33	101.2	11.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0043	.4256	.4600	.7009	17.03	7.997
Stddev	.0440	.2369	.2154	1.615	3.59	20.31
%RSD	1029.	55.68	46.82	230.4	21.06	254.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.867	.2775	-43.06	-.0299	-1.119	1.557
Stddev	6.359	.2533	13.36	.3016	.402	.629
%RSD	164.4	91.26	31.04	1008.	35.95	40.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 16:20:59 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.795	2.450	.0658	-1.384	.1604	6.878
Stddev	1.454	.391	.3180	.125	.5889	1.081
%RSD	81.04	15.94	483.2	9.026	367.2	15.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5590	.2618	2.394	-11.70
Stddev	.1076	.2180	.940	7.49
%RSD	19.25	83.28	39.25	64.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5348.1	60969.	9283.8
Stddev	19.0	115.	41.0
%RSD	.35458	.18797	.44205

Sample Name: 460-61073-A-5-F@41 Acquired: 8/17/2013 16:24:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	83660.	13.06	1.660	249.3	3.530	5353.
Stddev	136.	1.24	.413	.6	.077	29.
%RSD	.1623	9.468	24.92	.2558	2.186	.5393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0593	30.57	62.12	67.38	148800.	2280.
Stddev	.1600	.27	.16	2.33	421.	8.
%RSD	269.7	.8905	.2500	3.458	.2831	.3603
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8295.	1391.	66.67	46.12	60.11	-.7826
Stddev	38.	3.	4.34	.51	.94	.2409
%RSD	.4533	.2198	6.516	1.100	1.556	30.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-5-F@41 Acquired: 8/17/2013 16:24:46 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.512	-5.928	130.2	161.9	3.371	4.106
Stddev	.780	1.012	.3	.3	.108	.084
%RSD	10.38	17.07	.2010	.1962	3.192	2.034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	12.81	19.25	1667.	748.1
Stddev	.74	.15	7.	12.2
%RSD	5.779	.7996	.4211	1.631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6042.8	68139.	10768.
Stddev	16.9	194.	87.
%RSD	.28034	.28461	.80339

Sample Name: 460-61073-E-6-G@4 Acquired: 8/17/2013 16:28:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82240.	12.36	1.580	250.3	3.634	4779.
Stddev	161.	1.53	.006	.2	.032	26.
%RSD	.1958	12.41	.3620	.0696	.8815	.5363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0442	27.09	63.20	62.40	137100.	2156.
Stddev	.1718	.06	.25	2.24	376.	4.
%RSD	388.3	.2281	.3968	3.591	.2746	.1813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5856.	1283.	71.27	42.51	62.94	1.000
Stddev	31.	3.	.95	.51	1.87	.645
%RSD	.5255	.2516	1.331	1.195	2.970	64.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-6-G@4 Acquired: 8/17/2013 16:28:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.824	-7.080	126.4	156.3	4.476	3.625
Stddev	1.077	1.225	.3	.4	.222	.300
%RSD	15.78	17.30	.2124	.2351	4.969	8.288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	25.44	27.35	1555.	854.4
Stddev	.73	.14	2.	13.8
%RSD	2.852	.5046	.1600	1.617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6020.6	68310.	10736.
Stddev	43.3	824.	54.
%RSD	.71909	1.2056	.49920

Sample Name: 460-61073-E-7-G@4 Acquired: 8/17/2013 16:31:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	171000.	9.567	1.649	486.1	6.267	44940.
Stddev	241.	1.472	.226	.4	.026	216.
%RSD	.1411	15.38	13.71	.0829	.4192	.4803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6607	77.80	152.4	151.3	162400.	10850.
Stddev	.2096	.14	1.8	.8	468.	30.
%RSD	31.72	.1776	1.191	.4991	.2881	.2771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41740.	1190.	327.8	81.73	28.16	-1.002
Stddev	217.	3.	4.8	.39	.58	.732
%RSD	.5186	.2684	1.450	.4737	2.053	73.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-7-G@4 Acquired: 8/17/2013 16:31:54 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.467	-9.757	270.4	116.4	4.195	4.615
Stddev	.684	1.163	1.5	.5	.429	.116
%RSD	9.166	11.92	.5487	.4530	10.23	2.515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.39	58.29	4342.	845.7
Stddev	.07	.17	10.	13.5
%RSD	.3331	.2943	.2399	1.596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5756.7	64585.	10376.
Stddev	29.4	299.	75.
%RSD	.50995	.46329	.72317

Sample Name: 460-61073-E-8-G@4 Acquired: 8/17/2013 16:35:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84720.	20.46	1.978	310.4	3.301	4540.
Stddev	34.	.64	.217	.3	.088	30.
%RSD	.0402	3.132	10.98	.0932	2.671	.6544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1236	27.58	81.36	68.65	125400.	2251.
Stddev	.0414	.34	1.09	.40	506.	6.
%RSD	33.50	1.223	1.334	.5860	.4037	.2499
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6362.	1689.	80.37	46.84	152.0	-.5300
Stddev	43.	5.	1.42	.45	.3	.2468
%RSD	.6682	.3177	1.769	.9607	.1890	46.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-8-G@4 Acquired: 8/17/2013 16:35:29 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.031	-6.695	125.2	245.8	3.763	4.011
Stddev	.817	1.179	.6	.6	.241	.147
%RSD	11.61	17.62	.4525	.2598	6.404	3.658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.72	23.69	1742.	800.5
Stddev	.20	.09	3.	14.2
%RSD	.6435	.3896	.1624	1.773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6179.2	69725.	10998.
Stddev	29.1	296.	34.
%RSD	.47053	.42476	.31338

Sample Name: 460-61073-E-9-G@4 Acquired: 8/17/2013 16:39:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	100300.	19.60	1.587	387.2	3.201	5341.
Stddev	203.	2.51	.307	.5	.040	18.
%RSD	.2020	12.79	19.34	.1409	1.252	.3301
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2242	25.82	79.43	60.80	116300.	2649.
Stddev	.1681	.33	.17	1.28	354.	19.
%RSD	74.98	1.260	.2119	2.110	.3040	.7119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7251.	1369.	111.0	46.57	143.8	-.1509
Stddev	26.	3.	3.7	.55	.3	.4805
%RSD	.3543	.2088	3.333	1.172	.2034	318.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-E-9-G@4 Acquired: 8/17/2013 16:39:03 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.814	-6.297	136.9	256.3	6.680	5.570
Stddev	3.042	.858	.4	.9	.390	.267
%RSD	52.33	13.63	.3154	.3385	5.843	4.797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.51	35.54	2411.	744.8
Stddev	.33	.19	4.	9.5
%RSD	1.538	.5370	.1552	1.282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6063.8	68430.	10821.
Stddev	24.1	480.	68.
%RSD	.39677	.70210	.63216

Sample Name: 460-61073-A-10-A@4 Acquired: 8/17/2013 16:42:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	117600.	13.48	2.018	295.6	3.093	3236.
Stddev	349.	3.25	.567	.9	.052	19.
%RSD	.2966	24.11	28.11	.2902	1.670	.5805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4850	27.91	80.44	84.65	143500.	3404.
Stddev	.1586	.10	.22	1.14	541.	23.
%RSD	32.71	.3418	.2691	1.351	.3773	.6800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6232.	966.8	129.0	45.75	122.4	-.5284
Stddev	36.	3.0	6.7	.16	.9	1.726
%RSD	.5794	.3141	5.186	.3527	.6958	326.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-10-A@4 Acquired: 8/17/2013 16:42:39 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.045	-7.692	163.8	221.8	5.152	5.472
Stddev	1.774	1.216	1.0	.5	.507	.161
%RSD	25.18	15.80	.6152	.2253	9.849	2.939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	44.16	15.76	2562.	859.6
Stddev	.49	.03	4.	13.4
%RSD	1.099	.1851	.1703	1.560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5725.7	64534.	10149.
Stddev	20.8	307.	30.
%RSD	.36313	.47498	.29622

Sample Name: 460-61073-A-11-A@4 Acquired: 8/17/2013 16:46:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107300.	13.13	2.593	309.2	5.027	2343.
Stddev	154.	1.19	.537	.7	.020	8.
%RSD	.1436	9.046	20.71	.2102	.3905	.3211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6331	45.35	69.97	83.23	F 208200.	3353.
Stddev	.1925	.30	.30	.17	182.	21.
%RSD	30.41	.6627	.4346	.2042	.0874	.6159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7331.	1399.	73.86	54.36	36.91	.0259
Stddev	16.	1.	11.09	.28	.83	1.725
%RSD	.2196	.0987	15.02	.5185	2.253	6653.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-11-A@4 Acquired: 8/17/2013 16:46:13 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.29	-11.11	150.9	156.5	3.153	4.675
Stddev	.25	.43	.5	.2	.558	.192
%RSD	2.192	3.872	.3568	.1412	17.70	4.115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	19.72	8.759	2247.	1155.
Stddev	.48	.044	2.	18.
%RSD	2.410	.4995	.0770	1.571
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5847.2	66230.	10438.
Stddev	22.1	491.	40.
%RSD	.37760	.74112	.38776

Sample Name: 460-61073-A-12-A@4 Acquired: 8/17/2013 16:49:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	163600.	9.121	2.736	496.2	6.741	9789.
Stddev	240.	.703	.349	.8	.061	26.
%RSD	.1465	7.705	12.75	.1636	.9110	.2702
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8082	79.95	117.7	165.4	177700.	15110.
Stddev	.0737	.30	.4	.7	179.	37.
%RSD	9.114	.3771	.3758	.4311	.1010	.2421
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31630.	915.1	247.4	77.67	25.25	-.4898
Stddev	31.	1.1	2.3	.25	.73	1.016
%RSD	.0992	.1217	.9255	.3234	2.889	207.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-12-A@4 Acquired: 8/17/2013 16:49:47 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.559	-8.596	180.4	134.6	3.214	3.352
Stddev	1.845	1.154	.4	.2	.565	.183
%RSD	33.20	13.43	.2459	.1472	17.57	5.443
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.53	37.37	5092.	811.5
Stddev	.44	.12	1.	5.7
%RSD	2.058	.3242	.0291	.7048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6048.7	67803.	10826.
Stddev	23.6	582.	26.
%RSD	.39005	.85837	.23992

Sample Name: 460-61073-A-13-A@4 Acquired: 8/17/2013 16:53:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	111600.	15.42	2.460	375.8	4.006	4921.
Stddev	55.	.75	.481	.4	.028	13.
%RSD	.0493	4.858	19.56	.1176	.6928	.2566
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.932	45.83	97.30	79.54	183400.	3810.
Stddev	.178	.22	.33	1.51	313.	13.
%RSD	3.010	.4827	.3389	1.903	.1704	.3394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8131.	2679.	108.9	53.78	70.53	.8025
Stddev	18.	3.	4.7	.43	1.61	1.142
%RSD	.2245	.1151	4.288	.7942	2.284	142.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-13-A@4 Acquired: 8/17/2013 16:53:22 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.231	-11.01	159.1	191.5	4.773	4.353
Stddev	1.738	1.20	.4	.5	.374	.165
%RSD	21.11	10.93	.2296	.2452	7.837	3.797
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.348	36.07	2343.	1060.
Stddev	.073	.13	3.	16.
%RSD	.9969	.3506	.1203	1.555
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5996.7	66999.	10505.
Stddev	23.2	237.	70.
%RSD	.38608	.35412	.66724

Sample Name: 460-61073-A-14-A@4 Acquired: 8/17/2013 16:56:56 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	114200.	17.96	2.043	302.2	4.465	5281.
Stddev	177.	.26	.209	.5	.071	6.
%RSD	.1547	1.453	10.24	.1515	1.584	.1187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.277	46.33	76.54	105.5	185900.	3025.
Stddev	.084	.19	.55	1.4	177.	13.
%RSD	6.565	.4093	.7240	1.320	.0954	.4332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8778.	1955.	100.3	62.58	50.18	-1.142
Stddev	9.	.	6.1	.49	.16	.268
%RSD	.0995	.0158	6.096	.7784	.3137	23.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-14-A@4 Acquired: 8/17/2013 16:56:56 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.042	-9.282	163.6	177.6	2.950	4.248
Stddev	3.069	.248	.2	.4	.319	.240
%RSD	38.16	2.675	.1060	.2368	10.82	5.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.655	29.06	2086.	939.0
Stddev	.976	.03	4.	7.1
%RSD	12.75	.0902	.1712	.7552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5936.6	66223.	10355.
Stddev	10.4	219.	20.
%RSD	.17551	.33071	.19795

Sample Name: CCV Acquired: 8/17/2013 17:00:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2457.	1186.	9915.	990.8	121200.
Stddev	245.	5.	1.	12.	3.0	210.
%RSD	.1941	.2061	.0623	.1226	.3014	.1733
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1242.	2484.	4773.	12620.	101200.	49400.
Stddev	.	1.	9.	26.	171.	71.
%RSD	.0248	.0349	.1858	.2045	.1688	.1438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	4950.	128800.	2507.	7448.	948.1
Stddev	252.	11.	691.	2.	5.	3.6
%RSD	.2087	.2276	.5366	.0608	.0661	.3749
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 17:00:31 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2409.	2442.	2411.	2458.	994.7	2454.
Stddev	1.	10.	1.	2.	1.1	7.
%RSD	.0412	.4235	.0543	.0820	.1057	.2664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.6	4989.	9947.	9102.
Stddev	1.0	24.	20.	40.
%RSD	.1025	.4744	.2029	.4353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5016.6	56603.	9077.9
Stddev	11.1	98.	4.1
%RSD	.22153	.17398	.04468

Sample Name: CCB Acquired: 8/17/2013 17:04:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.29	-.8673	1.910	.4865	.0269	45.21
Stddev	5.87	.8999	.626	.1918	.0412	4.71
%RSD	51.95	103.8	32.78	39.44	153.5	10.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0019	.3387	.0324	1.308	8.832	-.3030
Stddev	.0338	.1966	.2916	1.268	3.522	20.85
%RSD	1795.	58.04	901.1	96.95	39.88	6881.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.661	.2774	-42.70	-.4894	.1641	1.266
Stddev	2.095	.0539	12.51	.4854	.6026	.319
%RSD	126.1	19.44	29.29	99.19	367.3	25.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 17:04:07 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9475	1.694	.0542	-1.299	-.1371	8.142
Stddev	2.267	.289	.4379	.230	.3612	1.447
%RSD	239.3	17.04	807.2	17.73	263.5	17.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9683	.1464	2.691	-18.82
Stddev	.3882	.0920	1.155	16.17
%RSD	40.09	62.86	42.92	85.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5380.8	61206.	9241.8
Stddev	4.9	130.	23.3
%RSD	.09164	.21266	.25158

Sample Name: 460-61073-A-15-A@4 Acquired: 8/17/2013 17:07:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96080.	18.53	2.386	353.9	3.836	6475.
Stddev	143.	1.27	.602	.3	.069	16.
%RSD	.1490	6.872	25.24	.0902	1.806	.2547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.785	42.77	84.64	103.3	122900.	2646.
Stddev	.048	.25	.31	1.5	331.	8.
%RSD	1.010	.5825	.3635	1.406	.2691	.3082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8226.	2322.	171.0	84.48	84.68	-1.187
Stddev	21.	3.	4.6	.61	.55	.605
%RSD	.2576	.1330	2.712	.7178	.6544	50.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-15-A@4 Acquired: 8/17/2013 17:07:53 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.154	-6.607	156.0	368.5	5.979	4.097
Stddev	2.271	.609	.4	1.0	.041	.261
%RSD	36.90	9.217	.2579	.2579	.6897	6.361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.71	34.37	1885.	749.1
Stddev	.14	.06	2.	10.4
%RSD	.9950	.1873	.1133	1.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6317.6	70674.	11147.
Stddev	7.3	227.	87.
%RSD	.11574	.32118	.77754

Sample Name: 460-61073-A-16-A@4 Acquired: 8/17/2013 17:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	132200.	17.01	1.863	316.2	4.265	3755.
Stddev	90.	.95	.705	.5	.044	12.
%RSD	.0679	5.600	37.84	.1515	1.040	.3136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.302	34.53	84.36	79.12	199000.	3206.
Stddev	.129	.15	.43	1.42	409.	15.
%RSD	9.901	.4266	.5097	1.790	.2055	.4632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7148.	1537.	39.65	57.00	53.35	-1.373
Stddev	26.	3.	7.08	.23	.50	1.470
%RSD	.3646	.1731	17.86	.3964	.9360	107.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-16-A@4 Acquired: 8/17/2013 17:11:27 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.658	-10.44	168.2	173.8	4.357	4.102
Stddev	3.800	1.43	.9	.2	.523	.203
%RSD	39.34	13.73	.5055	.1382	12.00	4.942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.935	16.59	2138.	1114.
Stddev	.206	.14	3.	18.
%RSD	2.598	.8380	.1190	1.643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6023.7	67311.	10611.
Stddev	12.4	149.	21.
%RSD	.20543	.22203	.20124

Sample Name: 460-61073-A-17-A@4 Acquired: 8/17/2013 17:15:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119400.	18.86	2.628	350.3	6.229	6748.
Stddev	383.	.38	.383	.9	.069	31.
%RSD	.3206	2.032	14.56	.2693	1.107	.4628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.025	44.83	232.7	196.8	F 245400.	4407.
Stddev	.231	.08	1.1	1.3	835.	14.
%RSD	22.57	.1760	.4717	.6483	.3402	.3153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9784.	1721.	325.7	65.44	70.89	-2.050
Stddev	31.	4.	2.7	.74	.43	2.270
%RSD	.3201	.2087	.8217	1.125	.6056	110.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-17-A@4 Acquired: 8/17/2013 17:15:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.63	-12.71	251.3	222.4	3.643	4.966
Stddev	1.97	.50	.1	.2	.168	.188
%RSD	18.55	3.954	.0440	.0874	4.616	3.786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.20	25.21	3334.	973.7
Stddev	.03	.05	7.	11.2
%RSD	.3381	.1966	.2181	1.153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6204.8	69552.	11032.
Stddev	17.2	61.	15.
%RSD	.27685	.08824	.13854

Sample Name: 460-61073-A-18-A@4 Acquired: 8/17/2013 17:18:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	103500.	16.70	1.785	332.2	4.780	4985.
Stddev	43.	2.17	.512	.4	.015	18.
%RSD	.0415	12.98	28.66	.1222	.3073	.3578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0125	36.96	85.83	127.7	159000.	3270.
Stddev	.1459	.18	.30	.6	99.	17.
%RSD	1172.	.4985	.3523	.4680	.0620	.5079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8135.	1534.	103.5	61.65	65.71	-.9653
Stddev	20.	1.	5.5	.88	.23	.8163
%RSD	.2480	.0410	5.323	1.423	.3451	84.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-18-A@4 Acquired: 8/17/2013 17:18:35 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.076	-7.580	176.0	255.8	3.750	3.519
Stddev	1.308	1.109	.2	.3	.343	.087
%RSD	18.49	14.63	.0986	.1006	9.154	2.467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.927	28.98	2211.	837.7
Stddev	.452	.02	4.	10.0
%RSD	4.557	.0524	.1980	1.197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6263.5	70211.	11074.
Stddev	19.3	195.	45.
%RSD	.30745	.27818	.40205

Sample Name: 460-61073-A-21-A@4 Acquired: 8/17/2013 17:22:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92180.	14.36	1.446	331.9	2.917	30320.
Stddev	320.	1.52	.301	.1	.058	151.
%RSD	.3469	10.61	20.84	.0264	2.004	.4972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0395	39.06	71.40	72.17	131200.	5881.
Stddev	.1093	.23	.54	1.06	668.	41.
%RSD	276.4	.5854	.7584	1.467	.5094	.6998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14390.	1440.	312.0	53.97	64.14	-1.196
Stddev	79.	5.	8.2	.25	.69	2.148
%RSD	.5477	.3528	2.640	.4558	1.078	179.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-21-A@4 Acquired: 8/17/2013 17:22:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.304	-7.918	147.8	189.5	8.944	4.359
Stddev	1.307	1.258	.5	.2	.422	.377
%RSD	30.36	15.89	.3615	.1147	4.724	8.637
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.97	93.45	2908.	1514.
Stddev	.27	.07	5.	108.
%RSD	1.943	.0710	.1802	7.128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5960.5	67069.	10575.
Stddev	9.4	114.	118.
%RSD	.15700	.17029	1.1157

Sample Name: 460-61073-A-22-A@4 Acquired: 8/17/2013 17:25:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88940.	10.85	1.929	266.6	3.672	25240.
Stddev	171.	1.15	.583	.2	.035	18.
%RSD	.1928	10.62	30.20	.0563	.9424	.0722
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8748	30.61	68.61	67.20	167300.	3242.
Stddev	.1115	.25	.42	1.19	31.	27.
%RSD	12.75	.8162	.6077	1.765	.0185	.8182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14890.	1087.	121.0	46.79	48.09	-.7033
Stddev	12.	1.	5.0	.21	.66	2.024
%RSD	.0826	.0737	4.162	.4531	1.364	287.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-22-A@4 Acquired: 8/17/2013 17:25:45 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.390	-7.574	144.1	155.8	1.933	3.474
Stddev	.660	.521	1.0	.3	.834	.182
%RSD	8.929	6.876	.6625	.2108	43.17	5.251
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.174	69.95	2355.	896.8
Stddev	.361	.12	3.	12.1
%RSD	5.029	.1718	.1384	1.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5770.9	64896.	10127.
Stddev	17.2	219.	62.
%RSD	.29774	.33708	.61693

Sample Name: 460-61073-A-23-A@4 Acquired: 8/17/2013 17:29:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	130600.	14.55	1.115	335.3	5.688	12250.
Stddev	97.	.98	.459	.4	.041	53.
%RSD	.0744	6.722	41.21	.1229	.7129	.4345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.378	86.29	77.57	58.14	198400.	13730.
Stddev	.030	.07	.56	1.28	459.	11.
%RSD	2.150	.0801	.7276	2.197	.2314	.0775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24610.	1246.	53.11	93.90	27.34	-1.519
Stddev	115.	3.	4.65	.28	.72	2.283
%RSD	.4665	.2331	8.759	.2984	2.642	150.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61073-A-23-A@4 Acquired: 8/17/2013 17:29:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.861	-11.61	243.6	121.4	1.874	3.724
Stddev	.905	.97	.1	.4	.198	.020
%RSD	13.20	8.362	.0294	.3551	10.54	.5405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	14.84	49.85	3297.	770.3
Stddev	.11	.15	2.	6.2
%RSD	.7377	.2954	.0516	.7986
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6463.7	72358.	11471.
Stddev	16.3	183.	5.
%RSD	.25207	.25242	.04172

Sample Name: MB 460-176605/1-A@2 Acquired: 8/17/2013 17:32:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.51	-1.982	1.871	.0216	.0319	41.77
Stddev	6.38	.813	.325	.1759	.0623	5.07
%RSD	47.24	41.01	17.39	816.0	195.6	12.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1212	.1109	-.1402	.7236	18.84	-12.87
Stddev	.0423	.1286	.1024	1.928	3.85	2.27
%RSD	34.86	116.0	73.01	266.5	20.44	17.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.455	.1017	-66.85	-.5964	-1.260	-.5481
Stddev	1.629	.0544	7.75	.6270	.151	.8226
%RSD	111.9	53.50	11.59	105.1	11.96	150.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: MB 460-176605/1-A@2 Acquired: 8/17/2013 17:32:53 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8056	.8020	-.1941	-1.570	-.5630	-.2744
Stddev	1.510	1.109	.3985	.102	.1553	.1742
%RSD	187.4	138.3	205.3	6.529	27.59	63.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1966	-.0585	1.209	-21.00
Stddev	.1922	.0340	.560	1.22
%RSD	97.76	58.10	46.31	5.796
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5384.4	61257.	9278.3
Stddev	12.9	136.	50.9
%RSD	.23938	.22145	.54861

Sample Name: LCSSRM 460-176605/2- Acquired: 8/17/2013 17:36:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42550.	784.2	192.1	1055.	534.2	32540.
Stddev	94.	.8	.7	2.	1.0	40.
%RSD	.2200	.0981	.3513	.1504	.1944	.1241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	501.4	661.5	553.9	588.4	64750.	14270.
Stddev	.6	1.0	.4	2.3	5.	32.
%RSD	.1108	.1485	.0660	.3887	.0081	.2212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12510.	1721.	1611.	358.5	490.0	208.3
Stddev	5.	1.	5.	1.3	1.3	3.7
%RSD	.0439	.0427	.3258	.3544	.2579	1.763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: LCSSRM 460-176605/2- Acquired: 8/17/2013 17:36:38 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	586.8	1048.	398.9	1365.	374.2	275.4
Stddev	.3	4.	.5	2.	.9	.4
%RSD	.0558	.3386	.1157	.1443	.2338	.1489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	696.3	632.0	1062.	795.6
Stddev	2.2	.9	2.	18.9
%RSD	.3104	.1403	.2180	2.373
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5436.0	61315.	9600.3
Stddev	11.5	138.	41.8
%RSD	.21139	.22494	.43557

Sample Name: 460-61100-E-1-E DU@4 Acquired: 8/17/2013 17:40:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46180.	13.64	2.208	187.9	1.734	5387.
Stddev	69.	.55	.273	.7	.070	12.
%RSD	.1489	4.026	12.35	.3502	4.017	.2212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4269	34.45	63.56	77.15	86980.	5349.
Stddev	.1402	.19	.13	3.47	126.	10.
%RSD	32.84	.5605	.1995	4.504	.1447	.1953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15590.	1889.	1882.	74.35	56.86	-.4193
Stddev	42.	3.	11.	.35	1.14	.5631
%RSD	.2676	.1703	.5635	.4772	2.008	134.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-E DU@4 Acquired: 8/17/2013 17:40:01 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.134	-3.140	76.78	208.5	10.12	2.237
Stddev	2.375	.371	.65	.4	.74	.297
%RSD	46.26	11.80	.8488	.2130	7.358	13.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.184	23.79	1036.	899.3
Stddev	.404	.01	2.	13.0
%RSD	9.657	.0356	.1913	1.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5472.9	61759.	9619.7
Stddev	7.4	117.	35.3
%RSD	.13475	.19010	.36711

Sample Name: CCV Acquired: 8/17/2013 17:43:37 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126100.	2455.	1185.	9907.	988.3	121100.
Stddev	77.	7.	2.	3.	.6	120.
%RSD	.0608	.2918	.1813	.0340	.0653	.0994
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2482.	4776.	12610.	101100.	49500.
Stddev	1.	2.	8.	7.	81.	24.
%RSD	.0759	.0720	.1728	.0585	.0801	.0477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120800.	4953.	129000.	2502.	7444.	949.6
Stddev	127.	12.	454.	3.	1.	5.3
%RSD	.1054	.2469	.3519	.1111	.0143	.5622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 17:43:37 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2415.	2437.	2412.	2453.	996.9	2454.
Stddev	5.	5.	2.	3.	.6	3.
%RSD	.1896	.2070	.0787	.1252	.0623	.1239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.8	4953.	9939.	9078.
Stddev	1.0	31.	3.	15.
%RSD	.0968	.6227	.0306	.1669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4995.9	56414.	9066.7
Stddev	2.3	97.	8.8
%RSD	.04606	.17248	.09759

Sample Name: CCB Acquired: 8/17/2013 17:47:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9308	-.3541	2.158	.3793	.1312	43.20
Stddev	13.33	1.374	.494	.3305	.0877	8.38
%RSD	1432.	387.9	22.90	87.14	66.83	19.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0164	.3716	.4513	2.817	8.777	-.5762
Stddev	.0595	.2700	.0644	.819	7.654	45.73
%RSD	361.8	72.67	14.27	29.09	87.20	7936.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.728	.2916	-42.52	-.1313	-.5577	1.659
Stddev	3.721	.2402	11.87	.1275	.5274	2.404
%RSD	215.3	82.37	27.92	97.12	94.57	144.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 17:47:13 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.258	.5780	.1806	-1.329	.5722	7.951
Stddev	1.003	1.126	.1229	.164	.4693	1.340
%RSD	79.71	194.8	68.06	12.30	82.02	16.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8842	.2292	2.791	-18.70
Stddev	.2430	.1270	1.212	16.80
%RSD	27.48	55.39	43.41	89.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5371.2	61200.	9245.5
Stddev	17.8	268.	9.4
%RSD	.33130	.43835	.10156

Sample Name: 460-61100-E-1-D@4 Acquired: 8/17/2013 17:50:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46390.	13.44	2.156	187.8	1.676	5372.
Stddev	130.	.82	.501	.3	.032	3.
%RSD	.2797	6.122	23.24	.1639	1.919	.0548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5273	34.61	63.32	78.78	86830.	5366.
Stddev	.0393	.02	.16	.84	145.	29.
%RSD	7.461	.0698	.2492	1.062	.1674	.5388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15540.	1886.	1893.	74.23	56.60	-.9758
Stddev	21.	2.	4.	.75	1.34	.7078
%RSD	.1372	.0959	.1934	1.005	2.366	72.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-D@4 Acquired: 8/17/2013 17:50:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.645	-3.953	77.15	208.6	9.771	2.510
Stddev	2.575	.566	.12	.1	.201	.206
%RSD	55.44	14.31	.1609	.0590	2.061	8.199
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.909	23.87	1038.	906.1
Stddev	.021	.10	1.	26.3
%RSD	.5398	.4061	.0993	2.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5469.2	61963.	9540.9
Stddev	5.1	98.	48.6
%RSD	.09376	.15889	.50933

Sample Name: sd 460-61100-E-1-D@4 Acquired: 8/17/2013 17:54:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9232.	2.580	1.960	37.25	.3648	1119.
Stddev	37.	1.421	.433	.20	.0596	6.
%RSD	.3980	55.08	22.11	.5328	16.33	.5609
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3215	7.112	12.54	17.72	17540.	1033.
Stddev	.0392	.179	.15	1.32	37.	25.
%RSD	12.20	2.512	1.226	7.470	.2107	2.444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3173.	379.5	317.4	14.38	10.70	1.146
Stddev	9.	.2	3.2	.47	.96	.184
%RSD	.2765	.0584	1.019	3.264	8.960	16.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-61100-E-1-D@4 Acquired: 8/17/2013 17:54:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.047	1.629	15.27	40.31	1.593	.1792
Stddev	2.210	1.324	.29	.16	.326	.0881
%RSD	211.0	81.24	1.885	.3924	20.44	49.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9443	4.646	204.2	163.2
Stddev	.1739	.055	1.3	7.2
%RSD	18.42	1.190	.6320	4.395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5464.7	61851.	9393.4
Stddev	9.5	132.	83.2
%RSD	.17396	.21281	.88539

Sample Name: 460-61100-E-1-F MS@4 Acquired: 8/17/2013 17:58:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53370.	925.9	24.39	1201.	26.43	15150.
Stddev	37.	4.0	.56	2.	.11	62.
%RSD	.0695	.4280	2.298	.1627	.4332	.4062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23.86	279.7	158.1	207.2	84520.	16410.
Stddev	.04	.7	1.1	.5	247.	38.
%RSD	.1778	.2640	.7102	.2317	.2919	.2343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25270.	2086.	11960.	323.6	294.6	75.13
Stddev	92.	6.	27.	1.0	2.1	.94
%RSD	.3658	.2695	.2285	.2941	.7034	1.257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61100-E-1-F MS@4 Acquired: 8/17/2013 17:58:14 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	889.5	977.2	313.1	451.5	237.0	227.6
Stddev	1.9	2.4	1.2	1.1	.3	.1
%RSD	.2099	.2489	.3931	.2343	.1058	.0388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	236.6	264.0	1411.	1095.
Stddev	.9	.1	1.	8.
%RSD	.3657	.0215	.0416	.6859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5411.5	61049.	9536.1
Stddev	7.7	169.	40.5
%RSD	.14264	.27616	.42439

Sample Name: pds 460-61100-E-1-D@ Acquired: 8/17/2013 18:01:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47640.	1819.	44.80	2122.	49.99	24000.
Stddev	195.	3.	.79	2.	.36	59.
%RSD	.4086	.1883	1.761	.0736	.7253	.2460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.23	511.3	244.3	318.3	86080.	23990.
Stddev	.17	.3	.5	1.5	227.	82.
%RSD	.3619	.0560	.2152	.4624	.2639	.3402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33600.	2333.	21680.	560.8	535.4	427.8
Stddev	99.	4.	43.	1.2	1.2	2.6
%RSD	.2939	.1794	.1998	.2224	.2175	.6128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-61100-E-1-D@ Acquired: 8/17/2013 18:01:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1763.	1917.	528.7	674.9	472.1	463.5
Stddev	7.	2.	.6	1.2	.9	.6
%RSD	.4104	.0859	.1228	.1704	.1827	.1202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	487.8	488.1	1498.	921.9
Stddev	1.0	1.3	6.	44.4
%RSD	.1956	.2755	.3956	4.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5369.3	60452.	9507.5
Stddev	8.2	102.	21.7
%RSD	.15273	.16837	.22869

Sample Name: 460-61303-D-2-A@4 Acquired: 8/17/2013 18:04:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8003.	3.878	2.087	15.51	.3188	4581.
Stddev	33.	.174	.196	.13	.0564	31.
%RSD	.4132	4.501	9.405	.8654	17.70	.6821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4255	.6035	34.66	7.460	22200.	1037.
Stddev	.0429	.2878	.42	1.122	70.	24.
%RSD	10.08	47.68	1.214	15.04	.3173	2.286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2735.	42.19	279.2	3.241	7.622	2.026
Stddev	16.	.18	9.3	.417	1.009	.836
%RSD	.5982	.4270	3.317	12.87	13.23	41.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-D-2-A@4 Acquired: 8/17/2013 18:04:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.661	-1.082	27.64	15.53	9.543	4.633
Stddev	.418	1.192	.09	.12	.596	.421
%RSD	8.968	110.2	.3316	.7851	6.249	9.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.20	5.268	263.0	753.1
Stddev	1.11	.035	1.1	11.0
%RSD	4.997	.6572	.4174	1.464
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5255.2	60413.	9202.3
Stddev	34.4	606.	73.1
%RSD	.65458	1.0024	.79482

Sample Name: 460-61303-D-3-A@4 Acquired: 8/17/2013 18:08:38 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33170.	46.61	1.722	29.07	3.239	2860.
Stddev	119.	.69	.158	.11	.020	4.
%RSD	.3576	1.481	9.193	.3913	.6150	.1254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8751	5.128	126.5	8.233	96390.	20550.
Stddev	.0511	.085	.6	1.903	126.	79.
%RSD	5.835	1.659	.4367	23.11	.1307	.3849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7378.	84.71	2892.	9.796	14.51	-.2223
Stddev	19.	.19	6.	.373	1.01	.5443
%RSD	.2531	.2198	.2214	3.806	6.981	244.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-D-3-A@4 Acquired: 8/17/2013 18:08:38 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.304	-4.122	131.5	70.09	157.3	3.756
Stddev	1.285	1.782	.5	.02	.6	.228
%RSD	15.48	43.23	.3593	.0234	.3936	6.073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.32	3.915	375.2	932.1
Stddev	.48	.032	2.1	31.6
%RSD	2.170	.8231	.5488	3.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5231.3	59694.	9246.1
Stddev	26.8	711.	80.4
%RSD	.51289	1.1903	.86912

Sample Name: 460-61303-E-7-A@4 Acquired: 8/17/2013 18:12:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5000.	.0745	1.554	9.209	.2580	466.3
Stddev	30.	1.481	.266	.142	.0375	2.1
%RSD	.5922	1987.	17.15	1.543	14.55	.4580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3482	.4404	25.53	5.000	17110.	253.1
Stddev	.0506	.0366	.46	1.357	83.	18.8
%RSD	14.54	8.307	1.817	27.15	.4827	7.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	248.5	12.54	1084.	1.893	6.373	.5353
Stddev	2.2	.08	9.	.226	.707	1.597
%RSD	.9031	.6774	.8380	11.92	11.09	298.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61303-E-7-A@4 Acquired: 8/17/2013 18:12:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.364	-.6417	17.54	10.52	3.620	1.937
Stddev	1.039	1.440	.04	.13	.512	.055
%RSD	23.80	224.4	.2151	1.220	14.15	2.823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.69	3.089	260.2	980.9
Stddev	.76	.060	1.3	15.8
%RSD	3.366	1.936	.4991	1.606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5287.8	60799.	9260.4
Stddev	29.5	451.	16.5
%RSD	.55807	.74102	.17823

Sample Name: 460-61099-A-1-C@4 Acquired: 8/17/2013 18:15:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41650.	7.875	1.948	175.2	1.062	6050.
Stddev	104.	.528	.322	.4	.058	42.
%RSD	.2505	6.709	16.51	.2481	5.501	.6881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2291	16.62	183.0	49.86	53040.	1780.
Stddev	.0867	.07	1.2	1.30	244.	25.
%RSD	37.83	.3961	.6500	2.613	.4597	1.430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7294.	504.5	723.1	40.96	47.69	-.1374
Stddev	56.	2.2	6.5	.83	.85	.8241
%RSD	.7662	.4434	.9045	2.020	1.778	599.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-1-C@4 Acquired: 8/17/2013 18:15:57 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.424	-4.037	77.66	156.3	13.89	2.353
Stddev	2.211	1.636	.27	.7	.30	.149
%RSD	34.41	40.54	.3477	.4246	2.145	6.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.59	34.71	1345.	779.9
Stddev	.86	.15	3.	20.1
%RSD	3.826	.4198	.2041	2.580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5337.2	60820.	9398.0
Stddev	31.4	348.	17.9
%RSD	.58781	.57262	.19050

Sample Name: 460-61099-A-2-C@4 Acquired: 8/17/2013 18:19:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18600.	14.25	2.355	124.6	.7825	2316.
Stddev	166.	.06	.376	.2	.0742	14.
%RSD	.8904	.3994	15.96	.1845	9.481	.6070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1804	11.92	252.3	55.27	54660.	1496.
Stddev	.0517	.08	1.5	.91	249.	9.
%RSD	28.67	.6851	.5899	1.651	.4564	.5817
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3377.	273.9	1096.	29.72	103.7	2.764
Stddev	25.	1.2	4.	.45	1.1	.815
%RSD	.7283	.4479	.3287	1.530	1.048	29.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-2-C@4 Acquired: 8/17/2013 18:19:34 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.883	-2.174	41.56	298.9	7.198	3.745
Stddev	1.086	.667	.33	.7	.535	.149
%RSD	13.77	30.68	.7995	.2440	7.440	3.990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	28.55	25.15	588.2	745.2
Stddev	.91	.16	5.2	10.8
%RSD	3.187	.6545	.8869	1.448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5310.5	60782.	9280.8
Stddev	23.4	415.	11.3
%RSD	.44043	.68325	.12204

Sample Name: 460-61099-A-3-C@4 Acquired: 8/17/2013 18:23:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14850.	3.778	2.057	77.07	.4309	1979.
Stddev	43.	1.633	.062	.15	.0505	8.
%RSD	.2906	43.21	3.011	.1907	11.73	.4181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1549	8.467	21.02	16.64	22630.	1627.
Stddev	.0299	.163	.37	1.31	54.	20.
%RSD	19.30	1.930	1.781	7.848	.2397	1.227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4019.	147.5	1186.	21.26	18.29	.8832
Stddev	21.	.4	4.	.16	1.92	.7866
%RSD	.5174	.2626	.2977	.7726	10.51	89.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-3-C@4 Acquired: 8/17/2013 18:23:10 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.415	-.2961	31.40	93.06	6.305	1.022
Stddev	2.001	.4702	.18	.18	.479	.136
%RSD	45.33	158.8	.5887	.1942	7.602	13.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.260	14.40	524.4	643.6
Stddev	.779	.03	1.3	8.9
%RSD	14.81	.2174	.2482	1.381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5493.5	61942.	9389.6
Stddev	28.9	425.	68.3
%RSD	.52536	.68651	.72791

Sample Name: CCV Acquired: 8/17/2013 18:26:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	2451.	1187.	9902.	989.7	121300.
Stddev	144.	6.	2.	6.	1.7	199.
%RSD	.1142	.2311	.1611	.0644	.1722	.1638
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1241.	2480.	4775.	12610.	101200.	49630.
Stddev	2.	2.	15.	3.	262.	123.
%RSD	.1337	.0838	.3171	.0267	.2592	.2480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	4954.	129300.	2502.	7435.	945.6
Stddev	279.	14.	275.	4.	8.	2.3
%RSD	.2309	.2822	.2129	.1415	.1042	.2454
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 18:26:49 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2401.	2437.	2413.	2459.	993.4	2448.
Stddev	3.	4.	3.	6.	2.4	3.
%RSD	.1375	.1781	.1139	.2239	.2395	.1042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.9	4941.	9943.	9030.
Stddev	1.2	53.	15.	44.
%RSD	.1233	1.063	.1477	.4900
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5035.7	56778.	9057.0
Stddev	7.6	180.	20.9
%RSD	.15027	.31637	.23024

Sample Name: CCB Acquired: 8/17/2013 18:30:25 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.450	.6477	1.824	.3137	.1207	42.63
Stddev	10.87	.8679	.822	.0446	.0422	2.72
%RSD	168.5	134.0	45.08	14.21	35.01	6.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0394	.1093	.4171	.8470	12.06	-10.56
Stddev	.1320	.0638	.1982	.8983	3.04	13.11
%RSD	335.0	58.31	47.50	106.1	25.20	124.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5875	.2004	-42.96	-.2843	-1.222	.8763
Stddev	2.230	.0868	15.46	.2387	.509	.9967
%RSD	379.6	43.29	35.98	83.98	41.64	113.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 18:30:25 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.913	.5309	.0185	-1.266	.3804	8.567
Stddev	1.625	.9732	.1857	.046	.4745	1.512
%RSD	55.78	183.3	1004.	3.651	124.7	17.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8626	.1997	2.354	-21.97
Stddev	.2994	.1203	2.258	7.71
%RSD	34.71	60.24	95.90	35.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5397.6	61442.	9232.9
Stddev	7.1	192.	20.5
%RSD	.13232	.31182	.22229

Sample Name: 460-61099-A-4-C@4 Acquired: 8/17/2013 18:34:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15950.	4.833	2.007	45.15	.7046	1425.
Stddev	111.	.511	.043	.41	.1203	9.
%RSD	.6937	10.57	2.146	.9110	17.07	.6169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2302	11.82	23.27	15.26	26530.	1173.
Stddev	.0345	.09	.51	.73	253.	12.
%RSD	14.97	.7276	2.199	4.766	.9553	1.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3606.	182.8	1171.	19.68	10.94	-.6748
Stddev	38.	1.7	10.	.44	1.34	.7576
%RSD	1.049	.9480	.8727	2.258	12.28	112.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-4-C@4 Acquired: 8/17/2013 18:34:11 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.028	-.9076	28.31	58.41	4.109	1.650
Stddev	1.195	1.391	.32	.76	.155	.262
%RSD	29.68	153.3	1.123	1.298	3.777	15.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.473	9.557	414.9	655.0
Stddev	.539	.097	4.2	33.1
%RSD	12.06	1.012	1.013	5.054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5449.2	61651.	9348.0
Stddev	7.7	12.	49.5
%RSD	.14058	.01915	.52932

Sample Name: 460-61099-B-5-C@4 Acquired: 8/17/2013 18:37:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19060.	5.512	2.289	66.74	.7325	1798.
Stddev	28.	.720	.290	.05	.0235	1.
%RSD	.1454	13.06	12.67	.0797	3.210	.0350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3556	13.04	31.28	19.40	32990.	1529.
Stddev	.1547	.09	.32	1.26	55.	19.
%RSD	43.50	.7072	1.022	6.514	.1673	1.241
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4613.	724.5	946.1	24.69	15.11	.1938
Stddev	11.	.9	4.8	.53	.18	1.469
%RSD	.2354	.1274	.5064	2.142	1.190	758.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-B-5-C@4 Acquired: 8/17/2013 18:37:50 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.799	-2.136	36.09	74.74	5.002	.6372
Stddev	1.393	.489	.42	.33	.392	.2928
%RSD	77.46	22.91	1.158	.4421	7.845	45.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.308	10.71	587.4	711.1
Stddev	.617	.11	4.2	10.9
%RSD	14.32	.9836	.7121	1.539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5452.4	61714.	9401.3
Stddev	8.8	257.	44.4
%RSD	.16077	.41703	.47194

Sample Name: 460-61099-A-6-C@4 Acquired: 8/17/2013 18:41:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38120.	13.40	2.150	184.8	1.375	3873.
Stddev	52.	.89	.519	.3	.062	6.
%RSD	.1354	6.611	24.15	.1415	4.515	.1480
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6666	15.60	145.7	49.63	43320.	1646.
Stddev	.0356	.05	1.4	1.30	57.	16.
%RSD	5.335	.3100	.9409	2.615	.1309	.9782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5459.	389.4	1494.	37.64	96.24	-.1504
Stddev	19.	.8	8.	.47	1.81	1.160
%RSD	.3545	.1980	.5239	1.237	1.877	771.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-6-C@4 Acquired: 8/17/2013 18:41:28 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.929	-.2763	58.38	214.2	8.751	1.445
Stddev	1.160	.3961	.08	.3	.232	.125
%RSD	29.51	143.4	.1451	.1326	2.651	8.627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.271	32.90	755.3	783.3
Stddev	.464	.02	.7	8.0
%RSD	6.382	.0606	.0915	1.016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5468.5	61446.	9490.8
Stddev	8.8	132.	26.8
%RSD	.16061	.21418	.28269

Sample Name: 460-61099-A-7-B@4 Acquired: 8/17/2013 18:45:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35060.	19.35	2.621	183.4	1.290	10020.
Stddev	39.	1.91	.172	.5	.075	15.
%RSD	.1110	9.863	6.584	.2502	5.845	.1537
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0865	16.88	223.1	65.50	47930.	2024.
Stddev	.0456	.20	.1	1.68	41.	8.
%RSD	52.66	1.184	.0589	2.569	.0849	.4118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6331.	552.0	1894.	45.48	170.2	1.852
Stddev	11.	.5	10.	.68	1.6	.899
%RSD	.1688	.0882	.5338	1.504	.9295	48.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61099-A-7-B@4 Acquired: 8/17/2013 18:45:05 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.483	-1.515	66.47	264.5	9.138	2.144
Stddev	1.318	1.650	.26	.8	.496	.232
%RSD	24.04	108.9	.3941	.3193	5.431	10.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.375	63.06	975.1	773.0
Stddev	.291	.10	.3	4.8
%RSD	3.108	.1633	.0352	.6164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5453.9	61678.	9465.3
Stddev	3.3	147.	28.1
%RSD	.06091	.23885	.29713

Sample Name: 460-61325-A-1-A@4 Acquired: 8/17/2013 18:48:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	23.95	2.440	725.0	18.08	6945.
Stddev	89.	.42	.397	1.3	.08	18.
%RSD	.0726	1.745	16.28	.1734	.4450	.2597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.036	56.18	116.3	123.3	142900.	14890.
Stddev	.072	.10	.5	1.5	214.	31.
%RSD	6.948	.1827	.4659	1.210	.1500	.2100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21620.	1449.	385.6	92.63	36.75	-1.045
Stddev	30.	2.	8.9	.21	.18	.917
%RSD	.1395	.1501	2.316	.2291	.4878	87.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61325-A-1-A@4 Acquired: 8/17/2013 18:48:41 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.063	-6.386	144.1	198.2	23.66	2.658
Stddev	.368	.830	.6	.2	.43	.363
%RSD	5.217	13.00	.4422	.1173	1.827	13.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.796	57.15	1634.	851.3
Stddev	.572	.06	2.	16.3
%RSD	9.871	.0968	.1453	1.910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5558.1	62154.	9763.9
Stddev	7.7	201.	12.7
%RSD	.13865	.32380	.13043

Sample Name: 460-61331-A-1-A@4 Acquired: 8/17/2013 18:52:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	85490.	165.4	2.915	299.7	6.930	5993.
Stddev	69.	.9	.100	.7	.079	12.
%RSD	.0810	.5204	3.416	.2270	1.144	.1980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4716	86.34	232.4	156.0	182700.	13720.
Stddev	.0717	.27	.5	2.8	210.	21.
%RSD	15.21	.3076	.2356	1.766	.1148	.1518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50600.	5889.	678.5	189.2	117.5	-1.345
Stddev	53.	15.	2.9	.9	1.3	2.042
%RSD	.1056	.2512	.4327	.4631	1.127	151.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-1-A@4 Acquired: 8/17/2013 18:52:15 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.729	-7.824	389.3	385.3	22.46	27.15
Stddev	3.123	.258	.4	.1	.19	.07
%RSD	40.41	3.295	.0943	.0371	.8367	.2729
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.853	74.70	1955.	762.7
Stddev	.168	.12	4.	28.6
%RSD	2.443	.1575	.1975	3.754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5462.3	61508.	9641.2
Stddev	6.7	116.	23.5
%RSD	.12224	.18931	.24358

Sample Name: 460-61331-A-2-A@4 Acquired: 8/17/2013 18:55:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49900.	464.4	7.058	1978.	1.575	4431.
Stddev	33.	2.8	.637	2.	.026	4.
%RSD	.0661	.5960	9.026	.0904	1.635	.0931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0367	108.5	254.9	187.9	F 252800.	6534.
Stddev	.2222	.1	.8	1.9	200.	12.
%RSD	605.3	.1215	.3038	1.001	.0791	.1823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24720.	F 40820.	987.2	294.0	226.2	5.438
Stddev	21.	56.	1.9	.7	.5	.708
%RSD	.0832	.1383	.1916	.2403	.2237	13.01
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61331-A-2-A@4 Acquired: 8/17/2013 18:55:58 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.922	27.54	541.4	640.9	.3456	158.8
Stddev	1.860	1.65	.8	.4	.1970	.9
%RSD	37.80	5.977	.1474	.0641	57.00	.5548
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.286	217.8	911.0	712.9
Stddev	.534	.2	2.8	15.1
%RSD	10.11	.0800	.3096	2.121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5664.8	63915.	10001.
Stddev	7.7	93.	32.
%RSD	.13670	.14537	.31821

Sample Name: 460-61331-A-3-A@4 Acquired: 8/17/2013 18:59:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82190.	265.9	2.790	254.1	10.19	8978.
Stddev	184.	1.8	.238	.6	.05	56.
%RSD	.2233	.6944	8.518	.2234	.4564	.6246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.011	64.06	302.3	214.2	F 220200.	15530.
Stddev	.035	.23	.9	1.9	576.	39.
%RSD	3.435	.3590	.2891	.8916	.2616	.2495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59040.	2843.	1042.	171.6	188.3	-.6598
Stddev	201.	5.	10.	.4	2.3	2.053
%RSD	.3406	.1892	.9911	.2259	1.222	311.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-3-A@4 Acquired: 8/17/2013 18:59:36 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	-6.851	691.7	384.1	12.87	79.86
Stddev	.81	.585	1.9	.4	.25	.17
%RSD	7.615	8.542	.2777	.1147	1.921	.2119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.437	131.9	2008.	635.5
Stddev	.524	.1	4.	11.0
%RSD	7.042	.1057	.2089	1.726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5527.3	62463.	9775.5
Stddev	3.3	46.	38.7
%RSD	.05924	.07347	.39546

Sample Name: 460-61331-A-4-A@4 Acquired: 8/17/2013 19:03:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	135100.	398.4	3.345	387.8	8.516	6896.
Stddev	181.	.9	.460	.6	.049	15.
%RSD	.1337	.2361	13.75	.1638	.5770	.2111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.149	88.26	328.1	196.8	F 258700.	14650.
Stddev	.168	.32	.6	1.7	309.	36.
%RSD	14.58	.3607	.1801	.8718	.1195	.2477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50850.	3357.	1273.	196.4	174.0	-1.827
Stddev	76.	3.	2.	.4	.5	2.643
%RSD	.1485	.1022	.1405	.1802	.3060	144.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-4-A@4 Acquired: 8/17/2013 19:03:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.73	-7.808	563.7	453.1	32.33	122.8
Stddev	1.35	1.390	.8	.2	.93	.3
%RSD	12.57	17.81	.1457	.0332	2.865	.2678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.251	131.4	3000.	811.0
Stddev	.540	.3	3.	5.5
%RSD	7.454	.2306	.0893	.6826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60519.	9461.0
Stddev	12.2	188.	38.4
%RSD	.22756	.31092	.40596

Sample Name: 460-61331-A-5-A@4 Acquired: 8/17/2013 19:06:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	102800.	398.8	3.823	607.3	7.576	8496.
Stddev	162.	1.3	.170	.4	.050	7.
%RSD	.1574	.3188	4.452	.0707	.6546	.0812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5907	160.4	265.7	504.1	F 223200.	15530.
Stddev	.1666	.4	.8	5.2	306.	8.
%RSD	28.21	.2449	.2980	1.027	.1371	.0539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49510.	F 11460.	1076.	293.3	145.2	-1.775
Stddev	62.	29.	8.	.3	1.3	2.036
%RSD	.1248	.2521	.7697	.0999	.8723	114.7
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Sample Name: 460-61331-A-5-A@4 Acquired: 8/17/2013 19:06:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.778	-8.329	480.3	690.8	25.05	122.9
Stddev	.991	.728	.9	.8	.49	.3
%RSD	17.15	8.738	.1830	.1221	1.943	.2150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.948	120.1	2606.	783.8
Stddev	.468	.1	4.	10.5
%RSD	5.234	.0576	.1370	1.341
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5508.5	61997.	9682.5
Stddev	5.9	144.	37.9
%RSD	.10636	.23254	.39116

Sample Name: CCV Acquired: 8/17/2013 19:10:15 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126400.	2463.	1190.	9934.	987.5	121400.
Stddev	188.	7.	2.	5.	1.6	276.
%RSD	.1485	.2747	.2038	.0492	.1655	.2277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1245.	2487.	4784.	12600.	101200.	49760.
Stddev	.	1.	9.	17.	275.	37.
%RSD	.0056	.0506	.1810	.1387	.2721	.0740
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	4958.	129400.	2504.	7458.	950.4
Stddev	339.	13.	323.	6.	2.	2.9
%RSD	.2805	.2647	.2493	.2488	.0302	.3003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 19:10:15 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2424.	2442.	2418.	2457.	997.6	2456.
Stddev	5.	5.	4.	3.	.3	5.
%RSD	.1995	.2065	.1578	.1416	.0308	.1891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.4	4977.	9942.	9096.
Stddev	1.3	36.	12.	44.
%RSD	.1330	.7187	.1192	.4818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5000.0	56496.	9053.3
Stddev	7.7	40.	60.4
%RSD	.15313	.07145	.66722

Sample Name: CCB Acquired: 8/17/2013 19:13:52 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.498	-1.866	1.981	.3310	.0628	44.36
Stddev	1.357	.727	.566	.2962	.0763	1.16
%RSD	15.97	38.96	28.58	89.49	121.5	2.618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0894	.1134	.2662	1.611	11.32	-4.056
Stddev	.0328	.1727	.2839	1.009	6.83	11.78
%RSD	36.65	152.3	106.7	62.64	60.29	290.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0627	.2970	-41.86	.4128	-.2581	.7584
Stddev	2.237	.1301	8.63	.1188	.5641	.7817
%RSD	3568.	43.80	20.61	28.76	218.5	103.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 19:13:52 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.781	1.235	.0034	-1.253	.5098	8.042
Stddev	2.147	.966	.1190	.155	.6825	1.143
%RSD	120.6	78.25	3528.	12.34	133.9	14.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6471	.1106	2.187	-19.45
Stddev	.3464	.1185	1.107	8.86
%RSD	53.53	107.2	50.63	45.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5361.7	61321.	9247.2
Stddev	9.8	275.	5.5
%RSD	.18291	.44818	.05937

Sample Name: 460-61331-A-6-A@4 Acquired: 8/17/2013 19:17:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	103800.	248.5	2.805	380.9	6.723	9002.
Stddev	126.	2.3	.407	.3	.080	32.
%RSD	.1212	.9072	14.52	.0805	1.196	.3547
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4430	99.98	263.9	246.5	F 207400.	17380.
Stddev	.2402	.17	.1	2.6	197.	40.
%RSD	54.22	.1651	.0407	1.053	.0951	.2329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47350.	3750.	1120.	167.6	95.75	-.8954
Stddev	37.	1.	4.	.4	1.77	.8352
%RSD	.0787	.0279	.3222	.2414	1.847	93.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-6-A@4 Acquired: 8/17/2013 19:17:37 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.848	-9.107	442.6	440.6	28.58	51.72
Stddev	1.351	.626	.7	1.4	.17	.58
%RSD	15.26	6.878	.1658	.3216	.5793	1.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.120	133.1	2834.	796.7
Stddev	.454	.1	5.	10.4
%RSD	5.595	.0955	.1783	1.312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5374.6	60500.	9461.0
Stddev	6.1	169.	27.7
%RSD	.11349	.27967	.29322

Sample Name: 460-61331-A-7-A@4 Acquired: 8/17/2013 19:21:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63680.	143.7	2.871	215.4	7.313	3832.
Stddev	114.	1.7	.279	.1	.036	17.
%RSD	.1792	1.203	9.709	.0464	.4986	.4365
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.890	79.21	246.8	198.7	175800.	17340.
Stddev	.049	.32	.4	1.8	386.	37.
%RSD	2.587	.3976	.1619	.9006	.2193	.2138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	62320.	4681.	624.1	179.7	170.0	-1.159
Stddev	169.	13.	4.5	.4	1.7	1.562
%RSD	.2718	.2748	.7198	.2194	.9726	134.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-7-A@4 Acquired: 8/17/2013 19:21:09 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.510	-8.914	374.3	583.1	10.47	2.481
Stddev	2.460	.424	.9	.2	.96	.314
%RSD	32.76	4.761	.2487	.0379	9.136	12.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.121	48.79	1005.	503.6
Stddev	.278	.27	2.	12.3
%RSD	3.418	.5623	.1695	2.447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5313.0	60094.	9326.9
Stddev	9.4	89.	69.8
%RSD	.17734	.14760	.74860

Sample Name: 460-61331-A-8-A@4 Acquired: 8/17/2013 19:24:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	118000.	91.36	2.468	336.2	8.036	21470.
Stddev	288.	1.13	.563	.2	.078	42.
%RSD	.2439	1.234	22.81	.0730	.9718	.1964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3380	103.7	318.8	377.3	F 233100.	18950.
Stddev	.1491	.3	1.2	1.1	627.	59.
%RSD	44.10	.3105	.3720	.2942	.2689	.3107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95260.	7421.	1583.	239.2	155.4	.5517
Stddev	285.	21.	5.	.7	1.3	1.459
%RSD	.2992	.2771	.3287	.2793	.8175	264.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61331-A-8-A@4 Acquired: 8/17/2013 19:24:49 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.968	-13.03	494.4	591.5	29.95	9.551
Stddev	1.014	1.45	1.6	1.1	.78	.385
%RSD	11.30	11.15	.3322	.1846	2.604	4.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.30	233.3	2501.	764.0
Stddev	.25	.2	7.	10.3
%RSD	2.455	.0981	.2783	1.349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5342.9	60359.	9479.6
Stddev	10.2	90.	48.4
%RSD	.19126	.14934	.51054

Sample Name: 460-61222-A-19-D@20 Acquired: 8/17/2013 19:28:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12840.	41.14	2.502	162.8	1.177	5389.
Stddev	50.	.79	.108	.2	.080	19.
%RSD	.3893	1.909	4.318	.1234	6.755	.3617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1161	10.22	45.44	102.5	49690.	2323.
Stddev	.0649	.16	.17	2.2	94.	17.
%RSD	55.86	1.588	.3769	2.173	.1898	.7310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2111.	208.9	326.0	33.96	136.7	1.035
Stddev	3.	.3	3.3	.73	.4	2.158
%RSD	.1389	.1285	1.016	2.140	.3069	208.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-19-D@20 Acquired: 8/17/2013 19:28:30 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.782	-1.269	125.4	142.5	8.174	3.140
Stddev	.665	1.146	.4	.4	.510	.223
%RSD	23.92	90.30	.3134	.2797	6.243	7.093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.78	99.32	719.7	216.5
Stddev	.42	.15	1.8	11.0
%RSD	3.573	.1526	.2534	5.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5415.7	61504.	9386.1
Stddev	7.3	170.	78.2
%RSD	.13456	.27577	.83313

Sample Name: 460-61222-A-23-A@40 Acquired: 8/17/2013 19:32:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9775.	3.908	1.882	82.87	.3919	3474.
Stddev	128.	1.552	.343	1.33	.0906	42.
%RSD	1.311	39.72	18.22	1.599	23.13	1.200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.001	10.96	18.49	52.51	24220.	649.9
Stddev	.105	.20	.22	.83	328.	10.9
%RSD	1.746	1.838	1.194	1.586	1.353	1.676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8687.	467.1	506.1	23.31	90.02	-.1789
Stddev	109.	6.3	8.3	.52	1.31	2.211
%RSD	1.256	1.357	1.642	2.223	1.460	1236.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-23-A@40 Acquired: 8/17/2013 19:32:07 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6993	.1227	45.54	551.5	2.352	.0956
Stddev	1.743	.7722	.96	8.2	.208	.1260
%RSD	249.3	629.5	2.104	1.488	8.845	131.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.601	25.73	383.1	80.64
Stddev	.384	.36	4.9	7.71
%RSD	6.861	1.382	1.273	9.559
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5422.3	61453.	9327.7
Stddev	5.1	92.	43.6
%RSD	.09351	.14905	.46772

Sample Name: 460-61222-A-25-A@10 Acquired: 8/17/2013 19:35:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3543.	68.14	3.099	126.2	.7486	2933.
Stddev	6.	1.11	.578	.7	.0705	8.
%RSD	.1571	1.633	18.64	.5840	9.413	.2718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3005	9.864	27.57	242.6	136600.	668.0
Stddev	.1929	.075	.15	.8	41.	17.1
%RSD	64.22	.7604	.5450	.3323	.0297	2.552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	935.0	420.7	1067.	33.25	488.9	11.50
Stddev	2.2	.4	5.	.52	.2	1.10
%RSD	.2363	.0898	.4776	1.555	.0388	9.540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-61222-A-25-A@10 Acquired: 8/17/2013 19:35:44 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.43	-4.143	20.79	281.0	15.50	6.167
Stddev	.46	.649	.34	.4	.51	.228
%RSD	4.409	15.66	1.615	.1504	3.308	3.689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	58.45	55.00	220.5	397.2
Stddev	.55	.21	1.2	10.0
%RSD	.9473	.3737	.5600	2.523
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5342.8	60984.	9346.3
Stddev	5.0	143.	64.1
%RSD	.09381	.23493	.68631

Sample Name: 460-61103-A-8-C@5 Acquired: 8/17/2013 19:39:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	200.9	-.4815	2.066	77.53	.0680	70160.
Stddev	3.2	2.095	.275	.40	.0155	96.
%RSD	1.579	435.1	13.31	.5130	22.87	.1375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5156	5.896	.1842	3.028	2094.	1511.
Stddev	.1219	.157	.1714	1.000	14.	15.
%RSD	23.64	2.663	93.02	33.03	.6837	.9798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5266.	582.0	F 257200.	7.875	23.48	.4352
Stddev	13.	.4	2577.	.650	.94	.7402
%RSD	.2521	.0744	1.002	8.253	4.013	170.1
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Sample Name: 460-61103-A-8-C@5 Acquired: 8/17/2013 19:39:20 Type: Unk
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.187	1.437	.4081	60.75	11.70	-.1475
Stddev	.739	.902	.3282	.09	.37	.1266
%RSD	23.20	62.73	80.41	.1544	3.176	85.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6028	161.8	13.74	1251.
Stddev	.5437	.3	.70	8.
%RSD	90.19	.2124	5.078	.6375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5052.2	56501.	9097.0
Stddev	5.6	80.	28.1
%RSD	.11088	.14216	.30909

Sample Name: CCV Acquired: 8/17/2013 19:43:09 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126600.	2469.	1191.	9951.	988.0	121600.
Stddev	307.	2.	1.	8.	1.4	300.
%RSD	.2423	.0948	.1138	.0854	.1388	.2466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1246.	2491.	4785.	12620.	101400.	49750.
Stddev	2.	3.	10.	23.	260.	117.
%RSD	.1865	.1089	.2173	.1861	.2568	.2354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	4976.	128700.	2513.	7461.	953.0
Stddev	368.	13.	144.	3.	9.	2.0
%RSD	.3035	.2517	.1115	.1113	.1150	.2078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/17/2013 19:43:09 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2419.	2448.	2420.	2463.	1000.	2464.
Stddev	2.	3.	3.	7.	2.	3.
%RSD	.0984	.1108	.1343	.3023	.1771	.1156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.4	4986.	9947.	9100.
Stddev	2.0	37.	15.	28.
%RSD	.1957	.7433	.1494	.3122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4953.9	55943.	8989.3
Stddev	1.4	213.	39.5
%RSD	.02784	.38143	.43974

Sample Name: CCB Acquired: 8/17/2013 19:46:44 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.699	-.7037	2.079	.3790	.0450	43.90
Stddev	18.67	1.114	.394	.1303	.0266	2.36
%RSD	1099.	158.4	18.95	34.39	59.01	5.386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1081	.1983	.0153	1.127	7.281	.1661
Stddev	.0442	.1274	.1463	1.189	5.703	27.98
%RSD	40.89	64.24	957.8	105.4	78.33	16840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

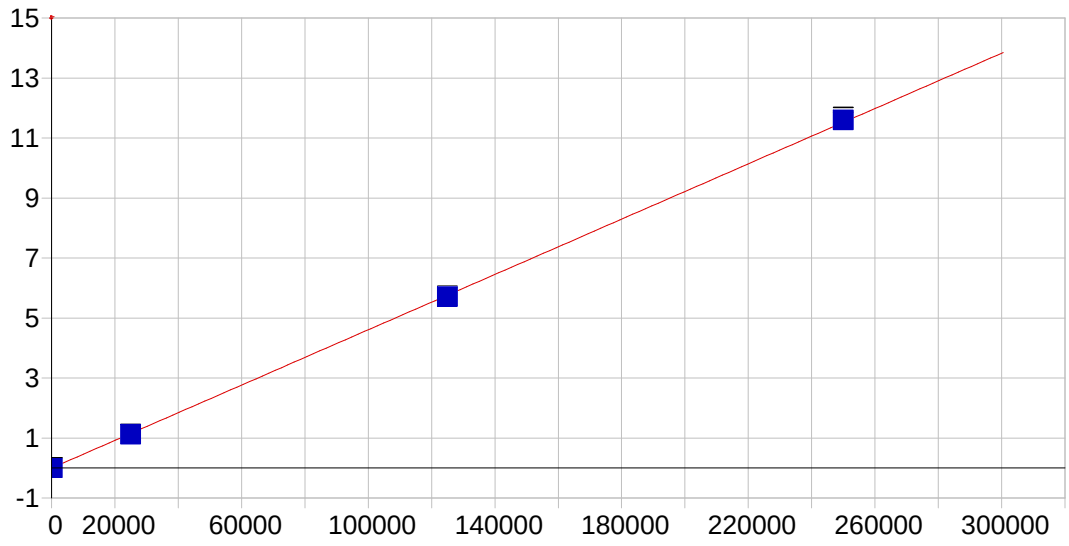
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2166	.1432	-22.08	-.0445	-.3031	.9820
Stddev	3.068	.0481	19.34	.3833	.8336	1.301
%RSD	1416.	33.58	87.58	861.6	275.0	132.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/17/2013 19:46:44 Type: QC
Method: 08162013 Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.690	.9462	.0748	-1.271	.1921	7.861
Stddev	1.640	.7279	.1423	.083	.5858	1.421
%RSD	60.97	76.93	190.3	6.545	305.0	18.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6216	.1118	1.704	-14.40
Stddev	.6400	.1018	1.244	12.62
%RSD	103.0	91.10	73.01	87.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5339.4	60887.	9147.2
Stddev	20.5	94.	57.6
%RSD	.38340	.15434	.62920

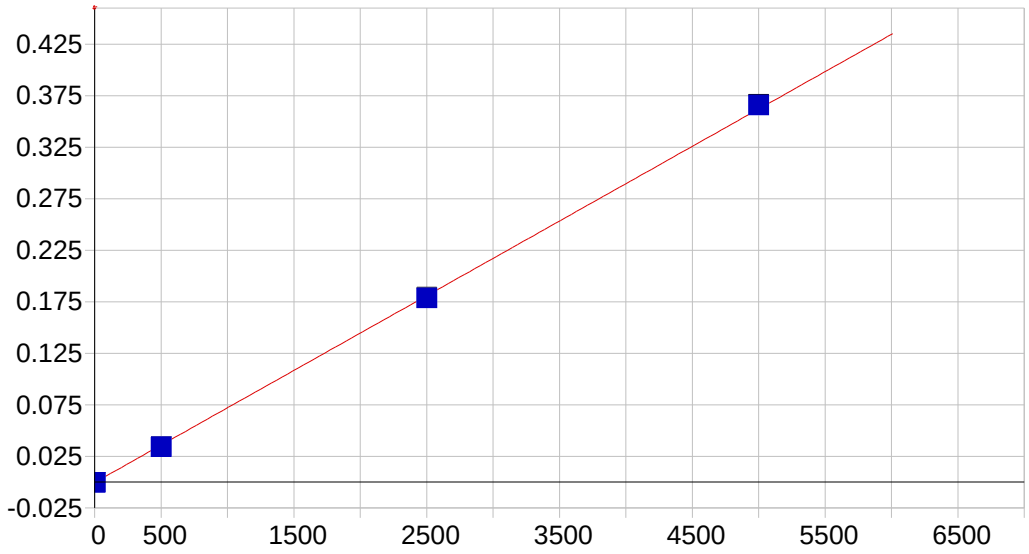


Al 396.152 { 85}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001249	Re-Slope:	1.000000
A1 (Gain):	0.000046	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.000168		
Predicted MDL:	8.968958		
Predicted MQL:	29.896527		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00835	.008	.000	-.00125	.000	1
DCAL2	200.00	197.43	-2.57	-1.28	.00789	.000	1
DCAL3	25000.	24314.	-686.	-2.75	1.1204	.004	1
DCAL4	125000.	123950.	-1050.	-.843	5.7167	.011	1
DCAL5	250000.	251740.	1740.	.697	11.612	.083	1

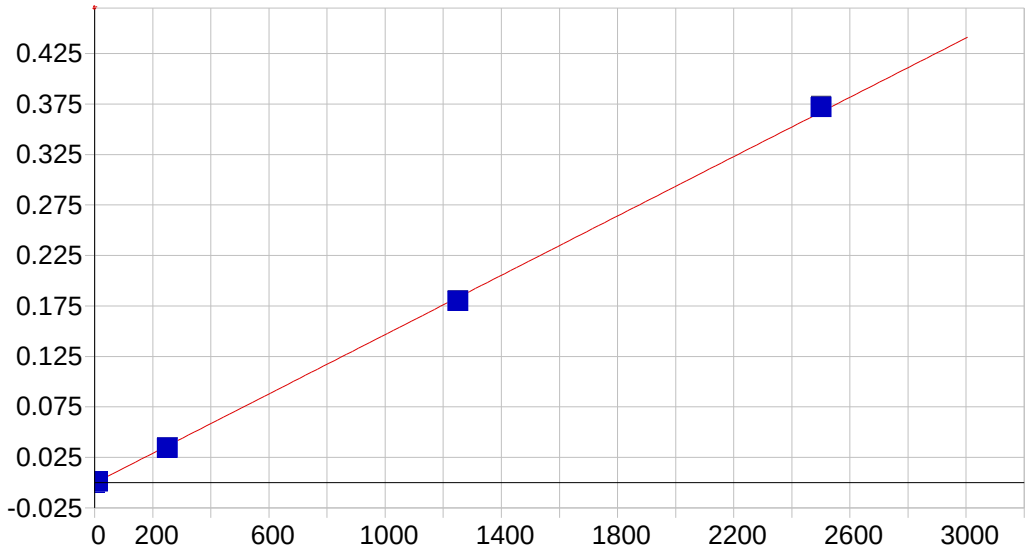


As 189.042 {478}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000342	Re-Slope:	1.000000
A1 (Gain):	0.000072	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999868	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	1.550555		
Predicted MQL:	5.168516		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00098	.001	.000	-.00034	.000	1
DCAL2	5.0000	4.2646	-.735	-14.7	-.00003	.000	1
DCAL3	500.00	476.25	-23.7	-4.75	.03415	.000	1
DCAL4	2500.0	2471.9	-28.1	-1.12	.17869	.001	1
DCAL5	5000.0	5052.6	52.6	1.05	.36560	.001	1

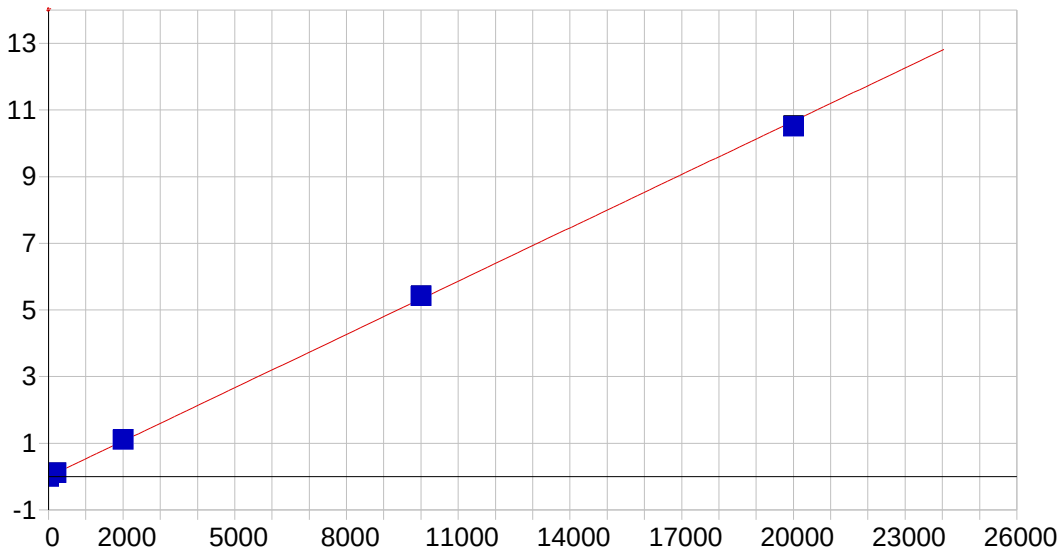


Ag 328.068 {103}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000289	Re-Slope:	1.000000
A1 (Gain):	0.000147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.572857		
Predicted MQL:	1.909523		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00033	.000	.000	-.00029	.000	1
DCAL2	10.000	10.222	.222	2.22	.00121	.000	1
DCAL3	250.00	237.17	-12.8	-5.13	.03455	.000	1
DCAL4	1250.0	1227.0	-23.0	-1.84	.17992	.001	1
DCAL5	2500.0	2535.7	35.7	1.43	.37214	.000	1

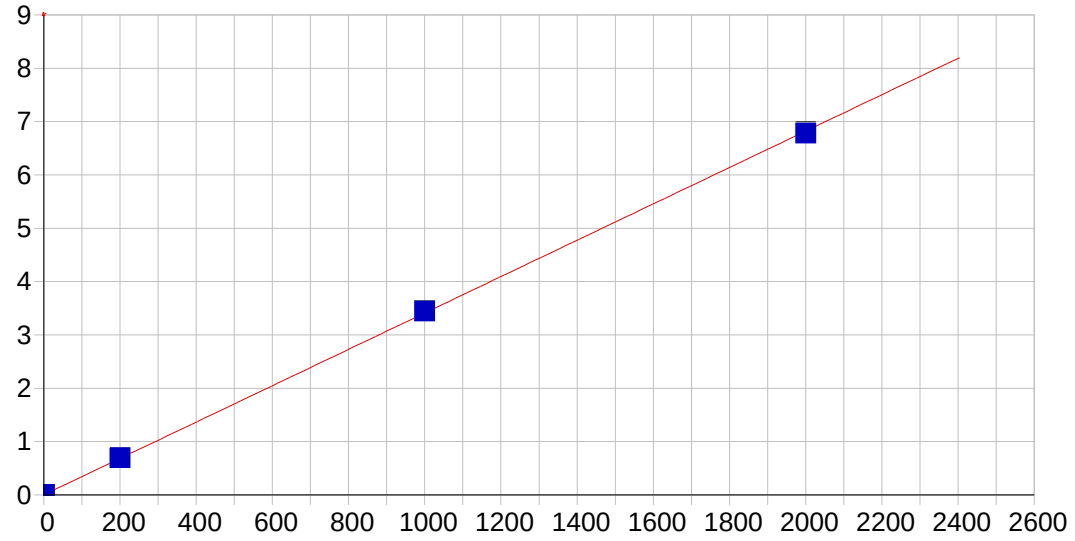


Ba 233.527 {445}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000040	Re-Slope:	1.000000
A1 (Gain):	0.000533	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999821	Status:	OK.
Std Error of Est:	0.001044		
Predicted MDL:	0.206279		
Predicted MQL:	0.687596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02290	-.023	.000	-.00005	.000	1
DCAL2	200.00	213.67	13.7	6.84	.11386	.000	1
DCAL3	2000.0	2084.2	84.2	4.21	1.1103	.001	1
DCAL4	10000.	10179.	179.	1.79	5.4225	.003	1
DCAL5	20000.	19723.	-277.	-1.38	10.507	.008	1

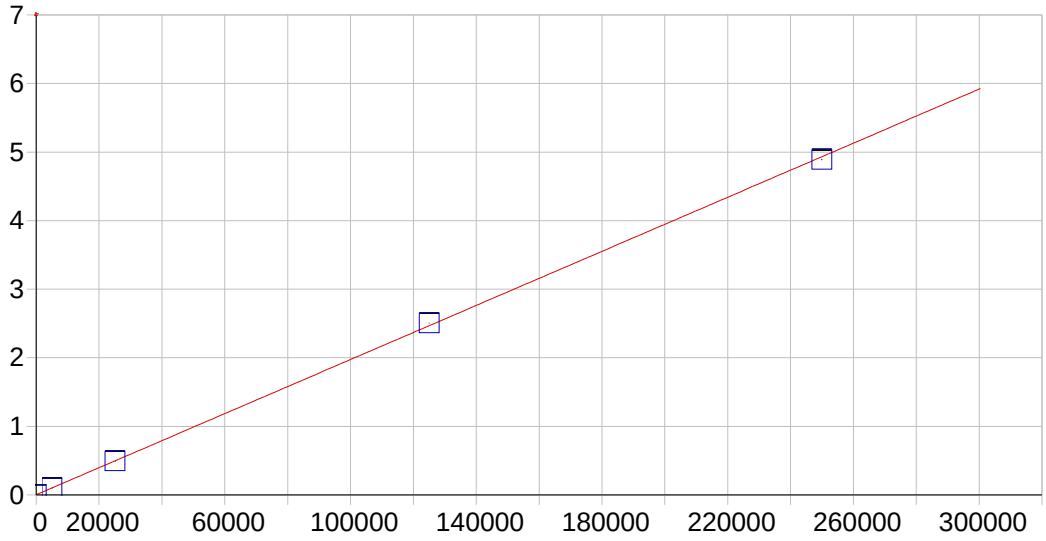


Be 313.042 {108}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001026	Re-Slope:	1.000000
A1 (Gain):	0.003410	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000093		
Predicted MDL:	0.084681		
Predicted MQL:	0.282270		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00011	-.000	.000	.00103	.000	1
DCAL2	2.0000	2.0719	.072	3.59	.00818	.000	1
DCAL3	200.00	203.22	3.22	1.61	.69570	.002	1
DCAL4	1000.0	1009.3	9.33	.933	3.4513	.006	1
DCAL5	2000.0	1987.4	-12.6	-.631	6.7949	.006	1

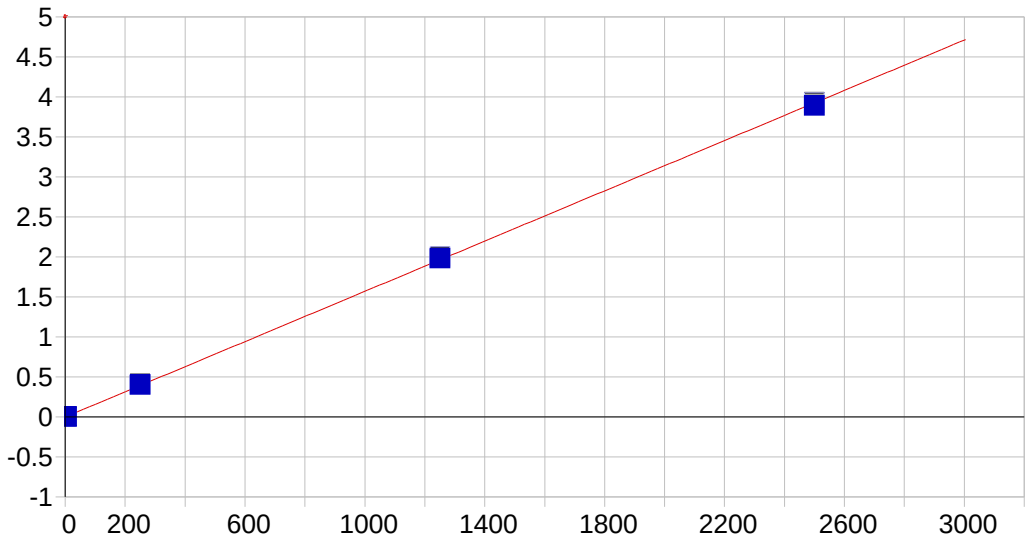


Ca 318.128 {106}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002402	Re-Slope:	1.000000
A1 (Gain):	0.000020	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000402		
Predicted MDL:	4.465189		
Predicted MQL:	14.883965		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.12960	-.130	.000	.00240	.000	1
DCAL2	5000.0	5082.7	82.7	1.65	.10264	.000	1
DCAL3	25000.	25051.	51.4	.206	.49642	.001	1
DCAL4	125000.	126960.	1960.	1.57	2.5062	.005	1
DCAL5	250000.	247900.	-2100.	-.839	4.8911	.009	1

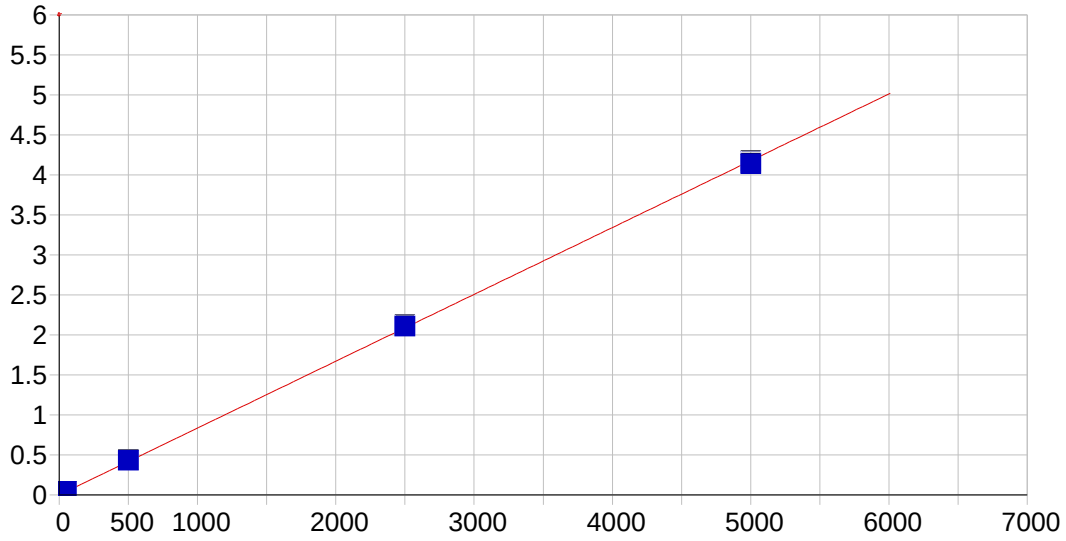


Cd 226.502 {449}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000481	Re-Slope:	1.000000
A1 (Gain):	0.001570	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999926	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.107264		
Predicted MQL:	0.357546		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	-.000	.000	-.00048	.000	1
DCAL2	4.0000	4.0885	.089	2.21	.00597	.000	1
DCAL3	250.00	257.95	7.95	3.18	.40829	.001	1
DCAL4	1250.0	1263.9	13.9	1.12	2.0029	.001	1
DCAL5	2500.0	2478.0	-22.0	-.879	3.9279	.003	1

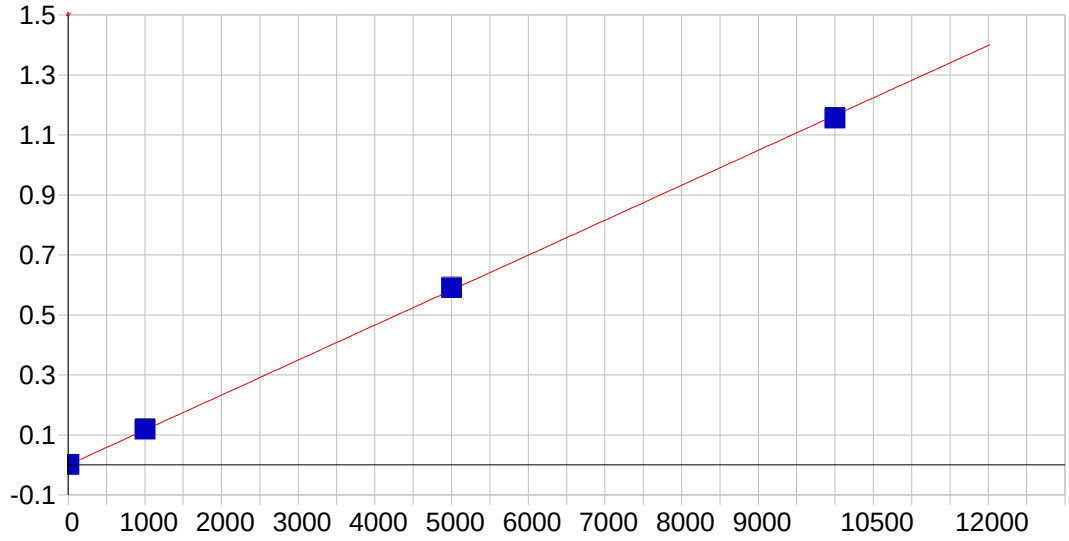


Co 228.616 {447}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000410	Re-Slope:	1.000000
A1 (Gain):	0.000835	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.000292		
Predicted MDL:	0.225995		
Predicted MQL:	0.753317		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00490	-.005	.000	.00041	.000	1
DCAL2	50.000	53.069	3.07	6.14	.04476	.000	1
DCAL3	500.00	517.98	18.0	3.60	.43643	.000	1
DCAL4	2500.0	2523.8	23.8	.952	2.1253	.000	1
DCAL5	5000.0	4955.2	-44.8	-.896	4.1729	.004	1

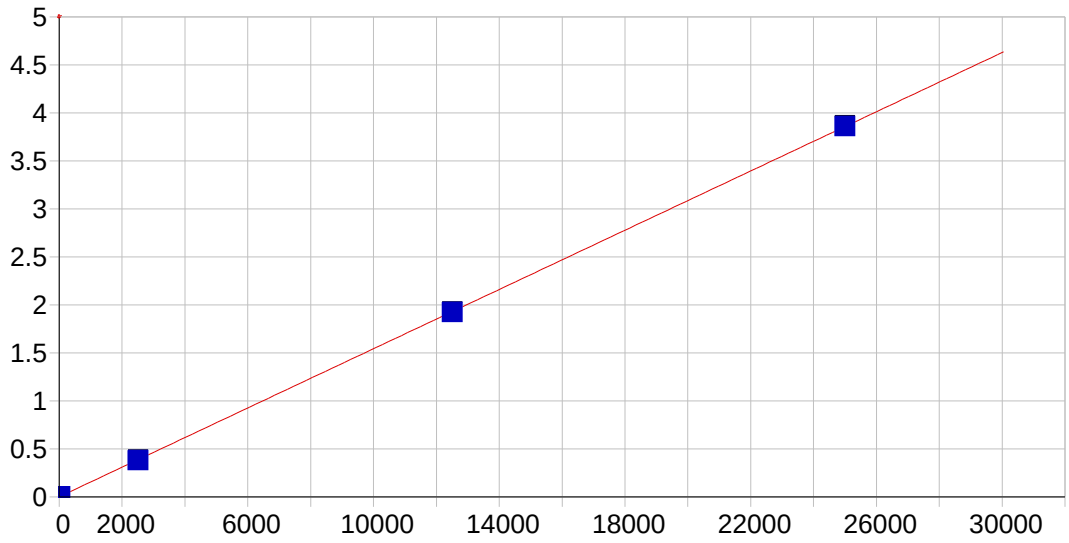


Cr 267.716 {126}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000001	Re-Slope:	1.000000
A1 (Gain):	0.000117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999937	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.447316		
Predicted MQL:	1.491055		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00078	-.001	.000	.00000	.000	1
DCAL2	10.000	10.544	.544	5.44	.00124	.000	1
DCAL3	1000.0	1018.3	18.3	1.83	.11873	.000	1
DCAL4	5000.0	5067.5	67.5	1.35	.59082	.001	1
DCAL5	10000.	9913.7	-86.3	-.863	1.1559	.002	1

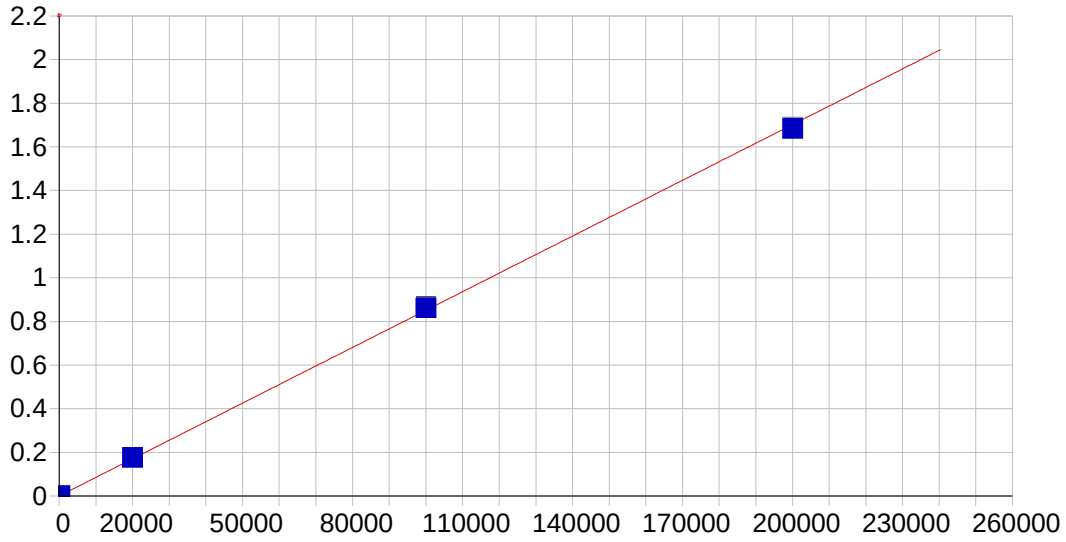


Cu 324.754 {104}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000994	Re-Slope:	1.000000
A1 (Gain):	0.000154	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000013		
Predicted MDL:	1.885413		
Predicted MQL:	6.284709		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00164	-.002	.000	.00099	.000	1
DCAL1	10.000	11.335	1.33	13.3	.00274	.000	1
DCAL2	25.000	25.974	.974	3.89	.00499	.000	1
DCAL3	2500.0	2480.4	-19.6	-.784	.38312	.001	1
DCAL4	12500.	12474.	-25.6	-.205	1.9228	.001	1
DCAL5	25000.	25043.	42.9	.172	3.8591	.005	1

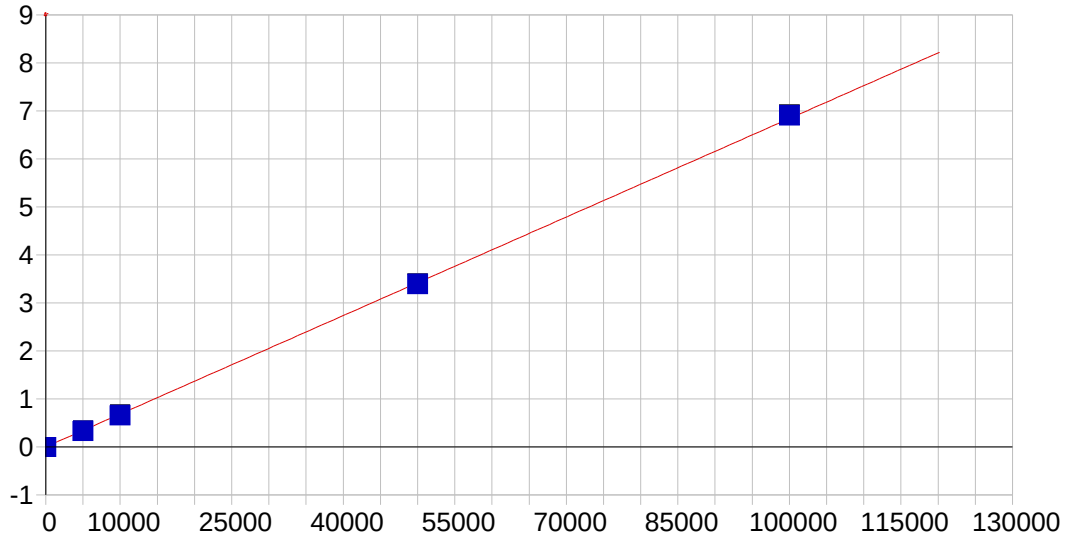


Fe 271.441 {124}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000074	Re-Slope:	1.000000
A1 (Gain):	0.000009	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999888	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	7.351887		
Predicted MQL:	24.506290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.03458	-.035	.000	.00007	.000	1
DCAL1	100.00	109.47	9.47	9.47	.00101	.000	1
DCAL2	150.00	182.08	32.1	21.4	.00166	.000	1
DCAL3	20000.	20678.	678.	3.39	.17648	.000	1
DCAL4	100000.	101380.	1380.	1.38	.86495	.002	1
DCAL5	200000.	197900.	-2100.	-1.05	1.6885	.001	1

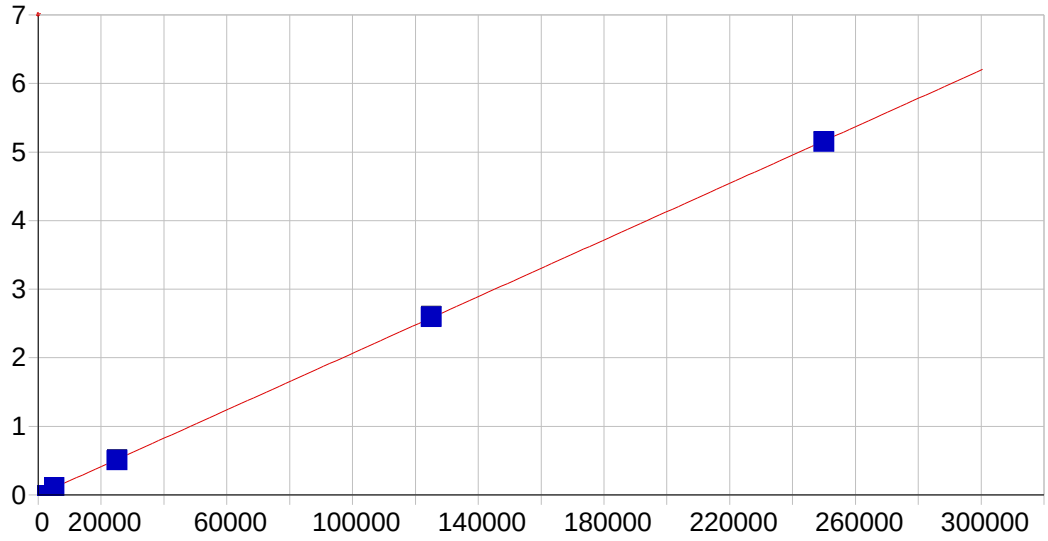


K 766.490 { 44}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000022	Re-Slope:	1.000000
A1 (Gain):	0.000068	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.001103		
Predicted MDL:	20.561439		
Predicted MQL:	68.538131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.33263	.333	.000	.00000	.000	1
DCAL2	5000.0	4846.0	-154.	-3.08	.33153	.001	1
DCAL3	10000.	9635.1	-365.	-3.65	.65944	.001	1
DCAL4	50000.	49558.	-442.	-.885	3.3919	.005	1
DCAL5	100000.	100960.	961.	.961	6.9100	.012	1

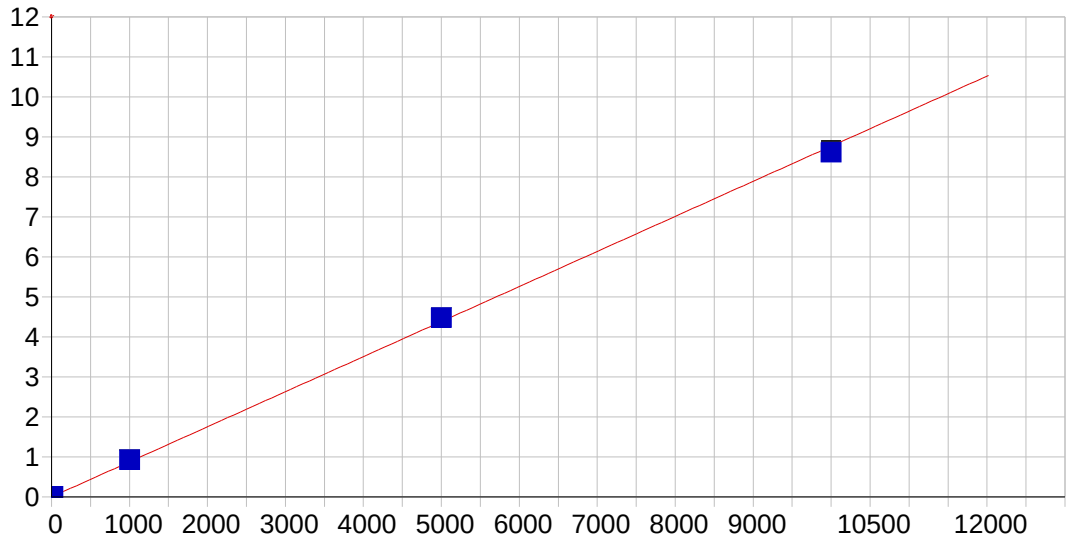


Mg 279.079 {121}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000058	Re-Slope:	1.000000
A1 (Gain):	0.000021	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000224		
Predicted MDL:	3.114840		
Predicted MQL:	10.382799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.04494	-.045	.000	.00006	.000	1
DCAL2	5000.0	5096.8	96.8	1.94	.10531	.000	1
DCAL3	25000.	24630.	-370.	-1.48	.50837	.001	1
DCAL4	125000.	125830.	832.	.666	2.5970	.007	1
DCAL5	250000.	249440.	-559.	-.224	5.1480	.001	1

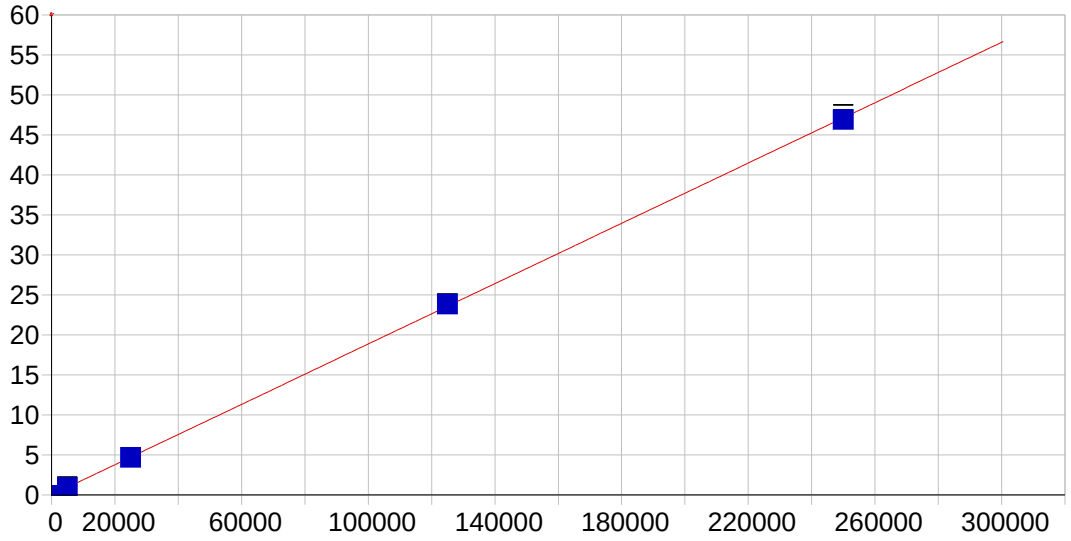


Mn 257.610 {131}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000113	Re-Slope:	1.000000
A1 (Gain):	0.000877	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999730	Status:	OK.
Std Error of Est:	0.000407		
Predicted MDL:	0.059012		
Predicted MQL:	0.196708		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00223	-.002	.000	.00011	.000	1
DCAL2	15.000	16.304	1.30	8.69	.01441	.000	1
DCAL3	1000.0	1056.1	56.1	5.61	.92595	.000	1
DCAL4	5000.0	5112.0	112.	2.24	4.4815	.001	1
DCAL5	10000.	9830.5	-169.	-1.69	8.6179	.030	1

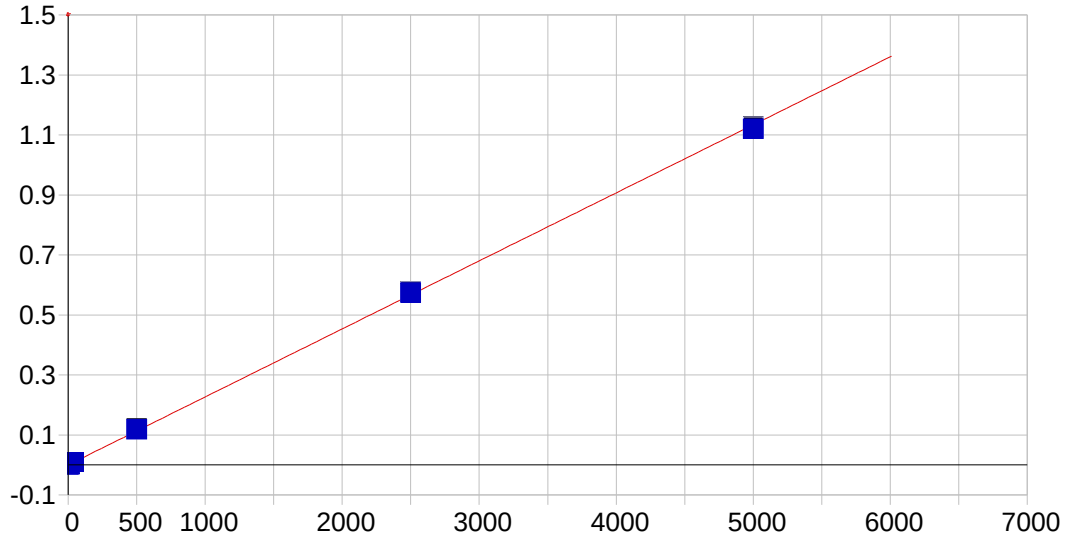


Na 589.592 { 57}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009936	Re-Slope:	1.000000
A1 (Gain):	0.000189	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999971	Status:	OK.
Std Error of Est:	0.002629		
Predicted MDL:	6.740715		
Predicted MQL:	22.469050		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00097	.001	.000	.00994	.000	1
DCAL2	5000.0	5003.8	3.81	.076	.95337	.001	1
DCAL3	25000.	24817.	-183.	-.732	4.6905	.005	1
DCAL4	125000.	126410.	1410.	1.13	23.851	.021	1
DCAL5	250000.	248770.	-1230.	-.493	46.928	.592	1

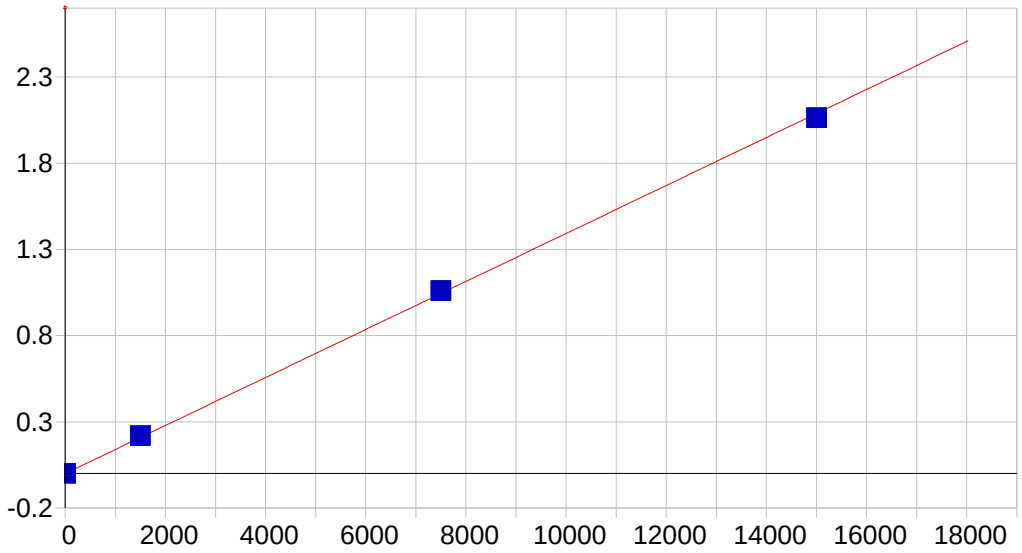


Ni 231.604 {446}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000079	Re-Slope:	1.000000
A1 (Gain):	0.000227	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999849	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.598938		
Predicted MQL:	1.996459		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00181	-.002	.000	-.00008	.000	1
DCAL1	10.000	10.596	.596	5.96	.00232	.000	1
DCAL2	40.000	42.977	2.98	7.44	.00969	.000	1
DCAL3	500.00	522.72	22.7	4.54	.11905	.000	1
DCAL4	2500.0	2533.6	33.6	1.35	.57746	.000	1
DCAL5	5000.0	4940.1	-59.9	-1.20	1.1262	.002	1

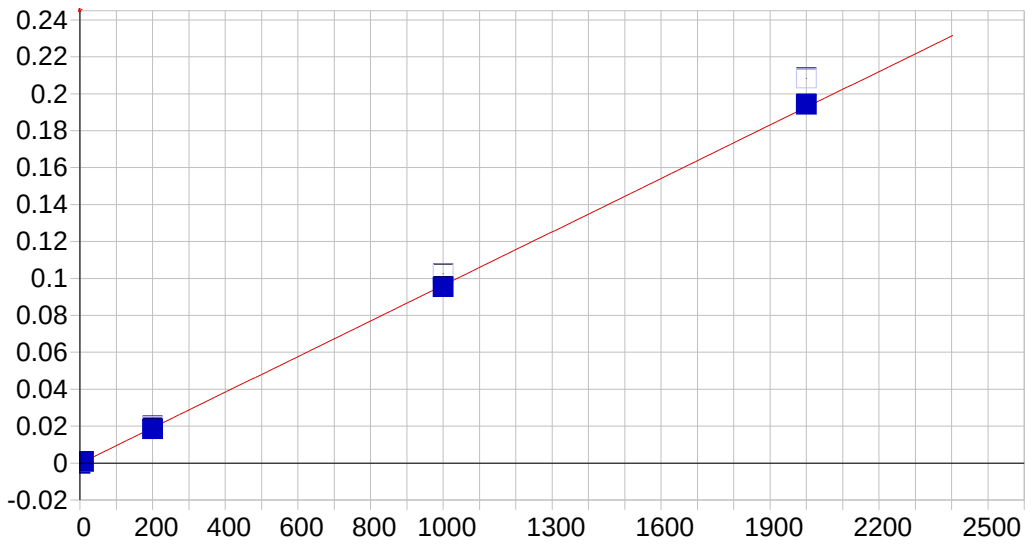


Pb 220.353 {453}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000052	Re-Slope:	1.000000
A1 (Gain):	0.000139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999847	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	1.208984		
Predicted MQL:	4.029947		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00036	-.000	.000	.00005	.000	1
DCAL2	5.0000	5.1050	.105	2.10	.00077	.000	1
DCAL3	1500.0	1572.6	72.6	4.84	.21895	.000	1
DCAL4	7500.0	7609.9	110.	1.47	1.0593	.001	1
DCAL5	15000.	14817.	-183.	-1.22	2.0625	.001	1

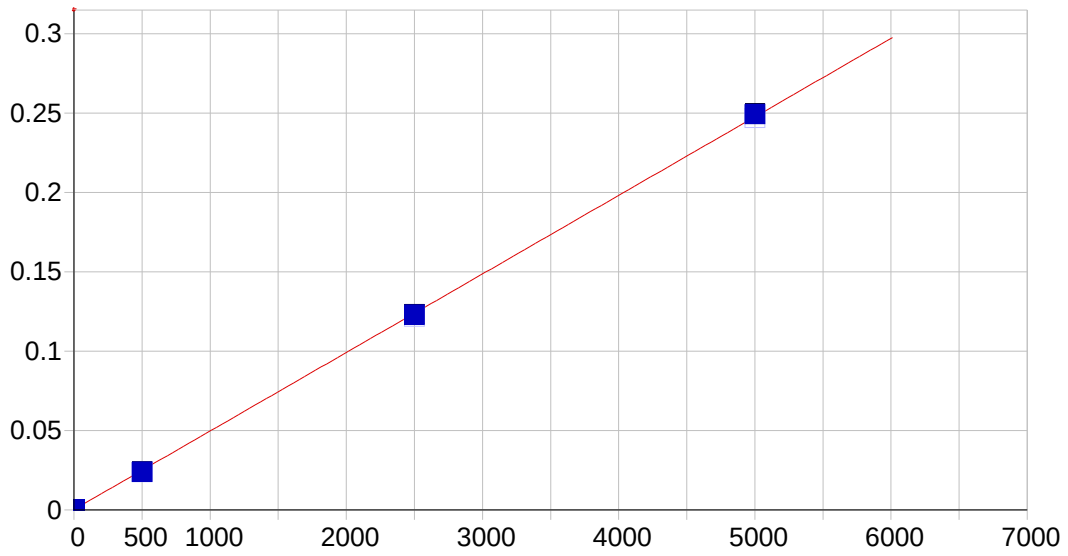


Sb 206.833 {463}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000229	Re-Slope:	1.000000
A1 (Gain):	0.000096	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	1.496430		
Predicted MQL:	4.988099		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00019	-.000	.000	-.00023	.000	1
DCAL2	10.000	10.534	.534	5.34	.00073	.000	1
DCAL3	200.00	193.36	-6.64	-3.32	.01985	.000	1
DCAL4	1000.0	990.94	-9.06	-.906	.10248	.000	1
DCAL5	2000.0	2015.2	15.2	.762	.20842	.000	1

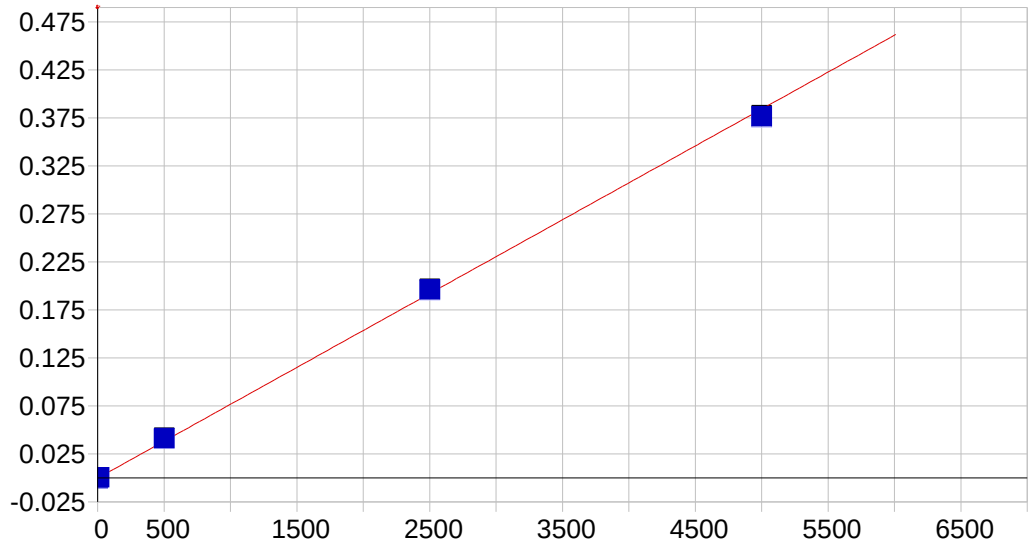


Se 196.090 {472}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000225	Re-Slope:	1.000000
A1 (Gain):	0.000049	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000005		
Predicted MDL:	1.964200		
Predicted MQL:	6.547334		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00016	-.000	.000	.00023	.000	1
DCAL2	5.0000	5.3529	.353	7.06	.00049	.000	1
DCAL3	500.00	480.23	-19.8	-3.95	.02375	.000	1
DCAL4	2500.0	2482.6	-17.4	-.696	.12186	.000	1
DCAL5	5000.0	5036.8	36.8	.737	.24705	.000	1

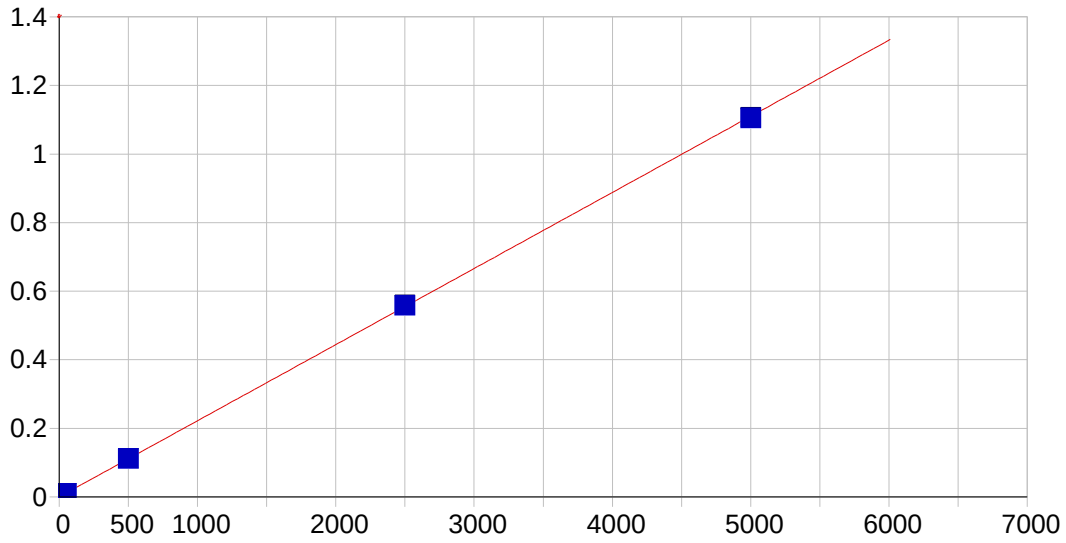


Tl 190.856 {477}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000261	Re-Slope:	1.000000
A1 (Gain):	0.000077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999579	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	1.379755		
Predicted MQL:	4.599182		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00286	-.003	.000	-.00026	.000	1
DCAL2	10.000	12.035	2.04	20.4	.00066	.000	1
DCAL3	500.00	540.17	40.2	8.03	.04112	.000	1
DCAL4	2500.0	2554.5	54.5	2.18	.19542	.000	1
DCAL5	5000.0	4903.3	-96.7	-1.93	.37527	.001	1

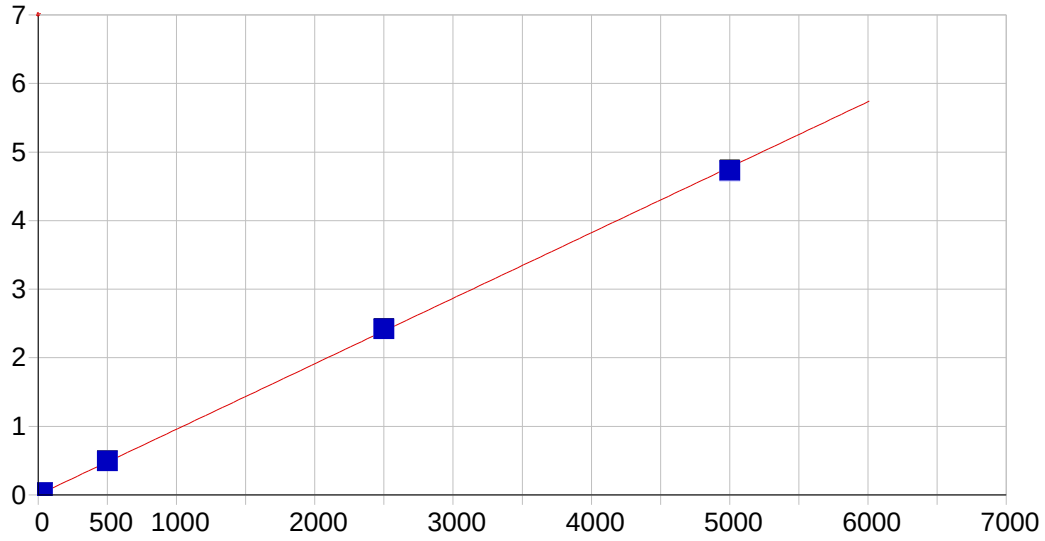


V 292.402 {115}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000134	Re-Slope:	1.000000
A1 (Gain):	0.000222	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.329800		
Predicted MQL:	1.099332		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00103	-.001	.000	.00013	.000	1
DCAL2	50.000	50.671	.671	1.34	.01137	.000	1
DCAL3	500.00	502.34	2.34	.469	.11139	.000	1
DCAL4	2500.0	2515.8	15.8	.632	.55733	.001	1
DCAL5	5000.0	4981.2	-18.8	-.376	1.1033	.001	1

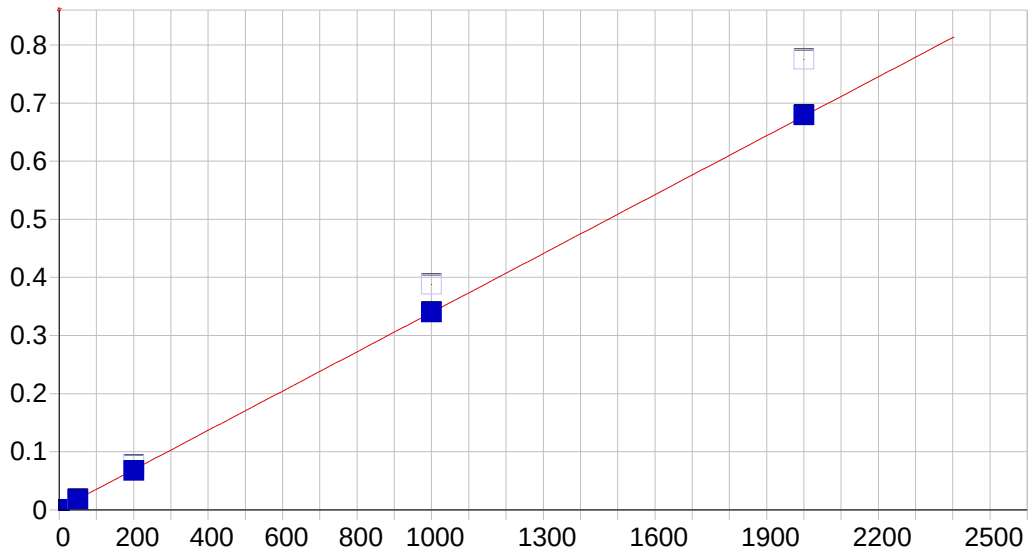


Zn 206.200 {463}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002252	Re-Slope:	1.000000
A1 (Gain):	0.000955	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.000145		
Predicted MDL:	0.149644		
Predicted MQL:	0.498813		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00012	.000	.000	.00225	.000	1
DCAL2	30.000	30.844	.844	2.81	.03186	.000	1
DCAL3	500.00	515.16	15.2	3.03	.49297	.001	1
DCAL4	2500.0	2535.2	35.2	1.41	2.4170	.001	1
DCAL5	5000.0	4949.6	-50.4	-1.01	4.7165	.009	1
DCAL1	10.000	9.2548	-.745	-7.45	.01109	.000	1

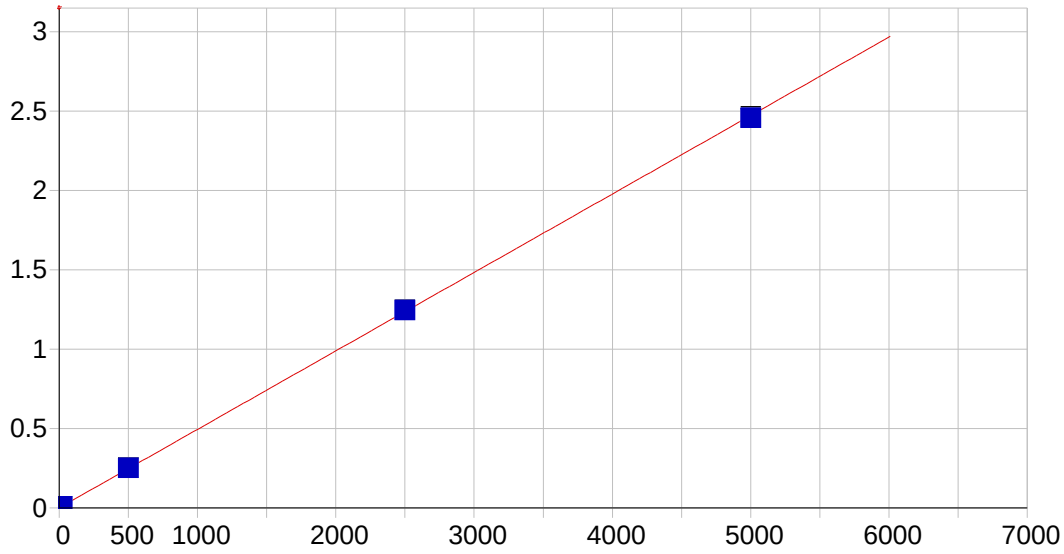


B 208.959 {461}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001714	Re-Slope:	1.000000
A1 (Gain):	0.000338	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999973	Status:	OK.
Std Error of Est:	0.000047		
Predicted MDL:	0.448212		
Predicted MQL:	1.494040		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00297	.003	.000	.00171	.000	1
DCAL2	50.000	48.147	-1.85	-3.71	.01837	.000	1
DCAL3	200.00	194.66	-5.34	-2.67	.07711	.000	1
DCAL4	1000.0	1001.9	1.87	.187	.38833	.001	1
DCAL5	2000.0	2005.1	5.13	.257	.77542	.000	1

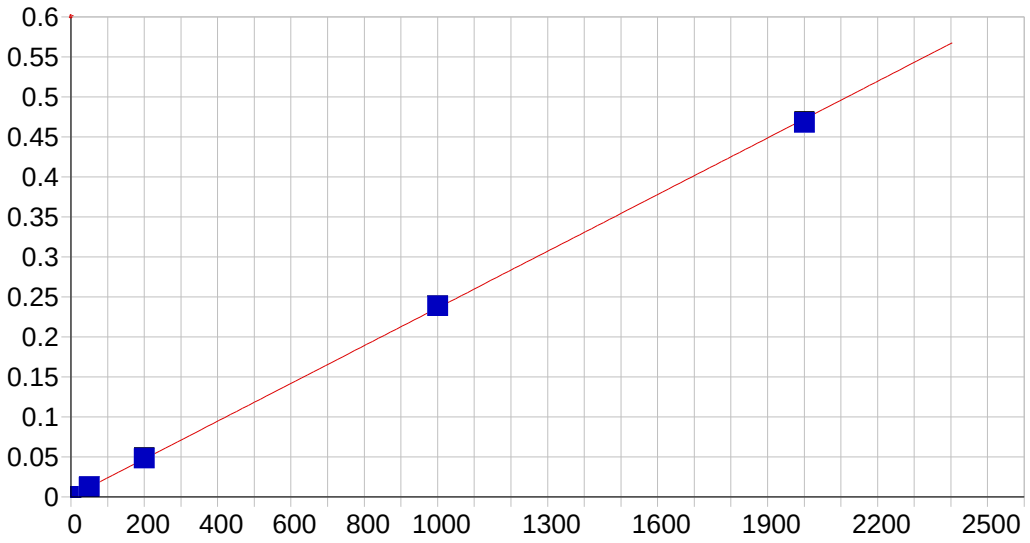


Mo 202.030 {467}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000418	Re-Slope:	1.000000
A1 (Gain):	0.000494	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.226127		
Predicted MQL:	0.753757		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00032	-.000	.000	.00042	.000	1
DCAL2	20.000	19.930	-.070	-.350	.01029	.000	1
DCAL3	500.00	508.38	8.38	1.68	.25189	.001	1
DCAL4	2500.0	2521.0	21.0	.840	1.2475	.001	1
DCAL5	5000.0	4970.7	-29.3	-.586	2.4593	.006	1

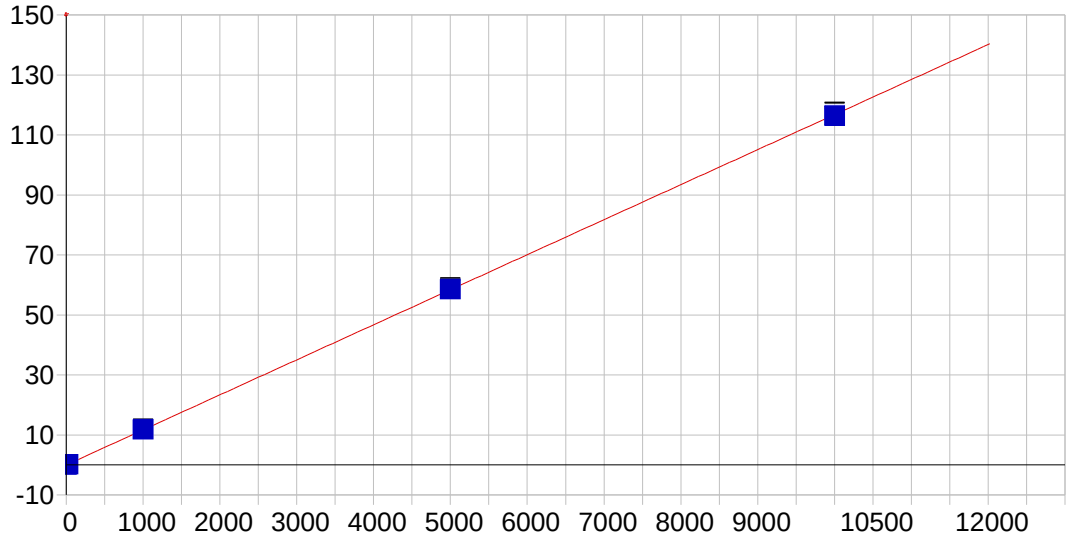


Sn 189.989 {477}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000211	Re-Slope:	1.000000
A1 (Gain):	0.000236	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.439321		
Predicted MQL:	1.464404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00439	-.004	.000	.00021	.000	1
DCAL2	50.000	53.097	3.10	6.19	.01275	.000	1
DCAL3	200.00	204.88	4.88	2.44	.04854	.000	1
DCAL4	1000.0	1011.0	11.0	1.10	.23868	.000	1
DCAL5	2000.0	1981.0	-19.0	-.950	.46746	.001	1

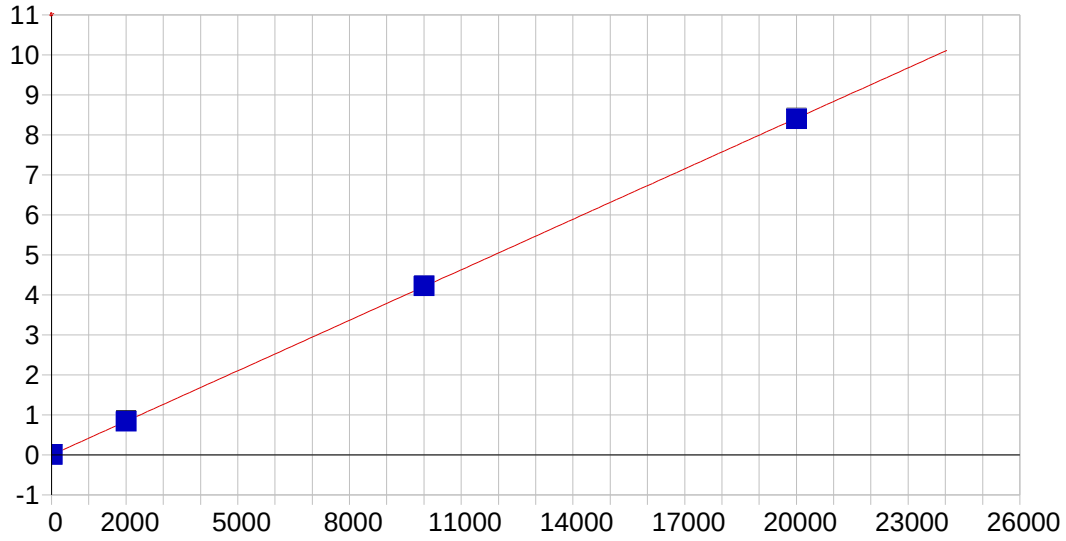


Sr 407.771 { 83}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000083	Re-Slope:	1.000000
A1 (Gain):	0.011677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.001250		
Predicted MDL:	0.054828		
Predicted MQL:	0.182760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00090	-.001	.000	.00007	.000	1
DCAL2	20.000	20.607	.607	3.03	.24112	.001	1
DCAL3	1000.0	1014.7	14.7	1.47	11.866	.006	1
DCAL4	5000.0	5012.7	12.7	.253	58.618	.416	1
DCAL5	10000.	9972.0	-28.0	-.280	116.61	.910	1

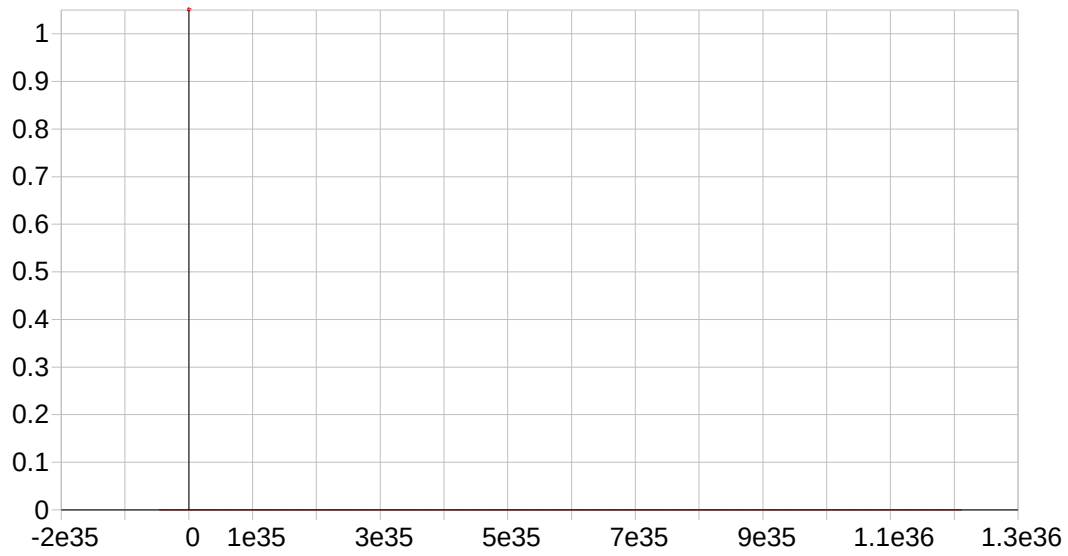


Ti 334.941 {101}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000387	Re-Slope:	1.000000
A1 (Gain):	0.000421	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.802597		
Predicted MQL:	2.675324		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00006	-.000	.000	-.00039	.000	1
DCAL2	20.000	19.987	-.013	-.064	.00803	.000	1
DCAL3	2000.0	2004.2	4.23	.211	.84396	.000	1
DCAL4	10000.	10039.	39.1	.391	4.2289	.005	1
DCAL5	20000.	19957.	-43.3	-.217	8.4071	.006	1

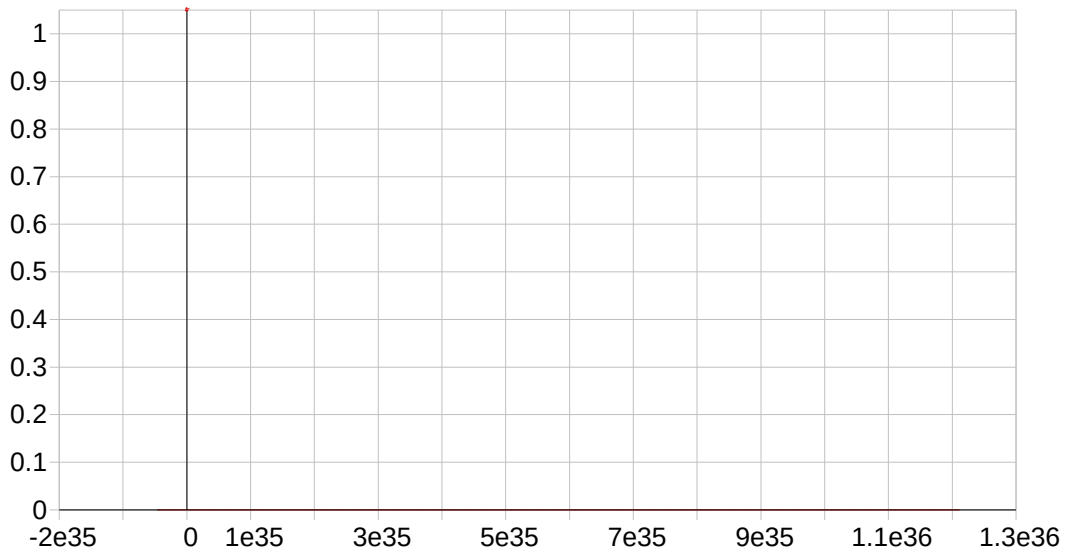


Y 224.306 {450}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	183.492520		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

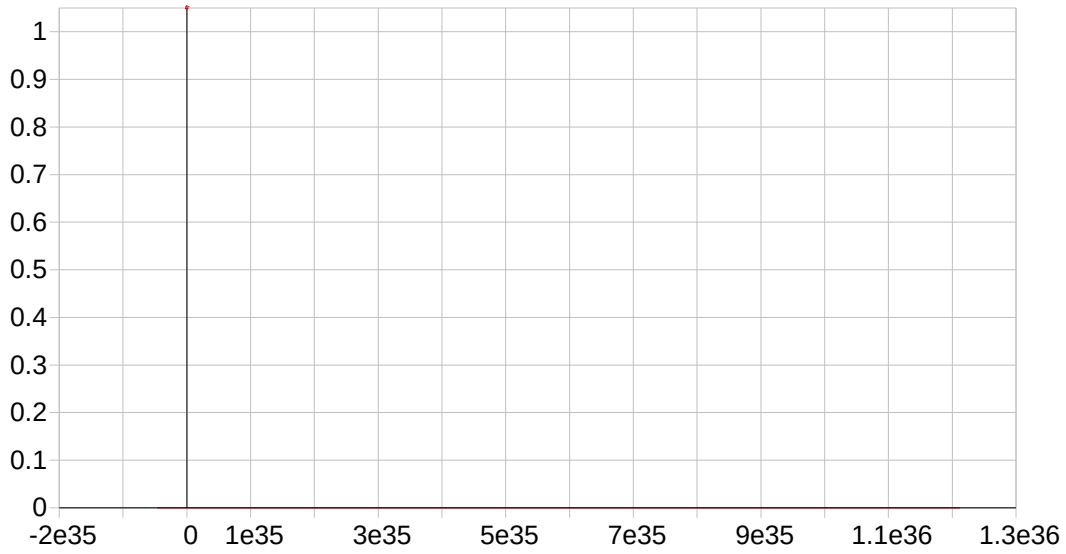


Y 360.073 { 94}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



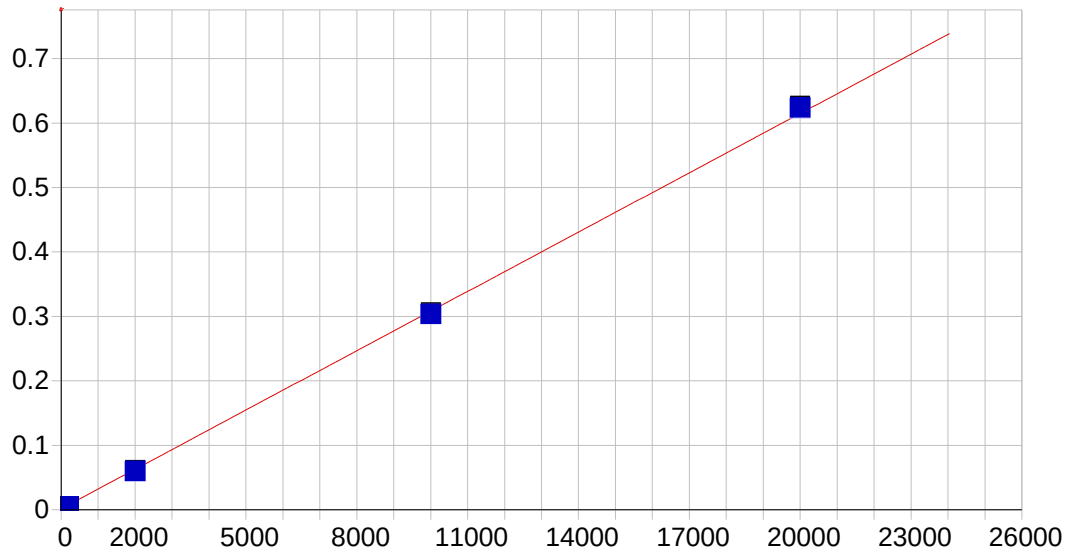
Y 371.030 { 91}*

Date of Fit:	8/9/2013 18:54:28	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	192.759705			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	8/17/2013 10:30:48	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001416	Re-Slope:	1.000000
A1 (Gain):	0.000031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999412	Status:	OK.
Std Error of Est:	0.000109		
Predicted MDL:	14.432745		
Predicted MQL:	48.109151		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.08269	.083	.000	.00142	.000	1
DCAL2	200.00	126.30	-73.7	-36.9	.00529	.001	1
DCAL3	2000.0	1906.6	-93.4	-4.67	.05979	.001	1
DCAL4	10000.	9867.8	-132.	-1.32	.30354	.001	1
DCAL5	20000.	20299.	299.	1.50	.62295	.002	1

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Batch Number: 176604 Batch Start Date: 08/16/13 16:05 Batch Analyst: Esteban, Edgardo A

Batch Method: 3050B Batch End Date: 08/16/13 20:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCS-int 00038	ME_LCSS_77 00007	
MB 460-176604/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-176604/2		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL		1 g	
460-61244-A-2	Post Ex-6B/6'	3050B, 6010B	T	CALC NOT SET TO RUN	1.12 g	50 mL			
460-61244-A-2 DU	Post Ex-6B/6'	3050B, 6010B	T	CALC NOT SET TO RUN	1.13 g	50 mL			
460-61244-A-2 MS	Post Ex-6B/6'	3050B, 6010B	T	CALC NOT SET TO RUN	1.15 g	50 mL	2 mL		
460-61244-A-1	Post Ex-5B/9'	3050B, 6010B	T	CALC NOT SET TO RUN	1.43 g	50 mL			

Batch Notes	
Analyst	Edgardo Esteban
Balance ID	#35
First End time	6:05 P.M.
Hydrogen peroxide lot number	0000021342
Lot # of hydrochloric acid	0000024317
Logbook ID for diluted Nitric	MPR236
Lot # of Nitric Acid	L10022
Hood ID or number	#2
Hot Block ID number	#2
Pipette ID	#25
First Start time	4:05 P.M.
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1 (CF -1)
Digestion Tube/Cup Lot #	J161248-264 (50 ml Dg Tube)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG No.:

Project: 81 East 125th Street

Client Sample ID	Lab Sample ID
Post Ex-5B/9'	460-61244-1
Post Ex-6B/6'	460-61244-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-61244-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/14/2013 16:01 End Date: 08/14/2013 16:01

Lab Sample ID	D/F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
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ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
460-61244-1	1	T	16:01	X	X																		
460-61244-2	1	T	16:01	X	X																		
460-61244-2 DU	1	T	16:01	X	X																		
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				
ZZZZZZ			16:01																				

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-61244-1

SDG No.:

Batch Number: 176186 Batch Start Date: 08/14/13 16:01 Batch Analyst: Armbruster, Chris

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-61244-A-1	Post Ex-5B/9'	Moisture	T	142	1.02 g	6.52 g	5.79 g		
460-61244-A-2	Post Ex-6B/6'	Moisture	T	143	1.02 g	6.26 g	5.26 g		
460-61244-A-2 DU	Post Ex-6B/6'	Moisture	T	144	0.99 g	6.67 g	5.50 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	8/14/13
Oven Temp when samples are put in oven	106 Degrees C
Time samples were place in the oven	16:45
Date samples were removed from oven	8/15/13
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	08:21
Oven ID	2
ID number of the thermometer	N71730
Uncorrected In Temperature	106 Celsius
Uncorrected Out Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice): Wendy Montrossio	Samplers Name (Printed): Joe Gavin	Site/Project Identification: 81 East 125
Company: Roux Associates	P. O. #	State (Location of site): NJ: ☐ NY: ☑ Other:
		Regulatory Program:
Address: 209 Shafter St.	Analysis Turnaround Time: Standard ☐	
City: Islandia State: NY	Rush Chrages Authorized For: 2 Week ☐	
Phone: 631-232-2600 Fax:	1 Week ☒ 5 Day; Other ☐	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 61244

Sample Identification	Date	Time	Matrix	No. of. Cont.	MOD 6010B Copper	Sample Numbers
Post Ex-5B/9'	8/14/13	0900	S	1	X	-1
Post Ex-6B/6'	8/14/13	1000	S	1	X	-2

460-61244 Chain of Custody

5-Day RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: 1
Water:

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1)	Roux	8/14/13 1430	1)	
2)		8/14/13 1517	2)	Edison 1517
3)			3)	8/14/13
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578) IRS - No C.S. 1.0/1.2 -

08/22/2013

Page 1004 of 1006

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 61244

Number of Coolers:	1	IR Gun #	IR1		
Temp. Cooler #1 (Deg C) (Raw/Corrected)	1.0/1.2	Temp. Cooler #4 (Deg C) (Raw/Corrected)		Temp. Cooler #7 (Deg C) (Raw/Corrected)	
Temp. Cooler #2 (Deg C) (Raw/Corrected)		Temp. Cooler #5 (Deg C) (Raw/Corrected)		Temp. Cooler #8 (Deg C) (Raw/Corrected)	
Temp. Cooler #3 (Deg C) (Raw/Corrected)		Temp. Cooler #6 (Deg C) (Raw/Corrected)		Temp. Cooler #9 (Deg C) (Raw/Corrected)	

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative: _____ Expiration Date: _____

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: [illegible] Date: 8/14/13

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-61244-1

Login Number: 61244

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.2°C IR#5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

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ANALYTICAL REPORT

Job Number: 460-60690-1

Job Description: 81 East 125th Street

For:
Roux Associates, Inc.
209 Shafter Street
Islandia, NY 11749-5074

Attention: Ms. Wendy Monterosso

Approved for release.
Janet Mosley
Project Mgmt. Assistant
8/13/2013 1:32 PM

Designee for
Melissa Haas, Project Manager I
128 Long Hill Cross Road, Shelton, CT, 06484
melissa.haas@testamericainc.com
08/13/2013

cc: Mr. Craig Werle

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

TestAmerica Laboratories, Inc.
TestAmerica Edison 777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

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CASE NARRATIVE

Client: Roux Associates, Inc.

Project: 81 East 125th Street

Report Number: 460-60690-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 08/06/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TOTAL METALS
Samples 460-60690-1 through 460-60690-6 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 08/07/2013.

The matrix duplicate %RPD for manganese associated with batch 174803 was outside the control limits.

The matrix spike(MS) recoveries for antimony in batch 174803 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Antimony and Iron failed the recovery criteria low for the MS of sample 460-60692-4 in batch 460-175266. Aluminum and Manganese failed the recovery criteria high.

Refer to the QC report for details.

Manganese exceeded the rpd limit for the duplicate of sample 460-60692-4. Refer to the QC report for details.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-60690-1 through 460-60690-6(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS
Sample 460-60690-7 was analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 08/07/2013 and analyzed on 08/08/2013.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Sample 460-60690-7 was analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 08/07/2013.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-60690-1 through 460-60690-3 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 08/07/2013.

No difficulties were encountered during the Hg analyses.

All quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Samples 460-60690-1 through 460-60690-6 were analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared and analyzed on 08/07/2013 and 08/09/2013.

Surrogate recovery for the following samples were outside the upper control limit: Post Ex-1 / 3' (460-60690-1), Post Ex-2 / 4' (460-60690-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recovery for the following samples were outside the upper control limit: Post Ex-4 / 8' (460-60690-4), Post Ex-5 / 8' (460-60690-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Surrogate recoveries were outside the control limits. (460-60439-2 MSD) Surrogate recoveries for laboratory control sample (LCS) and matrix spike (MS) were within control limits. Data have been qualified and reported.

The continuing calibration verification (CCV) for analytical batch 174875 recovered outside control limits for Heptachlor. samples were non detected for thae analyte. The data have been qualified and reported.

The laboratory control sample duplicate (LCSD) for batch 175267 recovered outside upper control limits for this analyte, Heptachlor on the secondary column. This analyte was biased high in the LCSD and was not detected in the associated samples; therefore, the data have been reported.

Several analytes exceeded the rpd limit for the MSD of sample 460-60439-2 in batch 460-175266. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

ORGANOCHLORINE PESTICIDES

Sample 460-60690-7 was analyzed for organochlorine pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 08/09/2013 and analyzed on 08/11/2013.

Heptachlor failed the recovery criteria high for LCSD 460-175267/3-A. Refer to the QC report for details.

No other difficulties were encountered during the pesticides analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples 460-60690-1 through 460-60690-6 were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 08/07/2013.

No difficulties were encountered during the %solids/moisture analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-60690-1	Post Ex-1 / 3'	Solid	08/05/2013 0940	08/06/2013 0930
460-60690-2	Post Ex-2 / 4'	Solid	08/05/2013 1020	08/06/2013 0930
460-60690-3	Post Ex-3 / 4'	Solid	08/05/2013 1030	08/06/2013 0930
460-60690-4	Post Ex-4 / 8'	Solid	08/05/2013 1340	08/06/2013 0930
460-60690-5	Post Ex-5 / 8'	Solid	08/05/2013 1455	08/06/2013 0930
460-60690-6	Post Ex-6 / 4-5'	Solid	08/05/2013 1530	08/06/2013 0930
460-60690-7FB	FB08052013	Water	08/05/2013 1105	08/06/2013 0930

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-60690-1	**POST EX-1 / 3'**					
Aluminum		3990		40.7	mg/Kg	6010B
Arsenic		1.2		1.0	mg/Kg	6010B
Barium		24.5	J	40.7	mg/Kg	6010B
Beryllium		0.25	J	0.41	mg/Kg	6010B
Calcium		1450		1020	mg/Kg	6010B
Chromium		11.1		2.0	mg/Kg	6010B
Cobalt		3.1	J	10.2	mg/Kg	6010B
Copper		14.3		5.1	mg/Kg	6010B
Iron		7780		30.5	mg/Kg	6010B
Lead		5.3		1.0	mg/Kg	6010B
Magnesium		1840		1020	mg/Kg	6010B
Manganese		124		3.1	mg/Kg	6010B
Nickel		8.1		8.1	mg/Kg	6010B
Potassium		519	J	1020	mg/Kg	6010B
Vanadium		10.8		10.2	mg/Kg	6010B
Zinc		13.8		6.1	mg/Kg	6010B
Mercury		0.032		0.018	mg/Kg	7471A
Percent Moisture		4.6		1.0	%	Moisture
Percent Solids		95.4		1.0	%	Moisture
460-60690-2	**POST EX-2 / 4'**					
Aluminum		3910		43.3	mg/Kg	6010B
Barium		38.3	J	43.3	mg/Kg	6010B
Beryllium		0.20	J	0.43	mg/Kg	6010B
Calcium		1130		1080	mg/Kg	6010B
Chromium		9.2		2.2	mg/Kg	6010B
Cobalt		3.2	J	10.8	mg/Kg	6010B
Copper		17.4		5.4	mg/Kg	6010B
Iron		5970		32.5	mg/Kg	6010B
Lead		4.6		1.1	mg/Kg	6010B
Magnesium		1400		1080	mg/Kg	6010B
Manganese		207		3.2	mg/Kg	6010B
Nickel		6.9	J	8.7	mg/Kg	6010B
Potassium		500	J	1080	mg/Kg	6010B
Vanadium		12.7		10.8	mg/Kg	6010B
Zinc		11.3		6.5	mg/Kg	6010B
Mercury		0.017	J	0.018	mg/Kg	7471A
Percent Moisture		9.4		1.0	%	Moisture
Percent Solids		90.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-60690-3	**POST EX-3 / 4'**					
Aluminum		3830		41.7	mg/Kg	6010B
Arsenic		1.0		1.0	mg/Kg	6010B
Barium		20.4	J	41.7	mg/Kg	6010B
Beryllium		0.31	J	0.42	mg/Kg	6010B
Calcium		431	J	1040	mg/Kg	6010B
Chromium		11.2		2.1	mg/Kg	6010B
Cobalt		2.7	J	10.4	mg/Kg	6010B
Copper		17.3		5.2	mg/Kg	6010B
Iron		7620		31.3	mg/Kg	6010B
Lead		4.1		1.0	mg/Kg	6010B
Magnesium		1520		1040	mg/Kg	6010B
Manganese		90.0		3.1	mg/Kg	6010B
Nickel		6.8	J	8.3	mg/Kg	6010B
Potassium		479	J	1040	mg/Kg	6010B
Vanadium		10.5		10.4	mg/Kg	6010B
Zinc		14.1		6.3	mg/Kg	6010B
Mercury		0.014	J	0.018	mg/Kg	7471A
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
460-60690-4	**POST EX-4 / 8'**					
Copper		25.0		6.1	mg/Kg	6010B
Percent Moisture		20.4		1.0	%	Moisture
Percent Solids		79.6		1.0	%	Moisture
460-60690-5	**POST EX-5 / 8'**					
Silver		0.48	J	2.2	mg/Kg	6010B
Copper		83.9		5.5	mg/Kg	6010B
Zinc		43.9		6.6	mg/Kg	6010B
Percent Moisture		10.7		1.0	%	Moisture
Percent Solids		89.3		1.0	%	Moisture
460-60690-6	**POST EX-6 / 4-5'**					
Copper		105		5.3	mg/Kg	6010B
Lead		30.5		1.1	mg/Kg	6010B
Percent Moisture		13.8		1.0	%	Moisture
Percent Solids		86.2		1.0	%	Moisture

METHOD SUMMARY

Client: Roux Associates, Inc. Job Number: 460-60690-1

Description	Lab Location	Method	Preparation Method
Matrix:			
Matrix: Solid			
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Microwave Extraction	TAL EDI		SW846 3546
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
TAL Metals	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method	Analyst	Analyst ID
SW846 8081A	Foleyson, Temitope S	TSF
SW846 8081A	Kapoor, Sita	SAK
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Staib, Thomas	TJS
SW846 7471A	Sheikh, Razia B	RBS
EPA Moisture	Robinson, Ian	ITR

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-1 / 3'**

Lab Sample ID: 460-60690-1 Date Sampled: 08/05/2013 0940
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2207			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		7.0	U	1.5	7.0
alpha-BHC		7.0	U	1.6	7.0
beta-BHC		7.0	U	1.7	7.0
delta-BHC		7.0	U	1.3	7.0
gamma-BHC (Lindane)		7.0	U	1.3	7.0
Chlordane		70	U	20	70
4,4'-DDD		7.0	U	1.4	7.0
4,4'-DDE		7.0	U	1.4	7.0
4,4'-DDT		7.0	U	1.7	7.0
Dieldrin		7.0	U	1.3	7.0
Endosulfan I		7.0	U	1.6	7.0
Endosulfan II		7.0	U	1.4	7.0
Endosulfan sulfate		7.0	U	1.4	7.0
Endrin		7.0	U	1.7	7.0
Endrin aldehyde		7.0	U	1.0	7.0
Endrin ketone		7.0	U	1.4	7.0
Heptachlor		7.0	U	1.7	7.0
Heptachlor epoxide		7.0	U	1.6	7.0
Methoxychlor		7.0	U	1.7	7.0
Toxaphene		70	U	19	70

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	155	*	37 - 150
DCB Decachlorobiphenyl	169	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-1 / 3'**

Lab Sample ID: 460-60690-1 Date Sampled: 08/05/2013 0940
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2207			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	149		37 - 150
DCB Decachlorobiphenyl	155	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-2 / 4'**

Lab Sample ID: 460-60690-2 Date Sampled: 08/05/2013 1020
Client Matrix: Solid % Moisture: 9.4 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2222			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		7.4	U	1.5	7.4
alpha-BHC		7.4	U	1.7	7.4
beta-BHC		7.4	U	1.8	7.4
delta-BHC		7.4	U	1.3	7.4
gamma-BHC (Lindane)		7.4	U	1.3	7.4
Chlordane		74	U	21	74
4,4'-DDD		7.4	U	1.4	7.4
4,4'-DDE		7.4	U	1.4	7.4
4,4'-DDT		7.4	U	1.8	7.4
Dieldrin		7.4	U	1.3	7.4
Endosulfan I		7.4	U	1.7	7.4
Endosulfan II		7.4	U	1.4	7.4
Endosulfan sulfate		7.4	U	1.4	7.4
Endrin		7.4	U	1.8	7.4
Endrin aldehyde		7.4	U	1.1	7.4
Endrin ketone		7.4	U	1.4	7.4
Heptachlor		7.4	U	1.8	7.4
Heptachlor epoxide		7.4	U	1.7	7.4
Methoxychlor		7.4	U	1.8	7.4
Toxaphene		74	U	20	74

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	187	*	37 - 150
DCB Decachlorobiphenyl	203	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-2 / 4'**

Lab Sample ID: 460-60690-2 Date Sampled: 08/05/2013 1020
Client Matrix: Solid % Moisture: 9.4 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2222			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	178	*	37 - 150
DCB Decachlorobiphenyl	183	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-3 / 4'**

Lab Sample ID: 460-60690-3 Date Sampled: 08/05/2013 1030
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2237			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		7.2	U	1.5	7.2
alpha-BHC		7.2	U	1.6	7.2
beta-BHC		7.2	U	1.7	7.2
delta-BHC		7.2	U	1.3	7.2
gamma-BHC (Lindane)		7.2	U	1.3	7.2
Chlordane		72	U	20	72
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		7.2	U	1.7	7.2
Dieldrin		7.2	U	1.3	7.2
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	74		37 - 150
DCB Decachlorobiphenyl	62		60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-3 / 4'**

Lab Sample ID: 460-60690-3 Date Sampled: 08/05/2013 1030
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-174769	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/07/2013 2237			Injection Volume:	1 uL
Prep Date:	08/07/2013 0355			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64		37 - 150
DCB Decachlorobiphenyl	61		60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-4 / 8'**

Lab Sample ID: 460-60690-4 Date Sampled: 08/05/2013 1340
Client Matrix: Solid % Moisture: 20.4 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1359			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		8.4	U	1.8	8.4
alpha-BHC		8.4	U	1.9	8.4
beta-BHC		8.4	U	2.0	8.4
delta-BHC		8.4	U	1.5	8.4
gamma-BHC (Lindane)		8.4	U	1.5	8.4
Chlordane		84	U	24	84
4,4'-DDD		8.4	U	1.6	8.4
4,4'-DDE		8.4	U	1.6	8.4
4,4'-DDT		8.4	U	2.0	8.4
Dieldrin		8.4	U	1.5	8.4
Endosulfan I		8.4	U	1.9	8.4
Endosulfan II		8.4	U	1.6	8.4
Endosulfan sulfate		8.4	U	1.6	8.4
Endrin		8.4	U	2.0	8.4
Endrin aldehyde		8.4	U	1.3	8.4
Endrin ketone		8.4	U	1.6	8.4
Heptachlor		8.4	U	2.0	8.4
Heptachlor epoxide		8.4	U	1.9	8.4
Methoxychlor		8.4	U	2.0	8.4
Toxaphene		84	U	23	84

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	195	*	37 - 150
DCB Decachlorobiphenyl	195	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-4 / 8'**

Lab Sample ID: 460-60690-4 Date Sampled: 08/05/2013 1340
Client Matrix: Solid % Moisture: 20.4 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1359			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	190	*	37 - 150
DCB Decachlorobiphenyl	188	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-5 / 8'**

Lab Sample ID: 460-60690-5 Date Sampled: 08/05/2013 1455
Client Matrix: Solid % Moisture: 10.7 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1414			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		7.5	U	1.6	7.5
alpha-BHC		7.5	U	1.7	7.5
beta-BHC		7.5	U	1.8	7.5
delta-BHC		7.5	U	1.3	7.5
gamma-BHC (Lindane)		7.5	U	1.3	7.5
Chlordane		75	U	21	75
4,4'-DDD		7.5	U	1.5	7.5
4,4'-DDE		7.5	U	1.5	7.5
4,4'-DDT		7.5	U	1.8	7.5
Dieldrin		7.5	U	1.3	7.5
Endosulfan I		7.5	U	1.7	7.5
Endosulfan II		7.5	U	1.5	7.5
Endosulfan sulfate		7.5	U	1.5	7.5
Endrin		7.5	U	1.8	7.5
Endrin aldehyde		7.5	U	1.1	7.5
Endrin ketone		7.5	U	1.5	7.5
Heptachlor		7.5	U	1.8	7.5
Heptachlor epoxide		7.5	U	1.7	7.5
Methoxychlor		7.5	U	1.8	7.5
Toxaphene		75	U	20	75

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	177	*	37 - 150
DCB Decachlorobiphenyl	172	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-5 / 8'**

Lab Sample ID: 460-60690-5 Date Sampled: 08/05/2013 1455
Client Matrix: Solid % Moisture: 10.7 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1414			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	176	*	37 - 150
DCB Decachlorobiphenyl	166	*	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-6 / 4-5'**

Lab Sample ID: 460-60690-6 Date Sampled: 08/05/2013 1530
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1429			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aldrin		7.8	U	1.6	7.8
alpha-BHC		7.8	U	1.7	7.8
beta-BHC		7.8	U	1.9	7.8
delta-BHC		7.8	U	1.4	7.8
gamma-BHC (Lindane)		7.8	U	1.4	7.8
Chlordane		78	U	22	78
4,4'-DDD		7.8	U	1.5	7.8
4,4'-DDE		7.8	U	1.5	7.8
4,4'-DDT		7.8	U	1.9	7.8
Dieldrin		7.8	U	1.4	7.8
Endosulfan I		7.8	U	1.7	7.8
Endosulfan II		7.8	U	1.5	7.8
Endosulfan sulfate		7.8	U	1.5	7.8
Endrin		7.8	U	1.9	7.8
Endrin aldehyde		7.8	U	1.2	7.8
Endrin ketone		7.8	U	1.5	7.8
Heptachlor		7.8	U	1.9	7.8
Heptachlor epoxide		7.8	U	1.7	7.8
Methoxychlor		7.8	U	1.9	7.8
Toxaphene		78	U	21	78

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	143		37 - 150
DCB Decachlorobiphenyl	142		60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-6 / 4-5'**

Lab Sample ID: 460-60690-6 Date Sampled: 08/05/2013 1530
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175660	Instrument ID:	CPESTGC4
Prep Method:	3546	Prep Batch:	460-175233	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	08/09/2013 1429			Injection Volume:	1 uL
Prep Date:	08/09/2013 0359			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	141		37 - 150
DCB Decachlorobiphenyl	136		60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **FB08052013**

Lab Sample ID: 460-60690-7FB Date Sampled: 08/05/2013 1105
Client Matrix: Water Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-175267	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	08/11/2013 1518			Injection Volume:	1 uL
Prep Date:	08/09/2013 0743			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aldrin	0.050	U	0.038	0.050
alpha-BHC	0.050	U	0.036	0.050
beta-BHC	0.050	U	0.037	0.050
delta-BHC	0.050	U	0.033	0.050
gamma-BHC (Lindane)	0.050	U	0.035	0.050
Chlordane	0.50	U	0.21	0.50
4,4'-DDD	0.050	U	0.036	0.050
4,4'-DDE	0.050	U	0.035	0.050
4,4'-DDT	0.050	U	0.036	0.050
Dieldrin	0.050	U	0.033	0.050
Endosulfan I	0.050	U	0.034	0.050
Endosulfan II	0.050	U	0.035	0.050
Endosulfan sulfate	0.050	U	0.037	0.050
Endrin	0.050	U	0.034	0.050
Endrin aldehyde	0.050	U	0.035	0.050
Endrin ketone	0.050	U	0.037	0.050
Heptachlor	0.050	U	0.037	0.050
Heptachlor epoxide	0.050	U	0.035	0.050
Methoxychlor	0.050	U	0.045	0.050
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	94		49 - 132
DCB Decachlorobiphenyl	59		37 - 144

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **FB08052013**

Lab Sample ID: 460-60690-7FB Date Sampled: 08/05/2013 1105
Client Matrix: Water Date Received: 08/06/2013 0930

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Prep Method:	3510C	Prep Batch:	460-175267	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	08/11/2013 1518			Injection Volume:	1 uL
Prep Date:	08/09/2013 0743			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	101		49 - 132
DCB Decachlorobiphenyl	61		37 - 144

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-1 / 3'**

Lab Sample ID: 460-60690-1 Date Sampled: 08/05/2013 0940
Client Matrix: Solid % Moisture: 4.6 Date Received: 08/06/2013 0930

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	08/07/2013 2223			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		3990		18.5	40.7
Antimony		2.0	U	1.3	2.0
Arsenic		1.2		0.96	1.0
Barium		24.5	J	1.2	40.7
Beryllium		0.25	J	0.15	0.41
Cadmium		1.0	U	0.15	1.0
Calcium		1450		72.0	1020
Chromium		11.1		0.87	2.0
Cobalt		3.1	J	0.87	10.2
Copper		14.3		2.0	5.1
Iron		7780		12.3	30.5
Lead		5.3		0.87	1.0
Magnesium		1840		73.2	1020
Manganese		124		0.90	3.1
Nickel		8.1		0.90	8.1
Potassium		519	J	109	1020
Selenium		2.0	U	1.3	2.0
Silver		2.0	U	0.20	2.0
Sodium		1020	U	161	1020
Thallium		2.0	U	1.1	2.0
Vanadium		10.8		0.78	10.2
Zinc		13.8		1.1	6.1

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-174931	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-174840	Lab File ID:	174840hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	08/07/2013 1704			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 1047				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.032		0.012	0.018

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-2 / 4'**

Lab Sample ID: 460-60690-2 Date Sampled: 08/05/2013 1020
Client Matrix: Solid % Moisture: 9.4 Date Received: 08/06/2013 0930

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	08/07/2013 2227			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		3910		19.7	43.3
Antimony		2.2	U	1.3	2.2
Arsenic		1.1	U	1.0	1.1
Barium		38.3	J	1.2	43.3
Beryllium		0.20	J	0.16	0.43
Cadmium		1.1	U	0.16	1.1
Calcium		1130		76.7	1080
Chromium		9.2		0.93	2.2
Cobalt		3.2	J	0.92	10.8
Copper		17.4		2.1	5.4
Iron		5970		13.1	32.5
Lead		4.6		0.93	1.1
Magnesium		1400		78.0	1080
Manganese		207		0.95	3.2
Nickel		6.9	J	0.95	8.7
Potassium		500	J	116	1080
Selenium		2.2	U	1.4	2.2
Silver		2.2	U	0.22	2.2
Sodium		1080	U	171	1080
Thallium		2.2	U	1.2	2.2
Vanadium		12.7		0.83	10.8
Zinc		11.3		1.2	6.5

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-174931	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-174840	Lab File ID:	174840hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	08/07/2013 1707			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 1047				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	J	0.013	0.018

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-3 / 4'**

Lab Sample ID: 460-60690-3 Date Sampled: 08/05/2013 1030
Client Matrix: Solid % Moisture: 6.9 Date Received: 08/06/2013 0930

6010B TAL Metals

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	08/07/2013 2238			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		3830		19.0	41.7
Antimony		2.1	U	1.3	2.1
Arsenic		1.0		0.98	1.0
Barium		20.4	J	1.2	41.7
Beryllium		0.31	J	0.15	0.42
Cadmium		1.0	U	0.15	1.0
Calcium		431	J	73.9	1040
Chromium		11.2		0.90	2.1
Cobalt		2.7	J	0.89	10.4
Copper		17.3		2.0	5.2
Iron		7620		12.6	31.3
Lead		4.1		0.90	1.0
Magnesium		1520		75.1	1040
Manganese		90.0		0.92	3.1
Nickel		6.8	J	0.92	8.3
Potassium		479	J	112	1040
Selenium		2.1	U	1.4	2.1
Silver		2.1	U	0.21	2.1
Sodium		1040	U	165	1040
Thallium		2.1	U	1.2	2.1
Vanadium		10.5		0.80	10.4
Zinc		14.1		1.1	6.3

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-174931	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-174840	Lab File ID:	174840hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	08/07/2013 1709			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 1047				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.014	J	0.012	0.018

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-4 / 8'**

Lab Sample ID: 460-60690-4 Date Sampled: 08/05/2013 1340
Client Matrix: Solid % Moisture: 20.4 Date Received: 08/06/2013 0930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	08/07/2013 2242			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Copper		25.0		2.4	6.1

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-5 / 8'**

Lab Sample ID: 460-60690-5 Date Sampled: 08/05/2013 1455
Client Matrix: Solid % Moisture: 10.7 Date Received: 08/06/2013 0930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174822	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	08/07/2013 1748			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0856				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		0.48	J	0.22	2.2
Copper		83.9		2.1	5.5
Zinc		43.9		1.2	6.6

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **Post Ex-6 / 4-5'**

Lab Sample ID: 460-60690-6 Date Sampled: 08/05/2013 1530
Client Matrix: Solid % Moisture: 13.8 Date Received: 08/06/2013 0930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-174895	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-174822	Lab File ID:	08072013.asc
Dilution:	4.0			Initial Weight/Volume:	1.09 g
Analysis Date:	08/07/2013 1751			Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0856				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Copper		105		2.1	5.3
Lead		30.5		0.92	1.1

Client: Roux Associates, Inc. Job Number: 460-60690-1

Client Sample ID: **FB08052013**

Lab Sample ID: 460-60690-7FB Date Sampled: 08/05/2013 1105
Client Matrix: Water Date Received: 08/06/2013 0930

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-175179	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-174807	Lab File ID:	08082013A.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	08/08/2013 1057			Final Weight/Volume:	100 mL
Prep Date:	08/07/2013 0836				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-174855	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-174783	Lab File ID:	174783HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	08/07/2013 0956			Final Weight/Volume:	30 mL
Prep Date:	08/07/2013 0540				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.16	0.20

General Chemistry

Client Sample ID: **Post Ex-1 / 3'**

Lab Sample ID: 460-60690-1 Date Sampled: 08/05/2013 0940

Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174940		Analysis Date: 08/07/2013 1901				DryWt Corrected: N
Percent Solids	95.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174940		Analysis Date: 08/07/2013 1901				DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-2 / 4'**

Lab Sample ID: 460-60690-2 Date Sampled: 08/05/2013 1020

Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174940		Analysis Date: 08/07/2013 1901				DryWt Corrected: N
Percent Solids	90.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174940		Analysis Date: 08/07/2013 1901				DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-3 / 4'**

Lab Sample ID: 460-60690-3 Date Sampled: 08/05/2013 1030

Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-174940	Analysis Date: 08/07/2013 1901						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-174940	Analysis Date: 08/07/2013 1901						DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-4 / 8'**

Lab Sample ID: 460-60690-4 Date Sampled: 08/05/2013 1340

Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913		Analysis Date: 08/07/2013 1625				DryWt Corrected: N
Percent Solids	79.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913		Analysis Date: 08/07/2013 1625				DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-5 / 8'**

Lab Sample ID: 460-60690-5 Date Sampled: 08/05/2013 1455
Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913	Analysis Date: 08/07/2013 1625					DryWt Corrected: N
Percent Solids	89.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913	Analysis Date: 08/07/2013 1625					DryWt Corrected: N

General Chemistry

Client Sample ID: **Post Ex-6 / 4-5'**

Lab Sample ID: 460-60690-6 Date Sampled: 08/05/2013 1530
Client Matrix: Solid Date Received: 08/06/2013 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913	Analysis Date: 08/07/2013 1625					DryWt Corrected: N
Percent Solids	86.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-174913	Analysis Date: 08/07/2013 1625					DryWt Corrected: N

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-60690-1	Post Ex-1 / 3'	155*	149	169*	155*
460-60690-2	Post Ex-2 / 4'	187*	178*	203*	183*
460-60690-3	Post Ex-3 / 4'	74	64	62	61
460-60690-4	Post Ex-4 / 8'	190*	195*	188*	195*
460-60690-5	Post Ex-5 / 8'	176*	177*	166*	172*
460-60690-6	Post Ex-6 / 4-5'	141	143	136	142
MB 460-174769/1-A		128	129	146	129
MB 460-175233/1-A		112	118	112	117
LCS 460-174769/2-A		120	122	129	121
LCS 460-175233/2-A		118	125	112	117

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	37-150
DCB = DCB Decachlorobiphenyl	60-150

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-60690-7	FB08052013	94	101	59	61
MB 460-175267/1-A		96	103	73	75
LCS 460-175267/2-A		105	104	77	80
LCSD 460-175267/3-A		108	107	79	82

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	49-132
DCB = DCB Decachlorobiphenyl	37-144

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174769

Method: 8081A
Preparation: 3546

Lab Sample ID:	MB 460-174769/1-A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-174769	Lab File ID:	WR715519.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2013 1721	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/07/2013 0355			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	6.7	U	1.4	6.7
alpha-BHC	6.7	U	1.5	6.7
beta-BHC	6.7	U	1.6	6.7
delta-BHC	6.7	U	1.2	6.7
gamma-BHC (Lindane)	6.7	U	1.2	6.7
Chlordane	67	U	19	67
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Dieldrin	6.7	U	1.2	6.7
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	129	37 - 150
DCB Decachlorobiphenyl	146	60 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	128	37 - 150
DCB Decachlorobiphenyl	129	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Control Sample - Batch: 460-174769 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-174769/2-A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-174769	Lab File ID:	WR715520.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2013 1737	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/07/2013 0355			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	123	93	69 - 138	
alpha-BHC	133	113	85	68 - 133	
beta-BHC	133	114	85	67 - 137	
delta-BHC	133	117	88	65 - 141	
gamma-BHC (Lindane)	133	114	86	68 - 134	
4,4'-DDD	133	127	95	69 - 150	
4,4'-DDE	133	120	90	70 - 147	
4,4'-DDT	133	118	88	63 - 146	
Dieldrin	133	110	83	63 - 129	
Endosulfan I	133	127	95	69 - 140	
Endosulfan II	133	119	89	66 - 136	
Endosulfan sulfate	133	115	86	65 - 137	
Endrin	133	121	90	67 - 142	
Endrin aldehyde	133	121	91	67 - 134	
Endrin ketone	133	123	93	68 - 146	
Heptachlor	133	131	99	67 - 136	
Heptachlor epoxide	133	122	92	68 - 136	
Methoxychlor	133	109	81	52 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	122	37 - 150
DCB Decachlorobiphenyl	129	60 - 150

Lab Control Sample - Batch: 460-174769 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-174769/2-A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-174769	Lab File ID:	WR715520.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2013 1737	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/07/2013 0355			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	116	87	69 - 138	
alpha-BHC	133	113	85	68 - 133	
beta-BHC	133	113	84	67 - 137	
delta-BHC	133	115	86	65 - 141	
gamma-BHC (Lindane)	133	113	85	68 - 134	
4,4'-DDD	133	120	90	69 - 150	
4,4'-DDE	133	113	85	70 - 147	
4,4'-DDT	133	108	81	63 - 146	
Dieldrin	133	103	78	63 - 129	
Endosulfan I	133	113	85	69 - 140	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Lab Control Sample - Batch: 460-174769

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 460-174769/2-A	Analysis Batch:	460-174875	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-174769	Lab File ID:	WR715520.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/07/2013 1737	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/07/2013 0355			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	111	83	66 - 136	
Endosulfan sulfate	133	110	82	65 - 137	
Endrin	133	114	86	67 - 142	
Endrin aldehyde	133	114	86	67 - 134	
Endrin ketone	133	114	86	68 - 146	
Heptachlor	133	125	94	67 - 136	
Heptachlor epoxide	133	110	83	68 - 136	
Methoxychlor	133	103	77	52 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	120	37 - 150
DCB Decachlorobiphenyl	121	60 - 150

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-175233

Method: 8081A
Preparation: 3546

Lab Sample ID:	MB 460-175233/1-A	Analysis Batch:	460-175266	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-175233	Lab File ID:	WR715610.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/09/2013 1021	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/09/2013 0359			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	6.7	U	1.4	6.7
alpha-BHC	6.7	U	1.5	6.7
beta-BHC	6.7	U	1.6	6.7
delta-BHC	6.7	U	1.2	6.7
gamma-BHC (Lindane)	6.7	U	1.2	6.7
Chlordane	67	U	19	67
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Dieldrin	6.7	U	1.2	6.7
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	118	37 - 150
DCB Decachlorobiphenyl	117	60 - 150

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	112	37 - 150
DCB Decachlorobiphenyl	112	60 - 150

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Control Sample - Batch: 460-175233 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-175233/2-A	Analysis Batch:	460-175266	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-175233	Lab File ID:	WR715616.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/09/2013 1151	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/09/2013 0359			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	128	96	69 - 138	
alpha-BHC	133	125	94	68 - 133	
beta-BHC	133	121	91	67 - 137	
delta-BHC	133	122	91	65 - 141	
gamma-BHC (Lindane)	133	124	93	68 - 134	
4,4'-DDD	133	123	92	69 - 150	
4,4'-DDE	133	124	93	70 - 147	
4,4'-DDT	133	118	89	63 - 146	
Dieldrin	133	109	82	63 - 129	
Endosulfan I	133	118	89	69 - 140	
Endosulfan II	133	113	85	66 - 136	
Endosulfan sulfate	133	117	88	65 - 137	
Endrin	133	121	91	67 - 142	
Endrin aldehyde	133	118	88	67 - 134	
Endrin ketone	133	121	90	68 - 146	
Heptachlor	133	124	93	67 - 136	
Heptachlor epoxide	133	118	88	68 - 136	
Methoxychlor	133	118	88	52 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	125	37 - 150
DCB Decachlorobiphenyl	117	60 - 150

Lab Control Sample - Batch: 460-175233 **Method: 8081A**
Preparation: 3546

Lab Sample ID:	LCS 460-175233/2-A	Analysis Batch:	460-175266	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-175233	Lab File ID:	WR715616.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/09/2013 1151	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/09/2013 0359			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aldrin	133	123	92	69 - 138	
alpha-BHC	133	121	91	68 - 133	
beta-BHC	133	119	89	67 - 137	
delta-BHC	133	120	90	65 - 141	
gamma-BHC (Lindane)	133	122	91	68 - 134	
4,4'-DDD	133	121	91	69 - 150	
4,4'-DDE	133	121	91	70 - 147	
4,4'-DDT	133	114	86	63 - 146	
Dieldrin	133	108	81	63 - 129	
Endosulfan I	133	115	86	69 - 140	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Lab Control Sample - Batch: 460-175233

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 460-175233/2-A	Analysis Batch:	460-175266	Instrument ID:	CPESTGC4
Client Matrix:	Solid	Prep Batch:	460-175233	Lab File ID:	WR715616.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	08/09/2013 1151	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	08/09/2013 0359			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endosulfan II	133	113	85	66 - 136	
Endosulfan sulfate	133	117	87	65 - 137	
Endrin	133	121	91	67 - 142	
Endrin aldehyde	133	117	88	67 - 134	
Endrin ketone	133	120	90	68 - 146	
Heptachlor	133	124	93	67 - 136	
Heptachlor epoxide	133	116	87	68 - 136	
Methoxychlor	133	112	84	52 - 150	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	118	37 - 150
DCB Decachlorobiphenyl	112	60 - 150

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-175267

Method: 8081A
Preparation: 3510C

Lab Sample ID:	MB 460-175267/1-A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-175267	Lab File ID:	QR096483.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	08/11/2013 1431	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	08/09/2013 0743			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aldrin	0.050	U	0.038	0.050
alpha-BHC	0.050	U	0.036	0.050
beta-BHC	0.050	U	0.037	0.050
delta-BHC	0.050	U	0.033	0.050
gamma-BHC (Lindane)	0.050	U	0.035	0.050
Chlordane	0.50	U	0.21	0.50
4,4'-DDD	0.050	U	0.036	0.050
4,4'-DDE	0.050	U	0.035	0.050
4,4'-DDT	0.050	U	0.036	0.050
Dieldrin	0.050	U	0.033	0.050
Endosulfan I	0.050	U	0.034	0.050
Endosulfan II	0.050	U	0.035	0.050
Endosulfan sulfate	0.050	U	0.037	0.050
Endrin	0.050	U	0.034	0.050
Endrin aldehyde	0.050	U	0.035	0.050
Endrin ketone	0.050	U	0.037	0.050
Heptachlor	0.050	U	0.037	0.050
Heptachlor epoxide	0.050	U	0.035	0.050
Methoxychlor	0.050	U	0.045	0.050
Toxaphene	0.50	U	0.34	0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	96	49 - 132
DCB Decachlorobiphenyl	73	37 - 144

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	103	49 - 132
DCB Decachlorobiphenyl	75	37 - 144

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-175267

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-175267/2-A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-175267	Lab File ID:	QR096484.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	08/11/2013 1447	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	08/09/2013 0743			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-175267/3-A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-175267	Lab File ID:	QR096485.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	08/11/2013 1502	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	08/09/2013 0743			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	110	113	61 - 122	3	30		
alpha-BHC	113	117	63 - 122	3	30		
beta-BHC	108	110	64 - 119	2	30		
delta-BHC	96	100	62 - 124	5	30		
gamma-BHC (Lindane)	113	117	59 - 121	3	30		
4,4'-DDD	116	119	68 - 136	2	30		
4,4'-DDE	115	117	66 - 132	2	30		
4,4'-DDT	120	123	66 - 132	2	30		
Dieldrin	103	104	62 - 112	2	30		
Endosulfan I	113	115	64 - 123	2	30		
Endosulfan II	105	108	63 - 116	3	30		
Endosulfan sulfate	104	107	56 - 121	3	30		
Endrin	110	111	42 - 138	1	30		
Endrin aldehyde	106	109	56 - 119	3	30		
Endrin ketone	116	121	62 - 125	4	30		
Heptachlor	115	121	61 - 118	6	30		*
Heptachlor epoxide	109	111	64 - 120	2	30		
Methoxychlor	113	116	56 - 125	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	105	108	49 - 132
DCB Decachlorobiphenyl	77	79	37 - 144

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-175267

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-175267/2-A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-175267	Lab File ID:	QR096484.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	08/11/2013 1447	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	08/09/2013 0743			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-175267/3-A	Analysis Batch:	460-175563	Instrument ID:	CPESTGC8
Client Matrix:	Water	Prep Batch:	460-175267	Lab File ID:	QR096485.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	125 mL
Analysis Date:	08/11/2013 1502	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	08/09/2013 0743			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aldrin	106	109	61 - 122	3	30		
alpha-BHC	101	104	63 - 122	3	30		
beta-BHC	104	107	64 - 119	3	30		
delta-BHC	94	97	62 - 124	3	30		
gamma-BHC (Lindane)	105	108	59 - 121	3	30		
4,4'-DDD	114	118	68 - 136	3	30		
4,4'-DDE	111	115	66 - 132	3	30		
4,4'-DDT	110	113	66 - 132	3	30		
Dieldrin	101	104	62 - 112	3	30		
Endosulfan I	110	114	64 - 123	3	30		
Endosulfan II	105	107	63 - 116	2	30		
Endosulfan sulfate	103	106	56 - 121	3	30		
Endrin	108	110	42 - 138	2	30		
Endrin aldehyde	103	107	56 - 119	3	30		
Endrin ketone	106	110	62 - 125	3	30		
Heptachlor	110	114	61 - 118	4	30		
Heptachlor epoxide	107	110	64 - 120	3	30		
Methoxychlor	108	111	56 - 125	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	104	107	49 - 132
DCB Decachlorobiphenyl	80	82	37 - 144

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-175267

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-175267/2-A	Units: ug/L	
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	08/11/2013 1447		
Prep Date:	08/09/2013 0743		
Leach Date:	N/A		

LCSD Lab Sample ID:	LCSD 460-175267/3-A
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	08/11/2013 1502
Prep Date:	08/09/2013 0743
Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual	
Aldrin	1.60	1.60	1.76	1.80	
alpha-BHC	1.60	1.60	1.81	1.86	
beta-BHC	1.60	1.60	1.72	1.77	
delta-BHC	1.60	1.60	1.53	1.60	
gamma-BHC (Lindane)	1.60	1.60	1.81	1.87	
4,4'-DDD	1.60	1.60	1.86	1.90	
4,4'-DDE	1.60	1.60	1.84	1.87	
4,4'-DDT	1.60	1.60	1.92	1.96	
Dieldrin	1.60	1.60	1.64	1.67	
Endosulfan I	1.60	1.60	1.81	1.84	
Endosulfan II	1.60	1.60	1.68	1.73	
Endosulfan sulfate	1.60	1.60	1.67	1.71	
Endrin	1.60	1.60	1.76	1.78	
Endrin aldehyde	1.60	1.60	1.70	1.75	
Endrin ketone	1.60	1.60	1.86	1.93	
Heptachlor	1.60	1.60	1.83	1.94	*
Heptachlor epoxide	1.60	1.60	1.74	1.78	
Methoxychlor	1.60	1.60	1.81	1.86	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-175267

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-175267/2-A	Units:	ug/L
Client Matrix:	Water		
Dilution:	1.0		
Analysis Date:	08/11/2013 1447		
Prep Date:	08/09/2013 0743		
Leach Date:	N/A		

LCSD Lab Sample ID:	LCSD 460-175267/3-A
Client Matrix:	Water
Dilution:	1.0
Analysis Date:	08/11/2013 1502
Prep Date:	08/09/2013 0743
Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Aldrin	1.60	1.60	1.69	1.75
alpha-BHC	1.60	1.60	1.62	1.67
beta-BHC	1.60	1.60	1.67	1.71
delta-BHC	1.60	1.60	1.50	1.55
gamma-BHC (Lindane)	1.60	1.60	1.67	1.72
4,4'-DDD	1.60	1.60	1.83	1.88
4,4'-DDE	1.60	1.60	1.78	1.84
4,4'-DDT	1.60	1.60	1.76	1.81
Dieldrin	1.60	1.60	1.61	1.67
Endosulfan I	1.60	1.60	1.77	1.82
Endosulfan II	1.60	1.60	1.68	1.72
Endosulfan sulfate	1.60	1.60	1.64	1.70
Endrin	1.60	1.60	1.73	1.76
Endrin aldehyde	1.60	1.60	1.66	1.71
Endrin ketone	1.60	1.60	1.70	1.75
Heptachlor	1.60	1.60	1.77	1.83
Heptachlor epoxide	1.60	1.60	1.71	1.76
Methoxychlor	1.60	1.60	1.72	1.78

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174803

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-174803/1-A ^2	Analysis Batch:	460-174895	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/07/2013 2113	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	9.1	20.0
Antimony	1.0	U	0.62	1.0
Arsenic	0.50	U	0.47	0.50
Barium	20.0	U	0.57	20.0
Beryllium	0.20	U	0.072	0.20
Cadmium	0.50	U	0.074	0.50
Calcium	500	U	35.4	500
Chromium	1.0	U	0.43	1.0
Cobalt	5.0	U	0.43	5.0
Copper	2.5	U	0.97	2.5
Iron	15.0	U	6.1	15.0
Lead	0.50	U	0.43	0.50
Magnesium	500	U	36.0	500
Manganese	1.5	U	0.44	1.5
Nickel	4.0	U	0.44	4.0
Potassium	500	U	53.5	500
Selenium	1.0	U	0.66	1.0
Silver	1.0	U	0.10	1.0
Sodium	500	U	79.0	500
Thallium	1.0	U	0.57	1.0
Vanadium	5.0	U	0.38	5.0
Zinc	3.0	U	0.54	3.0

Client: Roux Associates, Inc.

Job Number: 460-60690-1

LCS-Certified Reference Material - Batch: 460-174803

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-174895	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-174803	Lab File ID:	08072013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	08/07/2013 2102	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0824				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	9310	7955	85.4	43.3 - 156.8	
Antimony	120	194.2	161.8	20.8 - 252.5	
Arsenic	168	156.7	93.3	70.8 - 129.8	
Barium	213	211.0	99.1	73.2 - 126.8	
Beryllium	110	105.6	96.0	75.1 - 125.5	
Cadmium	103	97.94	95.1	73.0 - 126.2	
Calcium	6870	6482	94.4	74.4 - 125.8	
Chromium	119	120.4	101.2	69.7 - 129.4	
Cobalt	131	131.7	100.6	74.4 - 125.2	
Copper	118	114.1	96.7	74.6 - 124.6	
Iron	13000	14040	108.0	32.2 - 167.7	
Lead	76.9	77.47	100.7	68.7 - 131.3	
Magnesium	2780	2551	91.8	65.1 - 135.3	
Manganese	338	345.1	102.1	75.4 - 125.1	
Nickel	70.0	71.08	101.5	70.9 - 129.0	
Potassium	3130	2861	91.4	62.9 - 136.7	
Selenium	126	117.2	93.0	66.7 - 134.1	
Silver	42.3	39.55	93.5	66.2 - 134.0	
Sodium	350	319.8	91.4	42.9 - 156.9	J
Thallium	208	219.2	105.4	69.2 - 130.8	
Vanadium	87.1	86.71	99.5	63.1 - 136.6	
Zinc	276	267.6	97.0	71.4 - 128.6	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174807

Method: 6010B
Preparation: 3010A

Lab Sample ID:	MB 460-174807/1-A	Analysis Batch:	460-175179	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-174807	Lab File ID:	08082013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/08/2013 1111	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/07/2013 0836				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	72.1	200
Antimony	10.0	U	7.4	10.0
Arsenic	5.0	U	3.7	5.0
Barium	200	U	5.9	200
Beryllium	2.0	U	0.78	2.0
Cadmium	5.0	U	0.82	5.0
Calcium	5000	U	305	5000
Chromium	10.0	U	4.5	10.0
Cobalt	50.0	U	4.3	50.0
Copper	25.0	U	7.8	25.0
Iron	150	U	73.6	150
Lead	5.0	U	4.0	5.0
Magnesium	5000	U	321	5000
Manganese	15.0	U	4.3	15.0
Nickel	40.0	U	5.0	40.0
Potassium	5000	U	525	5000
Selenium	10.0	U	5.8	10.0
Silver	10.0	U	1.3	10.0
Sodium	5000	U	821	5000
Thallium	10.0	U	5.2	10.0
Vanadium	50.0	U	4.0	50.0
Zinc	30.0	U	5.8	30.0

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Lab Control Sample - Batch: 460-174807

Method: 6010B
Preparation: 3010A

Lab Sample ID:	LCS 460-174807/2-A	Analysis Batch:	460-175179	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-174807	Lab File ID:	08082013A.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	08/08/2013 1100	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	08/07/2013 0836				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1957	98	80 - 120	
Antimony	500	440.4	88	80 - 120	
Arsenic	2000	1895	95	80 - 120	
Barium	2000	2050	103	80 - 120	
Beryllium	50.0	50.20	100	80 - 120	
Cadmium	50.0	50.49	101	80 - 120	
Calcium	20000	19970	100	80 - 120	
Chromium	200	202.6	101	80 - 120	
Cobalt	500	506.2	101	80 - 120	
Copper	250	243.1	97	80 - 120	
Iron	1000	1037	104	80 - 120	
Lead	500	517.6	104	80 - 120	
Magnesium	20000	19530	98	80 - 120	
Manganese	500	515.8	103	80 - 120	
Nickel	500	517.3	103	80 - 120	
Potassium	20000	19140	96	80 - 120	
Selenium	2000	1896	95	80 - 120	
Silver	50.0	47.81	96	80 - 120	
Sodium	20000	20090	100	80 - 120	
Thallium	2000	2165	108	80 - 120	
Vanadium	500	481.5	96	80 - 120	
Zinc	500	507.1	101	80 - 120	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174822

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 460-174822/1-A ^2	Analysis Batch:	460-174895	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-174822	Lab File ID:	08072013.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	08/07/2013 1646	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0856				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Copper	2.5	U	0.97	2.5
Lead	0.50	U	0.43	0.50
Silver	1.0	U	0.10	1.0
Zinc	3.0	U	0.54	3.0

LCS-Certified Reference Material - Batch: 460-174822

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCSSRM	Analysis Batch:	460-174895	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-174822	Lab File ID:	08072013.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	08/07/2013 1635	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 0856				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Copper	118	107.5	91.1	74.6 - 124.6	
Lead	76.9	73.22	95.2	68.7 - 131.3	
Silver	42.3	36.76	86.9	66.2 - 134.0	
Zinc	276	252.4	91.5	71.4 - 128.6	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174783

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-174783/11-A	Analysis Batch:	460-174855	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-174783	Lab File ID:	174783HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/07/2013 0931	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/07/2013 0540				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.16	0.20

Lab Control Sample - Batch: 460-174783

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-174783/12-A	Analysis Batch:	460-174855	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-174783	Lab File ID:	174783HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	08/07/2013 0933	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	08/07/2013 0540				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.875	88	80 - 120	

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Method Blank - Batch: 460-174840

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 460-174840/1-A	Analysis Batch:	460-174931	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-174840	Lab File ID:	174840hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/07/2013 1627	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 1047				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-174840

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCSSRM	Analysis Batch:	460-174931	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-174840	Lab File ID:	174840hg1.PRN
Dilution:	100	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	08/07/2013 1629	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	08/07/2013 1047				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	25.1	23.17	92.3	51.4 - 148.2	

DATA REPORTING QUALIFIERS

Client: Roux Associates, Inc. Job Number: 460-60690-1

Lab Section	Qualifier	Description
GC Semi VOA		
	U	Analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
Metals		
	U	Indicates analyzed for but not detected.
	J	Sample result is greater than the MDL but below the CRDL

Client: Roux Associates, Inc. Job Number: 460-60690-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-174769					
LCS 460-174769/2-A	Lab Control Sample	T	Solid	3546	
MB 460-174769/1-A	Method Blank	T	Solid	3546	
460-60690-1	Post Ex-1 / 3'	T	Solid	3546	
460-60690-2	Post Ex-2 / 4'	T	Solid	3546	
460-60690-3	Post Ex-3 / 4'	T	Solid	3546	
Analysis Batch:460-174875					
LCS 460-174769/2-A	Lab Control Sample	T	Solid	8081A	460-174769
MB 460-174769/1-A	Method Blank	T	Solid	8081A	460-174769
460-60690-1	Post Ex-1 / 3'	T	Solid	8081A	460-174769
460-60690-2	Post Ex-2 / 4'	T	Solid	8081A	460-174769
460-60690-3	Post Ex-3 / 4'	T	Solid	8081A	460-174769
Analysis Batch:460-175030					
				8081A	
Prep Batch: 460-175233					
LCS 460-175233/2-A	Lab Control Sample	T	Solid	3546	
MB 460-175233/1-A	Method Blank	T	Solid	3546	
460-60690-4	Post Ex-4 / 8'	T	Solid	3546	
460-60690-5	Post Ex-5 / 8'	T	Solid	3546	
460-60690-6	Post Ex-6 / 4-5'	T	Solid	3546	
Analysis Batch:460-175266					
LCS 460-175233/2-A	Lab Control Sample	T	Solid	8081A	460-175233
MB 460-175233/1-A	Method Blank	T	Solid	8081A	460-175233
Prep Batch: 460-175267					
LCS 460-175267/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-175267/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-175267/1-A	Method Blank	T	Water	3510C	
460-60690-7FB	FB08052013	T	Water	3510C	
Analysis Batch:460-175563					
LCS 460-175267/2-A	Lab Control Sample	T	Water	8081A	460-175267
LCSD 460-175267/3-A	Lab Control Sample Duplicate	T	Water	8081A	460-175267
MB 460-175267/1-A	Method Blank	T	Water	8081A	460-175267
460-60690-7FB	FB08052013	T	Water	8081A	460-175267
Analysis Batch:460-175660					
460-60690-4	Post Ex-4 / 8'	T	Solid	8081A	460-175233
460-60690-5	Post Ex-5 / 8'	T	Solid	8081A	460-175233
460-60690-6	Post Ex-6 / 4-5'	T	Solid	8081A	460-175233

Client: Roux Associates, Inc.

Job Number: 460-60690-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch

Report Basis

T = Total

Client: Roux Associates, Inc. Job Number: 460-60690-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-174783					
LCS 460-174783/12-A	Lab Control Sample	T	Water	7470A	
MB 460-174783/11-A	Method Blank	T	Water	7470A	
460-60690-7FB	FB08052013	T	Water	7470A	
Prep Batch: 460-174803					
LCSSRM 460-174803/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-174803/1-A ^2	Method Blank	T	Solid	3050B	
460-60690-1	Post Ex-1 / 3'	T	Solid	3050B	
460-60690-2	Post Ex-2 / 4'	T	Solid	3050B	
460-60690-3	Post Ex-3 / 4'	T	Solid	3050B	
460-60690-4	Post Ex-4 / 8'	T	Solid	3050B	
Prep Batch: 460-174807					
LCS 460-174807/2-A	Lab Control Sample	T	Water	3010A	
MB 460-174807/1-A	Method Blank	T	Water	3010A	
460-60690-7FB	FB08052013	T	Water	3010A	
Prep Batch: 460-174822					
LCSSRM 460-174822/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-174822/1-A ^2	Method Blank	T	Solid	3050B	
460-60690-5	Post Ex-5 / 8'	T	Solid	3050B	
460-60690-6	Post Ex-6 / 4-5'	T	Solid	3050B	
Prep Batch: 460-174840					
LCSSRM 460-174840/2-A	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-174840/1-A	Method Blank	T	Solid	7471A	
460-60690-1	Post Ex-1 / 3'	T	Solid	7471A	
460-60690-2	Post Ex-2 / 4'	T	Solid	7471A	
460-60690-3	Post Ex-3 / 4'	T	Solid	7471A	
Analysis Batch:460-174855					
LCS 460-174783/12-A	Lab Control Sample	T	Water	7470A	460-174783
MB 460-174783/11-A	Method Blank	T	Water	7470A	460-174783
460-60690-7FB	FB08052013	T	Water	7470A	460-174783

Client: Roux Associates, Inc. Job Number: 460-60690-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-174895					
LCSSRM 460-174803/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-174803
MB 460-174803/1-A ^2	Method Blank	T	Solid	6010B	460-174803
LCSSRM 460-174822/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-174822
MB 460-174822/1-A ^2	Method Blank	T	Solid	6010B	460-174822
460-60690-1	Post Ex-1 / 3'	T	Solid	6010B	460-174803
460-60690-2	Post Ex-2 / 4'	T	Solid	6010B	460-174803
460-60690-3	Post Ex-3 / 4'	T	Solid	6010B	460-174803
460-60690-4	Post Ex-4 / 8'	T	Solid	6010B	460-174803
460-60690-5	Post Ex-5 / 8'	T	Solid	6010B	460-174822
460-60690-6	Post Ex-6 / 4-5'	T	Solid	6010B	460-174822
Analysis Batch:460-174931					
LCSSRM 460-174840/2-A	LCS-Certified Reference Material	T	Solid	7471A	460-174840
MB 460-174840/1-A	Method Blank	T	Solid	7471A	460-174840
460-60690-1	Post Ex-1 / 3'	T	Solid	7471A	460-174840
460-60690-2	Post Ex-2 / 4'	T	Solid	7471A	460-174840
460-60690-3	Post Ex-3 / 4'	T	Solid	7471A	460-174840
Analysis Batch:460-175179					
LCS 460-174807/2-A	Lab Control Sample	T	Water	6010B	460-174807
MB 460-174807/1-A	Method Blank	T	Water	6010B	460-174807
460-60690-7FB	FB08052013	T	Water	6010B	460-174807

Report Basis
T = Total

General Chemistry				
Analysis Batch:460-174913				
460-60690-4	Post Ex-4 / 8'	T	Solid	Moisture
460-60690-5	Post Ex-5 / 8'	T	Solid	Moisture
460-60690-6	Post Ex-6 / 4-5'	T	Solid	Moisture
Analysis Batch:460-174940				
460-60690-1	Post Ex-1 / 3'	T	Solid	Moisture
460-60690-2	Post Ex-2 / 4'	T	Solid	Moisture
460-60690-3	Post Ex-3 / 4'	T	Solid	Moisture

Report Basis
T = Total

Client: Roux Associates, Inc. Job Number: 460-60690-1

Laboratory Chronicle

Lab ID: **460-60690-1** **Client ID:** **Post Ex-1 / 3'**

Sample Date/Time: 08/05/2013 09:40 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-1-A		460-174875	460-174769	08/07/2013 03:55	1	TAL EDI	ARA
A:8081A	460-60690-A-1-A		460-174875	460-174769	08/07/2013 22:07	1	TAL EDI	SAK
P:3050B	460-60690-A-1-B ^4		460-174895	460-174803	08/07/2013 08:24	4	TAL EDI	MDC
A:6010B	460-60690-A-1-B ^4		460-174895	460-174803	08/07/2013 22:23	4	TAL EDI	CDC
P:7471A	460-60690-A-1-C		460-174931	460-174840	08/07/2013 10:47	1	TAL EDI	RBS
A:7471A	460-60690-A-1-C		460-174931	460-174840	08/07/2013 17:04	1	TAL EDI	RBS
A:Moisture	460-60690-A-1		460-174940		08/07/2013 19:01	1	TAL EDI	ITR

Lab ID: **460-60690-2** **Client ID:** **Post Ex-2 / 4'**

Sample Date/Time: 08/05/2013 10:20 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-2-A		460-174875	460-174769	08/07/2013 03:55	1	TAL EDI	ARA
A:8081A	460-60690-A-2-A		460-174875	460-174769	08/07/2013 22:22	1	TAL EDI	SAK
P:3050B	460-60690-A-2-B ^4		460-174895	460-174803	08/07/2013 08:24	4	TAL EDI	MDC
A:6010B	460-60690-A-2-B ^4		460-174895	460-174803	08/07/2013 22:27	4	TAL EDI	CDC
P:7471A	460-60690-A-2-C		460-174931	460-174840	08/07/2013 10:47	1	TAL EDI	RBS
A:7471A	460-60690-A-2-C		460-174931	460-174840	08/07/2013 17:07	1	TAL EDI	RBS
A:Moisture	460-60690-A-2		460-174940		08/07/2013 19:01	1	TAL EDI	ITR

Lab ID: **460-60690-3** **Client ID:** **Post Ex-3 / 4'**

Sample Date/Time: 08/05/2013 10:30 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-3-A		460-174875	460-174769	08/07/2013 03:55	1	TAL EDI	ARA
A:8081A	460-60690-A-3-A		460-174875	460-174769	08/07/2013 22:37	1	TAL EDI	SAK
P:3050B	460-60690-A-3-B ^4		460-174895	460-174803	08/07/2013 08:24	4	TAL EDI	MDC
A:6010B	460-60690-A-3-B ^4		460-174895	460-174803	08/07/2013 22:38	4	TAL EDI	CDC
P:7471A	460-60690-A-3-C		460-174931	460-174840	08/07/2013 10:47	1	TAL EDI	RBS
A:7471A	460-60690-A-3-C		460-174931	460-174840	08/07/2013 17:09	1	TAL EDI	RBS
A:Moisture	460-60690-A-3		460-174940		08/07/2013 19:01	1	TAL EDI	ITR

Lab ID: **460-60690-4** **Client ID:** **Post Ex-4 / 8'**

Sample Date/Time: 08/05/2013 13:40 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-4-B		460-175660	460-175233	08/09/2013 03:59	1	TAL EDI	ARA
A:8081A	460-60690-A-4-B		460-175660	460-175233	08/09/2013 13:59	1	TAL EDI	SAK
P:3050B	460-60690-A-4-A ^4		460-174895	460-174803	08/07/2013 08:24	4	TAL EDI	MDC
A:6010B	460-60690-A-4-A ^4		460-174895	460-174803	08/07/2013 22:42	4	TAL EDI	CDC
A:Moisture	460-60690-A-4		460-174913		08/07/2013 16:25	1	TAL EDI	ITR

Client: Roux Associates, Inc. Job Number: 460-60690-1

Laboratory Chronicle

Lab ID: **460-60690-5** **Client ID:** **Post Ex-5 / 8'**

Sample Date/Time: 08/05/2013 14:55 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-5-B		460-175660	460-175233	08/09/2013 03:59	1	TAL EDI	ARA
A:8081A	460-60690-A-5-B		460-175660	460-175233	08/09/2013 14:14	1	TAL EDI	SAK
P:3050B	460-60690-A-5-A ^4		460-174895	460-174822	08/07/2013 08:56	4	TAL EDI	MDC
A:6010B	460-60690-A-5-A ^4		460-174895	460-174822	08/07/2013 17:48	4	TAL EDI	CDC
A:Moisture	460-60690-A-5		460-174913		08/07/2013 16:25	1	TAL EDI	ITR

Lab ID: **460-60690-6** **Client ID:** **Post Ex-6 / 4-5'**

Sample Date/Time: 08/05/2013 15:30 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-60690-A-6-B		460-175660	460-175233	08/09/2013 03:59	1	TAL EDI	ARA
A:8081A	460-60690-A-6-B		460-175660	460-175233	08/09/2013 14:29	1	TAL EDI	SAK
P:3050B	460-60690-A-6-A ^4		460-174895	460-174822	08/07/2013 08:56	4	TAL EDI	MDC
A:6010B	460-60690-A-6-A ^4		460-174895	460-174822	08/07/2013 17:51	4	TAL EDI	CDC
A:Moisture	460-60690-A-6		460-174913		08/07/2013 16:25	1	TAL EDI	ITR

Lab ID: **460-60690-7** **Client ID:** **FB08052013**

Sample Date/Time: 08/05/2013 11:05 Received Date/Time: 08/06/2013 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	460-60690-B-7-A		460-175563	460-175267	08/09/2013 07:43	1	TAL EDI	HAW
A:8081A	460-60690-B-7-A		460-175563	460-175267	08/11/2013 15:18	1	TAL EDI	TSF
P:3010A	460-60690-C-7-B		460-175179	460-174807	08/07/2013 08:36	1	TAL EDI	QZY
A:6010B	460-60690-C-7-B		460-175179	460-174807	08/08/2013 10:57	1	TAL EDI	CDC
P:7470A	460-60690-C-7-A		460-174855	460-174783	08/07/2013 05:40	1	TAL EDI	TJS
A:7470A	460-60690-C-7-A		460-174855	460-174783	08/07/2013 09:56	1	TAL EDI	TJS

Client: Roux Associates, Inc. Job Number: 460-60690-1

Laboratory Chronicle

Lab ID: **MB** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	MB 460-174769/1-A		460-174875	460-174769	08/07/2013 03:55	1	TAL EDI	ARA
A:8081A	MB 460-174769/1-A		460-174875	460-174769	08/07/2013 17:21	1	TAL EDI	SAK
P:3546	MB 460-175233/1-A		460-175266	460-175233	08/09/2013 03:59	1	TAL EDI	ARA
A:8081A	MB 460-175233/1-A		460-175266	460-175233	08/09/2013 10:21	1	TAL EDI	SAK
P:3510C	MB 460-175267/1-A		460-175563	460-175267	08/09/2013 07:43	1	TAL EDI	HAW
A:8081A	MB 460-175267/1-A		460-175563	460-175267	08/11/2013 14:31	1	TAL EDI	TSF
P:3050B	MB 460-174822/1-A ^2		460-174895	460-174822	08/07/2013 08:56	2	TAL EDI	MDC
A:6010B	MB 460-174822/1-A ^2		460-174895	460-174822	08/07/2013 16:46	2	TAL EDI	CDC
P:3050B	MB 460-174803/1-A ^2		460-174895	460-174803	08/07/2013 08:24	2	TAL EDI	MDC
A:6010B	MB 460-174803/1-A ^2		460-174895	460-174803	08/07/2013 21:13	2	TAL EDI	CDC
P:3010A	MB 460-174807/1-A		460-175179	460-174807	08/07/2013 08:36	1	TAL EDI	QZY
A:6010B	MB 460-174807/1-A		460-175179	460-174807	08/08/2013 11:11	1	TAL EDI	CDC
P:7470A	MB 460-174783/11-A		460-174855	460-174783	08/07/2013 05:40	1	TAL EDI	TJS
A:7470A	MB 460-174783/11-A		460-174855	460-174783	08/07/2013 09:31	1	TAL EDI	TJS
P:7471A	MB 460-174840/1-A		460-174931	460-174840	08/07/2013 10:47	1	TAL EDI	RBS
A:7471A	MB 460-174840/1-A		460-174931	460-174840	08/07/2013 16:27	1	TAL EDI	RBS

Lab ID: **LCS** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	LCS 460-174769/2-A		460-174875	460-174769	08/07/2013 03:55	1	TAL EDI	ARA
A:8081A	LCS 460-174769/2-A		460-174875	460-174769	08/07/2013 17:37	1	TAL EDI	SAK
P:3546	LCS 460-175233/2-A		460-175266	460-175233	08/09/2013 03:59	1	TAL EDI	ARA
A:8081A	LCS 460-175233/2-A		460-175266	460-175233	08/09/2013 11:51	1	TAL EDI	SAK
P:3510C	LCS 460-175267/2-A		460-175563	460-175267	08/09/2013 07:43	1	TAL EDI	HAW
A:8081A	LCS 460-175267/2-A		460-175563	460-175267	08/11/2013 14:47	1	TAL EDI	TSF
P:3010A	LCS 460-174807/2-A		460-175179	460-174807	08/07/2013 08:36	1	TAL EDI	QZY
A:6010B	LCS 460-174807/2-A		460-175179	460-174807	08/08/2013 11:00	1	TAL EDI	CDC
P:7470A	LCS 460-174783/12-A		460-174855	460-174783	08/07/2013 05:40	1	TAL EDI	TJS
A:7470A	LCS 460-174783/12-A		460-174855	460-174783	08/07/2013 09:33	1	TAL EDI	TJS

Lab ID: **LCSD** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD 460-175267/3-A		460-175563	460-175267	08/09/2013 07:43	1	TAL EDI	HAW
A:8081A	LCSD 460-175267/3-A		460-175563	460-175267	08/11/2013 15:02	1	TAL EDI	TSF

Client: Roux Associates, Inc. Job Number: 460-60690-1

Laboratory Chronicle

Lab ID: **LCSSRM** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	LCSSRM 460-174822/2-A ^4		460-174895	460-174822	08/07/2013 08:56	4	TAL EDI	MDC
A:6010B	LCSSRM 460-174822/2-A ^4		460-174895	460-174822	08/07/2013 16:35	4	TAL EDI	CDC
P:3050B	LCSSRM 460-174803/2-A ^4		460-174895	460-174803	08/07/2013 08:24	4	TAL EDI	MDC
A:6010B	LCSSRM 460-174803/2-A ^4		460-174895	460-174803	08/07/2013 21:02	4	TAL EDI	CDC
P:7471A	LCSSRM 460-174840/2-A ^100		460-174931	460-174840	08/07/2013 10:47	100	TAL EDI	RBS
A:7471A	LCSSRM 460-174840/2-A ^100		460-174931	460-174840	08/07/2013 16:29	100	TAL EDI	RBS

Lab References:
TAL EDI = TestAmerica Edison

Method 8081A

Organochlorine Pesticides (GC) by Method 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1	#	TCX2	#	DCB1	#	DCB2	#
Post Ex-1 / 3'	460-60690-1	155	*	149		169	*	155	*
Post Ex-2 / 4'	460-60690-2	187	*	178	*	203	*	183	*
Post Ex-3 / 4'	460-60690-3	74		64		62		61	
Post Ex-4 / 8'	460-60690-4	190	*	195	*	188	*	195	*
Post Ex-5 / 8'	460-60690-5	176	*	177	*	166	*	172	*
Post Ex-6 / 4-5'	460-60690-6	141		143		136		142	
	MB 460-174769/1-A	128		129		146		129	
	MB 460-175233/1-A	112		118		112		117	
	LCS 460-174769/2-A	120		122		129		121	
	LCS 460-175233/2-A	118		125		112		117	

	QC LIMITS
TCX = Tetrachloro-m-xylene	37-150
DCB = DCB Decachlorobiphenyl	60-150

Column to be used to flag recovery values

FORM II 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
FB08052013	460-60690-7	94	101	59	61
	MB 460-175267/1-A	96	103	73	75
	LCS 460-175267/2-A	105	104	77	80
	LCSD 460-175267/3-A	108	107	79	82

	QC LIMITS
TCX = Tetrachloro-m-xylene	49-132
DCB = DCB Decachlorobiphenyl	37-144

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR715520.D

Lab ID: LCS 460-174769/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	116	87	69-138	
Aldrin	133	123	93	69-138	
alpha-BHC	133	113	85	68-133	
alpha-BHC	133	113	85	68-133	
beta-BHC	133	113	84	67-137	
beta-BHC	133	114	85	67-137	
delta-BHC	133	115	86	65-141	
delta-BHC	133	117	88	65-141	
gamma-BHC (Lindane)	133	113	85	68-134	
gamma-BHC (Lindane)	133	114	86	68-134	
4,4'-DDD	133	120	90	69-150	
4,4'-DDD	133	127	95	69-150	
4,4'-DDE	133	113	85	70-147	
4,4'-DDE	133	120	90	70-147	
4,4'-DDT	133	108	81	63-146	
4,4'-DDT	133	118	88	63-146	
Dieldrin	133	103	78	63-129	
Dieldrin	133	110	83	63-129	
Endosulfan I	133	113	85	69-140	
Endosulfan I	133	127	95	69-140	
Endosulfan II	133	111	83	66-136	
Endosulfan II	133	119	89	66-136	
Endosulfan sulfate	133	110	82	65-137	
Endosulfan sulfate	133	115	86	65-137	
Endrin	133	114	86	67-142	
Endrin	133	121	90	67-142	
Endrin aldehyde	133	114	86	67-134	
Endrin aldehyde	133	121	91	67-134	
Endrin ketone	133	114	86	68-146	
Endrin ketone	133	123	93	68-146	
Heptachlor	133	131	99	67-136	
Heptachlor	133	125	94	67-136	
Heptachlor epoxide	133	110	83	68-136	
Heptachlor epoxide	133	122	92	68-136	
Methoxychlor	133	103	77	52-150	
Methoxychlor	133	109	81	52-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: WR715616.D

Lab ID: LCS 460-175233/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aldrin	133	123	92	69-138	
Aldrin	133	128	96	69-138	
alpha-BHC	133	125	94	68-133	
alpha-BHC	133	121	91	68-133	
beta-BHC	133	119	89	67-137	
beta-BHC	133	121	91	67-137	
delta-BHC	133	122	91	65-141	
delta-BHC	133	120	90	65-141	
gamma-BHC (Lindane)	133	124	93	68-134	
gamma-BHC (Lindane)	133	122	91	68-134	
4,4'-DDD	133	123	92	69-150	
4,4'-DDD	133	121	91	69-150	
4,4'-DDE	133	121	91	70-147	
4,4'-DDE	133	124	93	70-147	
4,4'-DDT	133	118	89	63-146	
4,4'-DDT	133	114	86	63-146	
Dieldrin	133	109	82	63-129	
Dieldrin	133	108	81	63-129	
Endosulfan I	133	118	89	69-140	
Endosulfan I	133	115	86	69-140	
Endosulfan II	133	113	85	66-136	
Endosulfan II	133	113	85	66-136	
Endosulfan sulfate	133	117	87	65-137	
Endosulfan sulfate	133	117	88	65-137	
Endrin	133	121	91	67-142	
Endrin	133	121	91	67-142	
Endrin aldehyde	133	118	88	67-134	
Endrin aldehyde	133	117	88	67-134	
Endrin ketone	133	120	90	68-146	
Endrin ketone	133	121	90	68-146	
Heptachlor	133	124	93	67-136	
Heptachlor	133	124	93	67-136	
Heptachlor epoxide	133	116	87	68-136	
Heptachlor epoxide	133	118	88	68-136	
Methoxychlor	133	112	84	52-150	
Methoxychlor	133	118	88	52-150	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Water Level: Low Lab File ID: QR096484.D

Lab ID: LCS 460-175267/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Aldrin	1.60	1.76	110	61-122	
Aldrin	1.60	1.69	106	61-122	
alpha-BHC	1.60	1.81	113	63-122	
alpha-BHC	1.60	1.62	101	63-122	
beta-BHC	1.60	1.72	108	64-119	
beta-BHC	1.60	1.67	104	64-119	
delta-BHC	1.60	1.53	96	62-124	
delta-BHC	1.60	1.50	94	62-124	
gamma-BHC (Lindane)	1.60	1.81	113	59-121	
gamma-BHC (Lindane)	1.60	1.67	105	59-121	
4,4'-DDD	1.60	1.86	116	68-136	
4,4'-DDD	1.60	1.83	114	68-136	
4,4'-DDE	1.60	1.84	115	66-132	
4,4'-DDE	1.60	1.78	111	66-132	
4,4'-DDT	1.60	1.92	120	66-132	
4,4'-DDT	1.60	1.76	110	66-132	
Dieldrin	1.60	1.64	103	62-112	
Dieldrin	1.60	1.61	101	62-112	
Endosulfan I	1.60	1.81	113	64-123	
Endosulfan I	1.60	1.77	110	64-123	
Endosulfan II	1.60	1.68	105	63-116	
Endosulfan II	1.60	1.68	105	63-116	
Endosulfan sulfate	1.60	1.67	104	56-121	
Endosulfan sulfate	1.60	1.64	103	56-121	
Endrin	1.60	1.76	110	42-138	
Endrin	1.60	1.73	108	42-138	
Endrin aldehyde	1.60	1.70	106	56-119	
Endrin aldehyde	1.60	1.66	103	56-119	
Endrin ketone	1.60	1.86	116	62-125	
Endrin ketone	1.60	1.70	106	62-125	
Heptachlor	1.60	1.83	115	61-118	
Heptachlor	1.60	1.77	110	61-118	
Heptachlor epoxide	1.60	1.74	109	64-120	
Heptachlor epoxide	1.60	1.71	107	64-120	
Methoxychlor	1.60	1.81	113	56-125	
Methoxychlor	1.60	1.72	108	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Matrix: Water Level: Low Lab File ID: QR096485.D

Lab ID: LCSD 460-175267/3-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aldrin	1.60	1.80	113	3	30	61-122	
Aldrin	1.60	1.75	109	3	30	61-122	
alpha-BHC	1.60	1.86	117	3	30	63-122	
alpha-BHC	1.60	1.67	104	3	30	63-122	
beta-BHC	1.60	1.77	110	2	30	64-119	
beta-BHC	1.60	1.71	107	3	30	64-119	
delta-BHC	1.60	1.60	100	5	30	62-124	
delta-BHC	1.60	1.55	97	3	30	62-124	
gamma-BHC (Lindane)	1.60	1.87	117	3	30	59-121	
gamma-BHC (Lindane)	1.60	1.72	108	3	30	59-121	
4,4'-DDD	1.60	1.90	119	2	30	68-136	
4,4'-DDD	1.60	1.88	118	3	30	68-136	
4,4'-DDE	1.60	1.87	117	2	30	66-132	
4,4'-DDE	1.60	1.84	115	3	30	66-132	
4,4'-DDT	1.60	1.96	123	2	30	66-132	
4,4'-DDT	1.60	1.81	113	3	30	66-132	
Dieldrin	1.60	1.67	104	2	30	62-112	
Dieldrin	1.60	1.67	104	3	30	62-112	
Endosulfan I	1.60	1.84	115	2	30	64-123	
Endosulfan I	1.60	1.82	114	3	30	64-123	
Endosulfan II	1.60	1.72	107	2	30	63-116	
Endosulfan II	1.60	1.73	108	3	30	63-116	
Endosulfan sulfate	1.60	1.71	107	3	30	56-121	
Endosulfan sulfate	1.60	1.70	106	3	30	56-121	
Endrin	1.60	1.78	111	1	30	42-138	
Endrin	1.60	1.76	110	2	30	42-138	
Endrin aldehyde	1.60	1.75	109	3	30	56-119	
Endrin aldehyde	1.60	1.71	107	3	30	56-119	
Endrin ketone	1.60	1.93	121	4	30	62-125	
Endrin ketone	1.60	1.75	110	3	30	62-125	
Heptachlor	1.60	1.94	121	6	30	61-118	*
Heptachlor	1.60	1.83	114	4	30	61-118	
Heptachlor epoxide	1.60	1.78	111	2	30	64-120	
Heptachlor epoxide	1.60	1.76	110	3	30	64-120	
Methoxychlor	1.60	1.86	116	3	30	56-125	
Methoxychlor	1.60	1.78	111	3	30	56-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: MB 460-174769/1-A

Matrix: Solid Date Extracted: 08/07/2013 03:55

Lab File ID:(1) WR715519.D Lab File ID:(2) WR715519.D

Date Analyzed:(1) 08/07/2013 17:21 Date Analyzed:(2) 08/07/2013 17:21

Instrument ID:(1) CPESTGC4 Instrument ID:(2) CPESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-174769/2-A	08/07/2013 17:37	08/07/2013 17:37
Post Ex-1 / 3'	460-60690-1	08/07/2013 22:07	08/07/2013 22:07
Post Ex-2 / 4'	460-60690-2	08/07/2013 22:22	08/07/2013 22:22
Post Ex-3 / 4'	460-60690-3	08/07/2013 22:37	08/07/2013 22:37

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: MB 460-175233/1-A

Matrix: Solid Date Extracted: 08/09/2013 03:59

Lab File ID:(1) WR715610.D Lab File ID:(2) WR715610.D

Date Analyzed:(1) 08/09/2013 10:21 Date Analyzed:(2) 08/09/2013 10:21

Instrument ID:(1) CPESTGC4 Instrument ID:(2) CPESTGC4

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-175233/2-A	08/09/2013 11:51	08/09/2013 11:51
Post Ex-4 / 8'	460-60690-4	08/09/2013 13:59	08/09/2013 13:59
Post Ex-5 / 8'	460-60690-5	08/09/2013 14:14	08/09/2013 14:14
Post Ex-6 / 4-5'	460-60690-6	08/09/2013 14:29	08/09/2013 14:29

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: MB 460-175267/1-A

Matrix: Water Date Extracted: 08/09/2013 07:43

Lab File ID:(1) QR096483.D Lab File ID:(2) QR096483.D

Date Analyzed:(1) 08/11/2013 14:31 Date Analyzed:(2) 08/11/2013 14:31

Instrument ID:(1) CPESTGC8 Instrument ID:(2) CPESTGC8

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-175267/2-A	08/11/2013 14:47	08/11/2013 14:47
	LCSD 460-175267/3-A	08/11/2013 15:02	08/11/2013 15:02
FB08052013	460-60690-7	08/11/2013 15:18	08/11/2013 15:18

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Sample No.: CCVRT 460-175266/5 Date Analyzed: 08/09/2013 09:55

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): WR715609.D Heated Purge: (Y/N) N

Calibration ID: 27302

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.32	9.82	
UPPER LIMIT				2.42	9.92	
LOWER LIMIT				2.22	9.72	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-175266/5		08/09/2013 09:55	WR715609.D	2.32	9.82	
MB 460-175233/1-A		08/09/2013 10:21	WR715610.D	2.34	9.84	
LCS 460-175233/2-A		08/09/2013 11:51	WR715616.D	2.33	9.83	
CCV 460-175266/18		08/09/2013 13:21	WR715622.D	2.32	9.83	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Sample No.: CCVRT 460-175266/5 Date Analyzed: 08/09/2013 09:55

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): WR715609.D Heated Purge: (Y/N) N

Calibration ID: 27303

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.83	8.78	
UPPER LIMIT				1.93	8.88	
LOWER LIMIT				1.73	8.68	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-175266/5		08/09/2013 09:55	WR715609.D	1.83	8.78	
MB 460-175233/1-A		08/09/2013 10:21	WR715610.D	1.82	8.78	
LCS 460-175233/2-A		08/09/2013 11:51	WR715616.D	1.82	8.78	
CCV 460-175266/18		08/09/2013 13:21	WR715622.D	1.81	8.78	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.1 minutes of surrogate RT
DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-174769/2-A

Instrument ID (1): CPESTGC4 Instrument ID (2): CPESTGC4

Date Analyzed (1): 08/07/2013 17:37 Date Analyzed (2): 08/07/2013 17:37

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.29	2.25	2.35	113		0.5
	2		3.34	3.31	3.41	113		
gamma-BHC (Lindane)	1		2.67	2.63	2.73	114		0.8
	2		4.01	3.97	4.07	113		
beta-BHC	1		2.80	2.76	2.86	114		1.0
	2		4.15	4.11	4.21	113		
delta-BHC	1		3.09	3.05	3.15	117		2.3
	2		4.69	4.65	4.75	115		
Heptachlor	1		3.44	3.41	3.51	125		4.9
	2		4.81	4.78	4.88	131		
Aldrin	1		3.94	3.91	4.01	123		5.8
	2		5.44	5.40	5.50	116		
Heptachlor epoxide	1		4.95	4.90	5.04	122		10.3
	2		6.42	6.36	6.50	110		
4,4'-DDE	1		5.57	5.51	5.65	120		5.8
	2		6.96	6.90	7.04	113		
Endosulfan I	1		5.67	5.61	5.75	127		11.7
	2		6.86	6.80	6.94	113		
Dieldrin	1		6.10	6.04	6.18	110		6.4
	2		7.16	7.10	7.24	103		
Endrin	1		6.41	6.35	6.49	121		5.2
	2		7.51	7.45	7.59	114		
4,4'-DDD	1		6.49	6.43	6.57	127		5.5
	2		7.60	7.54	7.68	120		
Endosulfan II	1		6.65	6.59	6.73	119		7.2
	2		7.75	7.69	7.83	111		
4,4'-DDT	1		6.78	6.72	6.86	118		8.8
	2		7.97	7.91	8.05	108		
Endrin aldehyde	1		7.08	7.02	7.16	121		5.8
	2		8.14	8.08	8.22	114		
Methoxychlor	1		7.30	7.23	7.37	109		5.0
	2		8.63	8.56	8.70	103		
Endosulfan sulfate	1		7.54	7.48	7.62	115		4.3
	2		8.41	8.35	8.49	110		
Endrin ketone	1		7.86	7.79	7.93	123		7.6
	2		8.83	8.77	8.91	114		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-175233/2-A

Instrument ID (1): CPESTGC4 Instrument ID (2): CPESTGC4

Date Analyzed (1): 08/09/2013 11:51 Date Analyzed (2): 08/09/2013 11:51

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.30	2.27	2.37	121		3.4
	2		3.35	3.28	3.38	125		
gamma-BHC (Lindane)	1		2.67	2.65	2.75	122		2.1
	2		4.01	3.94	4.04	124		
beta-BHC	1		2.80	2.77	2.87	121		1.4
	2		4.15	4.08	4.18	119		
delta-BHC	1		3.09	3.07	3.17	120		1.4
	2		4.69	4.62	4.72	122		
Heptachlor	1		3.45	3.41	3.51	124		0.6
	2		4.81	4.74	4.84	124		
Aldrin	1		3.94	3.91	4.01	128		3.7
	2		5.44	5.36	5.46	123		
Heptachlor epoxide	1		4.95	4.89	5.03	118		1.2
	2		6.42	6.34	6.48	116		
4,4'-DDE	1		5.57	5.50	5.64	124		2.3
	2		6.96	6.87	7.01	121		
Endosulfan I	1		5.67	5.60	5.74	115		3.2
	2		6.86	6.78	6.92	118		
Dieldrin	1		6.10	6.03	6.17	108		1.1
	2		7.16	7.08	7.22	109		
Endrin	1		6.41	6.34	6.48	121		0.2
	2		7.51	7.42	7.56	121		
4,4'-DDD	1		6.49	6.42	6.56	121		1.2
	2		7.60	7.52	7.66	123		
Endosulfan II	1		6.65	6.58	6.72	113		0.1
	2		7.74	7.66	7.80	113		
4,4'-DDT	1		6.78	6.71	6.85	114		3.3
	2		7.97	7.88	8.02	118		
Endrin aldehyde	1		7.08	7.01	7.15	117		0.8
	2		8.14	8.05	8.19	118		
Methoxychlor	1		7.29	7.22	7.36	118		5.0
	2		8.63	8.55	8.69	112		
Endosulfan sulfate	1		7.54	7.47	7.61	117		0.0
	2		8.41	8.33	8.47	117		
Endrin ketone	1		7.85	7.78	7.92	121		0.3
	2		8.83	8.75	8.89	120		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-175267/2-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 08/11/2013 14:47 Date Analyzed (2): 08/11/2013 14:47

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.29	2.24	2.34	1.62		11.1
	2		3.28	3.22	3.32	1.81		
gamma-BHC (Lindane)	1		2.67	2.62	2.72	1.67		8.0
	2		3.98	3.93	4.03	1.81		
beta-BHC	1		2.81	2.76	2.86	1.67		3.5
	2		4.13	4.08	4.18	1.72		
delta-BHC	1		3.13	3.08	3.18	1.50		2.3
	2		4.71	4.66	4.76	1.53		
Heptachlor	1		3.49	3.44	3.54	1.77		3.7
	2		4.84	4.79	4.89	1.83		
Aldrin	1		4.02	3.97	4.07	1.69		3.7
	2		5.51	5.46	5.56	1.76		
Heptachlor epoxide	1		5.11	5.04	5.18	1.71		2.2
	2		6.41	6.34	6.48	1.74		
4,4'-DDE	1		5.76	5.69	5.83	1.78		3.1
	2		6.80	6.73	6.87	1.84		
Endosulfan I	1		5.88	5.81	5.95	1.77		2.3
	2		6.73	6.66	6.80	1.81		
Dieldrin	1		6.22	6.15	6.29	1.61		1.8
	2		6.92	6.85	6.99	1.64		
Endrin	1		6.45	6.38	6.52	1.73		1.7
	2		7.13	7.06	7.20	1.76		
4,4'-DDD	1		6.51	6.44	6.58	1.83		1.7
	2		7.19	7.12	7.26	1.86		
Endosulfan II	1		6.63	6.56	6.70	1.68		0.4
	2		7.28	7.21	7.35	1.68		
4,4'-DDT	1		6.72	6.65	6.79	1.76		8.6
	2		7.42	7.35	7.49	1.92		
Endrin aldehyde	1		6.91	6.84	6.98	1.66		2.8
	2		7.53	7.46	7.60	1.70		
Methoxychlor	1		7.04	6.97	7.11	1.72		4.9
	2		8.00	7.93	8.07	1.81		
Endosulfan sulfate	1		7.20	7.13	7.27	1.64		1.6
	2		7.76	7.69	7.83	1.67		
Endrin ketone	1		7.39	7.32	7.46	1.70		9.0
	2		8.24	8.17	8.31	1.86		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-175267/3-A

Instrument ID (1): CPESTGC8 Instrument ID (2): CPESTGC8

Date Analyzed (1): 08/11/2013 15:02 Date Analyzed (2): 08/11/2013 15:02

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.29	2.24	2.34	1.67		10.9
	2		3.27	3.22	3.32	1.86		
gamma-BHC (Lindane)	1		2.68	2.62	2.72	1.72		8.1
	2		3.97	3.93	4.03	1.87		
beta-BHC	1		2.82	2.76	2.86	1.71		3.0
	2		4.13	4.08	4.18	1.77		
delta-BHC	1		3.13	3.08	3.18	1.55		3.4
	2		4.70	4.66	4.76	1.60		
Heptachlor	1		3.50	3.44	3.54	1.83		5.6
	2		4.84	4.79	4.89	1.94		
Aldrin	1		4.03	3.97	4.07	1.75		3.1
	2		5.50	5.46	5.56	1.80		
Heptachlor epoxide	1		5.12	5.04	5.18	1.76		1.4
	2		6.40	6.34	6.48	1.78		
4,4'-DDE	1		5.76	5.69	5.83	1.84		1.8
	2		6.79	6.73	6.87	1.87		
Endosulfan I	1		5.88	5.81	5.95	1.82		1.4
	2		6.73	6.66	6.80	1.84		
Dieldrin	1		6.22	6.15	6.29	1.67		0.2
	2		6.92	6.85	6.99	1.67		
Endrin	1		6.45	6.38	6.52	1.76		1.0
	2		7.13	7.06	7.20	1.78		
4,4'-DDD	1		6.50	6.44	6.58	1.88		0.8
	2		7.19	7.12	7.26	1.90		
Endosulfan II	1		6.63	6.56	6.70	1.73		0.7
	2		7.28	7.21	7.35	1.72		
4,4'-DDT	1		6.72	6.65	6.79	1.81		8.0
	2		7.42	7.35	7.49	1.96		
Endrin aldehyde	1		6.91	6.84	6.98	1.71		2.1
	2		7.53	7.46	7.60	1.75		
Methoxychlor	1		7.04	6.97	7.11	1.78		4.4
	2		8.00	7.93	8.07	1.86		
Endosulfan sulfate	1		7.20	7.13	7.27	1.70		0.9
	2		7.76	7.69	7.83	1.71		
Endrin ketone	1		7.39	7.32	7.46	1.75		9.7
	2		8.24	8.17	8.31	1.93		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-1 / 3' | Lab Sample ID: 460-60690-1

Matrix: Solid | Lab File ID: WR715538.D

Analysis Method: 8081A | Date Collected: 08/05/2013 09:40

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.04(g) | Date Analyzed: 08/07/2013 22:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	149		37-150
2051-24-3	DCB Decachlorobiphenyl	155	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715538.D		
Lims ID:	460-60690-A-1-A	Client ID:	Post Ex-1 / 3'
Inject. Date:	07-Aug-2013 22:07:17	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	53
Lims Batch ID:	174875	Lims Sample ID:	53
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:19

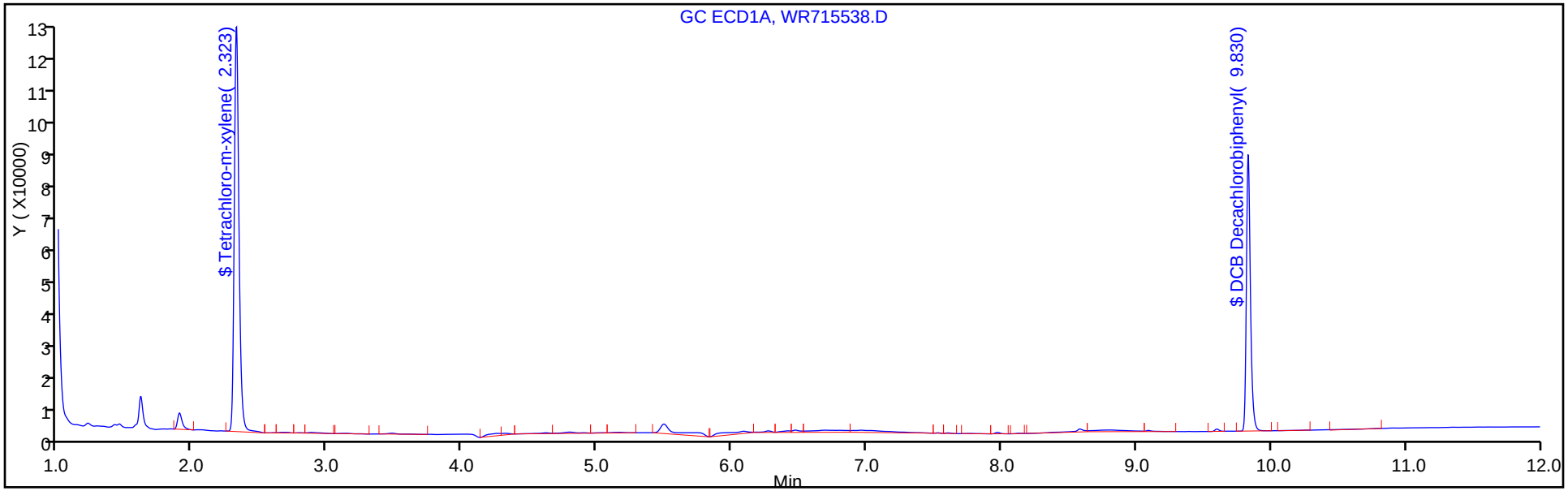
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	293728	74.3	
2	1.810	1.817	-0.007	292292	77.6	
					RPD = 4.30	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	171928	77.6	
2	8.780	8.783	-0.003	222473	84.5	
					RPD = 8.50	

Report Date: 08-Aug-2013 13:55:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

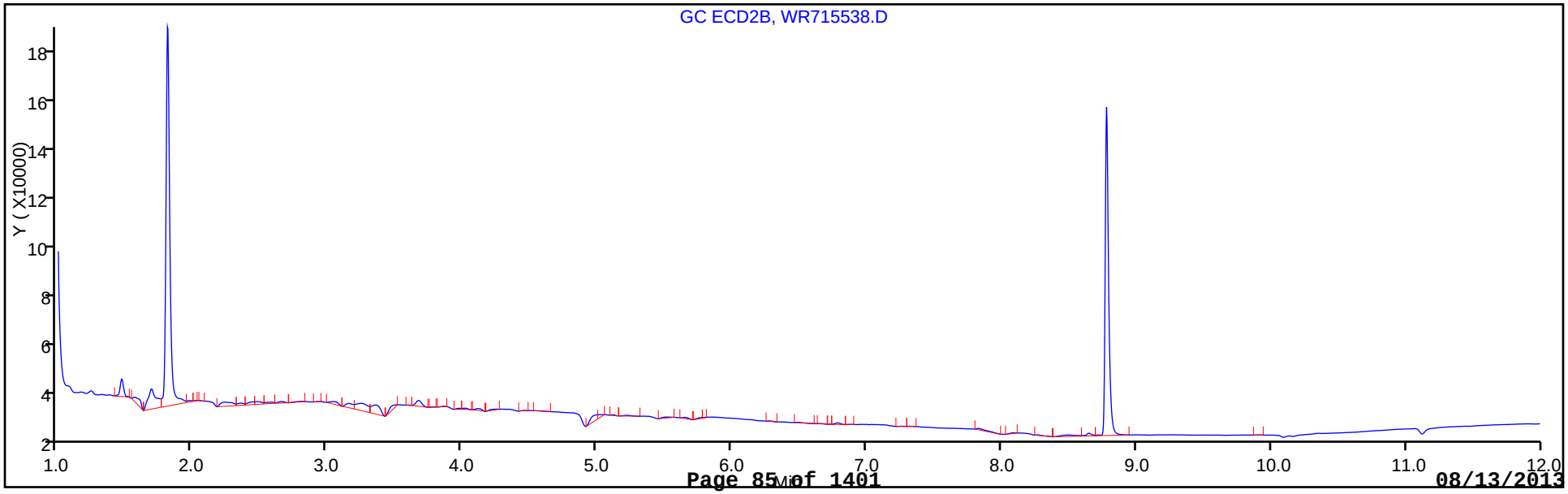
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715538.D		
Injection Date:	07-Aug-2013 22:07:17	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-1 / 3'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	53
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-1 / 3' | Lab Sample ID: 460-60690-1

Matrix: Solid | Lab File ID: WR715538.D

Analysis Method: 8081A | Date Collected: 08/05/2013 09:40

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.04(g) | Date Analyzed: 08/07/2013 22:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	7.0	U	7.0	1.5
319-84-6	alpha-BHC	7.0	U	7.0	1.6
319-85-7	beta-BHC	7.0	U	7.0	1.7
319-86-8	delta-BHC	7.0	U	7.0	1.3
58-89-9	gamma-BHC (Lindane)	7.0	U	7.0	1.3
57-74-9	Chlordane	70	U	70	20
72-54-8	4,4'-DDD	7.0	U	7.0	1.4
72-55-9	4,4'-DDE	7.0	U	7.0	1.4
50-29-3	4,4'-DDT	7.0	U	7.0	1.7
60-57-1	Dieldrin	7.0	U	7.0	1.3
959-98-8	Endosulfan I	7.0	U	7.0	1.6
33213-65-9	Endosulfan II	7.0	U	7.0	1.4
1031-07-8	Endosulfan sulfate	7.0	U	7.0	1.4
72-20-8	Endrin	7.0	U	7.0	1.7
7421-93-4	Endrin aldehyde	7.0	U	7.0	1.0
53494-70-5	Endrin ketone	7.0	U	7.0	1.4
76-44-8	Heptachlor	7.0	U	7.0	1.7
1024-57-3	Heptachlor epoxide	7.0	U	7.0	1.6
72-43-5	Methoxychlor	7.0	U	7.0	1.7
8001-35-2	Toxaphene	70	U	70	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	155	*	37-150
2051-24-3	DCB Decachlorobiphenyl	169	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715538.D		
Lims ID:	460-60690-A-1-A	Client ID:	Post Ex-1 / 3'
Inject. Date:	07-Aug-2013 22:07:17	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	53
Lims Batch ID:	174875	Lims Sample ID:	53
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:19

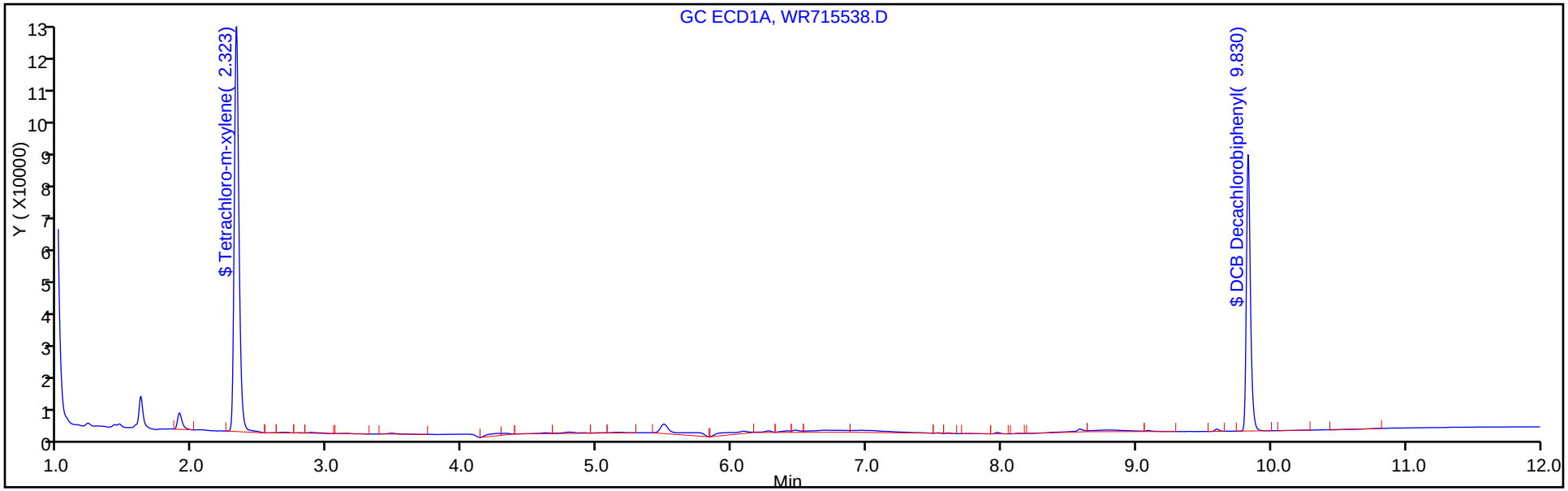
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	293728	74.3	
2	1.810	1.817	-0.007	292292	77.6	
					RPD = 4.30	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	171928	77.6	
2	8.780	8.783	-0.003	222473	84.5	
					RPD = 8.50	

Report Date: 08-Aug-2013 13:55:51 Chrom Revision: 2.1 25-Jul-2013 20:19:50

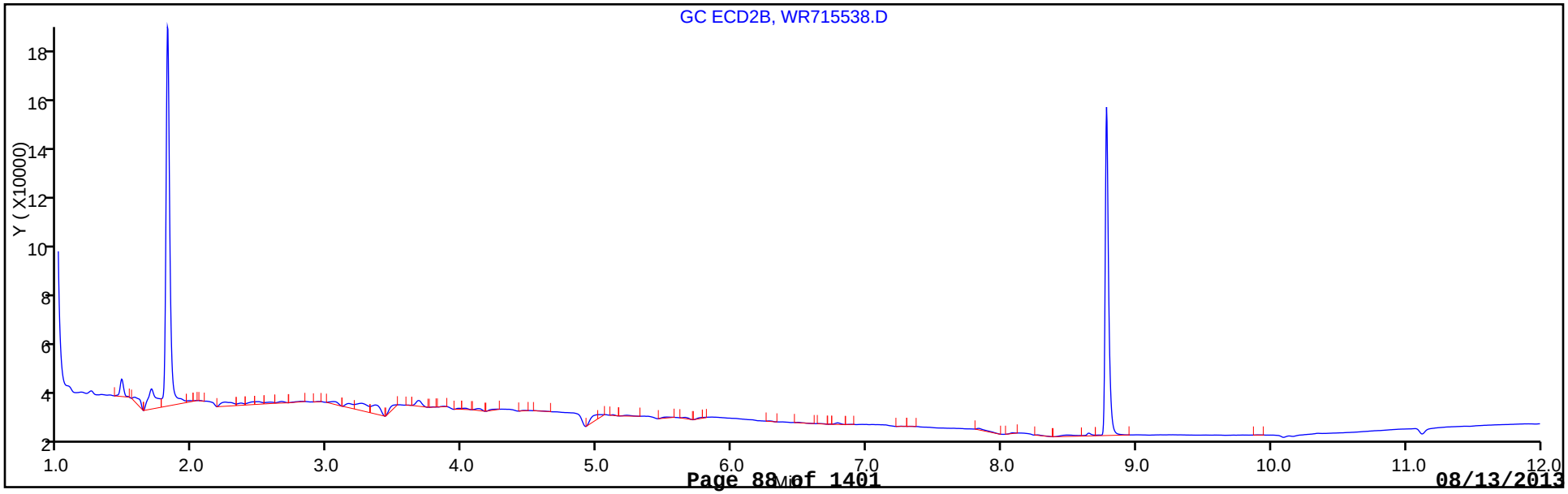
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715538.D		
Injection Date:	07-Aug-2013 22:07:17	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-1 / 3'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	53
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-2 / 4' | Lab Sample ID: 460-60690-2

Matrix: Solid | Lab File ID: WR715539.D

Analysis Method: 8081A | Date Collected: 08/05/2013 10:20

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.02(g) | Date Analyzed: 08/07/2013 22:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	178	*	37-150
2051-24-3	DCB Decachlorobiphenyl	183	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715539.D		
Lims ID:	460-60690-A-2-A	Client ID:	Post Ex-2 / 4'
Inject. Date:	07-Aug-2013 22:22:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	54
Lims Batch ID:	174875	Lims Sample ID:	54
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:35

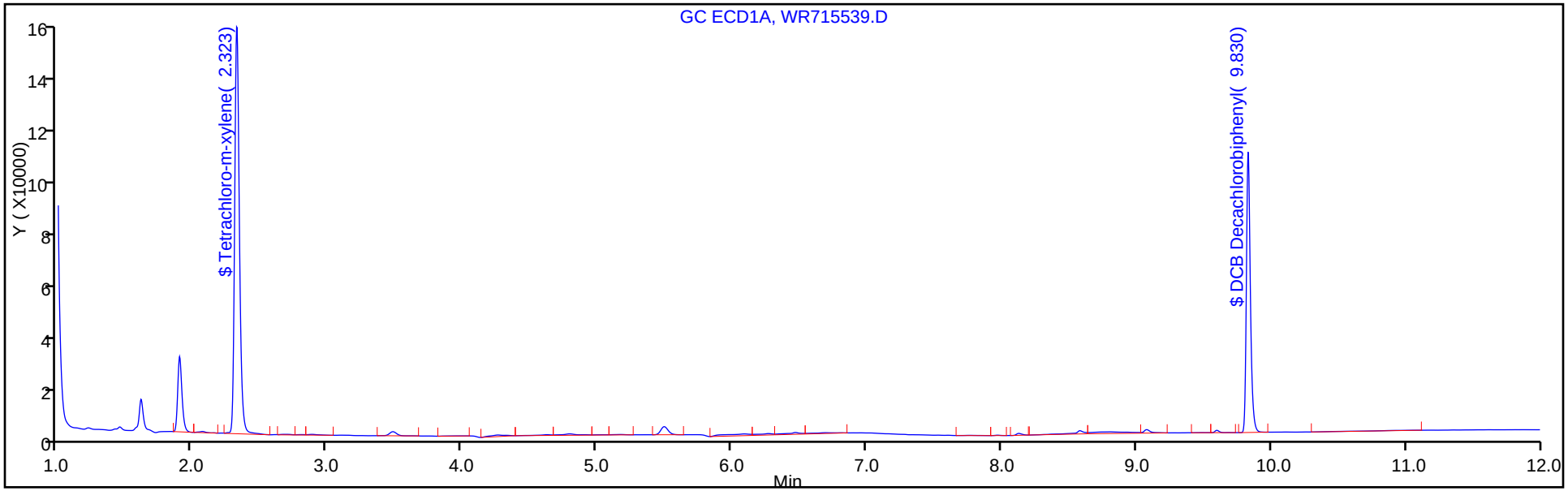
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	351132	88.9	
2	1.813	1.817	-0.004	351529	93.3	
					RPD = 4.90	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	203131	91.7	
2	8.780	8.783	-0.003	267316	101.5	
					RPD = 10.18	

Report Date: 08-Aug-2013 13:55:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

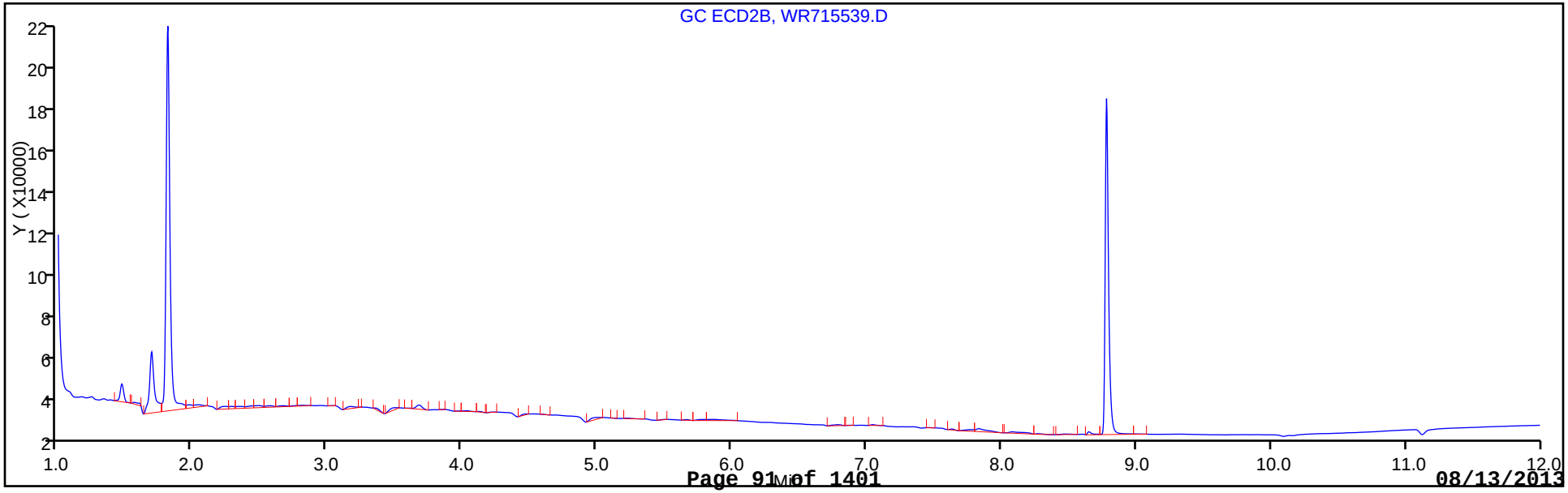
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715539.D		
Injection Date:	07-Aug-2013 22:22:44	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-2 / 4'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	54
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-2 / 4' | Lab Sample ID: 460-60690-2

Matrix: Solid | Lab File ID: WR715539.D

Analysis Method: 8081A | Date Collected: 08/05/2013 10:20

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.02(g) | Date Analyzed: 08/07/2013 22:22

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	7.4	U	7.4	1.5
319-84-6	alpha-BHC	7.4	U	7.4	1.7
319-85-7	beta-BHC	7.4	U	7.4	1.8
319-86-8	delta-BHC	7.4	U	7.4	1.3
58-89-9	gamma-BHC (Lindane)	7.4	U	7.4	1.3
57-74-9	Chlordane	74	U	74	21
72-54-8	4,4'-DDD	7.4	U	7.4	1.4
72-55-9	4,4'-DDE	7.4	U	7.4	1.4
50-29-3	4,4'-DDT	7.4	U	7.4	1.8
60-57-1	Dieldrin	7.4	U	7.4	1.3
959-98-8	Endosulfan I	7.4	U	7.4	1.7
33213-65-9	Endosulfan II	7.4	U	7.4	1.4
1031-07-8	Endosulfan sulfate	7.4	U	7.4	1.4
72-20-8	Endrin	7.4	U	7.4	1.8
7421-93-4	Endrin aldehyde	7.4	U	7.4	1.1
53494-70-5	Endrin ketone	7.4	U	7.4	1.4
76-44-8	Heptachlor	7.4	U	7.4	1.8
1024-57-3	Heptachlor epoxide	7.4	U	7.4	1.7
72-43-5	Methoxychlor	7.4	U	7.4	1.8
8001-35-2	Toxaphene	74	U	74	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	187	*	37-150
2051-24-3	DCB Decachlorobiphenyl	203	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715539.D		
Lims ID:	460-60690-A-2-A	Client ID:	Post Ex-2 / 4'
Inject. Date:	07-Aug-2013 22:22:44	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	54
Lims Batch ID:	174875	Lims Sample ID:	54
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:35

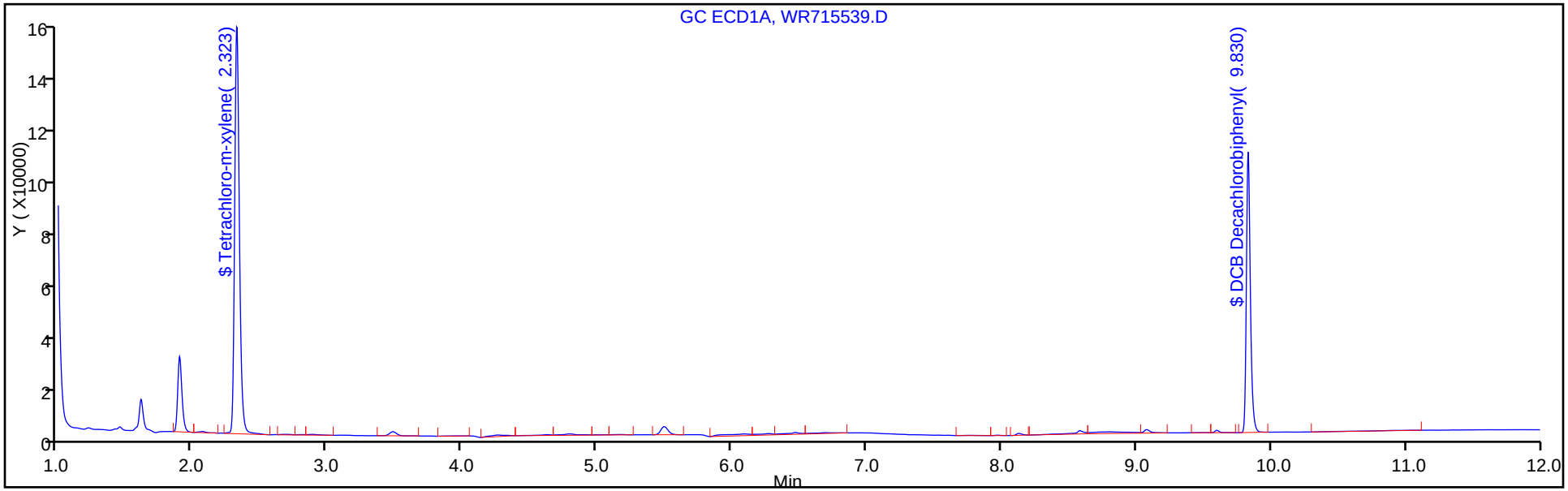
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	351132	88.9	
2	1.813	1.817	-0.004	351529	93.3	
					RPD = 4.90	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	203131	91.7	
2	8.780	8.783	-0.003	267316	101.5	
					RPD = 10.18	

Report Date: 08-Aug-2013 13:55:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

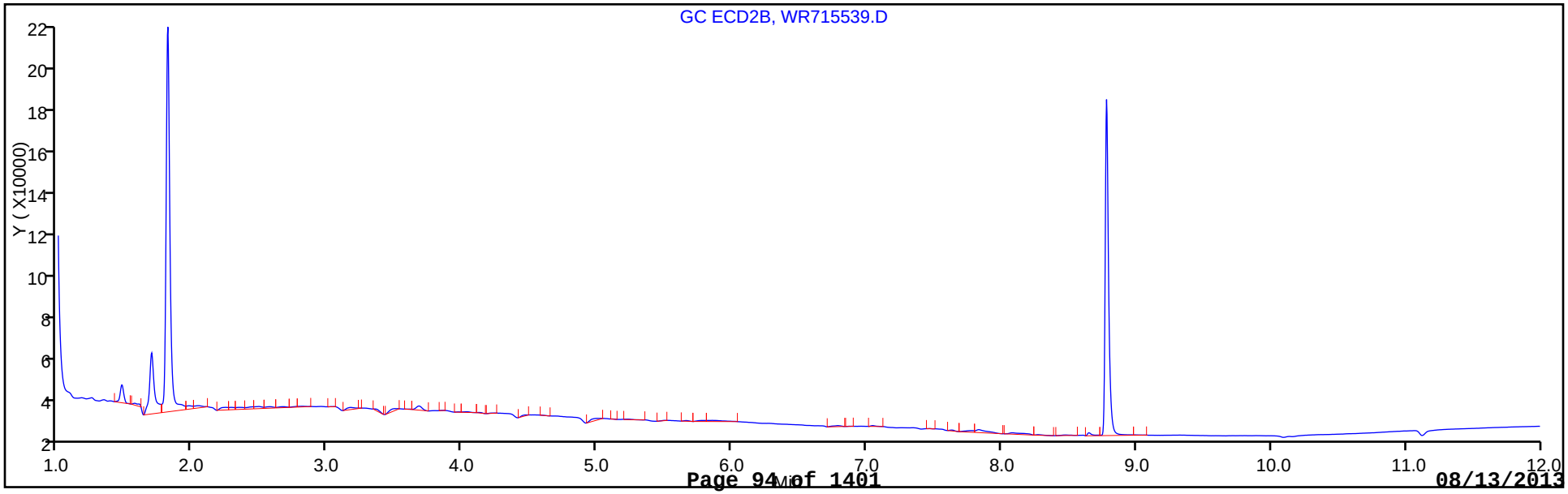
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715539.D		
Injection Date:	07-Aug-2013 22:22:44	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-2 / 4'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	54
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-3 / 4' | Lab Sample ID: 460-60690-3

Matrix: Solid | Lab File ID: WR715540.D

Analysis Method: 8081A | Date Collected: 08/05/2013 10:30

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2013 22:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64		37-150
2051-24-3	DCB Decachlorobiphenyl	61		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715540.D		
Lims ID:	460-60690-A-3-A	Client ID:	Post Ex-3 / 4'
Inject. Date:	07-Aug-2013 22:37:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	174875	Lims Sample ID:	55
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:52

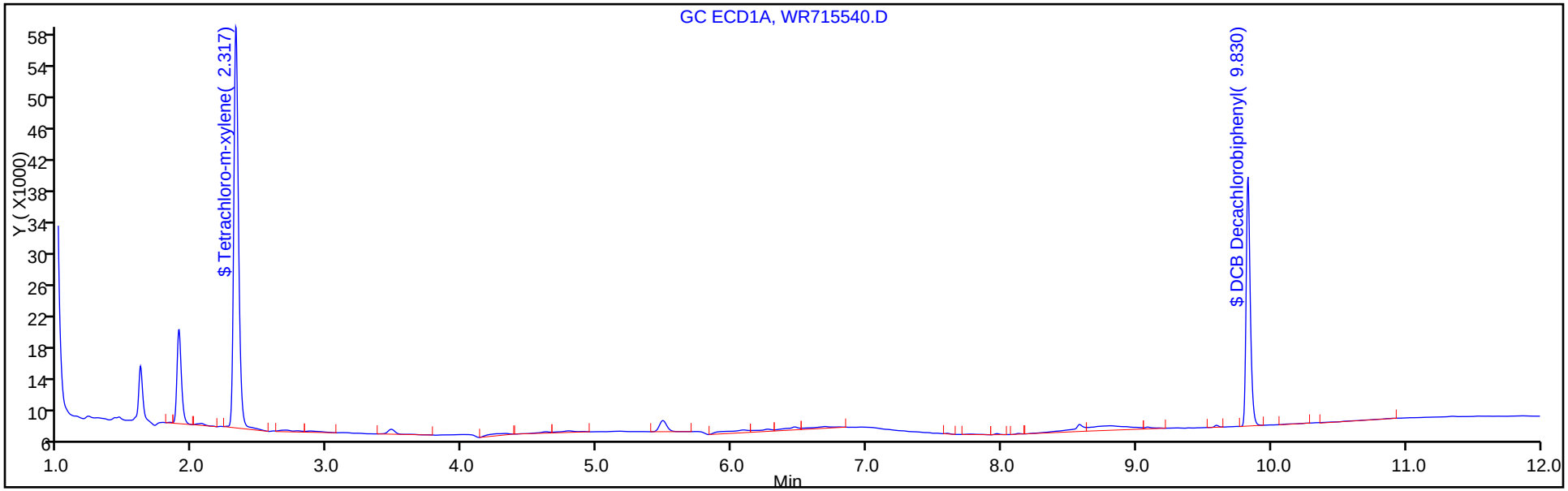
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	125974	31.9	
2	1.813	1.817	-0.004	139201	37.0	
					RPD = 14.75	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	67566	30.5	
2	8.780	8.783	-0.003	82020	31.1	
					RPD = 2.12	

Report Date: 08-Aug-2013 13:55:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

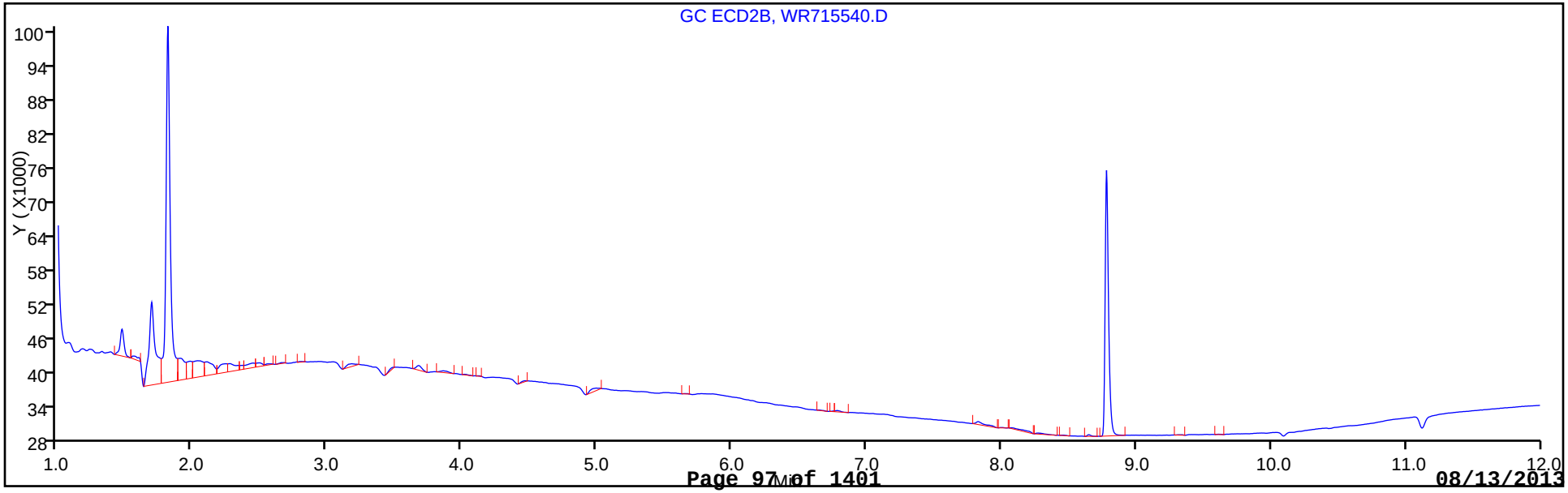
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715540.D		
Injection Date:	07-Aug-2013 22:37:21	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-3 / 4'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	55
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-3 / 4' | Lab Sample ID: 460-60690-3

Matrix: Solid | Lab File ID: WR715540.D

Analysis Method: 8081A | Date Collected: 08/05/2013 10:30

Extraction Method: 3546 | Date Extracted: 08/07/2013 03:55

Sample wt/vol: 15.00(g) | Date Analyzed: 08/07/2013 22:37

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 174875 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	7.2	U	7.2	1.5
319-84-6	alpha-BHC	7.2	U	7.2	1.6
319-85-7	beta-BHC	7.2	U	7.2	1.7
319-86-8	delta-BHC	7.2	U	7.2	1.3
58-89-9	gamma-BHC (Lindane)	7.2	U	7.2	1.3
57-74-9	Chlordane	72	U	72	20
72-54-8	4,4'-DDD	7.2	U	7.2	1.4
72-55-9	4,4'-DDE	7.2	U	7.2	1.4
50-29-3	4,4'-DDT	7.2	U	7.2	1.7
60-57-1	Dieldrin	7.2	U	7.2	1.3
959-98-8	Endosulfan I	7.2	U	7.2	1.6
33213-65-9	Endosulfan II	7.2	U	7.2	1.4
1031-07-8	Endosulfan sulfate	7.2	U	7.2	1.4
72-20-8	Endrin	7.2	U	7.2	1.7
7421-93-4	Endrin aldehyde	7.2	U	7.2	1.1
53494-70-5	Endrin ketone	7.2	U	7.2	1.4
76-44-8	Heptachlor	7.2	U	7.2	1.7
1024-57-3	Heptachlor epoxide	7.2	U	7.2	1.6
72-43-5	Methoxychlor	7.2	U	7.2	1.7
8001-35-2	Toxaphene	72	U	72	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	74		37-150
2051-24-3	DCB Decachlorobiphenyl	62		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715540.D		
Lims ID:	460-60690-A-3-A	Client ID:	Post Ex-3 / 4'
Inject. Date:	07-Aug-2013 22:37:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	55
Lims Batch ID:	174875	Lims Sample ID:	55
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:38:52

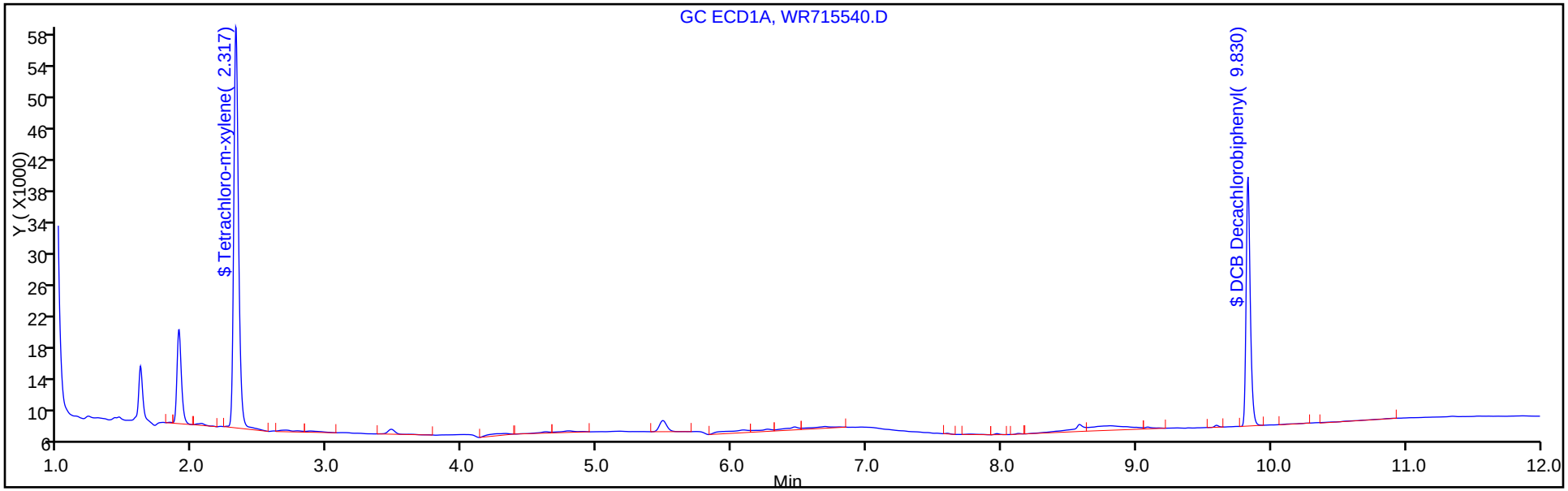
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	125974	31.9	
2	1.813	1.817	-0.004	139201	37.0	
					RPD = 14.75	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	67566	30.5	
2	8.780	8.783	-0.003	82020	31.1	
					RPD = 2.12	

Report Date: 08-Aug-2013 13:55:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

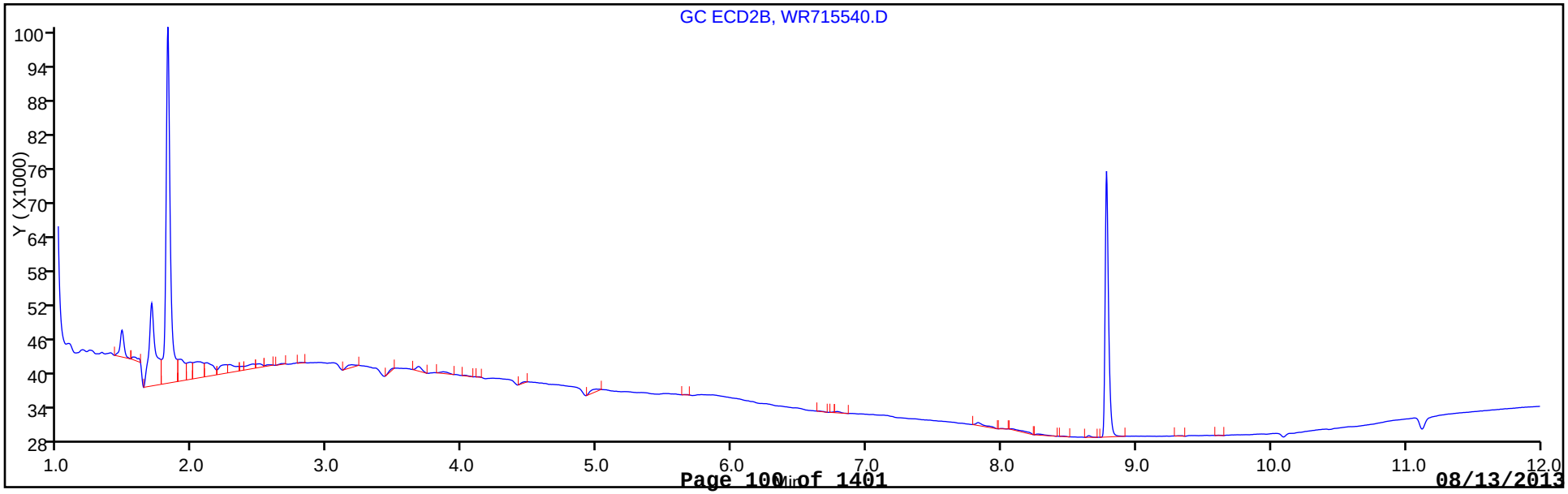
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715540.D		
Injection Date:	07-Aug-2013 22:37:21	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-3 / 4'	Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	55
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-4 / 8' | Lab Sample ID: 460-60690-4

Matrix: Solid | Lab File ID: WR715624.D

Analysis Method: 8081A | Date Collected: 08/05/2013 13:40

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.00(g) | Date Analyzed: 08/09/2013 13:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	195	*	37-150
2051-24-3	DCB Decachlorobiphenyl	195	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715624.D		
Lims ID:	460-60690-A-4-B	Client ID:	Post Ex-4 / 8'
Inject. Date:	09-Aug-2013 13:59:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-020		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	175660	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:29

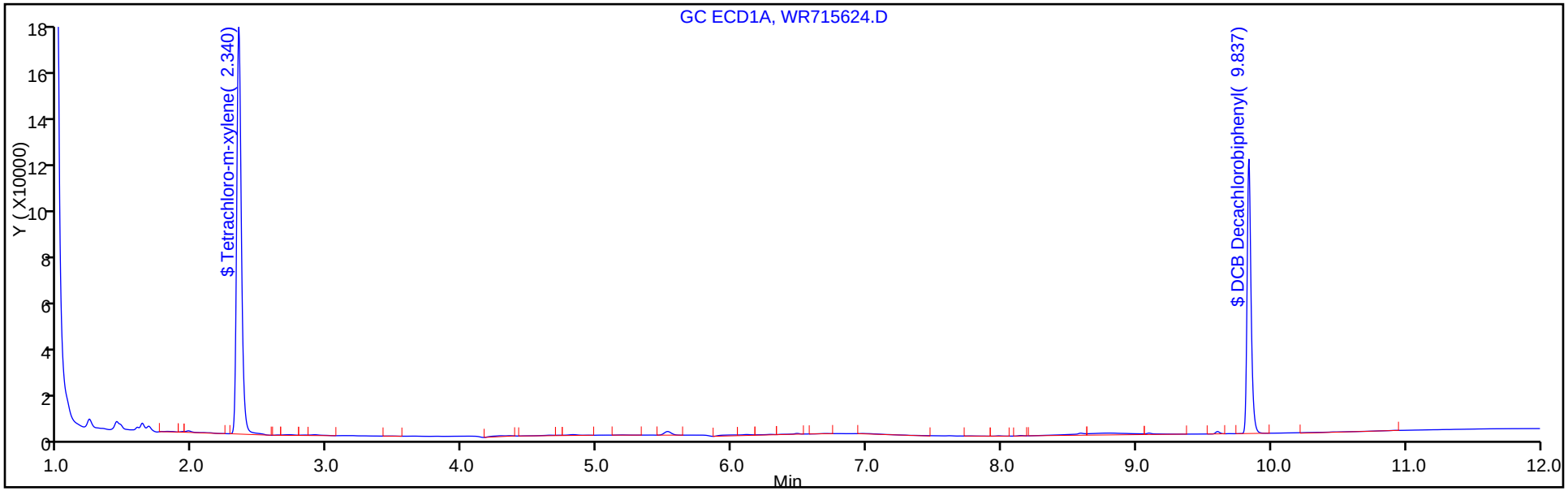
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.340	2.323	0.017	409329	97.5	
2	1.817	1.833	-0.016	403702	95.0	
					RPD = 2.59	
$ 24 DCB Decachlorobiphenyl						
1	9.837	9.823	0.014	233542	97.4	
2	8.780	8.777	0.003	292873	93.8	
					RPD = 3.68	

Report Date: 12-Aug-2013 10:40:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

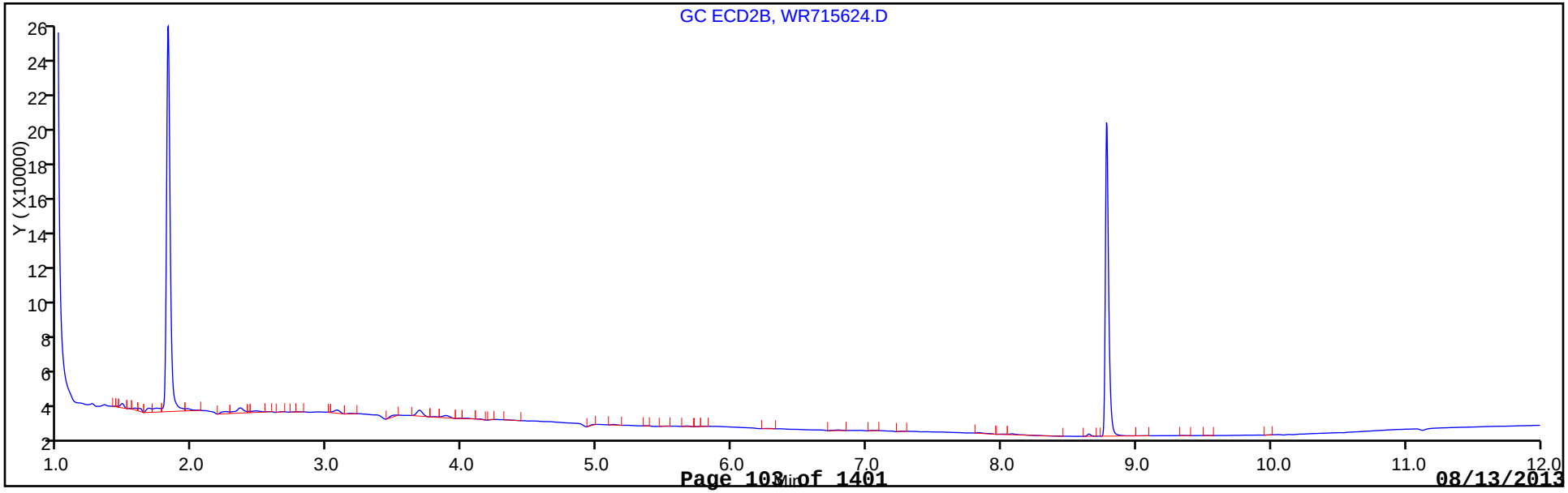
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715624.D		
Injection Date:	09-Aug-2013 13:59:51	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-4 / 8'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-4 / 8' | Lab Sample ID: 460-60690-4

Matrix: Solid | Lab File ID: WR715624.D

Analysis Method: 8081A | Date Collected: 08/05/2013 13:40

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.00(g) | Date Analyzed: 08/09/2013 13:59

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 20.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	8.4	U	8.4	1.8
319-84-6	alpha-BHC	8.4	U	8.4	1.9
319-85-7	beta-BHC	8.4	U	8.4	2.0
319-86-8	delta-BHC	8.4	U	8.4	1.5
58-89-9	gamma-BHC (Lindane)	8.4	U	8.4	1.5
57-74-9	Chlordane	84	U	84	24
72-54-8	4,4'-DDD	8.4	U	8.4	1.6
72-55-9	4,4'-DDE	8.4	U	8.4	1.6
50-29-3	4,4'-DDT	8.4	U	8.4	2.0
60-57-1	Dieldrin	8.4	U	8.4	1.5
959-98-8	Endosulfan I	8.4	U	8.4	1.9
33213-65-9	Endosulfan II	8.4	U	8.4	1.6
1031-07-8	Endosulfan sulfate	8.4	U	8.4	1.6
72-20-8	Endrin	8.4	U	8.4	2.0
7421-93-4	Endrin aldehyde	8.4	U	8.4	1.3
53494-70-5	Endrin ketone	8.4	U	8.4	1.6
76-44-8	Heptachlor	8.4	U	8.4	2.0
1024-57-3	Heptachlor epoxide	8.4	U	8.4	1.9
72-43-5	Methoxychlor	8.4	U	8.4	2.0
8001-35-2	Toxaphene	84	U	84	23

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	190	*	37-150
2051-24-3	DCB Decachlorobiphenyl	188	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715624.D		
Lims ID:	460-60690-A-4-B	Client ID:	Post Ex-4 / 8'
Inject. Date:	09-Aug-2013 13:59:51	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-020		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	175660	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:29

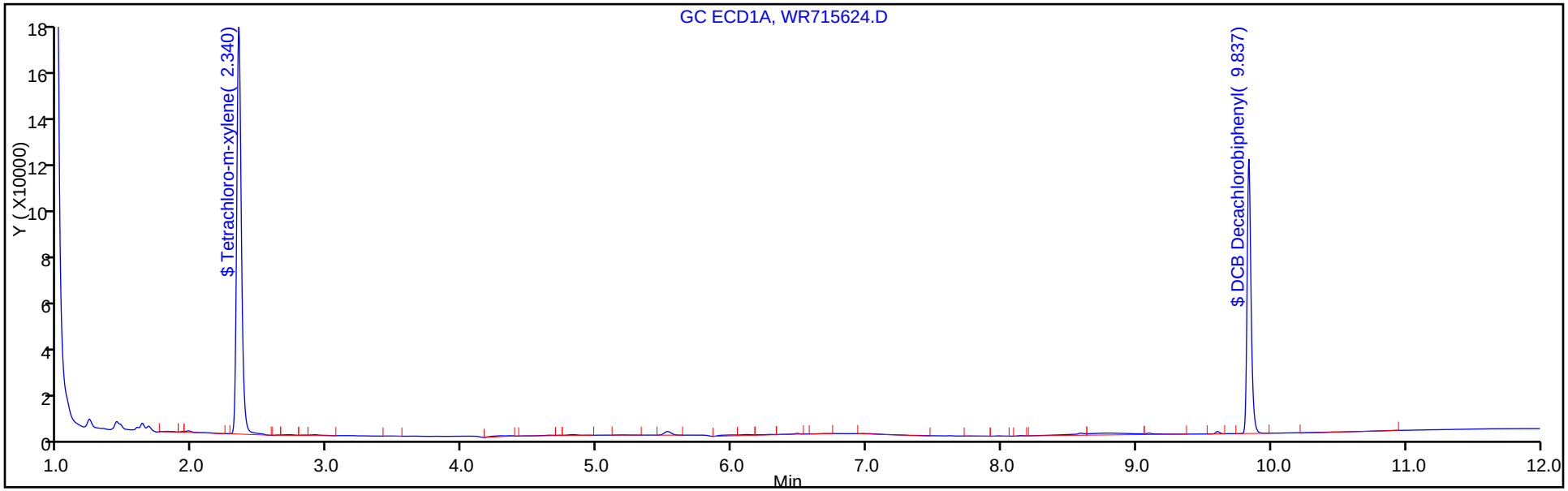
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.340	2.323	0.017	409329	97.5	
2	1.817	1.833	-0.016	403702	95.0	
					RPD = 2.59	
$ 24 DCB Decachlorobiphenyl						
1	9.837	9.823	0.014	233542	97.4	
2	8.780	8.777	0.003	292873	93.8	
					RPD = 3.68	

Report Date: 12-Aug-2013 10:40:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

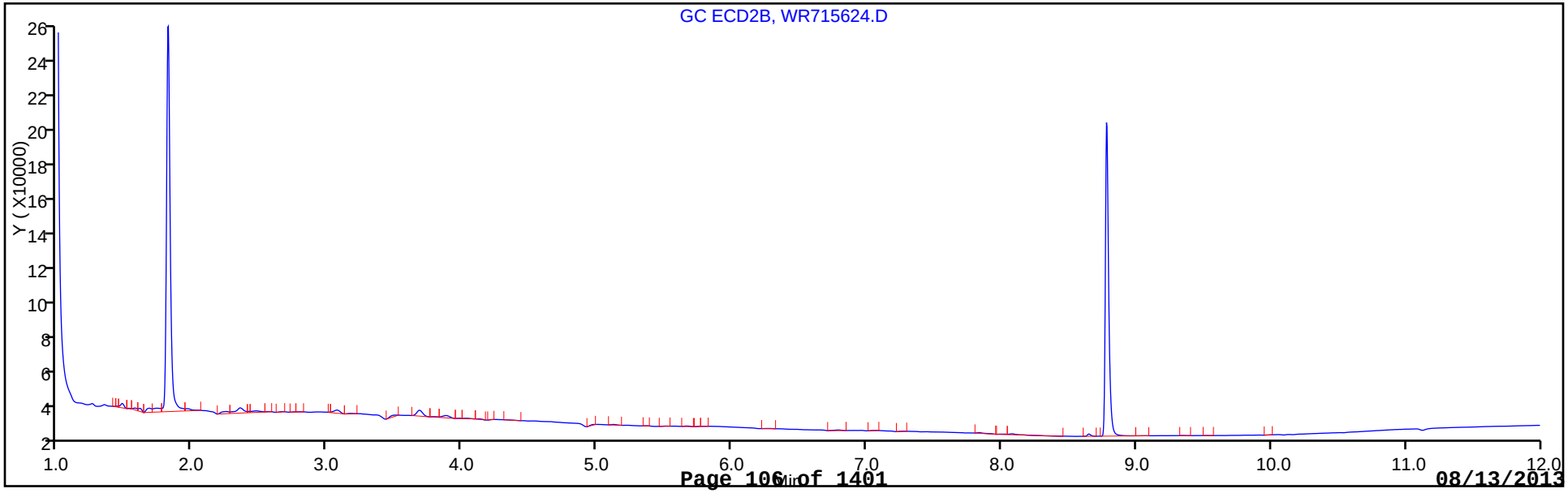
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715624.D		
Injection Date:	09-Aug-2013 13:59:51	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-4 / 8'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	20
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-5 / 8' | Lab Sample ID: 460-60690-5

Matrix: Solid | Lab File ID: WR715625.D

Analysis Method: 8081A | Date Collected: 08/05/2013 14:55

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.00(g) | Date Analyzed: 08/09/2013 14:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	177	*	37-150
2051-24-3	DCB Decachlorobiphenyl	172	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715625.D		
Lims ID:	460-60690-A-5-B	Client ID:	Post Ex-5 / 8'
Inject. Date:	09-Aug-2013 14:14:28	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-021		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	175660	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:45

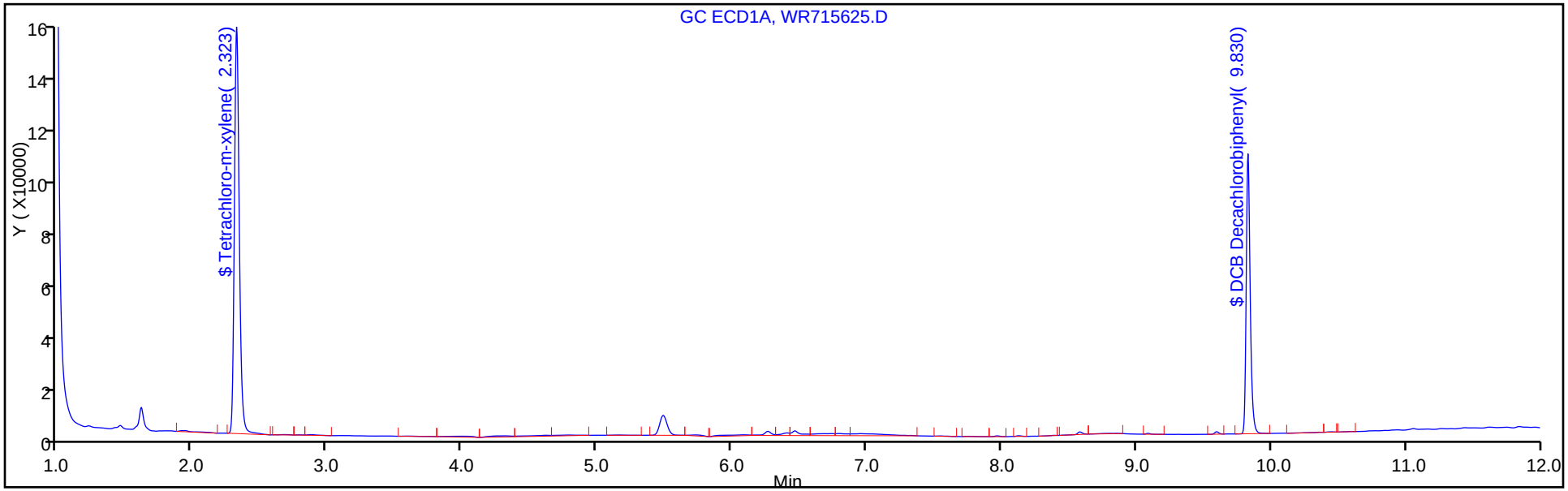
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	370929	88.3	
2	1.817	1.833	-0.016	374400	88.1	
					RPD = 0.27	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	206877	86.2	
2	8.780	8.777	0.003	259011	83.0	
					RPD = 3.85	

Report Date: 12-Aug-2013 10:40:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

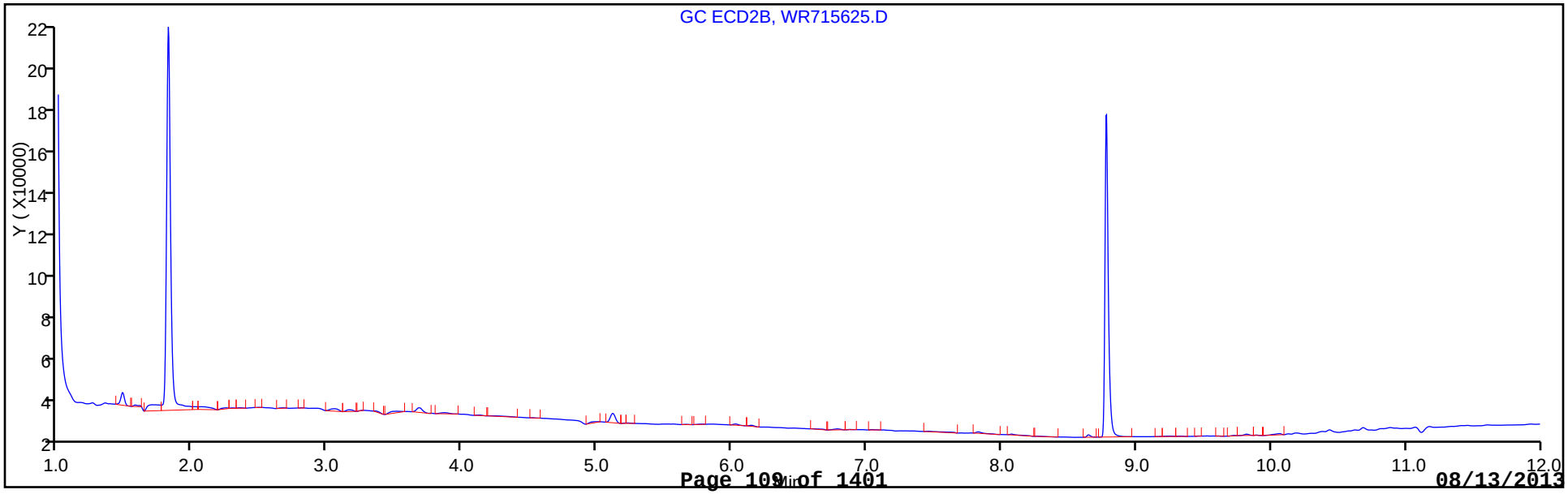
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715625.D		
Injection Date:	09-Aug-2013 14:14:28	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-5 / 8'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-5 / 8' | Lab Sample ID: 460-60690-5

Matrix: Solid | Lab File ID: WR715625.D

Analysis Method: 8081A | Date Collected: 08/05/2013 14:55

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.00(g) | Date Analyzed: 08/09/2013 14:14

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	7.5	U	7.5	1.6
319-84-6	alpha-BHC	7.5	U	7.5	1.7
319-85-7	beta-BHC	7.5	U	7.5	1.8
319-86-8	delta-BHC	7.5	U	7.5	1.3
58-89-9	gamma-BHC (Lindane)	7.5	U	7.5	1.3
57-74-9	Chlordane	75	U	75	21
72-54-8	4,4'-DDD	7.5	U	7.5	1.5
72-55-9	4,4'-DDE	7.5	U	7.5	1.5
50-29-3	4,4'-DDT	7.5	U	7.5	1.8
60-57-1	Dieldrin	7.5	U	7.5	1.3
959-98-8	Endosulfan I	7.5	U	7.5	1.7
33213-65-9	Endosulfan II	7.5	U	7.5	1.5
1031-07-8	Endosulfan sulfate	7.5	U	7.5	1.5
72-20-8	Endrin	7.5	U	7.5	1.8
7421-93-4	Endrin aldehyde	7.5	U	7.5	1.1
53494-70-5	Endrin ketone	7.5	U	7.5	1.5
76-44-8	Heptachlor	7.5	U	7.5	1.8
1024-57-3	Heptachlor epoxide	7.5	U	7.5	1.7
72-43-5	Methoxychlor	7.5	U	7.5	1.8
8001-35-2	Toxaphene	75	U	75	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	176	*	37-150
2051-24-3	DCB Decachlorobiphenyl	166	*	60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715625.D		
Lims ID:	460-60690-A-5-B	Client ID:	Post Ex-5 / 8'
Inject. Date:	09-Aug-2013 14:14:28	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-021		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	175660	Lims Sample ID:	21
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:45

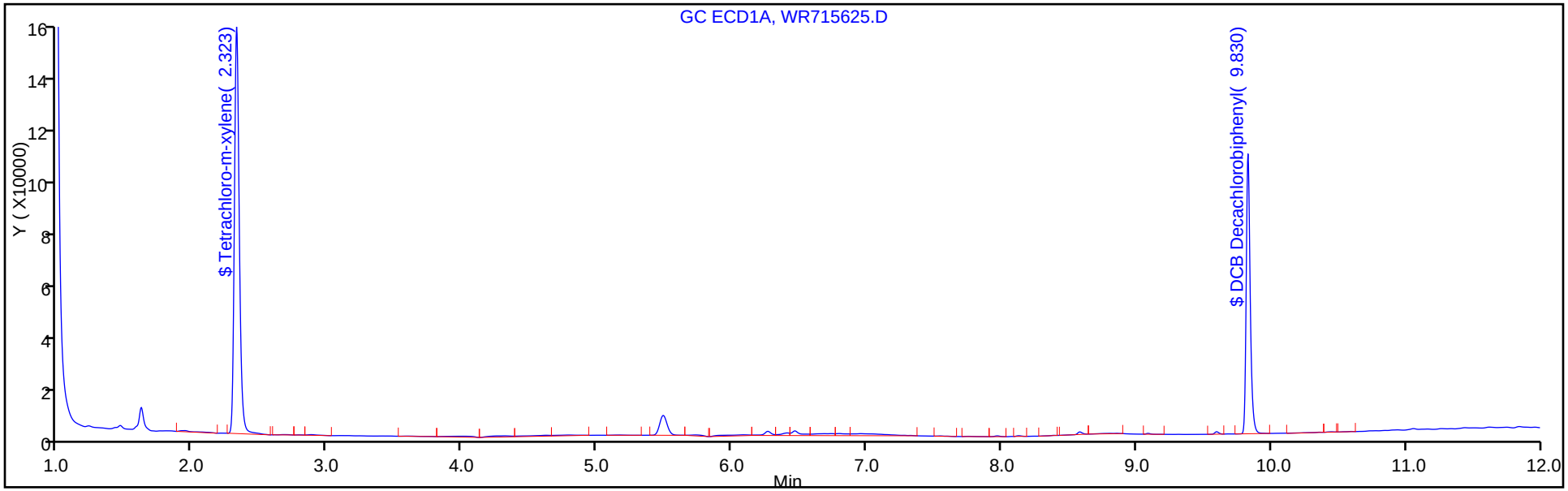
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	370929	88.3	
2	1.817	1.833	-0.016	374400	88.1	
					RPD = 0.27	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	206877	86.2	
2	8.780	8.777	0.003	259011	83.0	
					RPD = 3.85	

Report Date: 12-Aug-2013 10:40:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

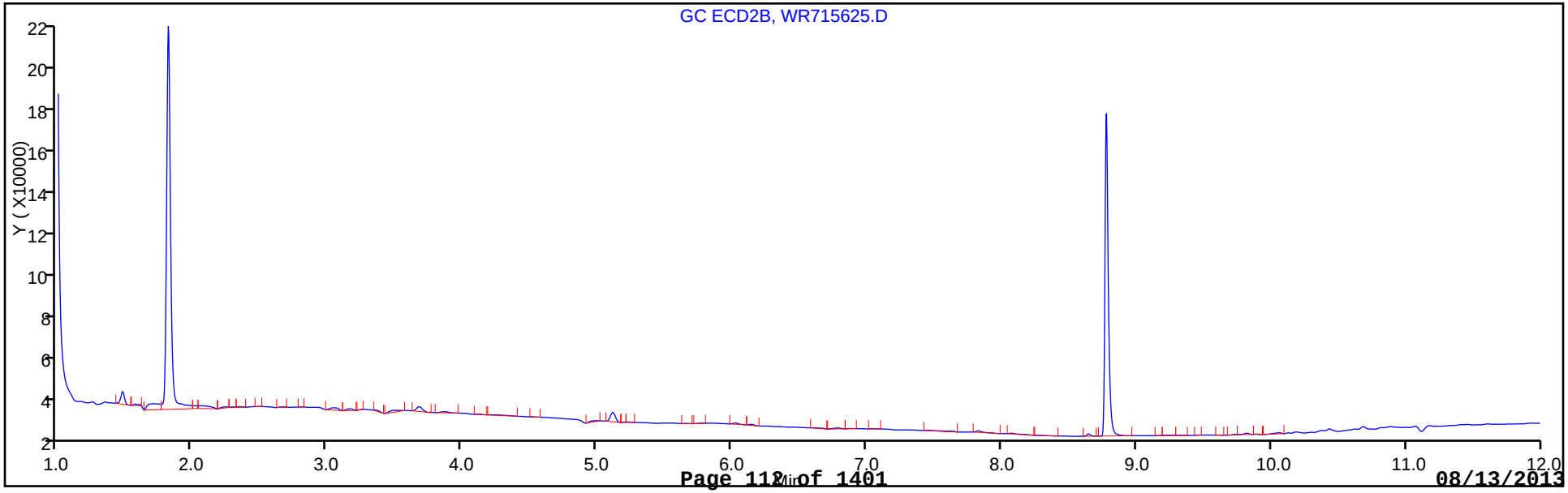
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715625.D		
Injection Date:	09-Aug-2013 14:14:28	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-5 / 8'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	21
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-6 / 4-5' | Lab Sample ID: 460-60690-6

Matrix: Solid | Lab File ID: WR715626.D

Analysis Method: 8081A | Date Collected: 08/05/2013 15:30

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.01(g) | Date Analyzed: 08/09/2013 14:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	143		37-150
2051-24-3	DCB Decachlorobiphenyl	142		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715626.D		
Lims ID:	460-60690-A-6-B	Client ID:	Post Ex-6 / 4-5'
Inject. Date:	09-Aug-2013 14:29:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-022		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	175660	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:53

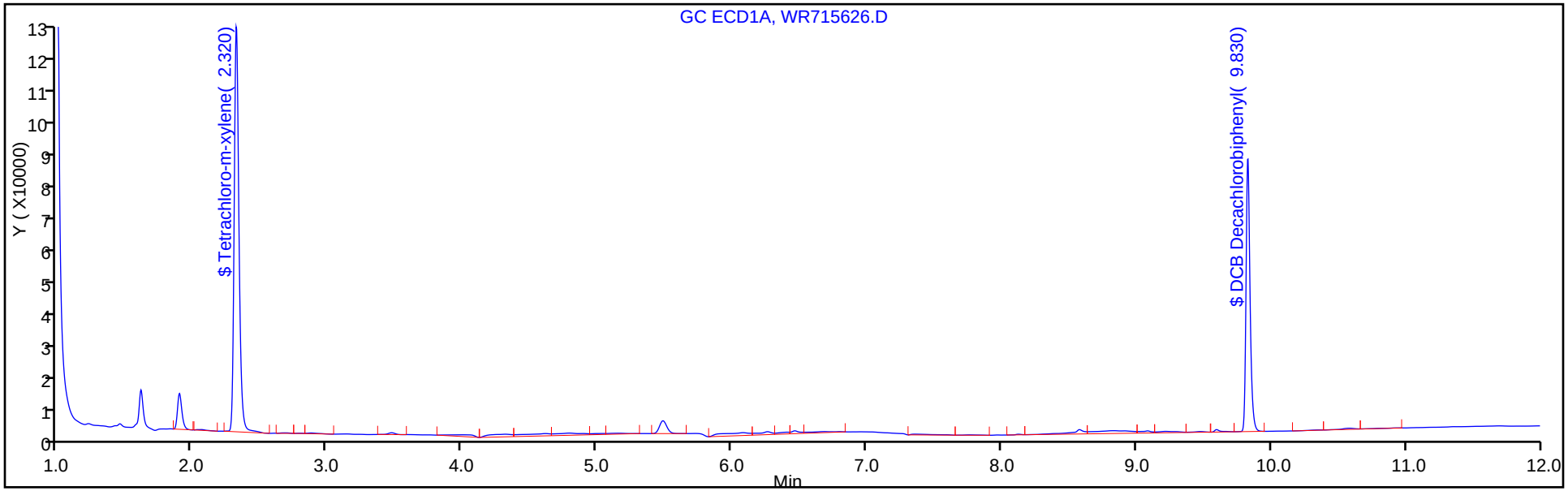
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	299522	71.3	
2	1.817	1.833	-0.016	299363	70.4	
					RPD = 1.26	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	169838	70.8	
2	8.777	8.777	0.0	212236	68.0	
					RPD = 4.04	

Report Date: 12-Aug-2013 10:40:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

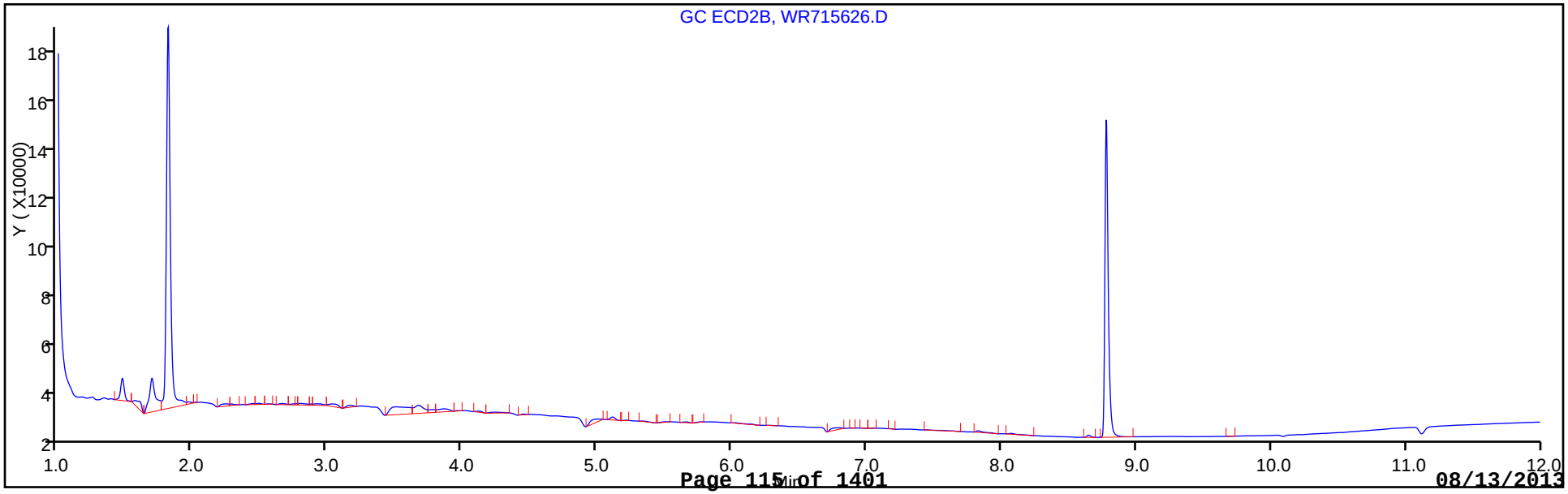
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715626.D		
Injection Date:	09-Aug-2013 14:29:06	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-6 / 4-5'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: Post Ex-6 / 4-5' | Lab Sample ID: 460-60690-6

Matrix: Solid | Lab File ID: WR715626.D

Analysis Method: 8081A | Date Collected: 08/05/2013 15:30

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.01(g) | Date Analyzed: 08/09/2013 14:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175660 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	7.8	U	7.8	1.6
319-84-6	alpha-BHC	7.8	U	7.8	1.7
319-85-7	beta-BHC	7.8	U	7.8	1.9
319-86-8	delta-BHC	7.8	U	7.8	1.4
58-89-9	gamma-BHC (Lindane)	7.8	U	7.8	1.4
57-74-9	Chlordane	78	U	78	22
72-54-8	4,4'-DDD	7.8	U	7.8	1.5
72-55-9	4,4'-DDE	7.8	U	7.8	1.5
50-29-3	4,4'-DDT	7.8	U	7.8	1.9
60-57-1	Dieldrin	7.8	U	7.8	1.4
959-98-8	Endosulfan I	7.8	U	7.8	1.7
33213-65-9	Endosulfan II	7.8	U	7.8	1.5
1031-07-8	Endosulfan sulfate	7.8	U	7.8	1.5
72-20-8	Endrin	7.8	U	7.8	1.9
7421-93-4	Endrin aldehyde	7.8	U	7.8	1.2
53494-70-5	Endrin ketone	7.8	U	7.8	1.5
76-44-8	Heptachlor	7.8	U	7.8	1.9
1024-57-3	Heptachlor epoxide	7.8	U	7.8	1.7
72-43-5	Methoxychlor	7.8	U	7.8	1.9
8001-35-2	Toxaphene	78	U	78	21

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	141		37-150
2051-24-3	DCB Decachlorobiphenyl	136		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715626.D		
Lims ID:	460-60690-A-6-B	Client ID:	Post Ex-6 / 4-5'
Inject. Date:	09-Aug-2013 14:29:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003369-022		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	175660	Lims Sample ID:	22
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 15:20:53

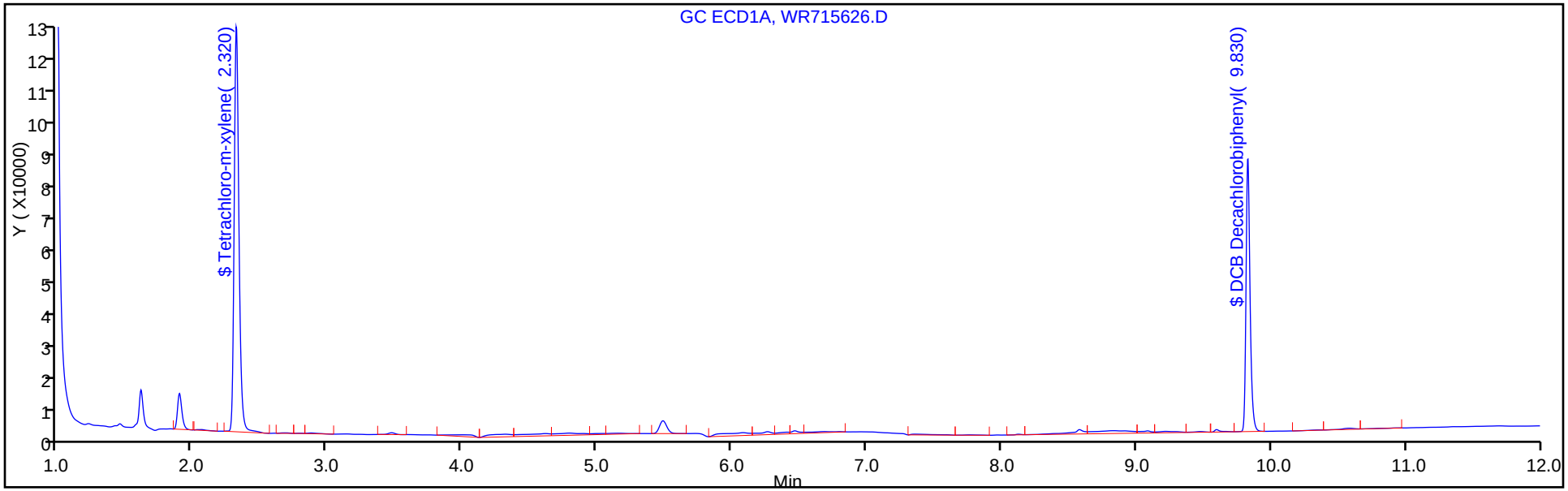
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	299522	71.3	
2	1.817	1.833	-0.016	299363	70.4	
					RPD = 1.26	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	169838	70.8	
2	8.777	8.777	0.0	212236	68.0	
					RPD = 4.04	

Report Date: 12-Aug-2013 10:40:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

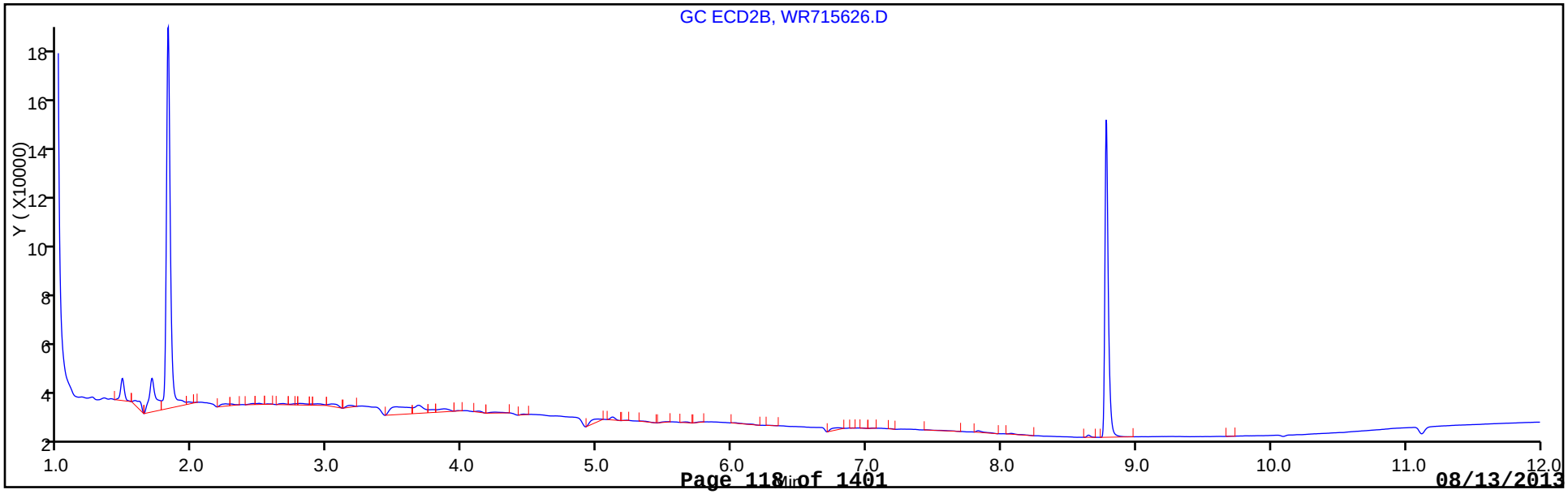
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715626.D		
Injection Date:	09-Aug-2013 14:29:06	Limit Group:	GC 8081A PEST
Client ID:	Post Ex-6 / 4-5'	Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	22
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: FB08052013 | Lab Sample ID: 460-60690-7

Matrix: Water | Lab File ID: QR096486.D

Analysis Method: 8081A | Date Collected: 08/05/2013 11:05

Extraction Method: 3510C | Date Extracted: 08/09/2013 07:43

Sample wt/vol: 125(mL) | Date Analyzed: 08/11/2013 15:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175563 | Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	101		49-132
2051-24-3	DCB Decachlorobiphenyl	61		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096486.D		
Lims ID:	460-60690-B-7-A	Client ID:	FB08052013
Inject. Date:	11-Aug-2013 15:18:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003431-012		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	175563	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:24:45	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:44:13

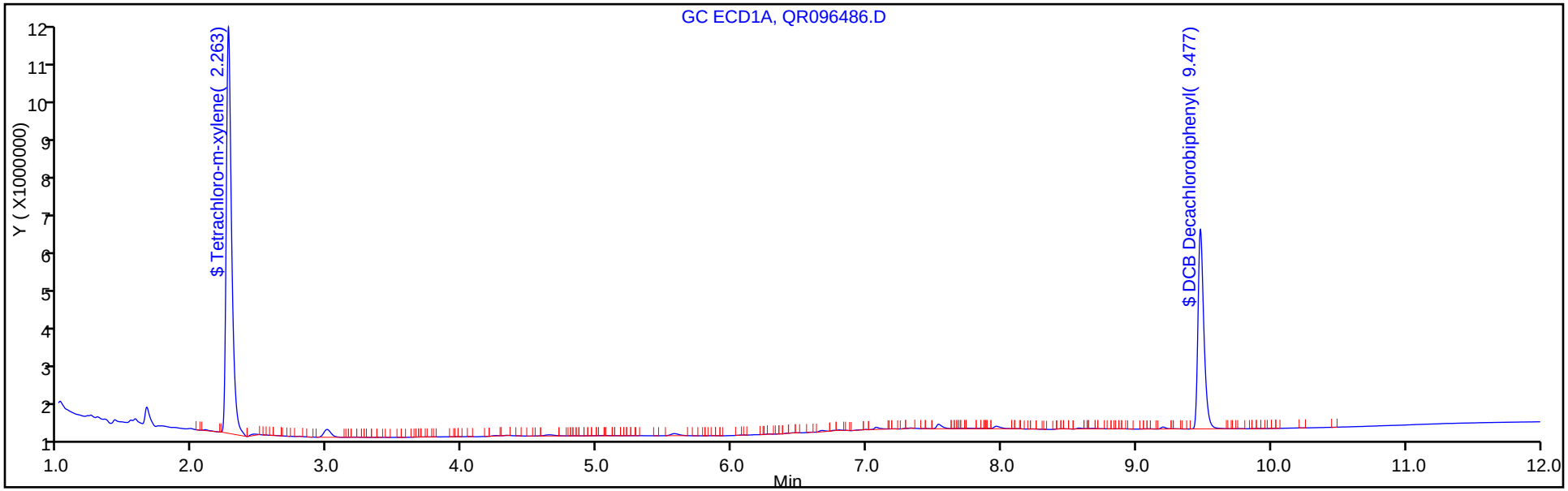
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.263	0.0	28147052	101.5	
2	1.798	1.799	-0.001	41225410	94.5	
					RPD = 7.14	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.476	0.001	15157127	61.2	
2	8.233	8.233	0.0	22721141	59.0	
					RPD = 3.78	

Report Date: 12-Aug-2013 10:24:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

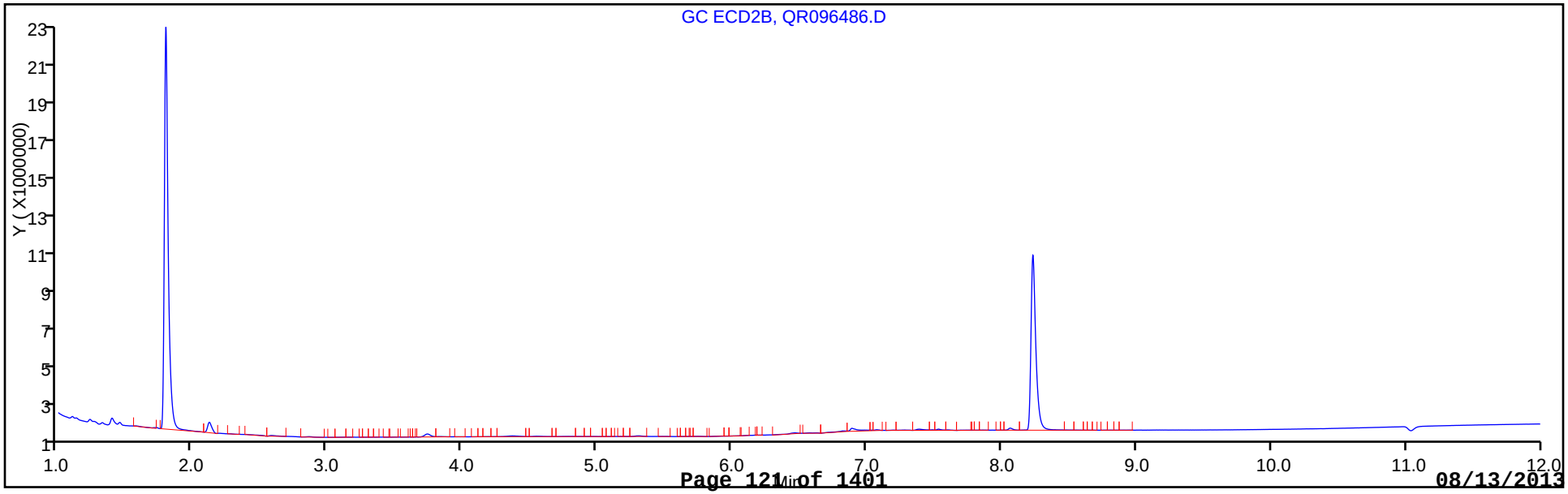
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096486.D		
Injection Date:	11-Aug-2013 15:18:31	Limit Group:	GC 8081A PEST
Client ID:	FB08052013	Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: FB08052013 | Lab Sample ID: 460-60690-7

Matrix: Water | Lab File ID: QR096486.D

Analysis Method: 8081A | Date Collected: 08/05/2013 11:05

Extraction Method: 3510C | Date Extracted: 08/09/2013 07:43

Sample wt/vol: 125(mL) | Date Analyzed: 08/11/2013 15:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175563 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.038
319-84-6	alpha-BHC	0.050	U	0.050	0.036
319-85-7	beta-BHC	0.050	U	0.050	0.037
319-86-8	delta-BHC	0.050	U	0.050	0.033
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.035
57-74-9	Chlordane	0.50	U	0.50	0.21
72-54-8	4,4'-DDD	0.050	U	0.050	0.036
72-55-9	4,4'-DDE	0.050	U	0.050	0.035
50-29-3	4,4'-DDT	0.050	U	0.050	0.036
60-57-1	Dieldrin	0.050	U	0.050	0.033
959-98-8	Endosulfan I	0.050	U	0.050	0.034
33213-65-9	Endosulfan II	0.050	U	0.050	0.035
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.037
72-20-8	Endrin	0.050	U	0.050	0.034
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.035
53494-70-5	Endrin ketone	0.050	U	0.050	0.037
76-44-8	Heptachlor	0.050	U	0.050	0.037
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.035
72-43-5	Methoxychlor	0.050	U	0.050	0.045
8001-35-2	Toxaphene	0.50	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	94		49-132
2051-24-3	DCB Decachlorobiphenyl	59		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096486.D		
Lims ID:	460-60690-B-7-A	Client ID:	FB08052013
Inject. Date:	11-Aug-2013 15:18:31	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	460-0003431-012		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	23
Lims Batch ID:	175563	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:24:45	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:44:13

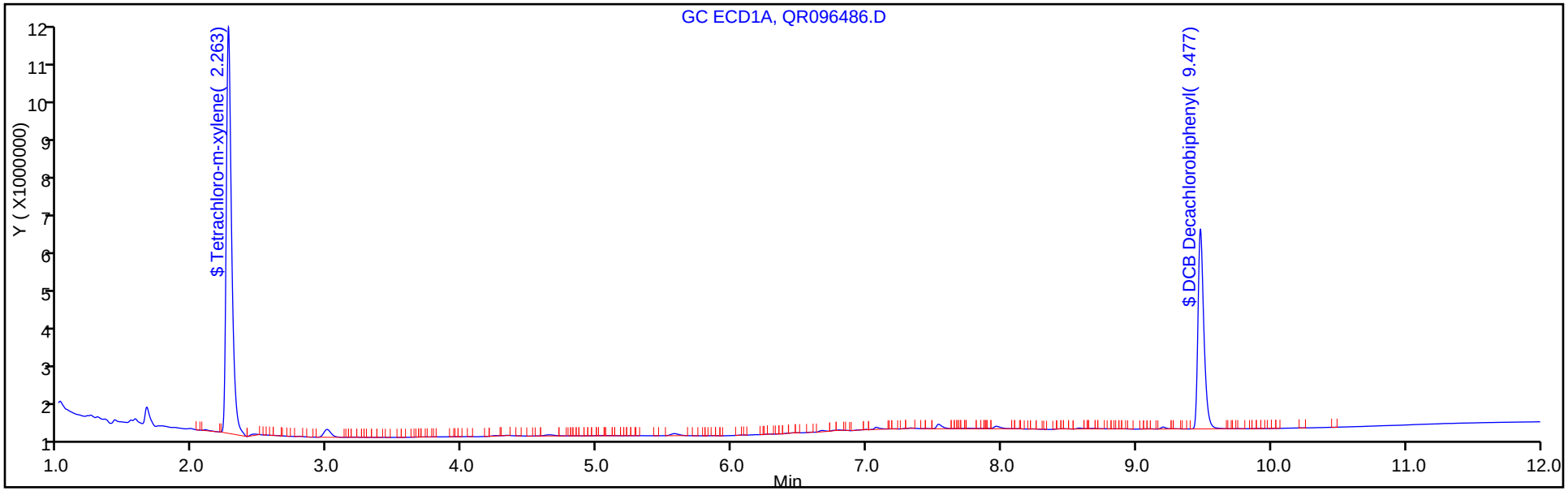
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.263	0.0	28147052	101.5	
2	1.798	1.799	-0.001	41225410	94.5	
					RPD = 7.14	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.476	0.001	15157127	61.2	
2	8.233	8.233	0.0	22721141	59.0	
					RPD = 3.78	

Report Date: 12-Aug-2013 10:24:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

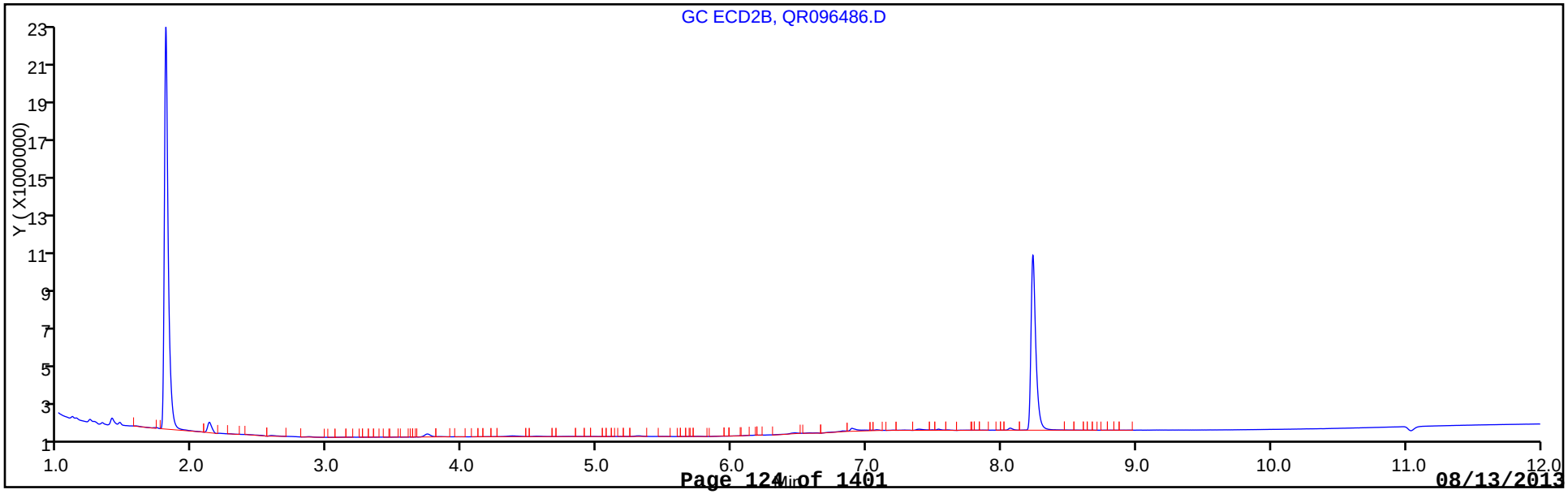
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096486.D		
Injection Date:	11-Aug-2013 15:18:31	Limit Group:	GC 8081A PEST
Client ID:	FB08052013	Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26681

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.367	3.357	3.363	3.357	3.357						3.313 - 3.413	3.360
gamma-BHC (Lindane)	4.037	4.027	4.033	4.027	4.027						3.983 - 4.083	4.030
beta-BHC	4.180	4.170	4.173	4.167	4.167						4.123 - 4.223	4.171
delta-BHC	4.723	4.713	4.717	4.713	4.710						4.667 - 4.767	4.715
Heptachlor	4.847	4.837	4.840	4.837	4.837						4.790 - 4.890	4.840
Aldrin	5.477	5.467	5.470	5.467	5.467						5.420 - 5.520	5.470
Heptachlor epoxide	6.450	6.443	6.447	6.443	6.443						6.377 - 6.517	6.445
gamma-Chlordane	6.663	6.660	6.660	6.657	6.657						6.590 - 6.730	6.659
alpha-Chlordane	6.820	6.813	6.817	6.813	6.813						6.747 - 6.887	6.815
Endosulfan I	6.887	6.883	6.883	6.883	6.880						6.813 - 6.953	6.883
4,4'-DDE	6.980	6.973	6.977	6.973	6.973						6.907 - 7.047	6.975
Dieldrin	7.183	7.180	7.183	7.180	7.180						7.113 - 7.253	7.181
Endrin	7.533	7.527	7.527	7.527	7.527						7.457 - 7.597	7.528
4,4'-DDD	7.623	7.620	7.620	7.620	7.617						7.550 - 7.690	7.620
Endosulfan II	7.770	7.767	7.767	7.763	7.763						7.697 - 7.837	7.766
4,4'-DDT	7.993	7.987	7.990	7.987	7.987						7.920 - 8.060	7.989
Endrin aldehyde	8.160	8.157	8.157	8.153	8.153						8.087 - 8.227	8.156
Endosulfan sulfate	8.427	8.423	8.423	8.423	8.423						8.353 - 8.493	8.424
Methoxychlor	8.640	8.637	8.640	8.637	8.637						8.570 - 8.710	8.638
Endrin ketone	8.847	8.843	8.843	8.843	8.843						8.773 - 8.913	8.844
Tetrachloro-m-xylene	2.337	2.330	2.333	2.330	2.330						2.283 - 2.383	2.332
DCB Decachlorobiphenyl	9.843	9.843	9.843	9.843	9.843						9.743 - 9.943	9.843

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26681

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5416.2 5285.8	5488.2	5247.8	5387.7	Ave		5365.15560				1.8		20.0			
gamma-BHC (Lindane)	4774.9 4666.0	4838.0	4545.1	4742.8	Ave		4713.36280				2.4		20.0			
beta-BHC	2668.8 2200.6	2402.9	2173.8	2239.9	Ave		2337.19400				8.8		20.0			
delta-BHC	4429.7 4556.8	4520.7	4345.6	4579.5	Ave		4486.46760				2.2		20.0			
Heptachlor	3747.4 3482.4	3515.4	3419.9	3491.2	Ave		3531.26600				3.6		20.0			
Aldrin	4267.0 4243.9	4281.2	4136.6	4308.8	Ave		4247.49120				1.6		20.0			
Heptachlor epoxide	3973.2 3364.4	3530.9	3403.1	3404.4	Ave		3535.20240				7.2		20.0			
gamma-Chlordane	3725.9 3332.8	3422.0	3368.1	3330.6	Ave		3435.87680				4.8		20.0			
alpha-Chlordane	3495.1 3119.4	3312.8	3103.1	3116.4	Ave		3229.35880				5.3		20.0			
Endosulfan I	3350.4 3060.0	3182.7	3059.9	3085.2	Ave		3147.65760				3.9		20.0			
4,4'-DDE	3525.7 3244.0	3231.7	3213.9	3241.3	Ave		3291.33880				4.0		20.0			
Dieldrin	3463.3 3377.5	3391.0	3318.9	3377.7	Ave		3385.68040				1.5		20.0			
Endrin	2963.4 2995.3	3026.7	2931.5	2996.6	Ave		2982.66640				1.2		20.0			
4,4'-DDD	2568.6 2748.9	2744.4	2632.4	2727.1	Ave		2684.26440				3.0		20.0			
Endosulfan II	3209.4 2883.2	3000.0	2839.3	2888.3	Ave		2964.04120				5.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26681

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2931.5 2925.5	2849.7	2778.4	2882.6	Ave		2873.55080				2.2		20.0			
Endrin aldehyde	2539.8 2252.8	2346.2	2185.5	2258.8	Ave		2316.62480				5.9		20.0			
Endosulfan sulfate	2692.0 2461.2	2552.1	2406.2	2447.2	Ave		2511.74160				4.5		20.0			
Methoxychlor	1574.1 1399.6	1555.9	1465.9	1391.0	Ave		1477.30960				5.8		20.0			
Endrin ketone	3145.2 2761.2	2756.4	2703.3	2729.1	Ave		2819.03200				6.5		20.0			
Tetrachloro-m-xylene	4198.2 3730.4	4182.0	3842.1	3804.5	Ave		3951.44967				5.6		20.0			
DCB Decachlorobiphenyl	2357.7 2093.4	2351.8	2155.6	2120.7	Ave		2215.81367				5.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26681

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	54162	274410	524784	1346934	2642901	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	47749	241901	454513	1185693	2332996	10.0	50.0	100	250	500
beta-BHC	Ave	26688	120145	217378	559971	1100303	10.0	50.0	100	250	500
delta-BHC	Ave	44297	226036	434560	1144875	2278409	10.0	50.0	100	250	500
Heptachlor	Ave	37474	175772	341985	872801	1741218	10.0	50.0	100	250	500
Aldrin	Ave	42670	214059	413656	1077198	2121962	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	39732	176545	340309	851107	1682197	10.0	50.0	100	250	500
gamma-Chlordane	Ave	37259	171102	336808	832644	1666394	10.0	50.0	100	250	500
alpha-Chlordane	Ave	34951	165640	310310	779089	1559719	10.0	50.0	100	250	500
Endosulfan I	Ave	33504	159137	305993	771301	1530007	10.0	50.0	100	250	500
4,4'-DDE	Ave	35257	161587	321394	810324	1622009	10.0	50.0	100	250	500
Dieldrin	Ave	34633	169551	331893	844419	1688738	10.0	50.0	100	250	500
Endrin	Ave	29634	151333	293146	749138	1497630	10.0	50.0	100	250	500
4,4'-DDD	Ave	25686	137218	263237	681780	1374436	10.0	50.0	100	250	500
Endosulfan II	Ave	32094	150001	283930	722066	1441611	10.0	50.0	100	250	500
4,4'-DDT	Ave	29315	142484	277842	720658	1462761	10.0	50.0	100	250	500
Endrin aldehyde	Ave	25398	117309	218551	564709	1126399	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	26920	127603	240623	611800	1230609	10.0	50.0	100	250	500
Methoxychlor	Ave	15741	77796	146593	347739	699821	10.0	50.0	100	250	500
Endrin ketone	Ave	31452	137818	270331	682269	1380607	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	104956	209100	384208	570674	746087	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	58942	117588	215558	318101	418675	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715150.D		
Lims ID:	IC 3	Client ID:	
Inject. Date:	29-Jul-2013 07:17:41	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0002872-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	173095	Lims Sample ID:	4
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:44	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.333	2.333	0.0	384208	97.2	
2	1.823	1.823	0.0	374168	99.3	
					RPD = 2.14	
15 alpha-BHC						
1	3.363	3.363	0.0	524784	97.8	
2	2.310	2.310	0.0	524679	95.3	
					RPD = 2.65	
2 gamma-BHC (Lindane)						
1	4.033	4.033	0.0	454513	96.4	
2	2.693	2.693	0.0	490618	96.7	
					RPD = 0.26	
6 beta-BHC						
1	4.173	4.173	0.0	217378	93.0	
2	2.820	2.820	0.0	233924	96.8	
					RPD = 4.01	
32 delta-BHC						
1	4.717	4.717	0.0	434560	96.9	
2	3.120	3.120	0.0	477268	95.2	
					RPD = 1.75	
18 Heptachlor						
1	4.840	4.840	0.0	341985	96.8	
2	3.473	3.473	0.0	435544	97.4	
					RPD = 0.54	
8 Aldrin						
1	5.470	5.470	0.0	413656	97.4	
2	3.977	3.977	0.0	434289	96.8	
					RPD = 0.61	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.447	6.447	0.0	340309	96.3	
2	4.993	4.993	0.0	381452	96.8	
					RPD = 0.60	
9 gamma-Chlordane						
1	6.660	6.660	0.0	336808	98.0	
2	5.213	5.213	0.0	385477	96.3	
					RPD = 1.78	
23 alpha-Chlordane						
1	6.817	6.817	0.0	310310	96.1	
2	5.457	5.457	0.0	373106	96.5	
					RPD = 0.43	
7 Endosulfan I						
1	6.883	6.883	0.0	305993	97.2	
2	5.710	5.710	0.0	366797	97.6	
					RPD = 0.35	
25 4,4'-DDE						
1	6.977	6.977	0.0	321394	97.6	
2	5.607	5.607	0.0	369418	97.5	
					RPD = 0.11	
30 Dieldrin						
1	7.183	7.183	0.0	331893	98.0	
2	6.133	6.133	0.0	374893	97.3	
					RPD = 0.80	
20 Endrin						
1	7.527	7.527	0.0	293146	98.3	
2	6.437	6.437	0.0	322098	97.4	
					RPD = 0.87	
16 4,4'-DDD						
1	7.620	7.620	0.0	263237	98.1	
2	6.513	6.513	0.0	292342	96.3	
					RPD = 1.83	
11 Endosulfan II						
1	7.767	7.767	0.0	283930	95.8	
2	6.677	6.677	0.0	298505	96.0	
					RPD = 0.22	
21 4,4'-DDT						
1	7.990	7.990	0.0	277842	96.7	
2	6.807	6.807	0.0	314255	96.4	
					RPD = 0.32	
5 Endrin aldehyde						
1	8.157	8.157	0.0	218551	94.3	
2	7.103	7.103	0.0	244241	94.9	
					RPD = 0.57	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	240623	95.8	
2	7.567	7.567	0.0	281413	96.0	
					RPD = 0.17	

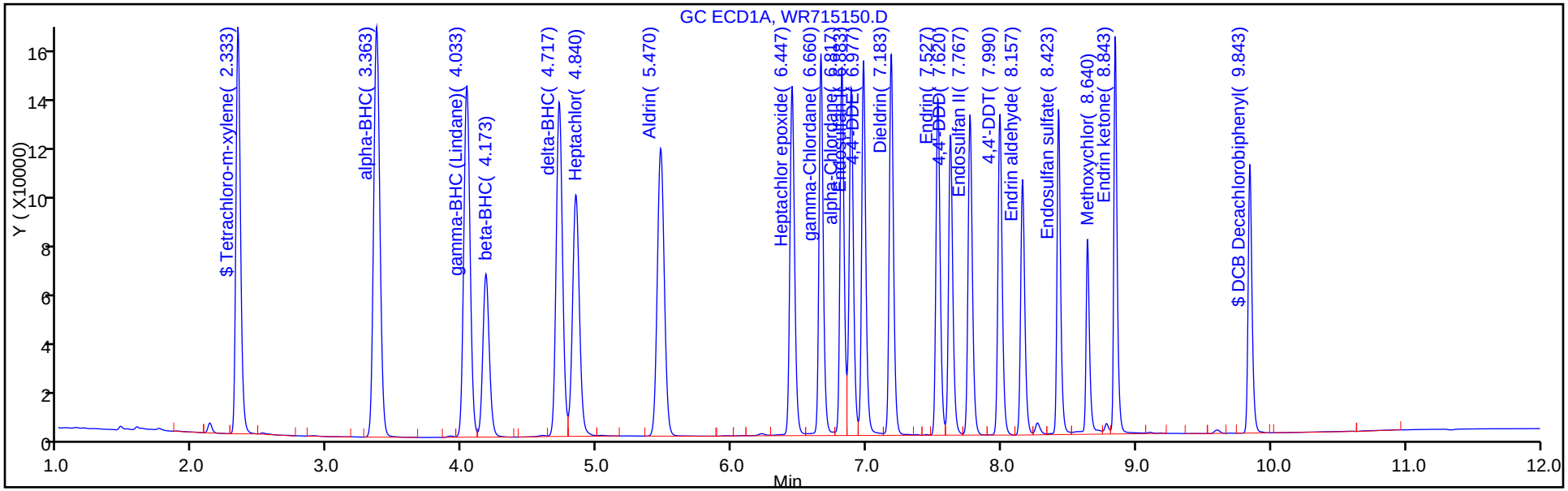
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.640	8.640	0.0	146593	99.2	
2	7.313	7.313	0.0	163468	95.9	
					RPD = 3.38	
13 Endrin ketone						
1	8.843	8.843	0.0	270331	95.9	
2	7.880	7.880	0.0	318832	96.4	
					RPD = 0.49	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	215558	97.3	
2	8.793	8.793	0.0	260312	98.8	
					RPD = 1.60	

Report Date: 29-Jul-2013 09:27:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

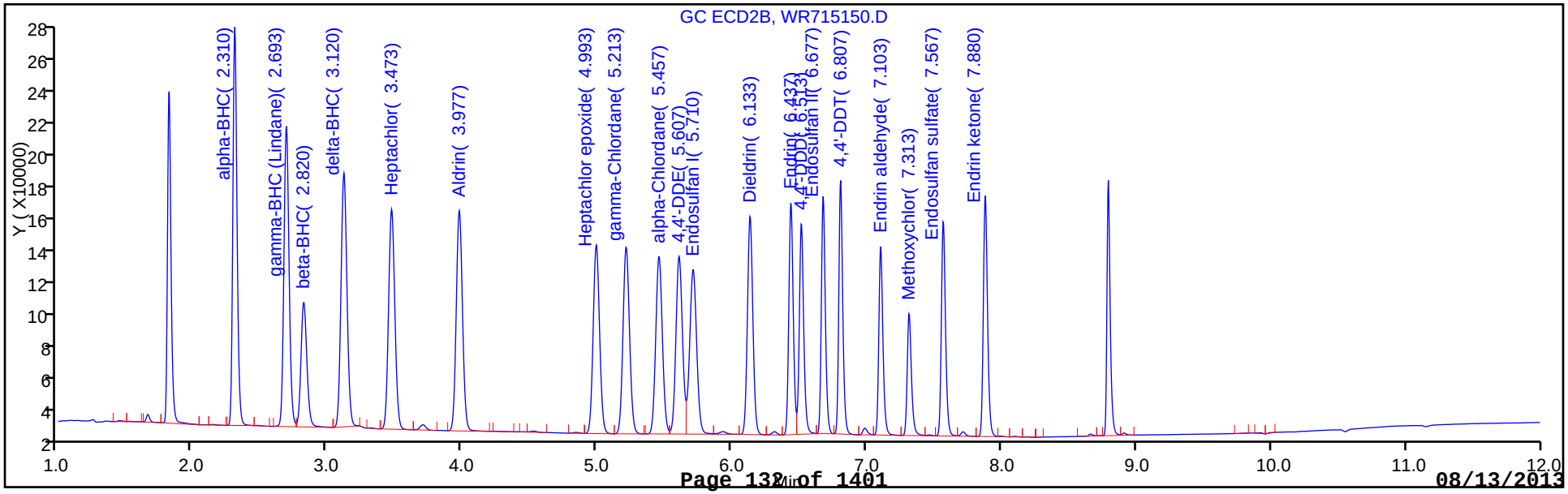
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715150.D		
Injection Date:	29-Jul-2013 07:17:41	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	29-Jul-2013 07:33:11	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	460-0002872-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	173095	Lims Sample ID:	5
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:47	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 08:45:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.337	2.333	0.004	104956	26.6	
2	1.823	1.823	0.0	95343	25.3	
					RPD = 4.82	
15 alpha-BHC						
1	3.367	3.363	0.004	54162	10.1	
2	2.310	2.310	0.0	57568	10.5	
					RPD = 3.47	
2 gamma-BHC (Lindane)						
1	4.037	4.033	0.004	47749	10.1	
2	2.693	2.693	0.0	52176	10.3	
					RPD = 1.48	
6 beta-BHC						
1	4.180	4.173	0.007	26688	11.4	
2	2.823	2.820	0.003	24991	10.3	
					RPD = 9.89	
32 delta-BHC						
1	4.723	4.717	0.006	44297	9.87	
2	3.123	3.120	0.003	49141	9.80	
					RPD = 0.74	
18 Heptachlor						
1	4.847	4.840	0.007	37474	10.6	
2	3.477	3.473	0.004	46642	10.4	
					RPD = 1.76	
8 Aldrin						
1	5.477	5.470	0.007	42670	10.0	
2	3.977	3.977	0.0	45432	10.1	
					RPD = 0.79	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.450	6.447	0.003	39732	11.2	
2	4.997	4.993	0.004	40987	10.4	
					RPD = 7.70	
9 gamma-Chlordane						M
1	6.663	6.660	0.003	37259	10.8	M
2	5.217	5.213	0.004	40681	10.2	
					RPD = 6.49	
23 alpha-Chlordane						M
1	6.820	6.817	0.003	34951	10.8	M
2	5.460	5.457	0.003	39182	10.1	
					RPD = 6.57	
7 Endosulfan I						M
1	6.887	6.883	0.004	33504	10.6	M
2	5.713	5.710	0.003	38507	10.2	
					RPD = 3.86	
25 4,4'-DDE						
1	6.980	6.977	0.003	35257	10.7	
2	5.610	5.607	0.003	36512	9.64	
					RPD = 10.53	
30 Dieldrin						
1	7.183	7.183	0.0	34633	10.2	
2	6.137	6.133	0.004	39393	10.2	
					RPD = 0.10	
20 Endrin						
1	7.533	7.527	0.006	29634	9.94	
2	6.440	6.437	0.003	34767	10.5	
					RPD = 5.68	
16 4,4'-DDD						
1	7.623	7.620	0.003	25686	9.57	
2	6.517	6.513	0.004	30607	10.1	
					RPD = 5.21	
11 Endosulfan II						
1	7.770	7.767	0.003	32094	10.8	
2	6.680	6.677	0.003	33156	10.7	
					RPD = 1.53	
21 4,4'-DDT						
1	7.993	7.990	0.003	29315	10.2	
2	6.807	6.807	0.0	33542	10.3	
					RPD = 0.84	
5 Endrin aldehyde						
1	8.160	8.157	0.003	25398	11.0	
2	7.107	7.103	0.004	27931	10.9	
					RPD = 1.04	
3 Endosulfan sulfate						
1	8.427	8.423	0.004	26920	10.7	
2	7.570	7.567	0.003	32009	10.9	
					RPD = 1.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.640	8.640	0.0	15741	10.7	
2	7.317	7.313	0.004	19448	11.4	
					RPD = 6.87	
13 Endrin ketone						
1	8.847	8.843	0.004	31452	11.2	
2	7.883	7.880	0.003	35527	10.7	
					RPD = 3.83	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	58942	26.6	
2	8.793	8.793	0.0	67511	25.6	
					RPD = 3.69	

QC Flag Legend

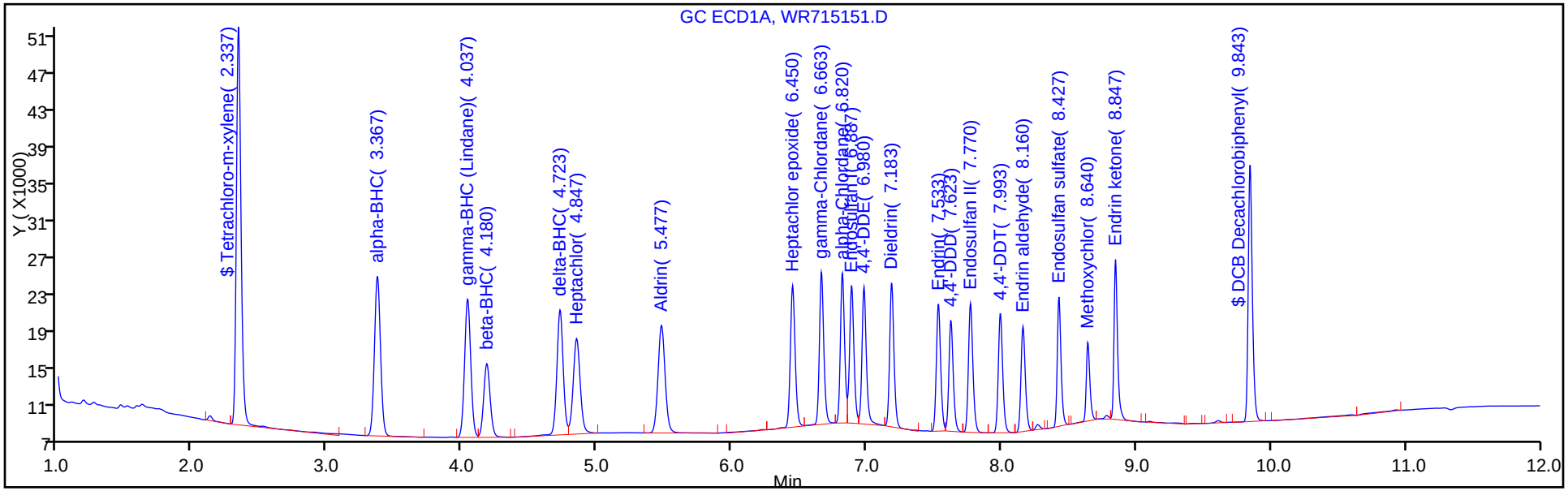
Review Flags
M - Manually Integrated

Report Date: 29-Jul-2013 09:27:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

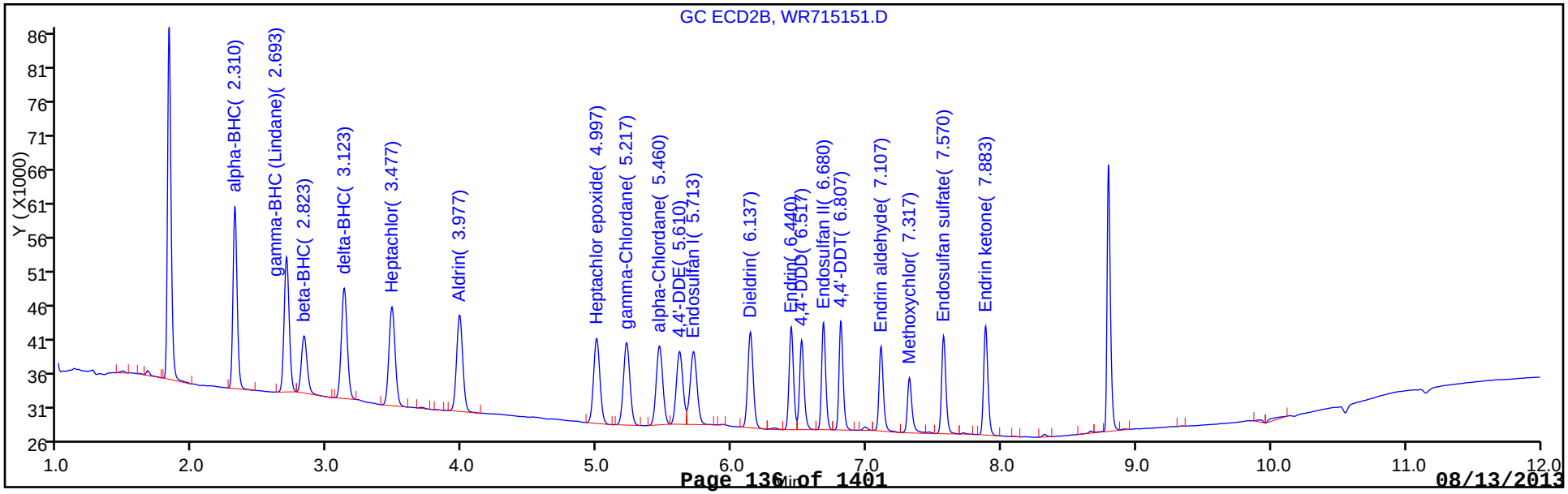
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Injection Date:	29-Jul-2013 07:33:11	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 29-Jul-2013 09:27:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

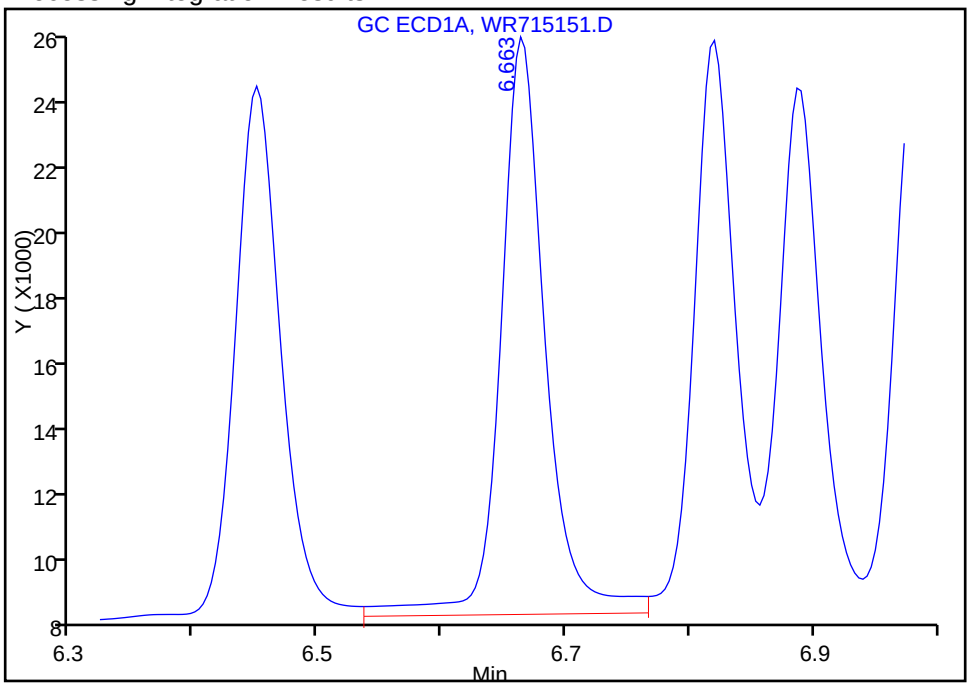
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Injection Date:	29-Jul-2013 07:33:11	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 gamma-Chlordane, Signal: 1, Type: quant, RT: 6.66, Det: GC ECD1A

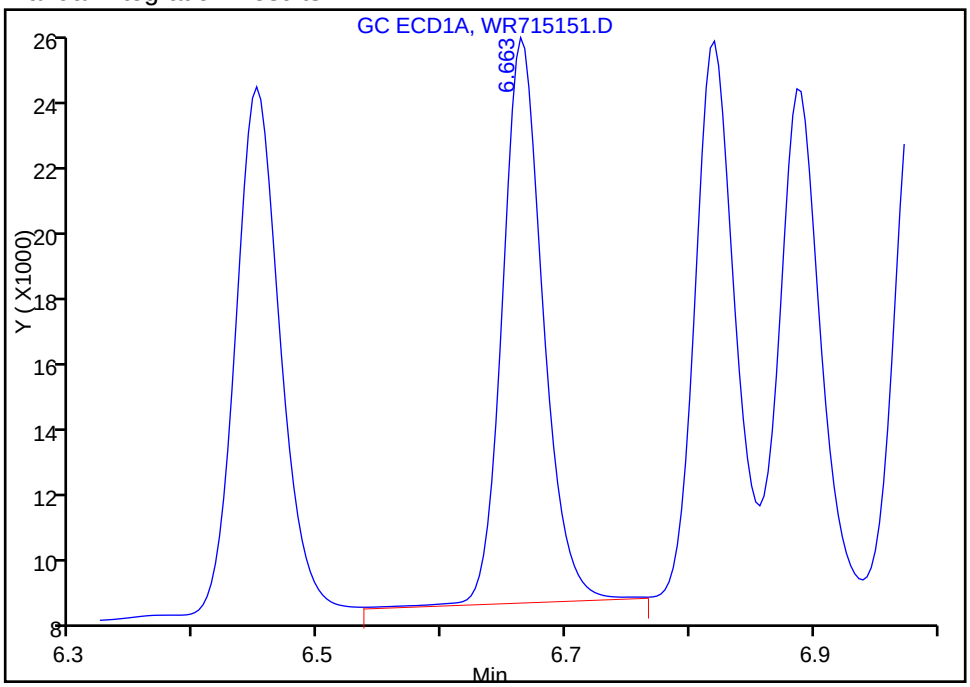
Processing Integration Results

RT: 6.66
Response: 41896
Amount: 11.787735



Manual Integration Results

RT: 6.66
Response: 37259
Amount: 10.844102



Reviewer: manlangitf, 29-Jul-2013 08:45:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

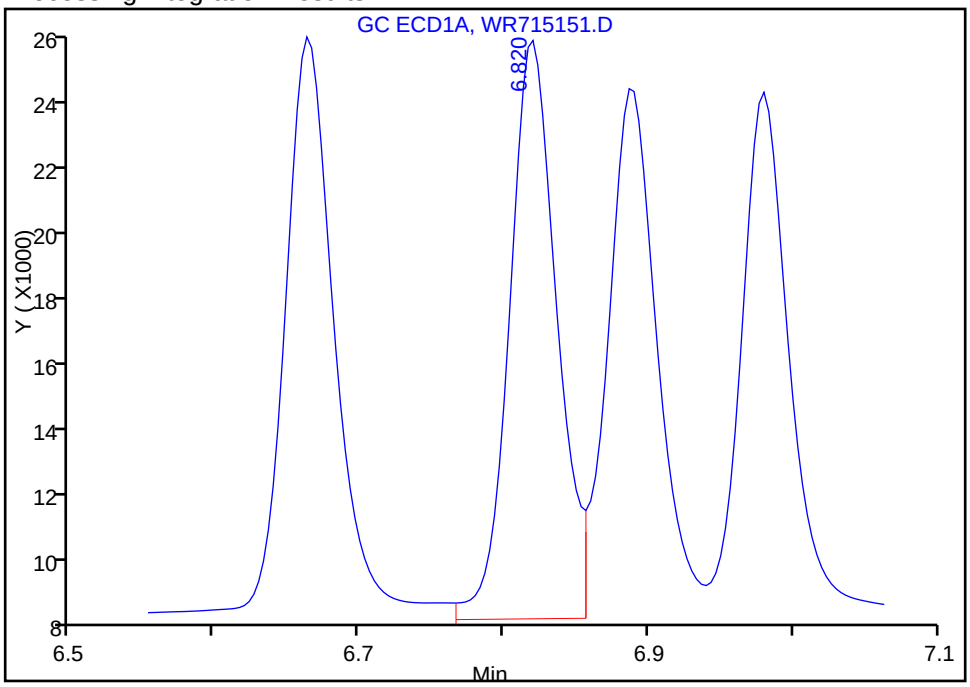
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Injection Date:	29-Jul-2013 07:33:11	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

23 alpha-Chlordane, Signal: 1, Type: quant, RT: 6.82, Det: GC ECD1A

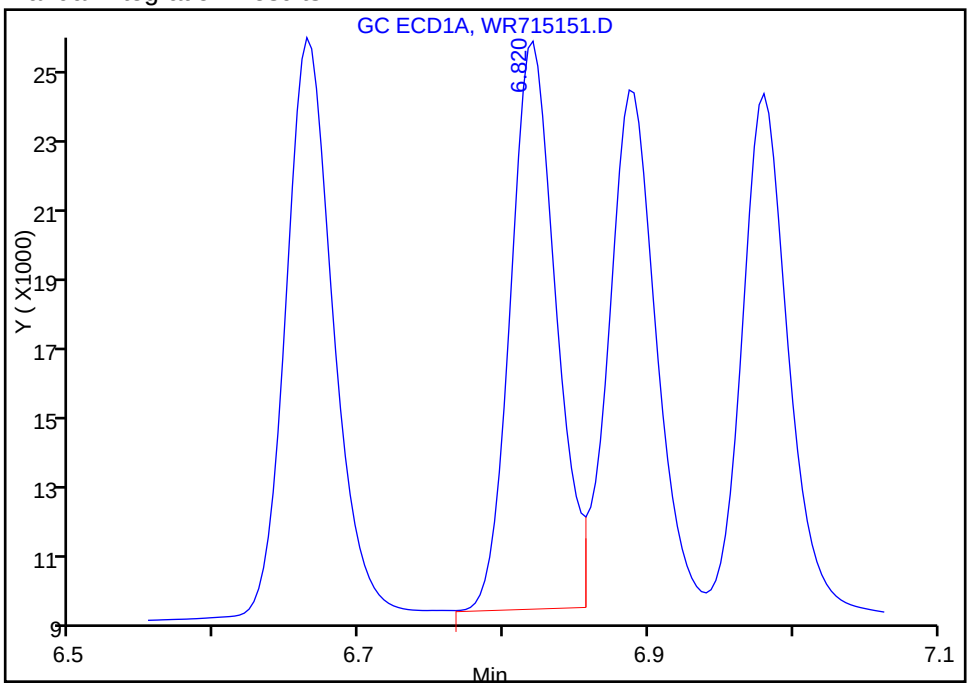
Processing Integration Results

RT: 6.82
Response: 37551
Amount: 11.318060



Manual Integration Results

RT: 6.82
Response: 34951
Amount: 10.822892



Reviewer: manlangitf, 29-Jul-2013 08:45:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

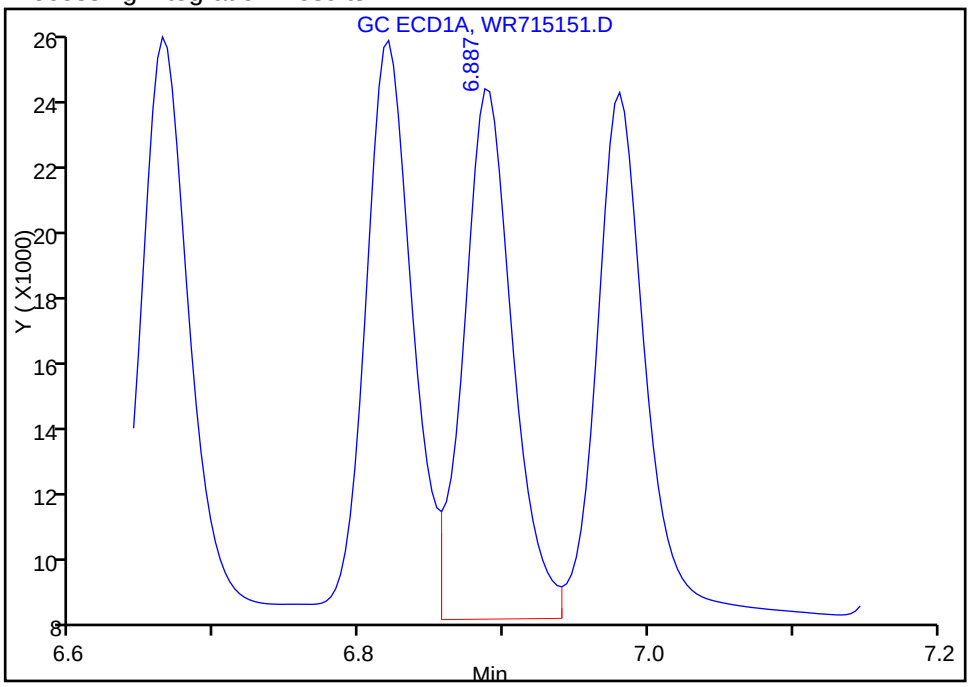
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Injection Date:	29-Jul-2013 07:33:11	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.88, Det: GC ECD1A

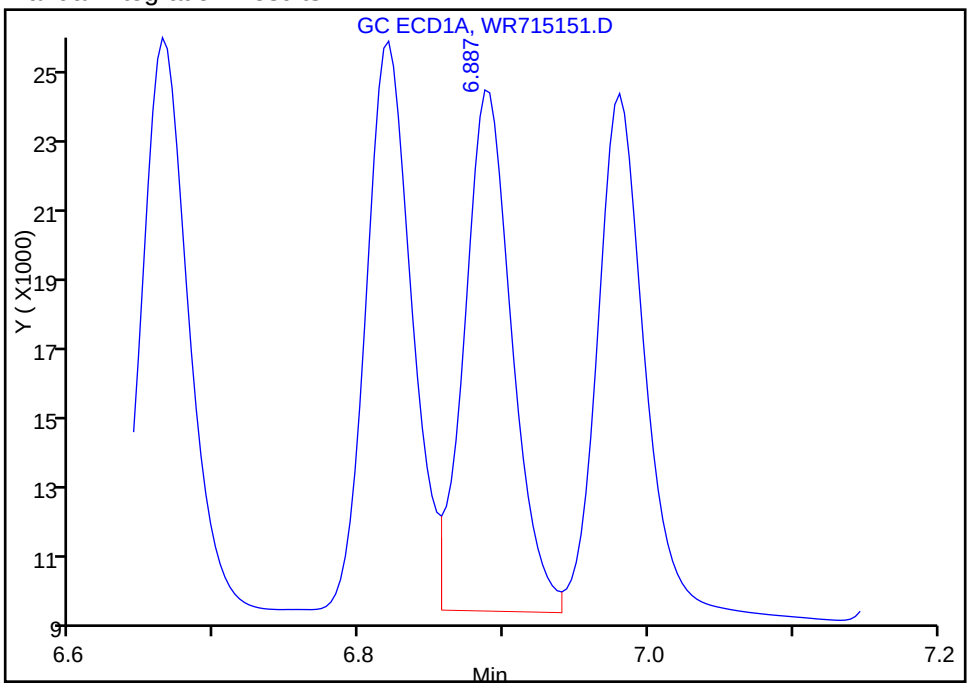
Processing Integration Results

RT: 6.89
Response: 35334
Amount: 10.998665



Manual Integration Results

RT: 6.89
Response: 33504
Amount: 10.644106



Reviewer: manlangitf, 29-Jul-2013 08:45:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Lims ID:	IC 2	Client ID:	
Inject. Date:	29-Jul-2013 07:47:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0002872-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	173095	Lims Sample ID:	6
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:49	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 08:24:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	209100	52.9	
2	1.823	1.823	0.0	197003	52.3	
					RPD = 1.17	
15 alpha-BHC						
1	3.357	3.363	-0.006	274410	51.1	
2	2.310	2.310	0.0	274494	49.8	
					RPD = 2.60	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	241901	51.3	
2	2.693	2.693	0.0	257628	50.8	
					RPD = 1.09	
6 beta-BHC						
1	4.170	4.173	-0.003	120145	51.4	
2	2.823	2.820	0.003	124058	51.3	
					RPD = 0.12	
32 delta-BHC						
1	4.713	4.717	-0.004	226036	50.4	
2	3.120	3.120	0.0	257181	51.3	
					RPD = 1.79	
18 Heptachlor						
1	4.837	4.840	-0.003	175772	49.8	
2	3.473	3.473	0.0	228058	51.0	
					RPD = 2.40	
8 Aldrin						
1	5.467	5.470	-0.003	214059	50.4	
2	3.977	3.977	0.0	227663	50.7	
					RPD = 0.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						M
1	6.443	6.447	-0.004	176545	49.9	M
2	4.993	4.993	0.0	200508	50.9	
					RPD = 1.91	
9 gamma-Chlordane						M
1	6.660	6.660	0.0	171102	49.8	M
2	5.217	5.213	0.004	201306	50.3	
					RPD = 0.98	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	165640	51.3	
2	5.460	5.457	0.003	196203	50.8	
					RPD = 1.06	
7 Endosulfan I						M
1	6.883	6.883	0.0	159137	50.6	M
2	5.713	5.710	0.003	194795	51.8	
					RPD = 2.44	
25 4,4'-DDE						M
1	6.973	6.977	-0.004	161587	49.1	M
2	5.610	5.607	0.003	189723	50.1	
					RPD = 2.02	
30 Dieldrin						M
1	7.180	7.183	-0.003	169551	50.1	M
2	6.133	6.133	0.0	194551	50.5	
					RPD = 0.77	
20 Endrin						
1	7.527	7.527	0.0	151333	50.7	
2	6.437	6.437	0.0	166876	50.5	
					RPD = 0.51	
16 4,4'-DDD						
1	7.620	7.620	0.0	137218	51.1	
2	6.517	6.513	0.004	151706	50.0	
					RPD = 2.28	
11 Endosulfan II						
1	7.767	7.767	0.0	150001	50.6	
2	6.677	6.677	0.0	157336	50.6	
					RPD = 0.01	
21 4,4'-DDT						
1	7.987	7.990	-0.003	142484	49.6	
2	6.807	6.807	0.0	161965	49.7	
					RPD = 0.18	
5 Endrin aldehyde						
1	8.157	8.157	0.0	117309	50.6	
2	7.103	7.103	0.0	130428	50.7	
					RPD = 0.06	
3 Endosulfan sulfate						M
1	8.423	8.423	0.0	127603	50.8	M
2	7.570	7.567	0.003	148337	50.6	
					RPD = 0.44	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.637	8.640	-0.003	77796	52.7	M
2	7.313	7.313	0.0	87014	51.1	
					RPD = 3.08	
13 Endrin ketone						M
1	8.843	8.843	0.0	137818	48.9	M
2	7.880	7.880	0.0	166752	50.4	
					RPD = 3.04	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	117588	53.1	
2	8.793	8.793	0.0	140245	53.3	
					RPD = 0.35	

QC Flag Legend

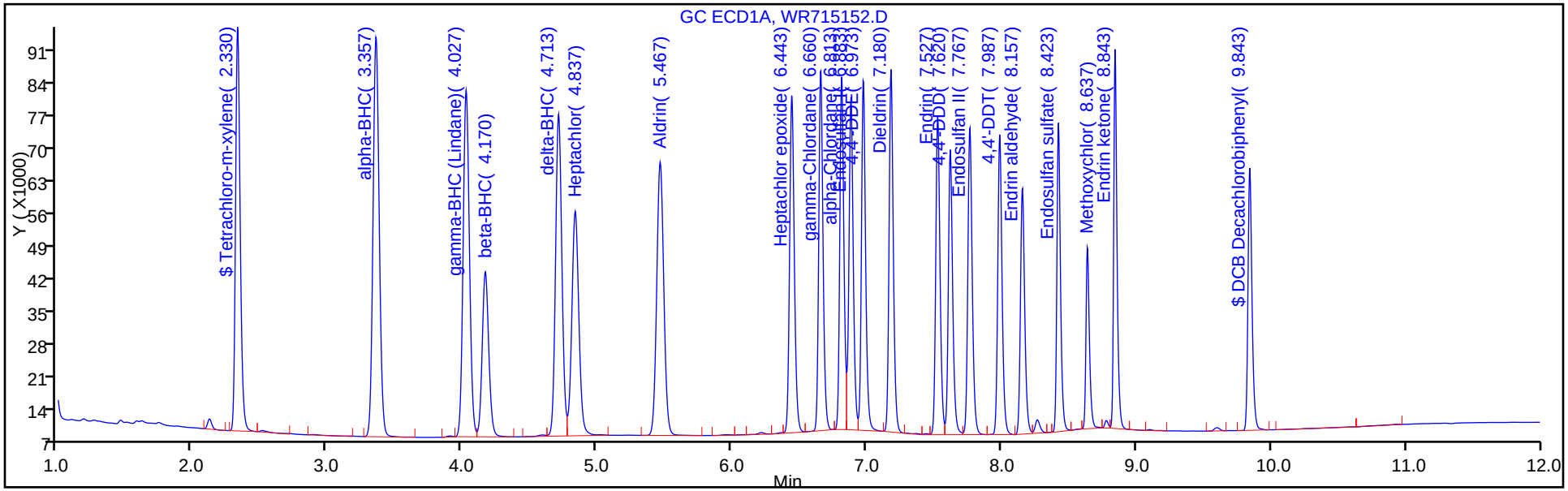
Review Flags
M - Manually Integrated

Report Date: 29-Jul-2013 09:27:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

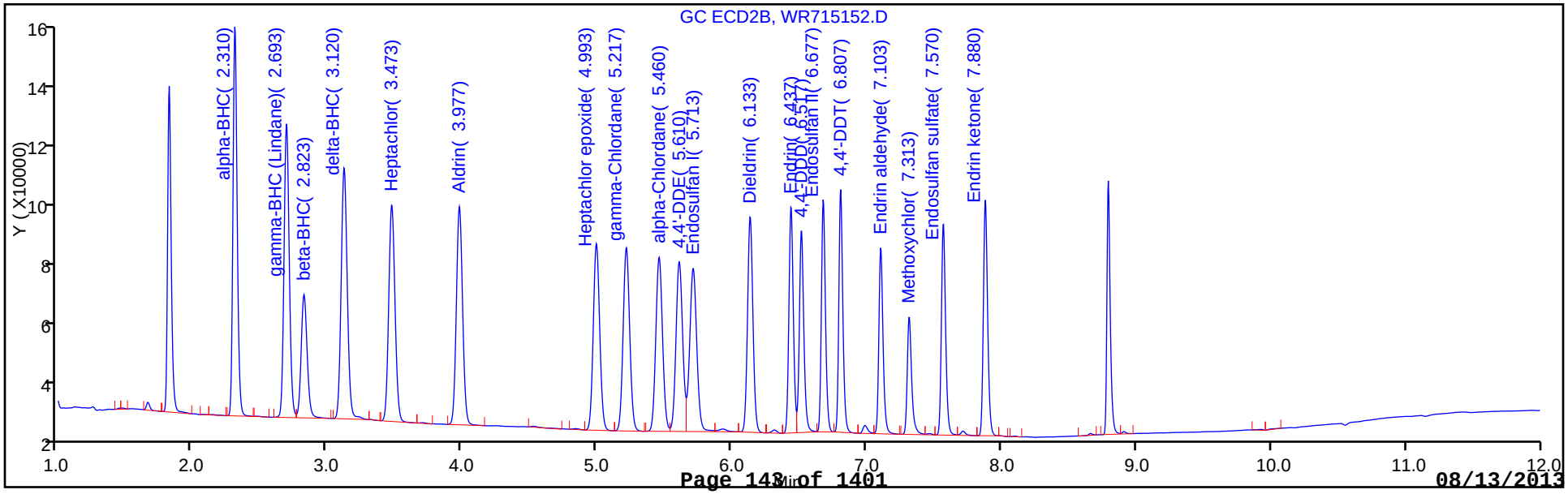
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

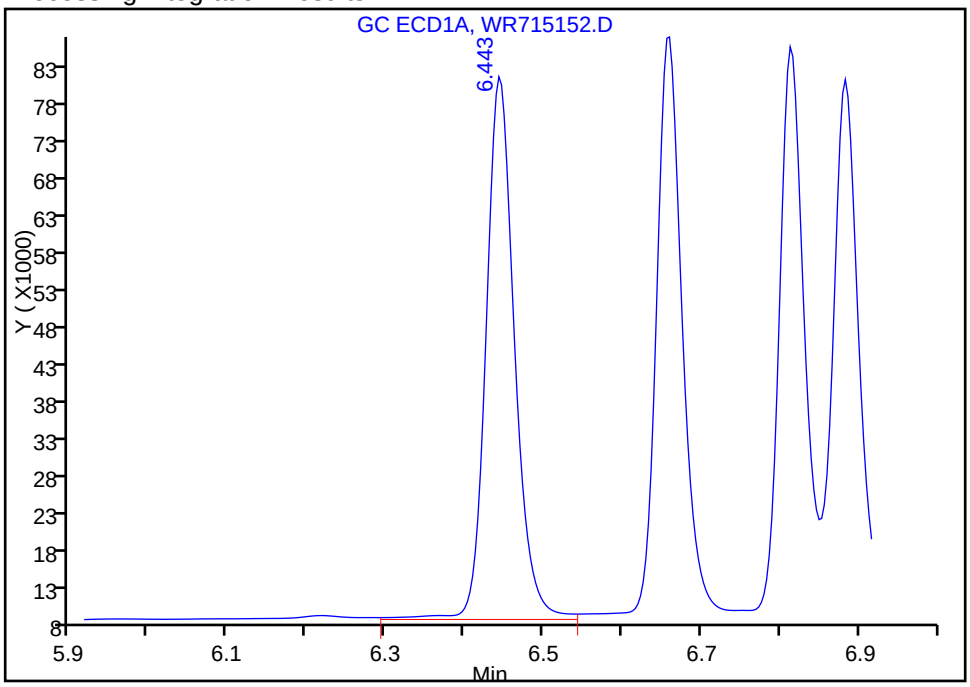
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

12 Heptachlor epoxide, Signal: 1, Type: quant, RT: 6.45, Det: GC ECD1A

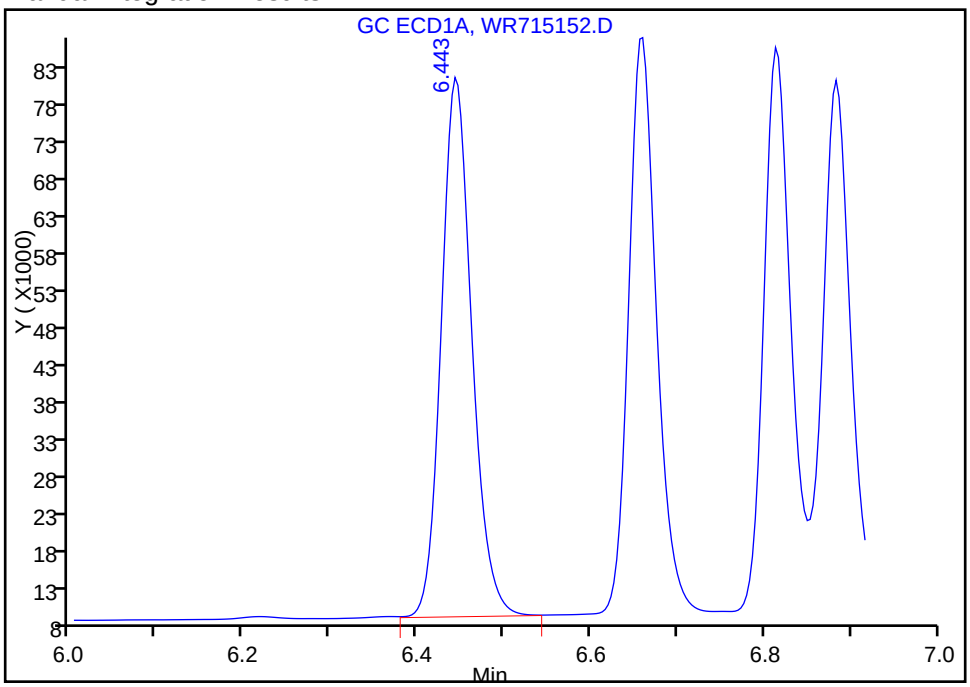
Processing Integration Results

RT: 6.44
Response: 183626
Amount: 50.548996



Manual Integration Results

RT: 6.44
Response: 176545
Amount: 49.939149



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

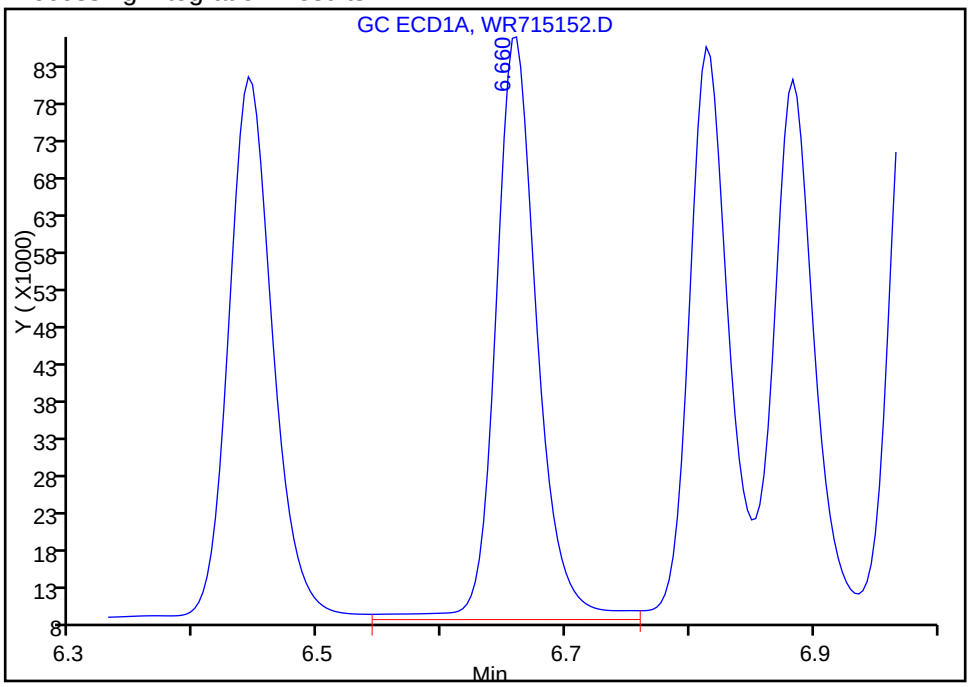
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 gamma-Chlordane, Signal: 1, Type: quant, RT: 6.66, Det: GC ECD1A

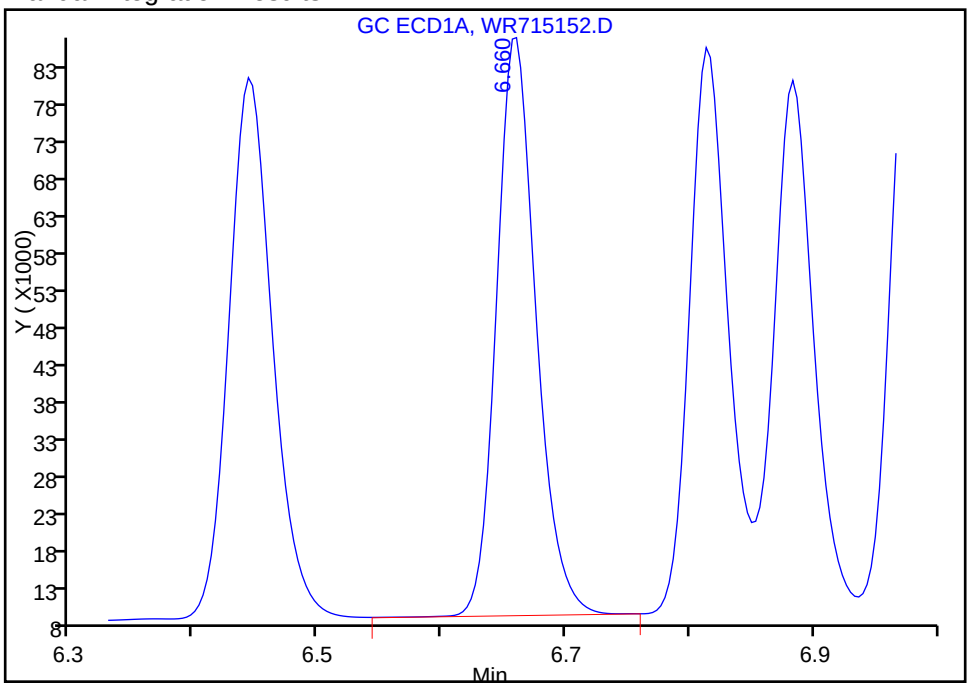
Processing Integration Results

RT: 6.66
Response: 182978
Amount: 50.184862



Manual Integration Results

RT: 6.66
Response: 171102
Amount: 49.798642



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

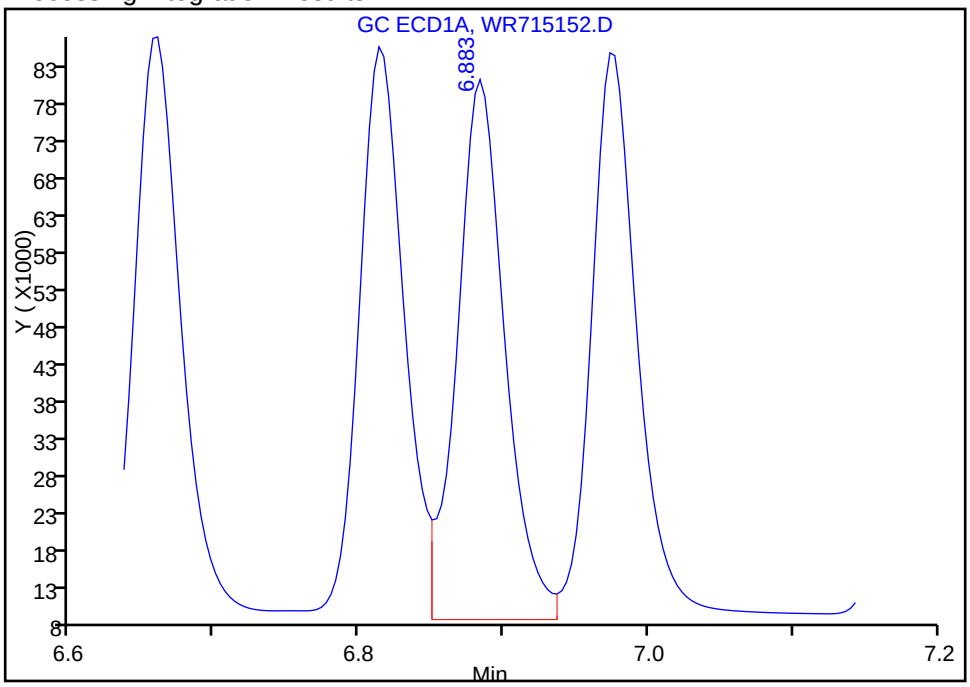
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.88, Det: GC ECD1A

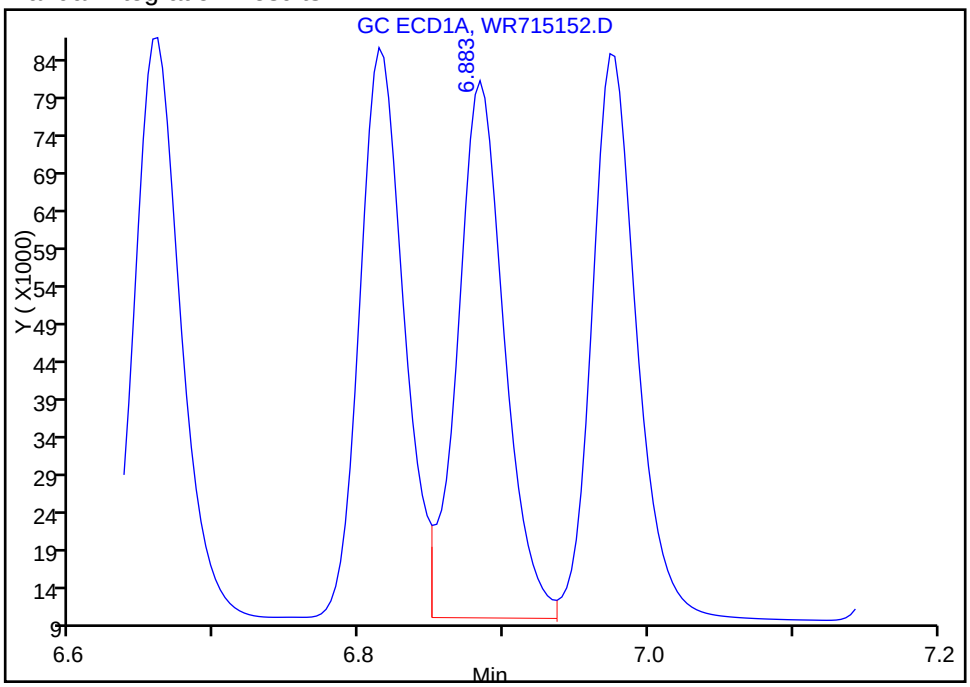
Processing Integration Results

RT: 6.88
Response: 164764
Amount: 50.363473



Manual Integration Results

RT: 6.88
Response: 159137
Amount: 50.557278



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

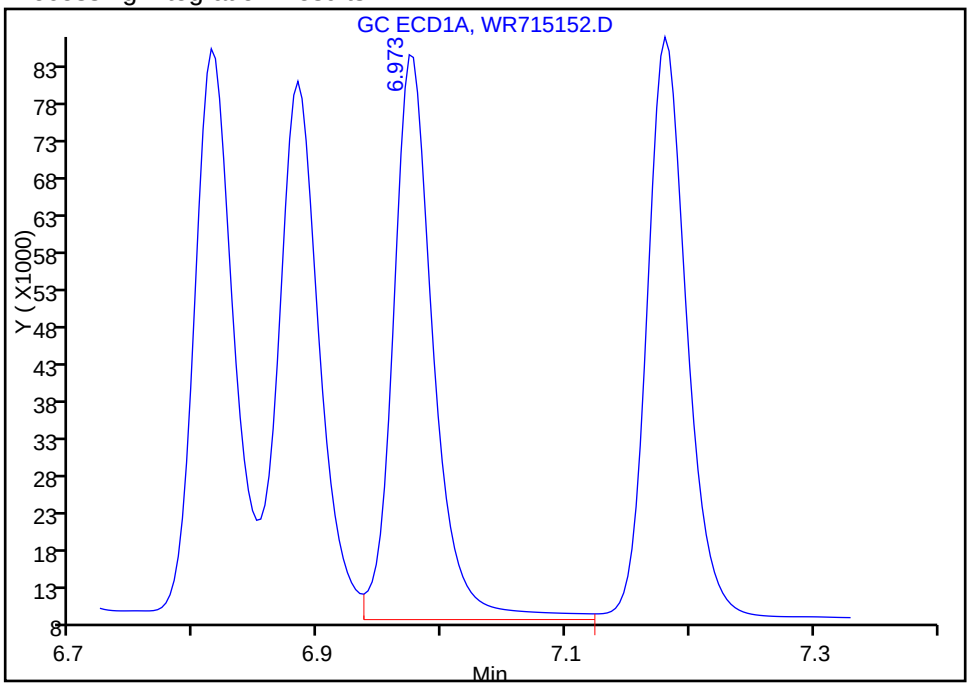
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 1, Type: quant, RT: 6.98, Det: GC ECD1A

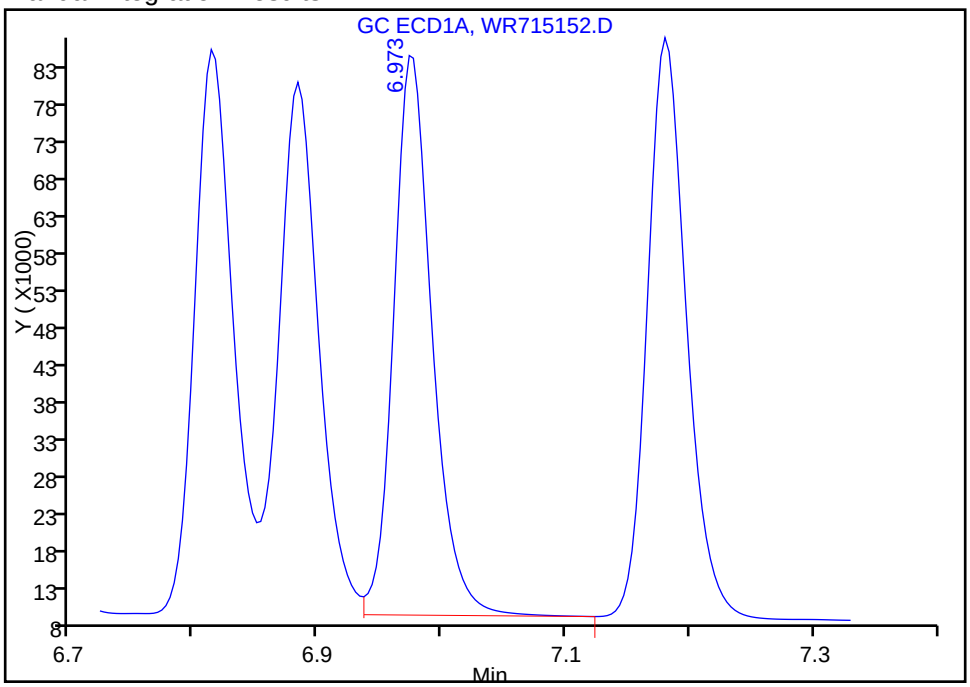
Processing Integration Results

RT: 6.97
Response: 171510
Amount: 50.615824



Manual Integration Results

RT: 6.97
Response: 161587
Amount: 49.094612



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

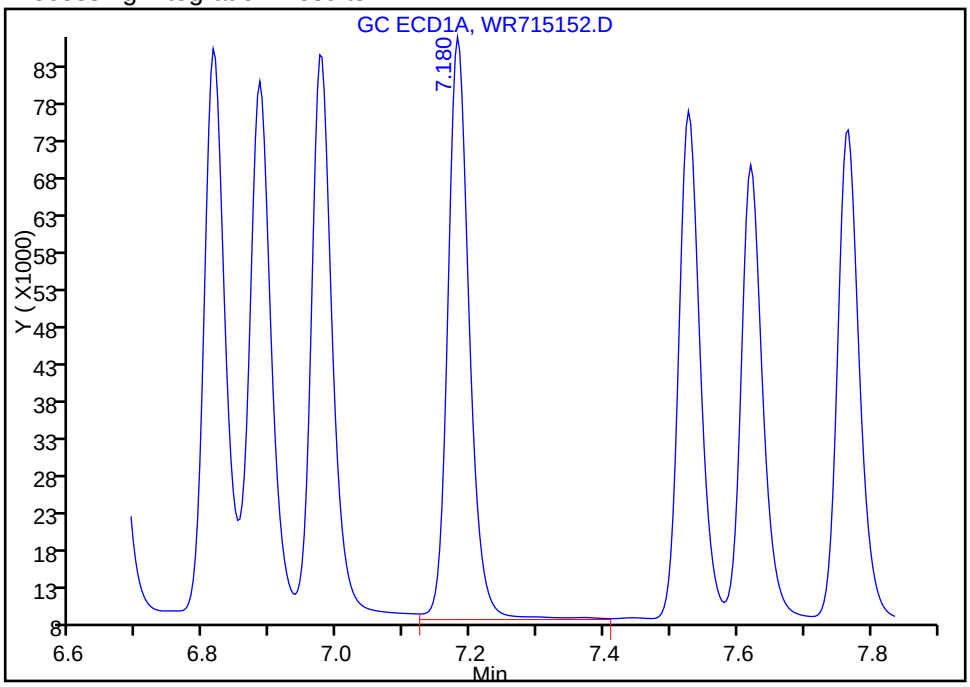
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Dieldrin, Signal: 1, Type: quant, RT: 7.18, Det: GC ECD1A

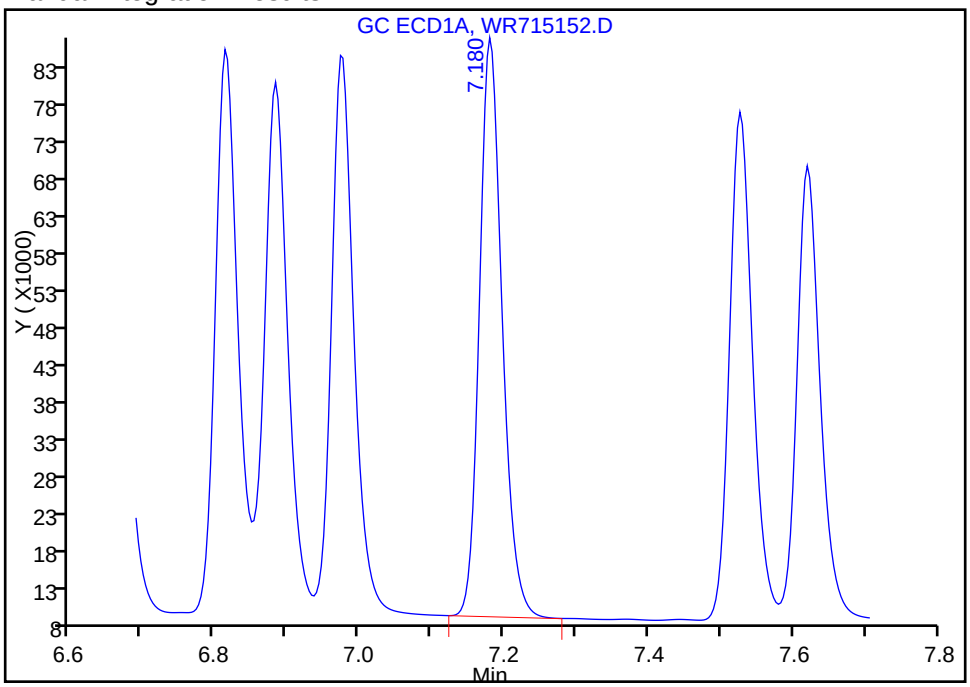
Processing Integration Results

RT: 7.18
Response: 176645
Amount: 50.861066



Manual Integration Results

RT: 7.18
Response: 169551
Amount: 50.078856



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

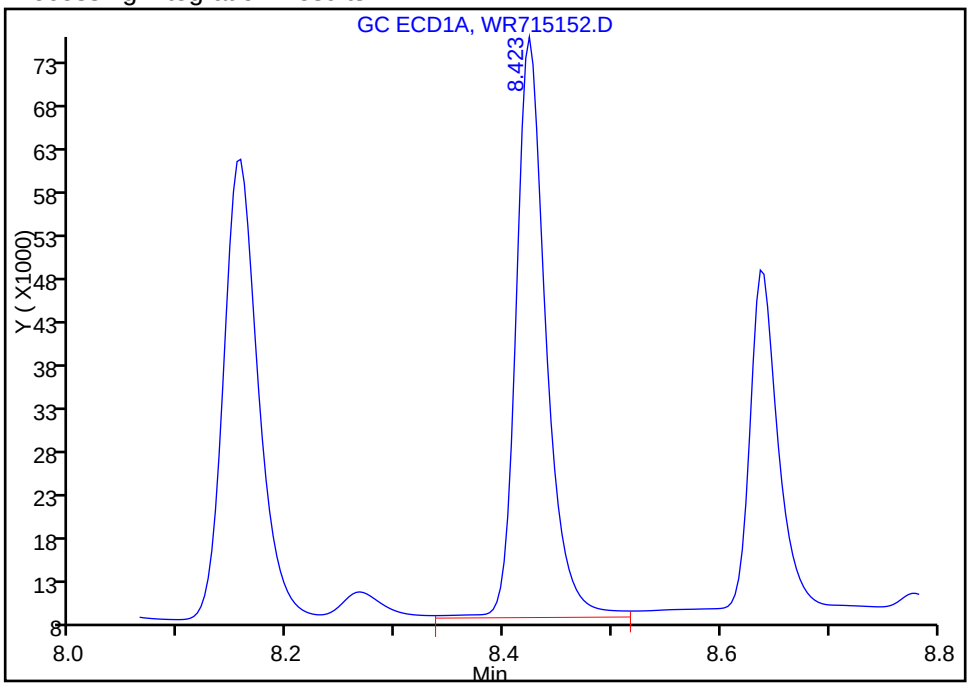
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 8.42, Det: GC ECD1A

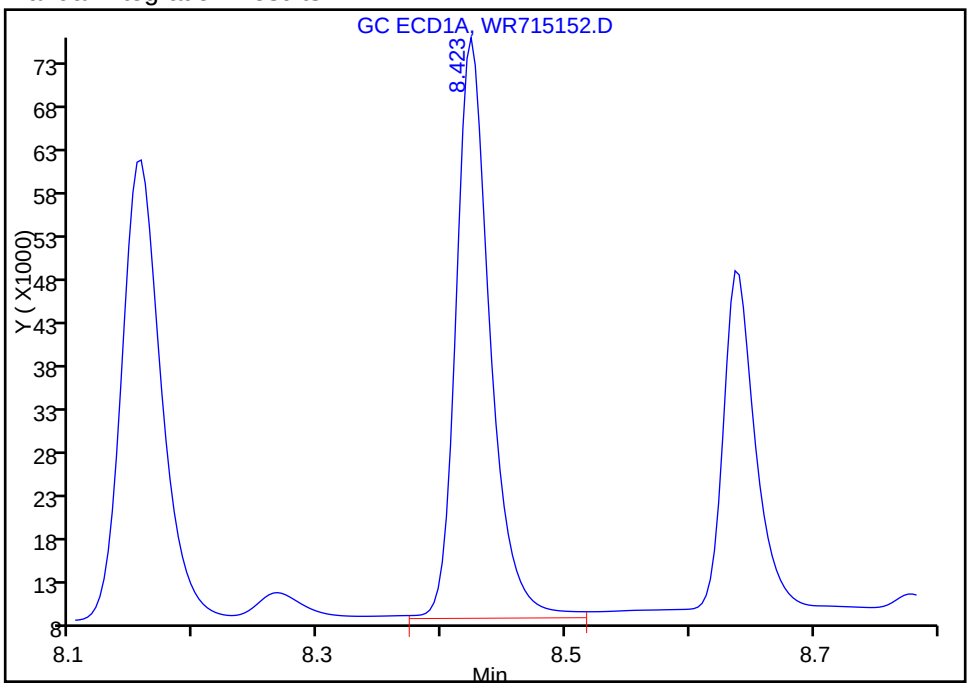
Processing Integration Results

RT: 8.42
Response: 128295
Amount: 50.023332



Manual Integration Results

RT: 8.42
Response: 127603
Amount: 50.802598



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

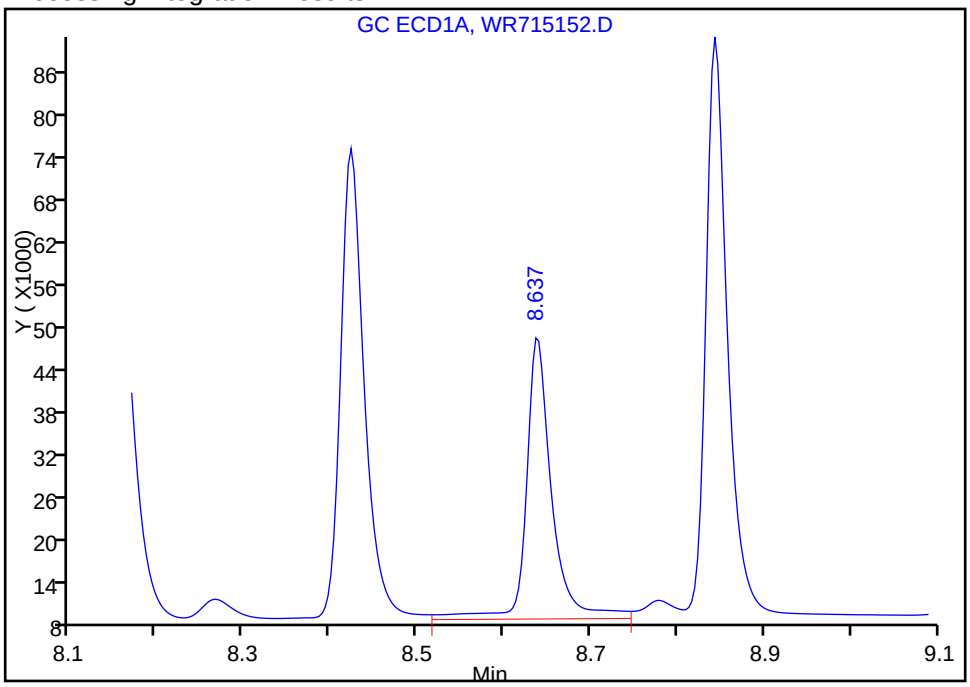
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 1, Type: quant, RT: 8.64, Det: GC ECD1A

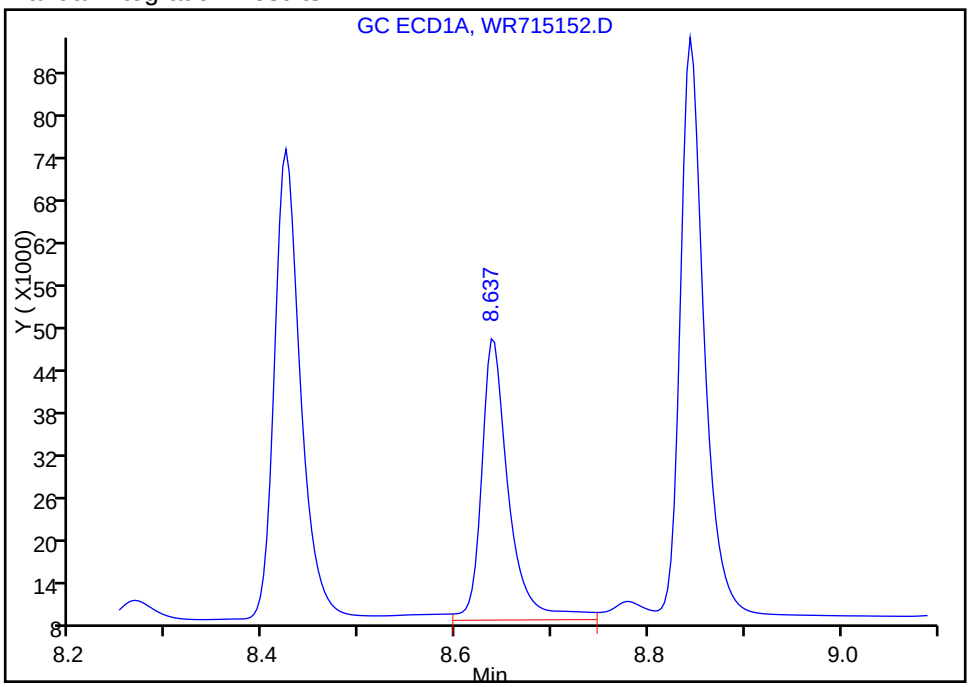
Processing Integration Results

RT: 8.64
Response: 81591
Amount: 59.798352



Manual Integration Results

RT: 8.64
Response: 77796
Amount: 52.660593



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Split an Integrated Peak
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

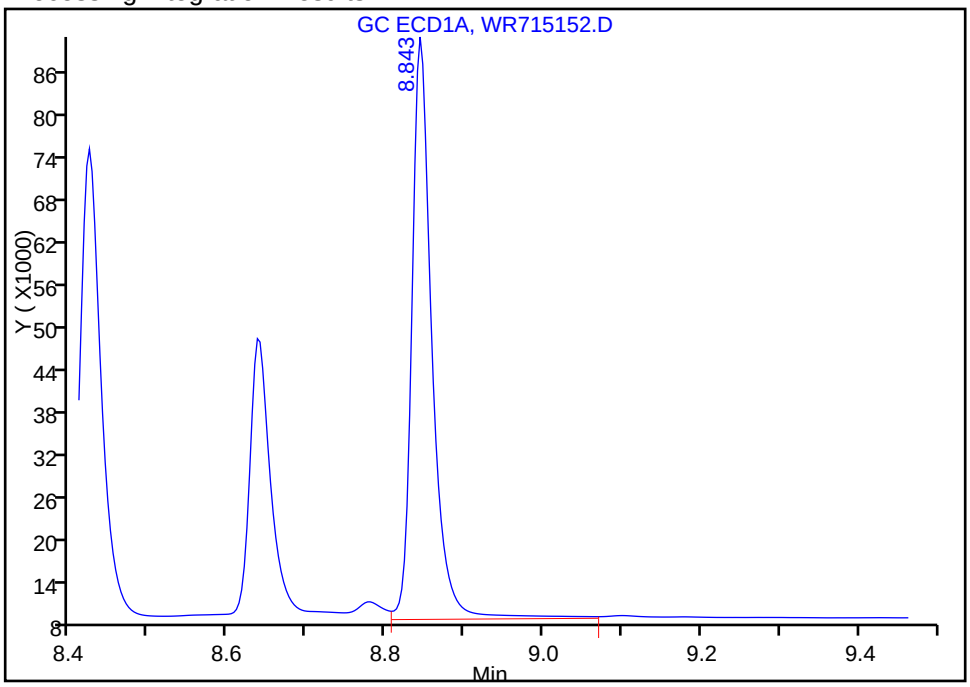
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

13 Endrin ketone, Signal: 1, Type: quant, RT: 8.84, Det: GC ECD1A

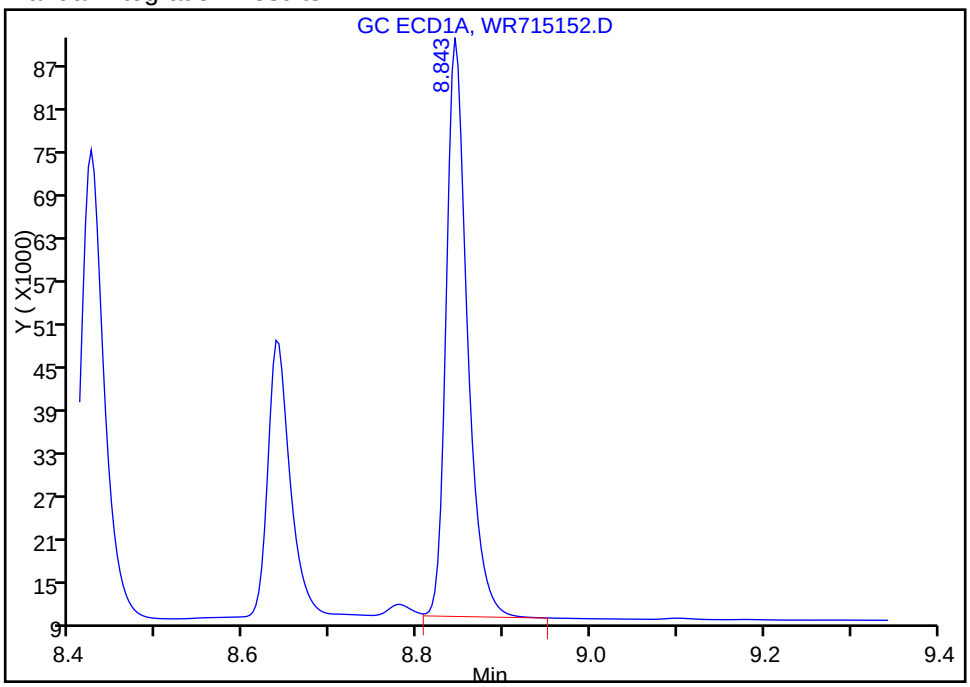
Processing Integration Results

RT: 8.84
Response: 146170
Amount: 50.489238



Manual Integration Results

RT: 8.84
Response: 137818
Amount: 48.888413



Reviewer: manlangitf, 29-Jul-2013 08:24:57
Audit Action: Assigned New Baseline
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715153.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	29-Jul-2013 08:02:29	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0002872-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	173095	Lims Sample ID:	7
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:52	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	570674	144.4	
2	1.823	1.823	0.0	554220	147.1	
					RPD = 1.86	
15 alpha-BHC						
1	3.357	3.363	-0.006	1346934	251.1	
2	2.310	2.310	0.0	1359167	246.8	
					RPD = 1.72	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	1185693	251.6	
2	2.693	2.693	0.0	1260918	248.5	
					RPD = 1.24	
6 beta-BHC						
1	4.167	4.173	-0.006	559971	239.6	
2	2.823	2.820	0.003	600027	248.3	
					RPD = 3.58	
32 delta-BHC						
1	4.713	4.717	-0.004	1144875	255.2	
2	3.123	3.120	0.003	1287532	256.8	
					RPD = 0.62	
18 Heptachlor						
1	4.837	4.840	-0.003	872801	247.2	
2	3.477	3.473	0.004	1109251	248.0	
					RPD = 0.33	
8 Aldrin						
1	5.467	5.470	-0.003	1077198	253.6	
2	3.977	3.977	0.0	1131462	252.2	
					RPD = 0.56	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.443	6.447	-0.004	851107	240.8	
2	4.993	4.993	0.0	980792	249.0	
					RPD = 3.37	
9 gamma-Chlordane						
1	6.657	6.660	-0.003	832644	242.3	
2	5.217	5.213	0.004	1007665	251.7	
					RPD = 3.80	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	779089	241.3	
2	5.460	5.457	0.003	970426	251.0	
					RPD = 3.97	
7 Endosulfan I						
1	6.883	6.883	0.0	771301	245.0	
2	5.713	5.710	0.003	932463	248.0	
					RPD = 1.20	
25 4,4'-DDE						
1	6.973	6.977	-0.004	810324	246.2	
2	5.610	5.607	0.003	976306	257.8	
					RPD = 4.60	
30 Dieldrin						
1	7.180	7.183	-0.003	844419	249.4	
2	6.137	6.133	0.004	966986	250.8	
					RPD = 0.57	
20 Endrin						
1	7.527	7.527	0.0	749138	251.2	
2	6.437	6.437	0.0	816906	247.1	
					RPD = 1.63	
16 4,4'-DDD						
1	7.620	7.620	0.0	681780	254.0	
2	6.513	6.513	0.0	765741	252.2	
					RPD = 0.70	
11 Endosulfan II						
1	7.763	7.767	-0.004	722066	243.6	
2	6.677	6.677	0.0	763935	245.7	
					RPD = 0.85	
21 4,4'-DDT						
1	7.987	7.990	-0.003	720658	250.8	
2	6.807	6.807	0.0	813438	249.5	
					RPD = 0.52	
5 Endrin aldehyde						
1	8.153	8.157	-0.004	564709	243.8	
2	7.103	7.103	0.0	630211	244.8	
					RPD = 0.43	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	611800	243.6	
2	7.567	7.567	0.0	713227	243.2	
					RPD = 0.15	

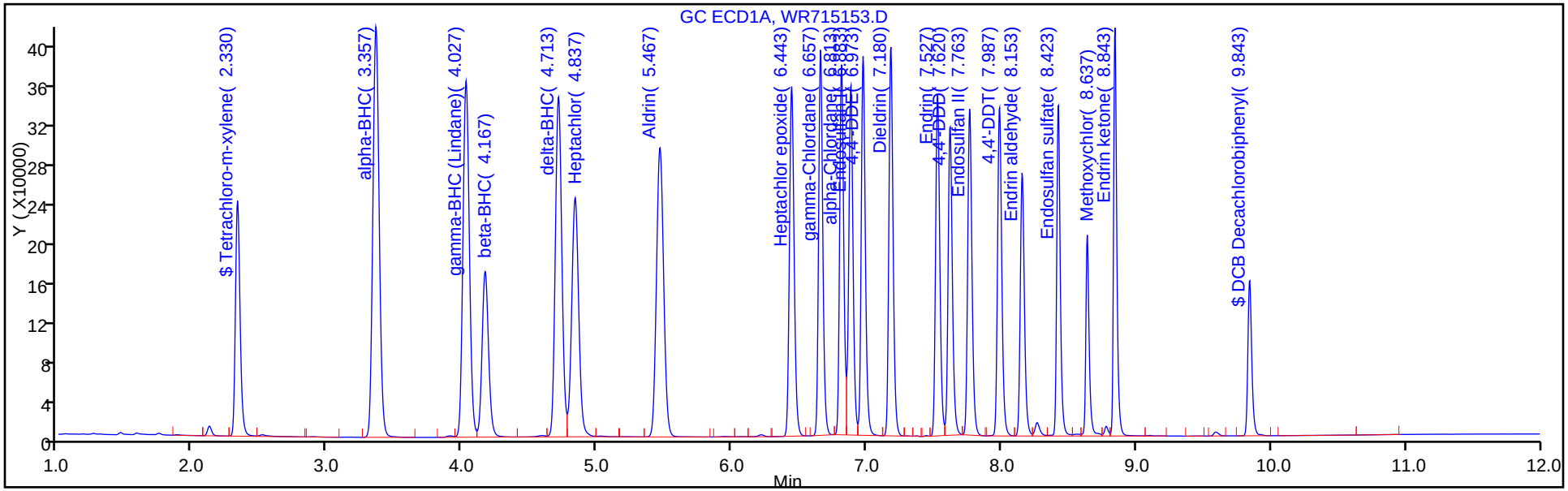
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.637	8.640	-0.003	347739	235.4	
2	7.313	7.313	0.0	403382	236.7	
					RPD = 0.56	
13 Endrin ketone						
1	8.843	8.843	0.0	682269	242.0	
2	7.880	7.880	0.0	808577	244.4	
					RPD = 0.97	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	318101	143.6	
2	8.793	8.793	0.0	378148	143.6	
					RPD = 0.02	

Report Date: 29-Jul-2013 09:27:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

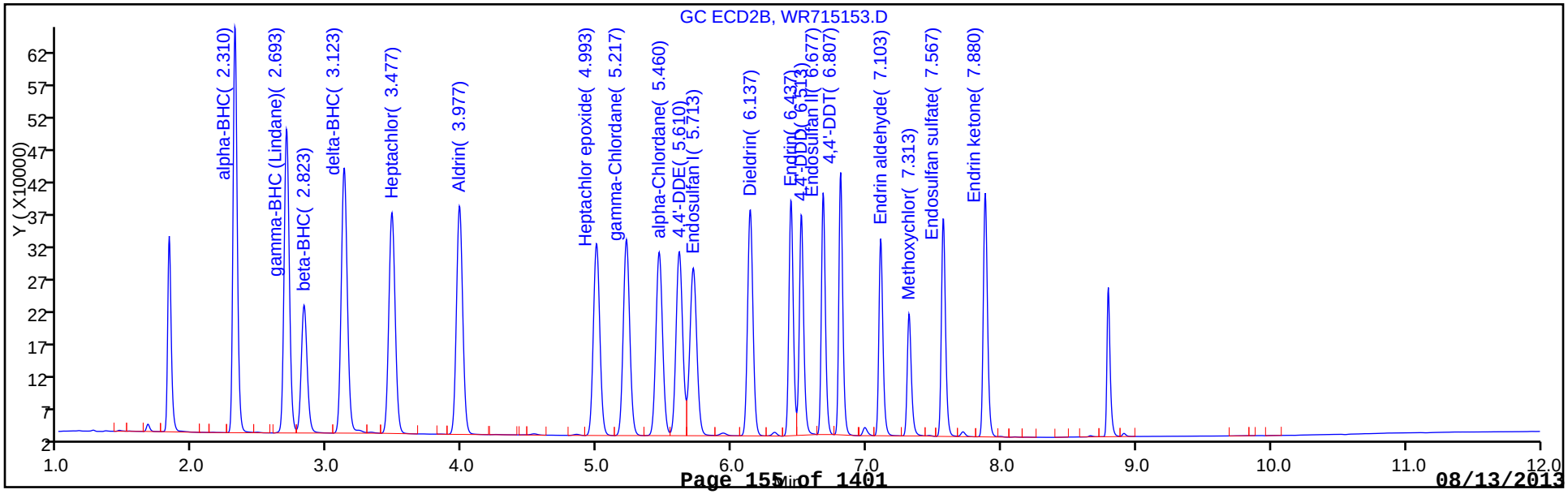
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715153.D		
Injection Date:	29-Jul-2013 08:02:29	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715154.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	29-Jul-2013 08:17:07	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0002872-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	173095	Lims Sample ID:	8
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 11:02:23	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 09:27:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	746087	188.8	
2	1.823	1.823	0.0	728621	193.4	
					RPD = 2.42	
15 alpha-BHC						
1	3.357	3.363	-0.006	2642901	492.6	
2	2.310	2.310	0.0	2804736	509.2	
					RPD = 3.32	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	2332996	495.0	
2	2.693	2.693	0.0	2526775	497.9	
					RPD = 0.59	
6 beta-BHC						
1	4.167	4.173	-0.006	1100303	470.8	
2	2.823	2.820	0.003	1180779	488.7	
					RPD = 3.73	
32 delta-BHC						
1	4.710	4.717	-0.007	2278409	507.8	
2	3.123	3.120	0.003	2545255	507.6	
					RPD = 0.05	
18 Heptachlor						
1	4.837	4.840	-0.003	1741218	493.1	
2	3.477	3.473	0.004	2174010	486.0	
					RPD = 1.45	
8 Aldrin						
1	5.467	5.470	-0.003	2121962	499.6	
2	3.977	3.977	0.0	2234023	497.9	
					RPD = 0.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.443	6.447	-0.004	1682197	475.8	
2	4.993	4.993	0.0	1924350	488.5	
					RPD = 2.63	
9 gamma-Chlordane						
1	6.657	6.660	-0.003	1666394	485.0	
2	5.213	5.213	0.0	2017530	504.0	
					RPD = 3.84	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	1559719	483.0	
2	5.457	5.457	0.0	1937607	501.2	
					RPD = 3.70	
7 Endosulfan I						
1	6.880	6.883	-0.003	1530007	486.1	
2	5.710	5.710	0.0	1827769	486.1	
					RPD = 0.01	
25 4,4'-DDE						
1	6.973	6.977	-0.004	1622009	492.8	
2	5.607	5.607	0.0	1945701	513.7	
					RPD = 4.16	
30 Dieldrin						
1	7.180	7.183	-0.003	1688738	498.8	
2	6.133	6.133	0.0	1913727	496.4	
					RPD = 0.47	
20 Endrin						
1	7.527	7.527	0.0	1497630	502.1	
2	6.437	6.437	0.0	1613408	488.0	
					RPD = 2.84	
16 4,4'-DDD						
1	7.617	7.620	-0.003	1374436	512.0	
2	6.513	6.513	0.0	1549415	510.3	
					RPD = 0.33	
11 Endosulfan II						
1	7.763	7.767	-0.004	1441611	486.4	
2	6.677	6.677	0.0	1521630	489.4	
					RPD = 0.62	
21 4,4'-DDT						
1	7.987	7.990	-0.003	1462761	509.0	
2	6.803	6.807	-0.004	1656111	507.9	
					RPD = 0.22	
5 Endrin aldehyde						
1	8.153	8.157	-0.004	1126399	486.2	
2	7.103	7.103	0.0	1253249	486.8	
					RPD = 0.13	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	1230609	489.9	
2	7.567	7.567	0.0	1414300	482.3	
					RPD = 1.58	

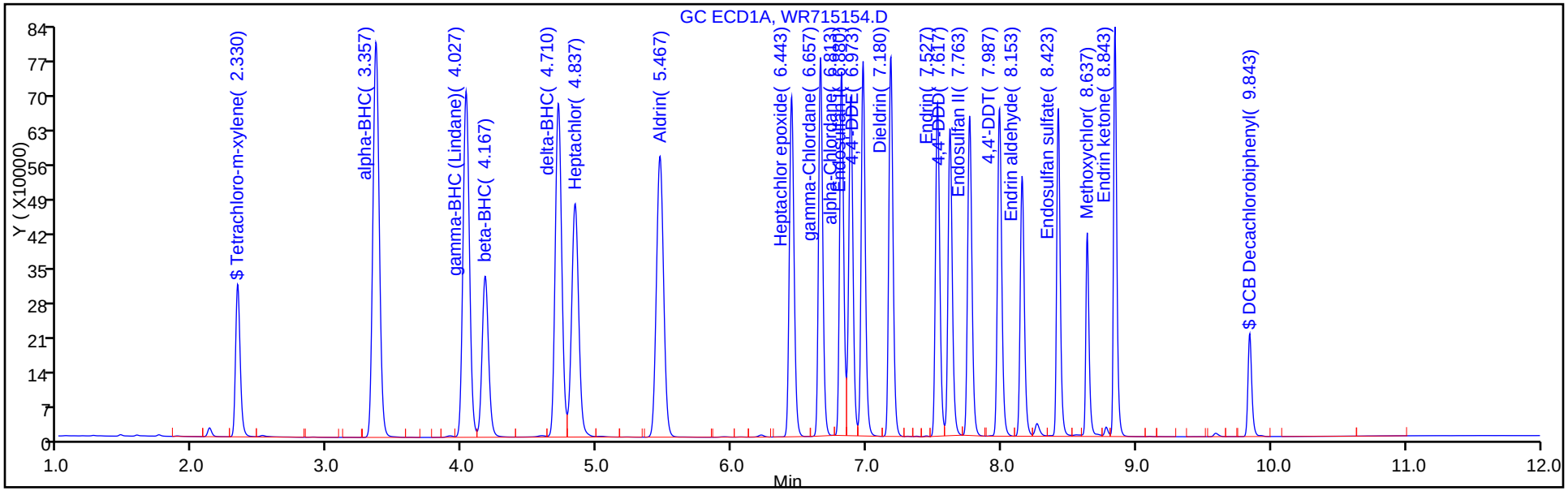
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.637	8.640	-0.003	699821	473.7	
2	7.313	7.313	0.0	793469	465.6	
					RPD = 1.72	
13 Endrin ketone						
1	8.843	8.843	0.0	1380607	489.7	
2	7.880	7.880	0.0	1616377	488.5	
					RPD = 0.25	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	418675	188.9	
2	8.793	8.793	0.0	507576	192.7	
					RPD = 1.99	

Report Date: 29-Jul-2013 11:02:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

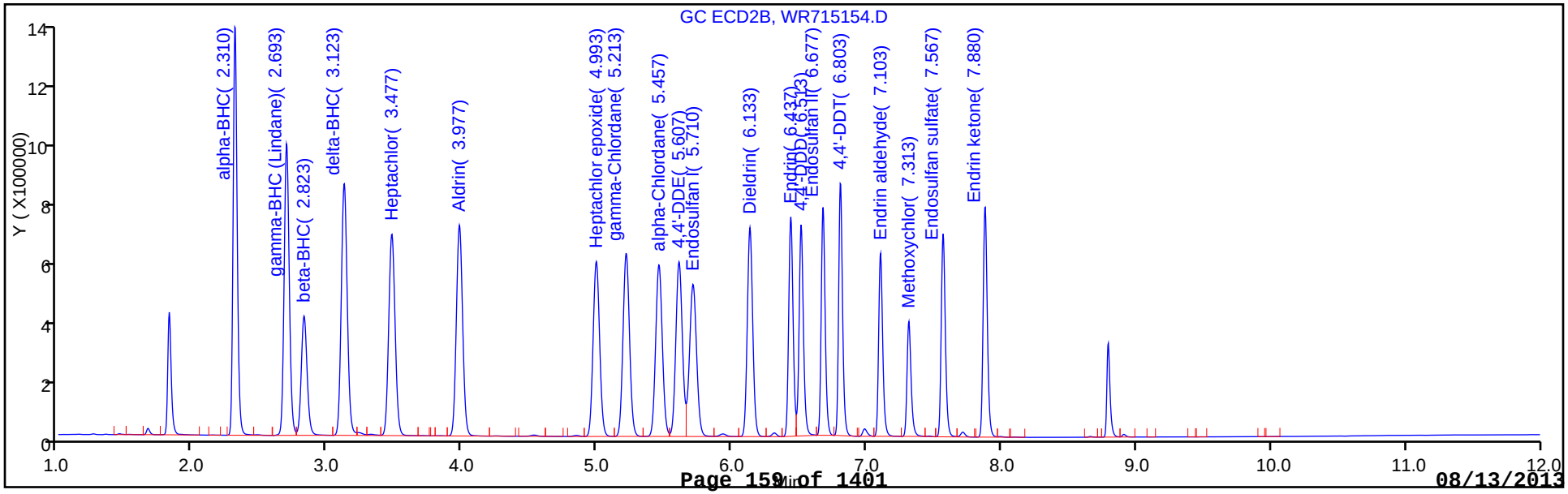
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715154.D		
Injection Date:	29-Jul-2013 08:17:07	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26682

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.310	2.310	2.310	2.310	2.310						2.260 - 2.360	2.310
gamma-BHC (Lindane)	2.693	2.693	2.693	2.693	2.693						2.643 - 2.743	2.693
beta-BHC	2.823	2.823	2.820	2.823	2.823						2.770 - 2.870	2.822
delta-BHC	3.123	3.120	3.120	3.123	3.123						3.070 - 3.170	3.122
Heptachlor	3.477	3.473	3.473	3.477	3.477						3.423 - 3.523	3.475
Aldrin	3.977	3.977	3.977	3.977	3.977						3.927 - 4.027	3.977
Heptachlor epoxide	4.997	4.993	4.993	4.993	4.993						4.923 - 5.063	4.994
gamma-Chlordane	5.217	5.217	5.213	5.217	5.213						5.143 - 5.283	5.215
alpha-Chlordane	5.460	5.460	5.457	5.460	5.457						5.387 - 5.527	5.459
4,4'-DDE	5.610	5.610	5.607	5.610	5.607						5.537 - 5.677	5.609
Endosulfan I	5.713	5.713	5.710	5.713	5.710						5.640 - 5.780	5.712
Dieldrin	6.137	6.133	6.133	6.137	6.133						6.063 - 6.203	6.135
Endrin	6.440	6.437	6.437	6.437	6.437						6.367 - 6.507	6.438
4,4'-DDD	6.517	6.517	6.513	6.513	6.513						6.443 - 6.583	6.515
Endosulfan II	6.680	6.677	6.677	6.677	6.677						6.607 - 6.747	6.678
4,4'-DDT	6.807	6.807	6.807	6.807	6.803						6.737 - 6.877	6.806
Endrin aldehyde	7.107	7.103	7.103	7.103	7.103						7.033 - 7.173	7.104
Methoxychlor	7.317	7.313	7.313	7.313	7.313						7.243 - 7.383	7.314
Endosulfan sulfate	7.570	7.570	7.567	7.567	7.567						7.497 - 7.637	7.568
Endrin ketone	7.883	7.880	7.880	7.880	7.880						7.810 - 7.950	7.881
Tetrachloro-m-xylene	1.823	1.823	1.823	1.823	1.823						1.773 - 1.873	1.823
DCB Decachlorobiphenyl	8.793	8.793	8.793	8.793	8.793						8.693 - 8.893	8.793

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26682

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	5756.8 5609.5	5489.9	5246.8	5436.7	Ave		5507.92200				3.5		20.0			
gamma-BHC (Lindane)	5217.6 5053.6	5152.6	4906.2	5043.7	Ave		5074.71240				2.3		20.0			
beta-BHC	2499.1 2361.6	2481.2	2339.2	2400.1	Ave		2416.23320				2.9		20.0			
delta-BHC	4914.1 5090.5	5143.6	4772.7	5150.1	Ave		5014.20760				3.3		20.0			
Heptachlor	4664.2 4348.0	4561.2	4355.4	4437.0	Ave		4473.16480				3.1		20.0			
Aldrin	4543.2 4468.0	4553.3	4342.9	4525.8	Ave		4486.64880				1.9		20.0			
Heptachlor epoxide	4098.7 3848.7	4010.2	3814.5	3923.2	Ave		3939.04960				3.0		20.0			
gamma-Chlordane	4068.1 4035.1	4026.1	3854.8	4030.7	Ave		4002.94200				2.1		20.0			
alpha-Chlordane	3918.2 3875.2	3924.1	3731.1	3881.7	Ave		3866.04760				2.0		20.0			
4,4'-DDE	3651.2 3891.4	3794.5	3694.2	3905.2	Ave		3787.29320				3.0		20.0			
Endosulfan I	3850.7 3655.5	3895.9	3668.0	3729.9	Ave		3759.99200				2.9		20.0			
Dieldrin	3939.3 3827.5	3891.0	3748.9	3867.9	Ave		3854.92960				1.9		20.0			
Endrin	3476.7 3226.8	3337.5	3221.0	3267.6	Ave		3305.92800				3.2		20.0			
4,4'-DDD	3060.7 3098.8	3034.1	2923.4	3063.0	Ave		3036.00680				2.2		20.0			
Endosulfan II	3315.6 3043.3	3146.7	2985.1	3055.7	Ave		3109.27400				4.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26682

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	3354.2 3312.2	3239.3	3142.6	3253.8	Ave		3260.40480				2.5		20.0			
Endrin aldehyde	2793.1 2506.5	2608.6	2442.4	2520.8	Ave		2574.28240				5.3		20.0			
Methoxychlor	1944.8 1586.9	1740.3	1634.7	1613.5	Ave		1704.04520				8.6		20.0			
Endosulfan sulfate	3200.9 2828.6	2966.7	2814.1	2852.9	Ave		2932.65560				5.5		20.0			
Endrin ketone	3552.7 3232.8	3335.0	3188.3	3234.3	Ave		3308.62440				4.4		20.0			
Tetrachloro-m-xylene	3813.7 3643.1	3940.1	3741.7	3694.8	Ave		3766.67300				3.1		20.0			
DCB Decachlorobiphenyl	2700.4 2537.9	2804.9	2603.1	2521.0	Ave		2633.46533				4.5		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 07:17 Calibration End Date: 07/29/2013 08:17 Calibration ID: 26682

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/5	WR715151.D
Level 2	IC 460-173095/6	WR715152.D
Level 3	IC 460-173095/4	WR715150.D
Level 4	IC 460-173095/7	WR715153.D
Level 5	IC 460-173095/8	WR715154.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	57568	274494	524679	1359167	2804736	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	52176	257628	490618	1260918	2526775	10.0	50.0	100	250	500
beta-BHC	Ave	24991	124058	233924	600027	1180779	10.0	50.0	100	250	500
delta-BHC	Ave	49141	257181	477268	1287532	2545255	10.0	50.0	100	250	500
Heptachlor	Ave	46642	228058	435544	1109251	2174010	10.0	50.0	100	250	500
Aldrin	Ave	45432	227663	434289	1131462	2234023	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	40987	200508	381452	980792	1924350	10.0	50.0	100	250	500
gamma-Chlordane	Ave	40681	201306	385477	1007665	2017530	10.0	50.0	100	250	500
alpha-Chlordane	Ave	39182	196203	373106	970426	1937607	10.0	50.0	100	250	500
4,4'-DDE	Ave	36512	189723	369418	976306	1945701	10.0	50.0	100	250	500
Endosulfan I	Ave	38507	194795	366797	932463	1827769	10.0	50.0	100	250	500
Dieldrin	Ave	39393	194551	374893	966986	1913727	10.0	50.0	100	250	500
Endrin	Ave	34767	166876	322098	816906	1613408	10.0	50.0	100	250	500
4,4'-DDD	Ave	30607	151706	292342	765741	1549415	10.0	50.0	100	250	500
Endosulfan II	Ave	33156	157336	298505	763935	1521630	10.0	50.0	100	250	500
4,4'-DDT	Ave	33542	161965	314255	813438	1656111	10.0	50.0	100	250	500
Endrin aldehyde	Ave	27931	130428	244241	630211	1253249	10.0	50.0	100	250	500
Methoxychlor	Ave	19448	87014	163468	403382	793469	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	32009	148337	281413	713227	1414300	10.0	50.0	100	250	500
Endrin ketone	Ave	35527	166752	318832	808577	1616377	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	95343	197003	374168	554220	728621	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	67511	140245	260312	378148	507576	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715150.D		
Lims ID:	IC 3	Client ID:	
Inject. Date:	29-Jul-2013 07:17:41	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0002872-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	173095	Lims Sample ID:	4
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:44	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.333	2.333	0.0	384208	97.2	
2	1.823	1.823	0.0	374168	99.3	
					RPD = 2.14	
15 alpha-BHC						
1	3.363	3.363	0.0	524784	97.8	
2	2.310	2.310	0.0	524679	95.3	
					RPD = 2.65	
2 gamma-BHC (Lindane)						
1	4.033	4.033	0.0	454513	96.4	
2	2.693	2.693	0.0	490618	96.7	
					RPD = 0.26	
6 beta-BHC						
1	4.173	4.173	0.0	217378	93.0	
2	2.820	2.820	0.0	233924	96.8	
					RPD = 4.01	
32 delta-BHC						
1	4.717	4.717	0.0	434560	96.9	
2	3.120	3.120	0.0	477268	95.2	
					RPD = 1.75	
18 Heptachlor						
1	4.840	4.840	0.0	341985	96.8	
2	3.473	3.473	0.0	435544	97.4	
					RPD = 0.54	
8 Aldrin						
1	5.470	5.470	0.0	413656	97.4	
2	3.977	3.977	0.0	434289	96.8	
					RPD = 0.61	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.447	6.447	0.0	340309	96.3	
2	4.993	4.993	0.0	381452	96.8	
					RPD = 0.60	
9 gamma-Chlordane						
1	6.660	6.660	0.0	336808	98.0	
2	5.213	5.213	0.0	385477	96.3	
					RPD = 1.78	
23 alpha-Chlordane						
1	6.817	6.817	0.0	310310	96.1	
2	5.457	5.457	0.0	373106	96.5	
					RPD = 0.43	
7 Endosulfan I						
1	6.883	6.883	0.0	305993	97.2	
2	5.710	5.710	0.0	366797	97.6	
					RPD = 0.35	
25 4,4'-DDE						
1	6.977	6.977	0.0	321394	97.6	
2	5.607	5.607	0.0	369418	97.5	
					RPD = 0.11	
30 Dieldrin						
1	7.183	7.183	0.0	331893	98.0	
2	6.133	6.133	0.0	374893	97.3	
					RPD = 0.80	
20 Endrin						
1	7.527	7.527	0.0	293146	98.3	
2	6.437	6.437	0.0	322098	97.4	
					RPD = 0.87	
16 4,4'-DDD						
1	7.620	7.620	0.0	263237	98.1	
2	6.513	6.513	0.0	292342	96.3	
					RPD = 1.83	
11 Endosulfan II						
1	7.767	7.767	0.0	283930	95.8	
2	6.677	6.677	0.0	298505	96.0	
					RPD = 0.22	
21 4,4'-DDT						
1	7.990	7.990	0.0	277842	96.7	
2	6.807	6.807	0.0	314255	96.4	
					RPD = 0.32	
5 Endrin aldehyde						
1	8.157	8.157	0.0	218551	94.3	
2	7.103	7.103	0.0	244241	94.9	
					RPD = 0.57	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	240623	95.8	
2	7.567	7.567	0.0	281413	96.0	
					RPD = 0.17	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.640	8.640	0.0	146593	99.2	
2	7.313	7.313	0.0	163468	95.9	
					RPD = 3.38	
13 Endrin ketone						
1	8.843	8.843	0.0	270331	95.9	
2	7.880	7.880	0.0	318832	96.4	
					RPD = 0.49	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	215558	97.3	
2	8.793	8.793	0.0	260312	98.8	
					RPD = 1.60	

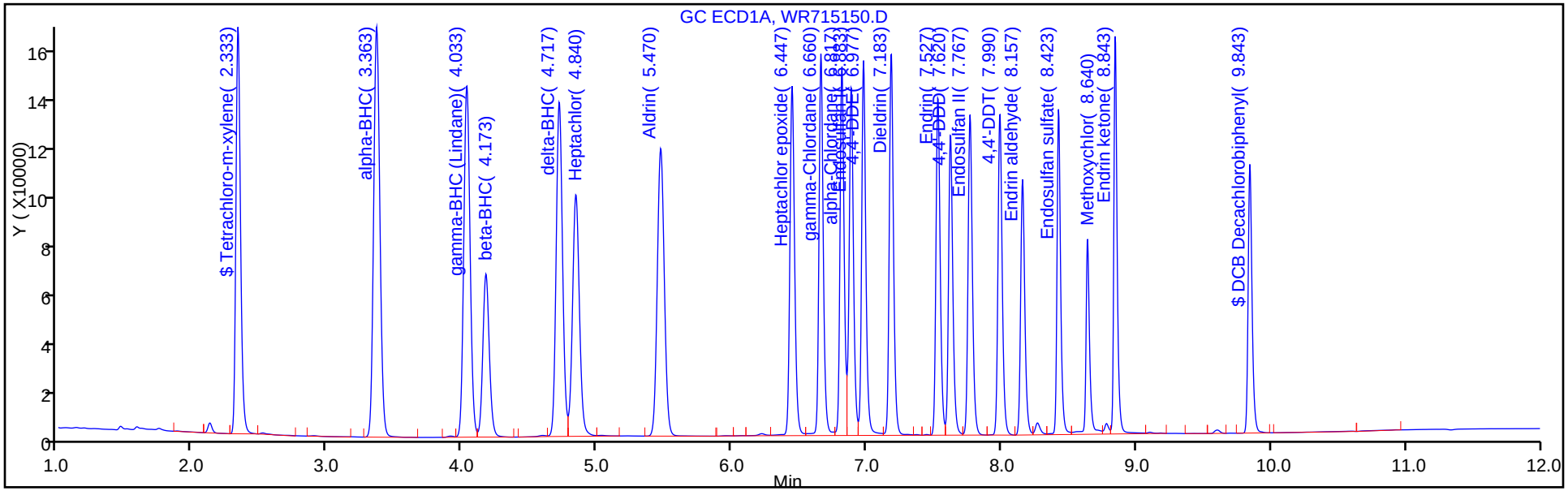
Report Date: 29-Jul-2013 09:27:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

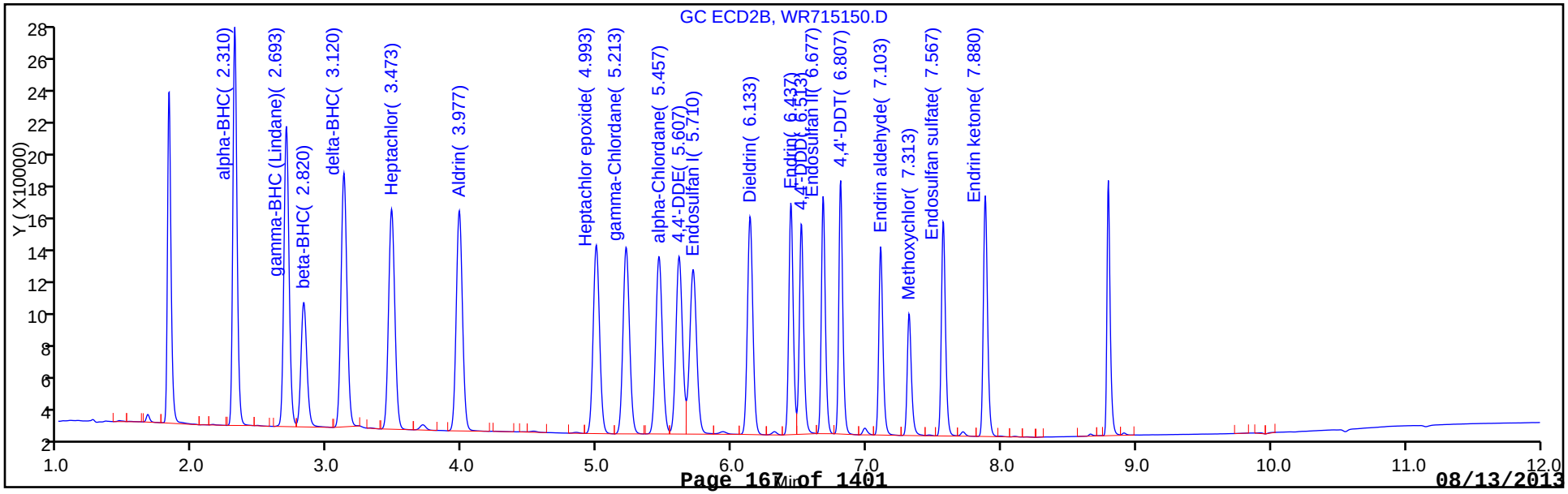
Data File: \\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715150.D

Injection Date:	29-Jul-2013 07:17:41	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	29-Jul-2013 07:33:11	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	460-0002872-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	173095	Lims Sample ID:	5
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:47	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 08:45:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.337	2.333	0.004	104956	26.6	
2	1.823	1.823	0.0	95343	25.3	
					RPD = 4.82	
15 alpha-BHC						
1	3.367	3.363	0.004	54162	10.1	
2	2.310	2.310	0.0	57568	10.5	
					RPD = 3.47	
2 gamma-BHC (Lindane)						
1	4.037	4.033	0.004	47749	10.1	
2	2.693	2.693	0.0	52176	10.3	
					RPD = 1.48	
6 beta-BHC						
1	4.180	4.173	0.007	26688	11.4	
2	2.823	2.820	0.003	24991	10.3	
					RPD = 9.89	
32 delta-BHC						
1	4.723	4.717	0.006	44297	9.87	
2	3.123	3.120	0.003	49141	9.80	
					RPD = 0.74	
18 Heptachlor						
1	4.847	4.840	0.007	37474	10.6	
2	3.477	3.473	0.004	46642	10.4	
					RPD = 1.76	
8 Aldrin						
1	5.477	5.470	0.007	42670	10.0	
2	3.977	3.977	0.0	45432	10.1	
					RPD = 0.79	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.450	6.447	0.003	39732	11.2	
2	4.997	4.993	0.004	40987	10.4	
					RPD = 7.70	
9 gamma-Chlordane						M
1	6.663	6.660	0.003	37259	10.8	M
2	5.217	5.213	0.004	40681	10.2	
					RPD = 6.49	
23 alpha-Chlordane						M
1	6.820	6.817	0.003	34951	10.8	M
2	5.460	5.457	0.003	39182	10.1	
					RPD = 6.57	
7 Endosulfan I						M
1	6.887	6.883	0.004	33504	10.6	M
2	5.713	5.710	0.003	38507	10.2	
					RPD = 3.86	
25 4,4'-DDE						
1	6.980	6.977	0.003	35257	10.7	
2	5.610	5.607	0.003	36512	9.64	
					RPD = 10.53	
30 Dieldrin						
1	7.183	7.183	0.0	34633	10.2	
2	6.137	6.133	0.004	39393	10.2	
					RPD = 0.10	
20 Endrin						
1	7.533	7.527	0.006	29634	9.94	
2	6.440	6.437	0.003	34767	10.5	
					RPD = 5.68	
16 4,4'-DDD						
1	7.623	7.620	0.003	25686	9.57	
2	6.517	6.513	0.004	30607	10.1	
					RPD = 5.21	
11 Endosulfan II						
1	7.770	7.767	0.003	32094	10.8	
2	6.680	6.677	0.003	33156	10.7	
					RPD = 1.53	
21 4,4'-DDT						
1	7.993	7.990	0.003	29315	10.2	
2	6.807	6.807	0.0	33542	10.3	
					RPD = 0.84	
5 Endrin aldehyde						
1	8.160	8.157	0.003	25398	11.0	
2	7.107	7.103	0.004	27931	10.9	
					RPD = 1.04	
3 Endosulfan sulfate						
1	8.427	8.423	0.004	26920	10.7	
2	7.570	7.567	0.003	32009	10.9	
					RPD = 1.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.640	8.640	0.0	15741	10.7	
2	7.317	7.313	0.004	19448	11.4	
					RPD = 6.87	
13 Endrin ketone						
1	8.847	8.843	0.004	31452	11.2	
2	7.883	7.880	0.003	35527	10.7	
					RPD = 3.83	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	58942	26.6	
2	8.793	8.793	0.0	67511	25.6	
					RPD = 3.69	

QC Flag Legend

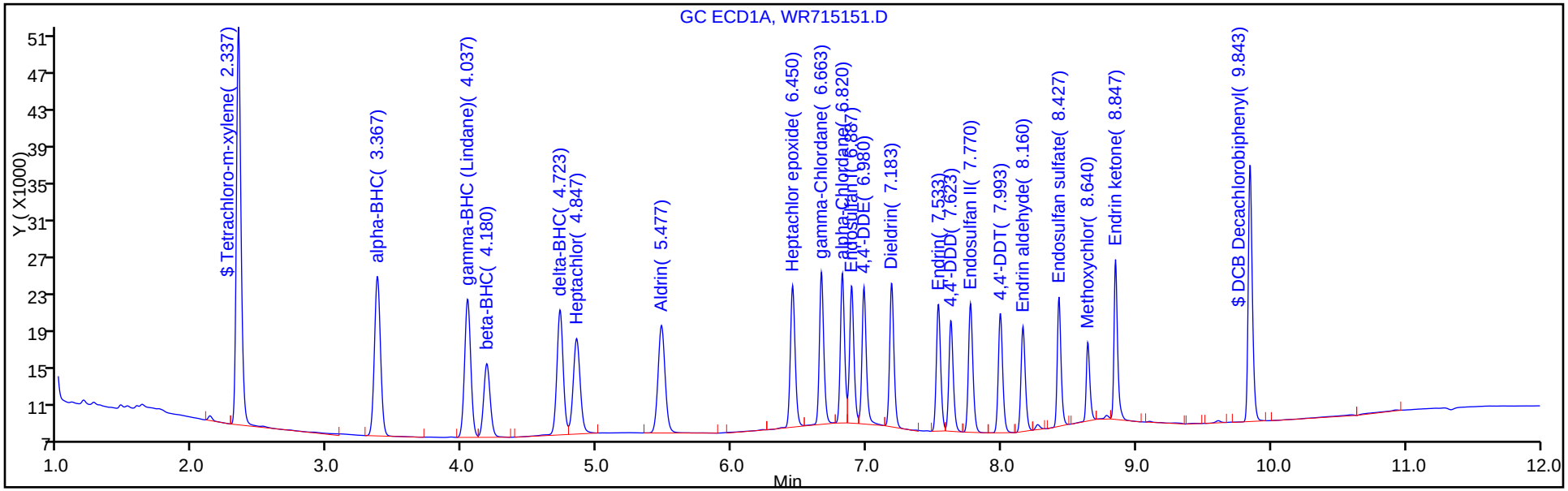
Review Flags
M - Manually Integrated

Report Date: 29-Jul-2013 09:27:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

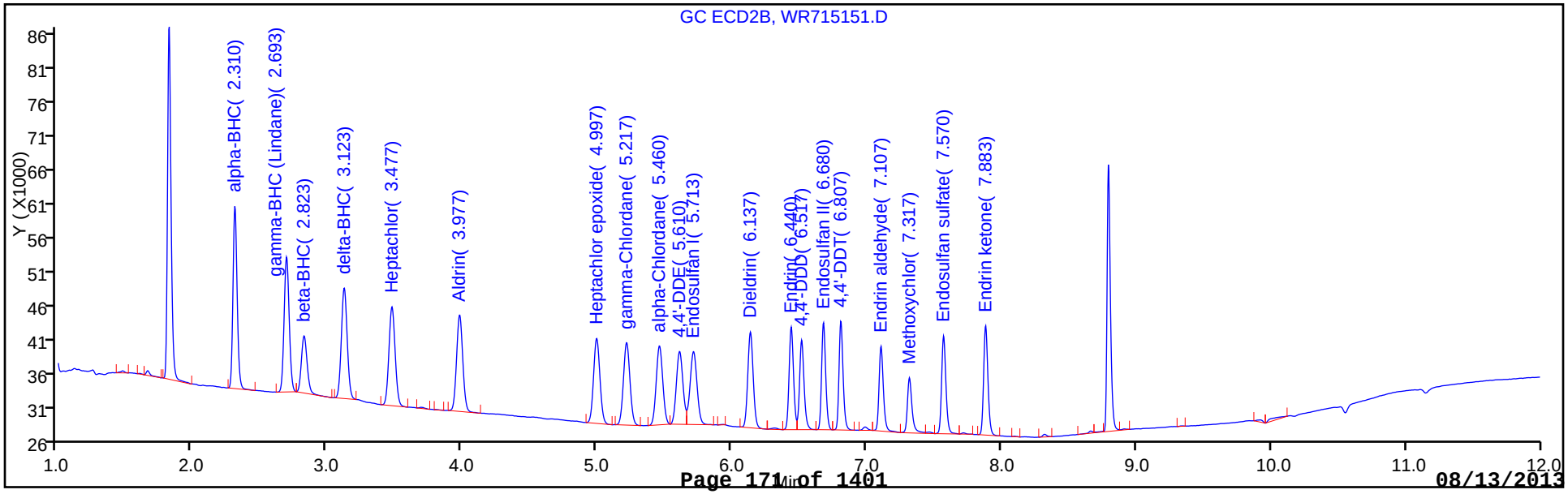
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715151.D		
Injection Date:	29-Jul-2013 07:33:11	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Lims ID:	IC 2	Client ID:	
Inject. Date:	29-Jul-2013 07:47:51	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0002872-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	173095	Lims Sample ID:	6
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:49	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 08:24:57

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	209100	52.9	
2	1.823	1.823	0.0	197003	52.3	
					RPD = 1.17	
15 alpha-BHC						
1	3.357	3.363	-0.006	274410	51.1	
2	2.310	2.310	0.0	274494	49.8	
					RPD = 2.60	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	241901	51.3	
2	2.693	2.693	0.0	257628	50.8	
					RPD = 1.09	
6 beta-BHC						
1	4.170	4.173	-0.003	120145	51.4	
2	2.823	2.820	0.003	124058	51.3	
					RPD = 0.12	
32 delta-BHC						
1	4.713	4.717	-0.004	226036	50.4	
2	3.120	3.120	0.0	257181	51.3	
					RPD = 1.79	
18 Heptachlor						
1	4.837	4.840	-0.003	175772	49.8	
2	3.473	3.473	0.0	228058	51.0	
					RPD = 2.40	
8 Aldrin						
1	5.467	5.470	-0.003	214059	50.4	
2	3.977	3.977	0.0	227663	50.7	
					RPD = 0.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						M
1	6.443	6.447	-0.004	176545	49.9	M
2	4.993	4.993	0.0	200508	50.9	
					RPD = 1.91	
9 gamma-Chlordane						M
1	6.660	6.660	0.0	171102	49.8	M
2	5.217	5.213	0.004	201306	50.3	
					RPD = 0.98	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	165640	51.3	
2	5.460	5.457	0.003	196203	50.8	
					RPD = 1.06	
7 Endosulfan I						M
1	6.883	6.883	0.0	159137	50.6	M
2	5.713	5.710	0.003	194795	51.8	
					RPD = 2.44	
25 4,4'-DDE						M
1	6.973	6.977	-0.004	161587	49.1	M
2	5.610	5.607	0.003	189723	50.1	
					RPD = 2.02	
30 Dieldrin						M
1	7.180	7.183	-0.003	169551	50.1	M
2	6.133	6.133	0.0	194551	50.5	
					RPD = 0.77	
20 Endrin						
1	7.527	7.527	0.0	151333	50.7	
2	6.437	6.437	0.0	166876	50.5	
					RPD = 0.51	
16 4,4'-DDD						
1	7.620	7.620	0.0	137218	51.1	
2	6.517	6.513	0.004	151706	50.0	
					RPD = 2.28	
11 Endosulfan II						
1	7.767	7.767	0.0	150001	50.6	
2	6.677	6.677	0.0	157336	50.6	
					RPD = 0.01	
21 4,4'-DDT						
1	7.987	7.990	-0.003	142484	49.6	
2	6.807	6.807	0.0	161965	49.7	
					RPD = 0.18	
5 Endrin aldehyde						
1	8.157	8.157	0.0	117309	50.6	
2	7.103	7.103	0.0	130428	50.7	
					RPD = 0.06	
3 Endosulfan sulfate						M
1	8.423	8.423	0.0	127603	50.8	M
2	7.570	7.567	0.003	148337	50.6	
					RPD = 0.44	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.637	8.640	-0.003	77796	52.7	M
2	7.313	7.313	0.0	87014	51.1	
					RPD = 3.08	
13 Endrin ketone						M
1	8.843	8.843	0.0	137818	48.9	M
2	7.880	7.880	0.0	166752	50.4	
					RPD = 3.04	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	117588	53.1	
2	8.793	8.793	0.0	140245	53.3	
					RPD = 0.35	

QC Flag Legend

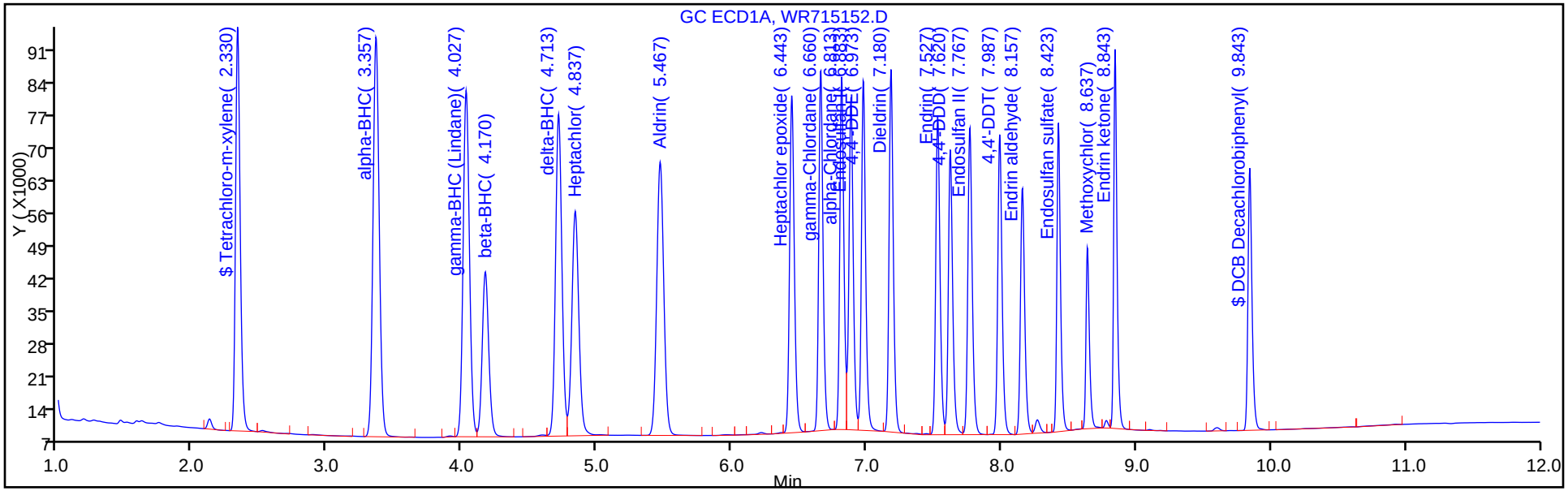
Review Flags
M - Manually Integrated

Report Date: 29-Jul-2013 09:27:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

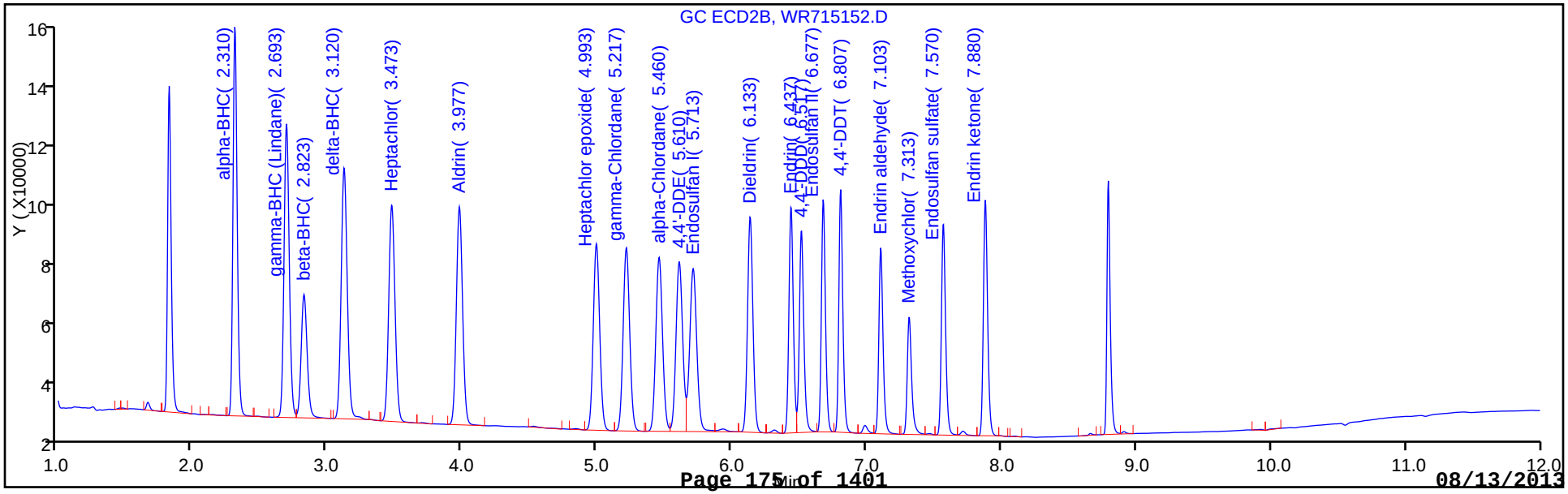
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715152.D		
Injection Date:	29-Jul-2013 07:47:51	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715153.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	29-Jul-2013 08:02:29	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0002872-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	173095	Lims Sample ID:	7
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:52	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	570674	144.4	
2	1.823	1.823	0.0	554220	147.1	
					RPD = 1.86	
15 alpha-BHC						
1	3.357	3.363	-0.006	1346934	251.1	
2	2.310	2.310	0.0	1359167	246.8	
					RPD = 1.72	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	1185693	251.6	
2	2.693	2.693	0.0	1260918	248.5	
					RPD = 1.24	
6 beta-BHC						
1	4.167	4.173	-0.006	559971	239.6	
2	2.823	2.820	0.003	600027	248.3	
					RPD = 3.58	
32 delta-BHC						
1	4.713	4.717	-0.004	1144875	255.2	
2	3.123	3.120	0.003	1287532	256.8	
					RPD = 0.62	
18 Heptachlor						
1	4.837	4.840	-0.003	872801	247.2	
2	3.477	3.473	0.004	1109251	248.0	
					RPD = 0.33	
8 Aldrin						
1	5.467	5.470	-0.003	1077198	253.6	
2	3.977	3.977	0.0	1131462	252.2	
					RPD = 0.56	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.443	6.447	-0.004	851107	240.8	
2	4.993	4.993	0.0	980792	249.0	
					RPD = 3.37	
9 gamma-Chlordane						
1	6.657	6.660	-0.003	832644	242.3	
2	5.217	5.213	0.004	1007665	251.7	
					RPD = 3.80	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	779089	241.3	
2	5.460	5.457	0.003	970426	251.0	
					RPD = 3.97	
7 Endosulfan I						
1	6.883	6.883	0.0	771301	245.0	
2	5.713	5.710	0.003	932463	248.0	
					RPD = 1.20	
25 4,4'-DDE						
1	6.973	6.977	-0.004	810324	246.2	
2	5.610	5.607	0.003	976306	257.8	
					RPD = 4.60	
30 Dieldrin						
1	7.180	7.183	-0.003	844419	249.4	
2	6.137	6.133	0.004	966986	250.8	
					RPD = 0.57	
20 Endrin						
1	7.527	7.527	0.0	749138	251.2	
2	6.437	6.437	0.0	816906	247.1	
					RPD = 1.63	
16 4,4'-DDD						
1	7.620	7.620	0.0	681780	254.0	
2	6.513	6.513	0.0	765741	252.2	
					RPD = 0.70	
11 Endosulfan II						
1	7.763	7.767	-0.004	722066	243.6	
2	6.677	6.677	0.0	763935	245.7	
					RPD = 0.85	
21 4,4'-DDT						
1	7.987	7.990	-0.003	720658	250.8	
2	6.807	6.807	0.0	813438	249.5	
					RPD = 0.52	
5 Endrin aldehyde						
1	8.153	8.157	-0.004	564709	243.8	
2	7.103	7.103	0.0	630211	244.8	
					RPD = 0.43	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	611800	243.6	
2	7.567	7.567	0.0	713227	243.2	
					RPD = 0.15	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.637	8.640	-0.003	347739	235.4	
2	7.313	7.313	0.0	403382	236.7	
					RPD = 0.56	
13 Endrin ketone						
1	8.843	8.843	0.0	682269	242.0	
2	7.880	7.880	0.0	808577	244.4	
					RPD = 0.97	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	318101	143.6	
2	8.793	8.793	0.0	378148	143.6	
					RPD = 0.02	

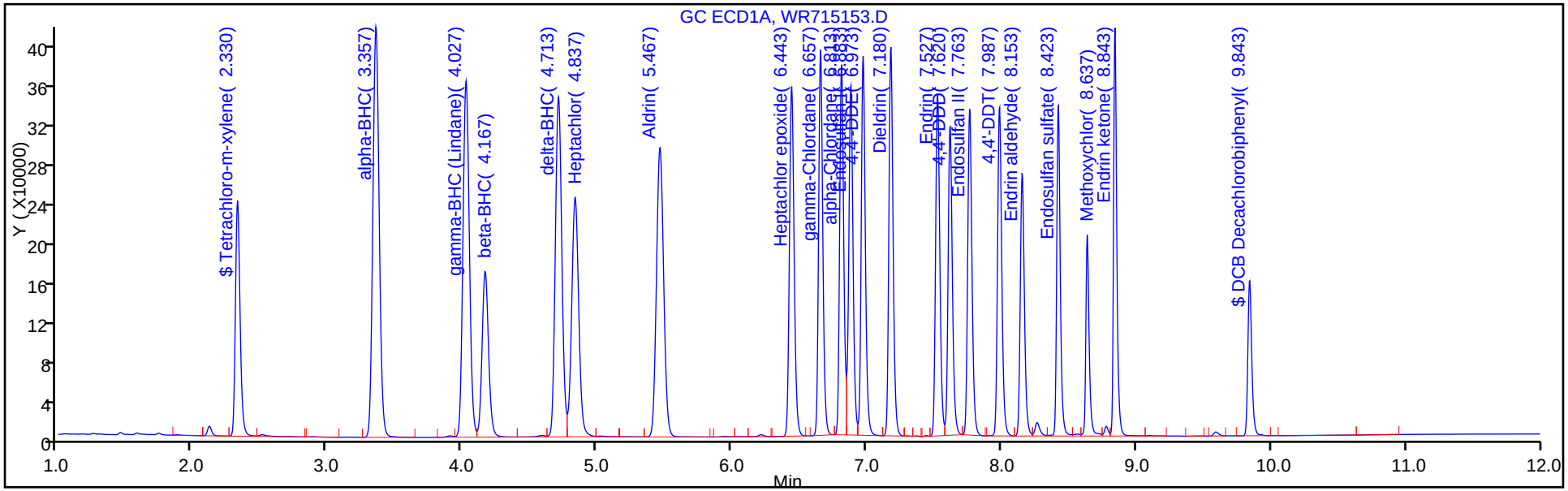
Report Date: 29-Jul-2013 09:27:52 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715153.D

Injection Date:	29-Jul-2013 08:02:29	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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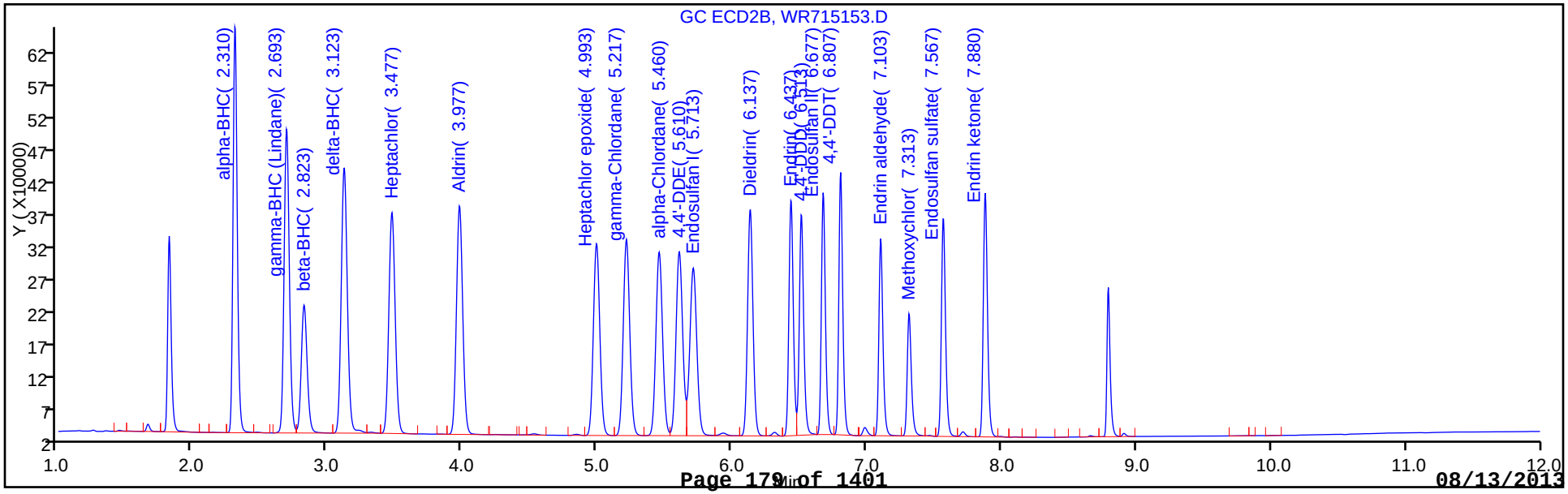


TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715154.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	29-Jul-2013 08:17:07	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0002872-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	173095	Lims Sample ID:	8
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 11:02:23	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 09:27:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.330	2.333	-0.003	746087	188.8	
2	1.823	1.823	0.0	728621	193.4	
					RPD = 2.42	
15 alpha-BHC						
1	3.357	3.363	-0.006	2642901	492.6	
2	2.310	2.310	0.0	2804736	509.2	
					RPD = 3.32	
2 gamma-BHC (Lindane)						
1	4.027	4.033	-0.006	2332996	495.0	
2	2.693	2.693	0.0	2526775	497.9	
					RPD = 0.59	
6 beta-BHC						
1	4.167	4.173	-0.006	1100303	470.8	
2	2.823	2.820	0.003	1180779	488.7	
					RPD = 3.73	
32 delta-BHC						
1	4.710	4.717	-0.007	2278409	507.8	
2	3.123	3.120	0.003	2545255	507.6	
					RPD = 0.05	
18 Heptachlor						
1	4.837	4.840	-0.003	1741218	493.1	
2	3.477	3.473	0.004	2174010	486.0	
					RPD = 1.45	
8 Aldrin						
1	5.467	5.470	-0.003	2121962	499.6	
2	3.977	3.977	0.0	2234023	497.9	
					RPD = 0.33	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.443	6.447	-0.004	1682197	475.8	
2	4.993	4.993	0.0	1924350	488.5	
					RPD = 2.63	
9 gamma-Chlordane						
1	6.657	6.660	-0.003	1666394	485.0	
2	5.213	5.213	0.0	2017530	504.0	
					RPD = 3.84	
23 alpha-Chlordane						
1	6.813	6.817	-0.004	1559719	483.0	
2	5.457	5.457	0.0	1937607	501.2	
					RPD = 3.70	
7 Endosulfan I						
1	6.880	6.883	-0.003	1530007	486.1	
2	5.710	5.710	0.0	1827769	486.1	
					RPD = 0.01	
25 4,4'-DDE						
1	6.973	6.977	-0.004	1622009	492.8	
2	5.607	5.607	0.0	1945701	513.7	
					RPD = 4.16	
30 Dieldrin						
1	7.180	7.183	-0.003	1688738	498.8	
2	6.133	6.133	0.0	1913727	496.4	
					RPD = 0.47	
20 Endrin						
1	7.527	7.527	0.0	1497630	502.1	
2	6.437	6.437	0.0	1613408	488.0	
					RPD = 2.84	
16 4,4'-DDD						
1	7.617	7.620	-0.003	1374436	512.0	
2	6.513	6.513	0.0	1549415	510.3	
					RPD = 0.33	
11 Endosulfan II						
1	7.763	7.767	-0.004	1441611	486.4	
2	6.677	6.677	0.0	1521630	489.4	
					RPD = 0.62	
21 4,4'-DDT						
1	7.987	7.990	-0.003	1462761	509.0	
2	6.803	6.807	-0.004	1656111	507.9	
					RPD = 0.22	
5 Endrin aldehyde						
1	8.153	8.157	-0.004	1126399	486.2	
2	7.103	7.103	0.0	1253249	486.8	
					RPD = 0.13	
3 Endosulfan sulfate						
1	8.423	8.423	0.0	1230609	489.9	
2	7.567	7.567	0.0	1414300	482.3	
					RPD = 1.58	

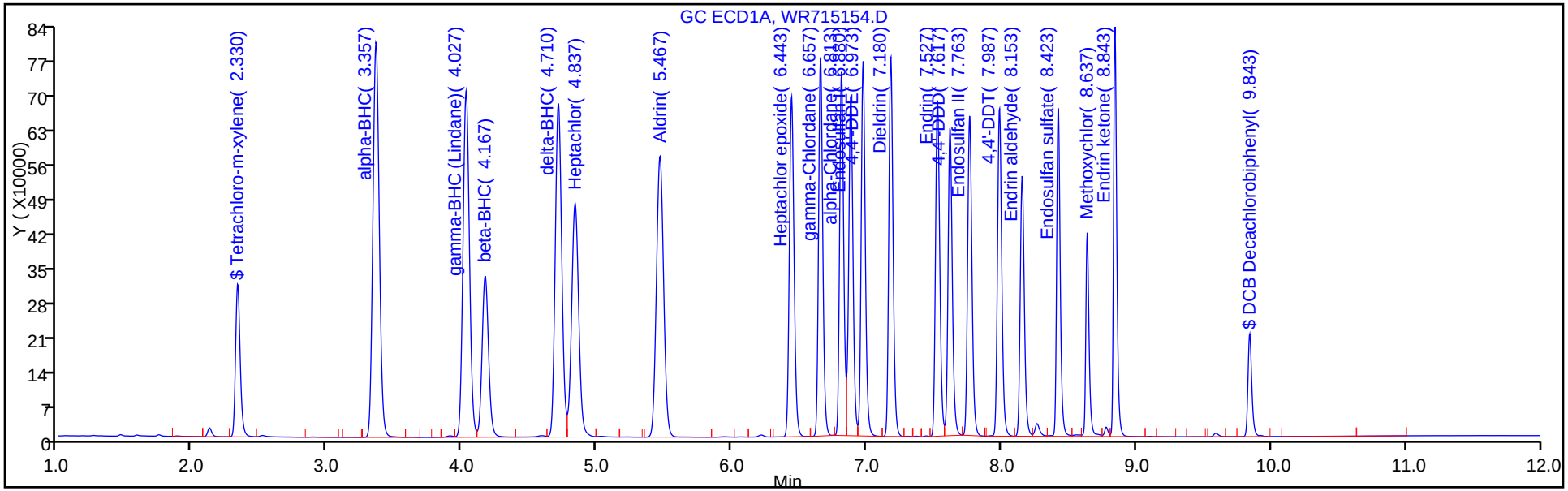
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.637	8.640	-0.003	699821	473.7	
2	7.313	7.313	0.0	793469	465.6	
					RPD = 1.72	
13 Endrin ketone						
1	8.843	8.843	0.0	1380607	489.7	
2	7.880	7.880	0.0	1616377	488.5	
					RPD = 0.25	
$ 24 DCB Decachlorobiphenyl						
1	9.843	9.843	0.0	418675	188.9	
2	8.793	8.793	0.0	507576	192.7	
					RPD = 1.99	

Report Date: 29-Jul-2013 11:02:24 Chrom Revision: 2.1 25-Jul-2013 20:19:50

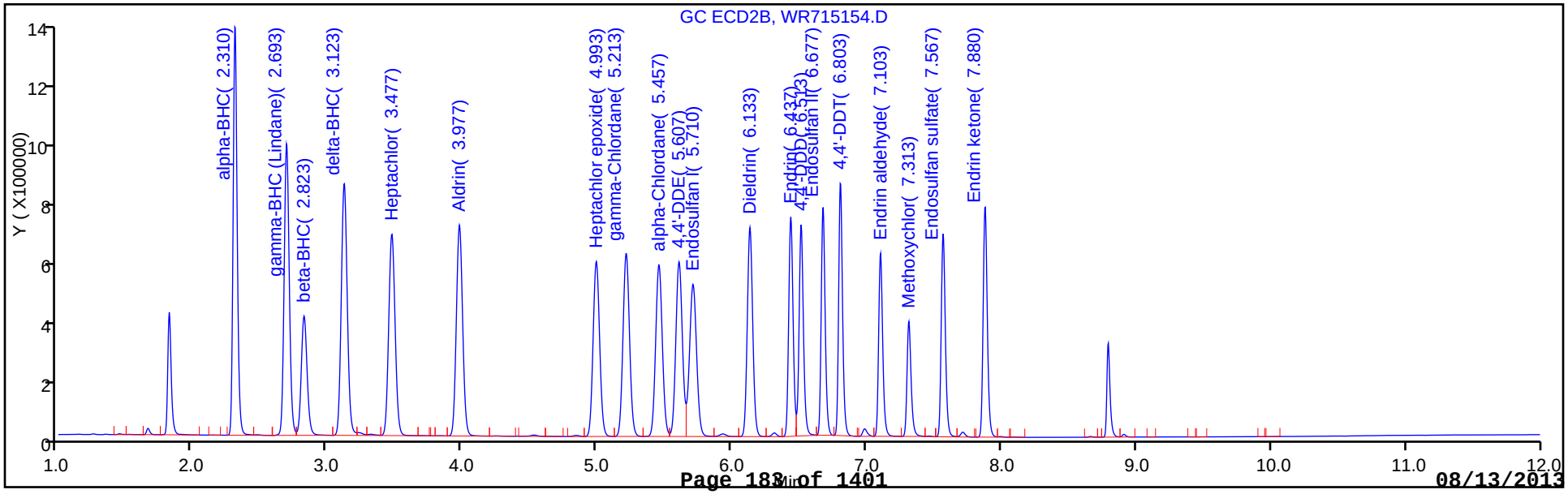
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715154.D		
Injection Date:	29-Jul-2013 08:17:07	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26687

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.573										4.503 - 4.643	4.573
Chlordane (technical) Peak 2	4.843										4.773 - 4.913	4.843
Chlordane (technical) Peak 3	5.757										5.687 - 5.827	5.757
Chlordane (technical) Peak 4	6.660										6.590 - 6.730	6.660
Chlordane (technical) Peak 5	6.757										6.687 - 6.827	6.757
Chlordane (technical) Peak 6	6.817										6.747 - 6.887	6.817
Chlordane (technical) Peak 7	7.610										7.540 - 7.680	7.610
Chlordane (technical) Peak 8	7.827										7.757 - 7.897	7.827

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26687

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	171.89				Ave		171.885000						20.0			
Chlordane (technical) Peak	172.22				Ave		172.219000						20.0			
Chlordane (technical) Peak	171.13				Ave		171.128000						20.0			
Chlordane (technical) Peak	409.73				Ave		409.728000						20.0			
Chlordane (technical) Peak	328.13				Ave		328.131000						20.0			
Chlordane (technical) Peak	360.58				Ave		360.581000						20.0			
Chlordane (technical) Peak	79.661				Ave		79.6610000						20.0			
Chlordane (technical) Peak	125.68				Ave		125.682000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26687

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	171885					1000				
Chlordane (technical) Peak 2	Ave	172219					1000				
Chlordane (technical) Peak 3	Ave	171128					1000				
Chlordane (technical) Peak 4	Ave	409728					1000				
Chlordane (technical) Peak 5	Ave	328131					1000				
Chlordane (technical) Peak 6	Ave	360581					1000				
Chlordane (technical) Peak 7	Ave	79661					1000				
Chlordane (technical) Peak 8	Ave	125682					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715155.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	29-Jul-2013 08:32:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0002872-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	173095	Lims Sample ID:	9
Sublist:	chrom-8081GC4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:53	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

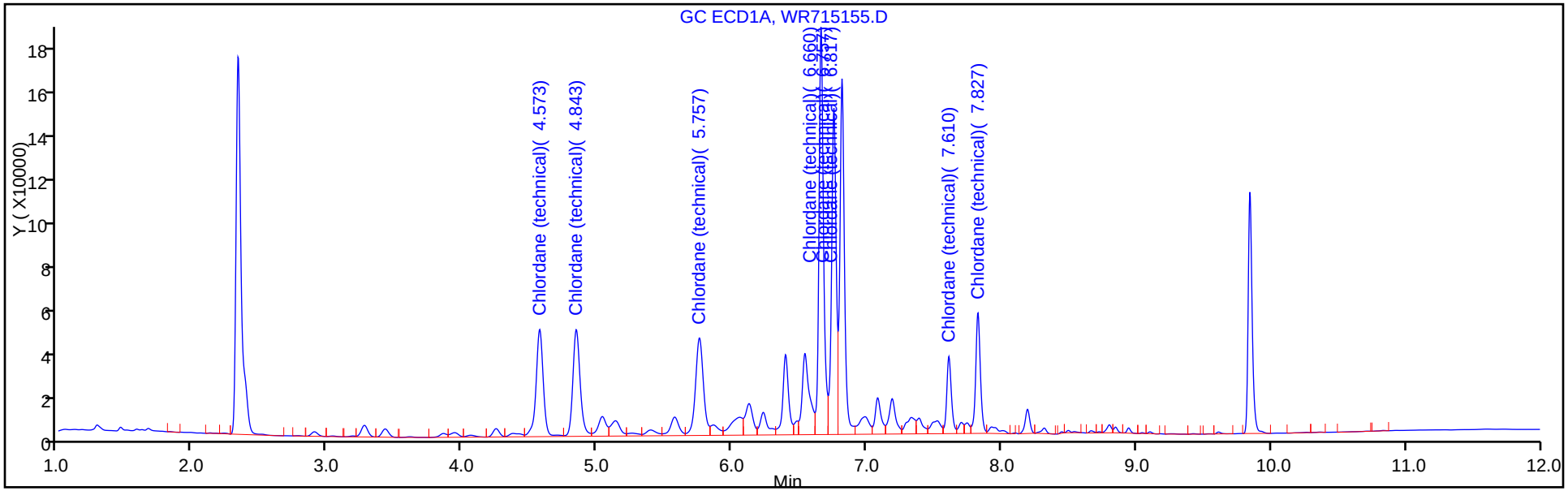
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.573	4.573	0.0	171885	1000.0	
1	4.843	4.843	0.0	172219	1000.0	
1	5.757	5.757	0.0	171128	1000.0	
1	6.660	6.660	0.0	409728	1000.0	
1	6.757	6.757	0.0	328131	1000.0	
1	6.817	6.817	0.0	360581	1000.0	
1	7.610	7.610	0.0	79661	1000.0	
1	7.827	7.827	0.0	125682	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.343	3.343	0.0	159914	1000.0	
2	3.477	3.477	0.0	208936	1000.0	
2	4.203	4.203	0.0	181146	1000.0	
2	5.077	5.077	0.0	106074	1000.0	
2	5.217	5.217	0.0	488164	1000.0	
2	5.447	5.447	0.0	753005	1000.0	
2	6.480	6.480	0.0	98096	1000.0	
2	6.613	6.613	0.0	148157	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 29-Jul-2013 09:27:53 Chrom Revision: 2.1 25-Jul-2013 20:19:50

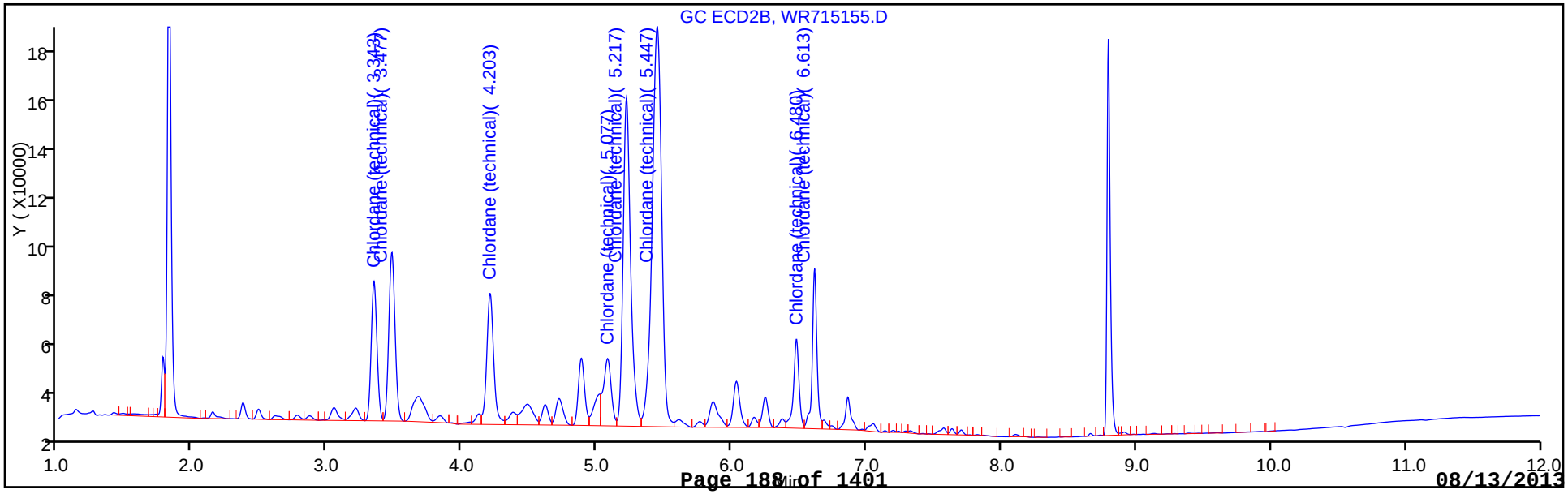
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715155.D		
Injection Date:	29-Jul-2013 08:32:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26688

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.343										3.273 - 3.413	3.343
Chlordane (technical) Peak 2	3.477										3.407 - 3.547	3.477
Chlordane (technical) Peak 3	4.203										4.133 - 4.273	4.203
Chlordane (technical) Peak 4	5.077										5.007 - 5.147	5.077
Chlordane (technical) Peak 5	5.217										5.147 - 5.287	5.217
Chlordane (technical) Peak 6	5.447										5.377 - 5.517	5.447
Chlordane (technical) Peak 7	6.480										6.410 - 6.550	6.480
Chlordane (technical) Peak 8	6.613										6.543 - 6.683	6.613

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26688

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	159.91				Ave		159.914000						20.0			
Chlordane (technical) Peak	208.94				Ave		208.936000						20.0			
Chlordane (technical) Peak	181.15				Ave		181.146000						20.0			
Chlordane (technical) Peak	106.07				Ave		106.074000						20.0			
Chlordane (technical) Peak	488.16				Ave		488.164000						20.0			
Chlordane (technical) Peak	753.01				Ave		753.005000						20.0			
Chlordane (technical) Peak	98.096				Ave		98.0960000						20.0			
Chlordane (technical) Peak	148.16				Ave		148.157000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:32 Calibration End Date: 07/29/2013 08:32 Calibration ID: 26688

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/9	WR715155.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	159914					1000				
Chlordane (technical) Peak 2	Ave	208936					1000				
Chlordane (technical) Peak 3	Ave	181146					1000				
Chlordane (technical) Peak 4	Ave	106074					1000				
Chlordane (technical) Peak 5	Ave	488164					1000				
Chlordane (technical) Peak 6	Ave	753005					1000				
Chlordane (technical) Peak 7	Ave	98096					1000				
Chlordane (technical) Peak 8	Ave	148157					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715155.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	29-Jul-2013 08:32:24	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0002872-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	173095	Lims Sample ID:	9
Sublist:	chrom-8081GC4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:53	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

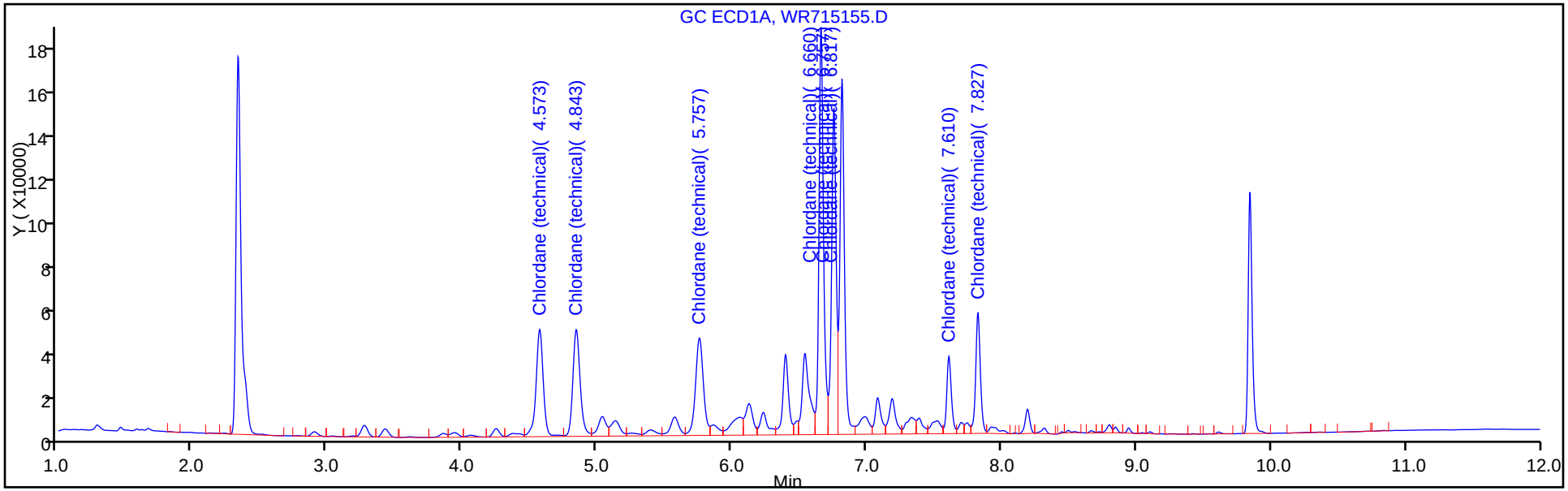
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.573	4.573	0.0	171885	1000.0	
1	4.843	4.843	0.0	172219	1000.0	
1	5.757	5.757	0.0	171128	1000.0	
1	6.660	6.660	0.0	409728	1000.0	
1	6.757	6.757	0.0	328131	1000.0	
1	6.817	6.817	0.0	360581	1000.0	
1	7.610	7.610	0.0	79661	1000.0	
1	7.827	7.827	0.0	125682	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.343	3.343	0.0	159914	1000.0	
2	3.477	3.477	0.0	208936	1000.0	
2	4.203	4.203	0.0	181146	1000.0	
2	5.077	5.077	0.0	106074	1000.0	
2	5.217	5.217	0.0	488164	1000.0	
2	5.447	5.447	0.0	753005	1000.0	
2	6.480	6.480	0.0	98096	1000.0	
2	6.613	6.613	0.0	148157	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 29-Jul-2013 09:27:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

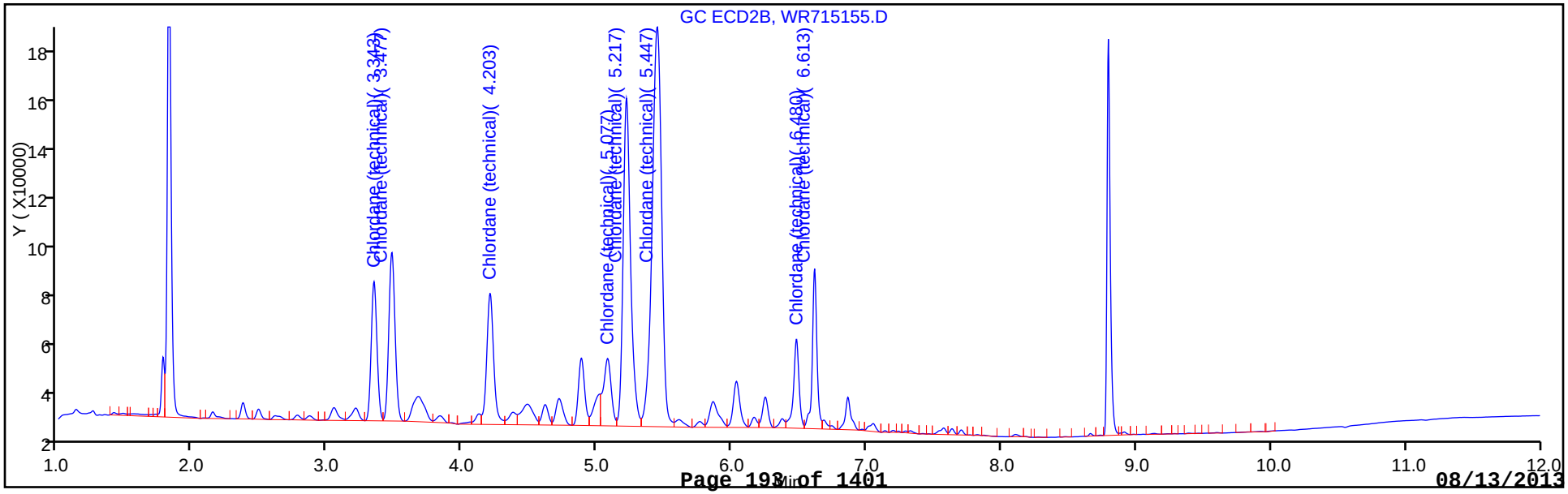
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715155.D		
Injection Date:	29-Jul-2013 08:32:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26693

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.860										7.790 - 7.930	7.860
Toxaphene Peak 2	8.163										8.093 - 8.233	8.163
Toxaphene Peak 3	8.380										8.310 - 8.450	8.380
Toxaphene Peak 4	8.420										8.350 - 8.490	8.420
Toxaphene Peak 5	8.623										8.553 - 8.693	8.623
Toxaphene Peak 6	8.673										8.603 - 8.743	8.673
Toxaphene Peak 7	8.917										8.847 - 8.987	8.917
Toxaphene Peak 8	9.157										9.087 - 9.227	9.157

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26693

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	140.82				Ave		140.819000						20.0			
Toxaphene Peak 2	119.02				Ave		119.017000						20.0			
Toxaphene Peak 3	98.812				Ave		98.8120000						20.0			
Toxaphene Peak 4	96.501				Ave		96.5010000						20.0			
Toxaphene Peak 5	191.54				Ave		191.541000						20.0			
Toxaphene Peak 6	263.58				Ave		263.579000						20.0			
Toxaphene Peak 7	126.33				Ave		126.327000						20.0			
Toxaphene Peak 8	72.022				Ave		72.0220000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26693

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	140819					1000				
Toxaphene Peak 2	Ave	119017					1000				
Toxaphene Peak 3	Ave	98812					1000				
Toxaphene Peak 4	Ave	96501					1000				
Toxaphene Peak 5	Ave	191541					1000				
Toxaphene Peak 6	Ave	263579					1000				
Toxaphene Peak 7	Ave	126327					1000				
Toxaphene Peak 8	Ave	72022					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	29-Jul-2013 08:48:04	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0002872-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	173095	Lims Sample ID:	10
Sublist:	chrom-8081GC4*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:55	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 09:25:49

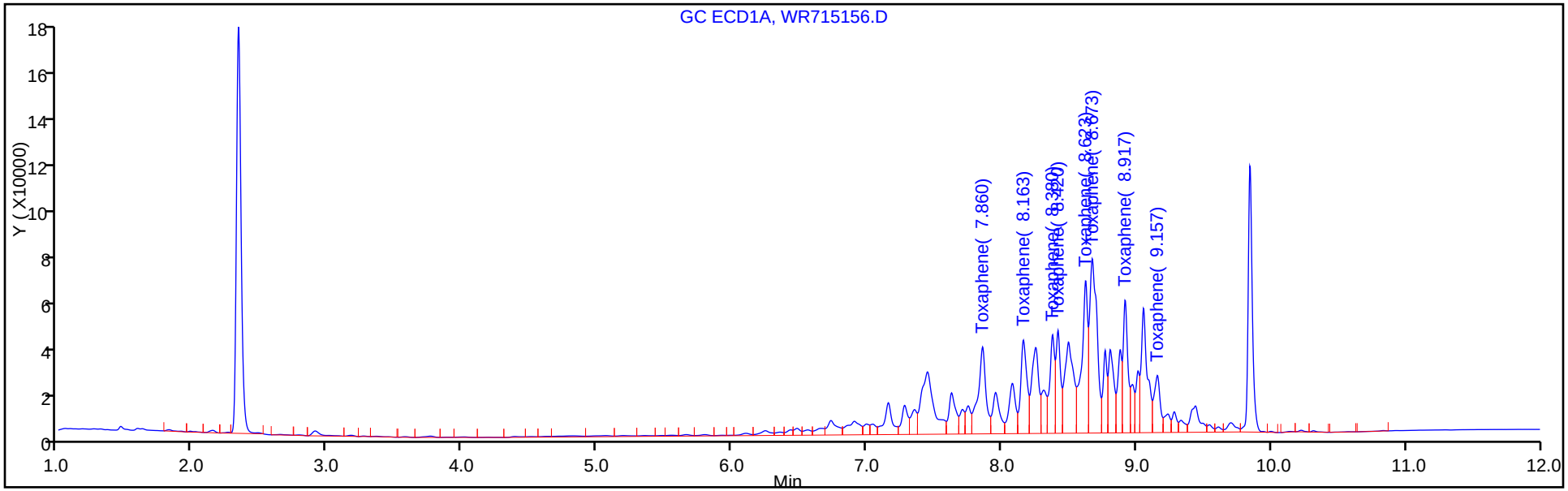
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						
1	7.860	7.860	0.0	140819	1000.0	a
1	8.163	8.163	0.0	119017	1000.0	
1	8.380	8.380	0.0	98812	1000.0	
1	8.420	8.420	0.0	96501	1000.0	
1	8.623	8.623	0.0	191541	1000.0	
1	8.673	8.673	0.0	263579	1000.0	a
1	8.917	8.917	0.0	126327	1000.0	
1	9.157	9.157	0.0	72022	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.740	6.740	0.0	120877	1000.0	a
2	7.020	7.020	0.0	184157	1000.0	a
2	7.083	7.083	0.0	168724	1000.0	a
2	7.220	7.220	0.0	234947	1000.0	
2	7.467	7.467	0.0	183897	1000.0	
2	7.563	7.563	0.0	306470	1000.0	
2	7.867	7.867	0.0	173542	1000.0	
2	8.037	8.037	0.0	116765	1000.0	a
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 29-Jul-2013 09:27:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

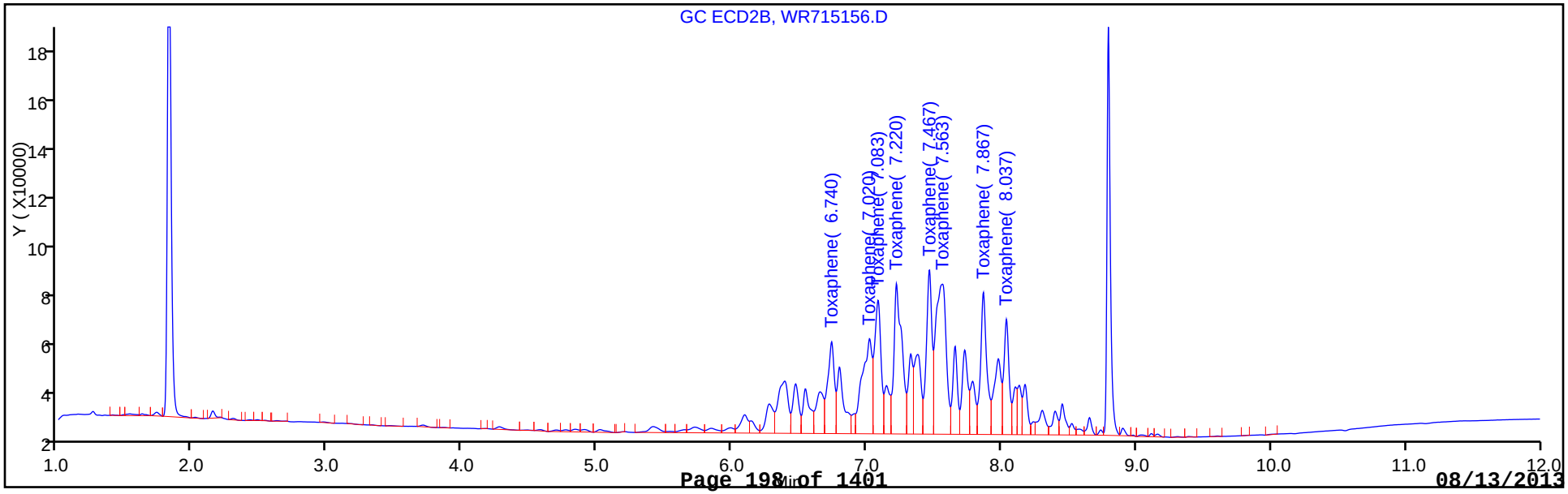
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Injection Date:	29-Jul-2013 08:48:04	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26694

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.740										6.670 - 6.810	6.740
Toxaphene Peak 2	7.020										6.950 - 7.090	7.020
Toxaphene Peak 3	7.083										7.013 - 7.153	7.083
Toxaphene Peak 4	7.220										7.150 - 7.290	7.220
Toxaphene Peak 5	7.467										7.397 - 7.537	7.467
Toxaphene Peak 6	7.563										7.493 - 7.633	7.563
Toxaphene Peak 7	7.867										7.797 - 7.937	7.867
Toxaphene Peak 8	8.037										7.967 - 8.107	8.037

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26694

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	120.88				Ave		120.877000						20.0			
Toxaphene Peak 2	184.16				Ave		184.157000						20.0			
Toxaphene Peak 3	168.72				Ave		168.724000						20.0			
Toxaphene Peak 4	234.95				Ave		234.947000						20.0			
Toxaphene Peak 5	183.90				Ave		183.897000						20.0			
Toxaphene Peak 6	306.47				Ave		306.470000						20.0			
Toxaphene Peak 7	173.54				Ave		173.542000						20.0			
Toxaphene Peak 8	116.77				Ave		116.765000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 173095

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/29/2013 08:48 Calibration End Date: 07/29/2013 08:48 Calibration ID: 26694

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-173095/10	WR715156.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	120877					1000				
Toxaphene Peak 2	Ave	184157					1000				
Toxaphene Peak 3	Ave	168724					1000				
Toxaphene Peak 4	Ave	234947					1000				
Toxaphene Peak 5	Ave	183897					1000				
Toxaphene Peak 6	Ave	306470					1000				
Toxaphene Peak 7	Ave	173542					1000				
Toxaphene Peak 8	Ave	116765					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	29-Jul-2013 08:48:04	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0002872-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	173095	Lims Sample ID:	10
Sublist:	chrom-8081GC4*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\8081GC4.m		
Last Update:	29-Jul-2013 09:27:55	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK026		

First Level Reviewer: manlangitf Date: 29-Jul-2013 09:25:49

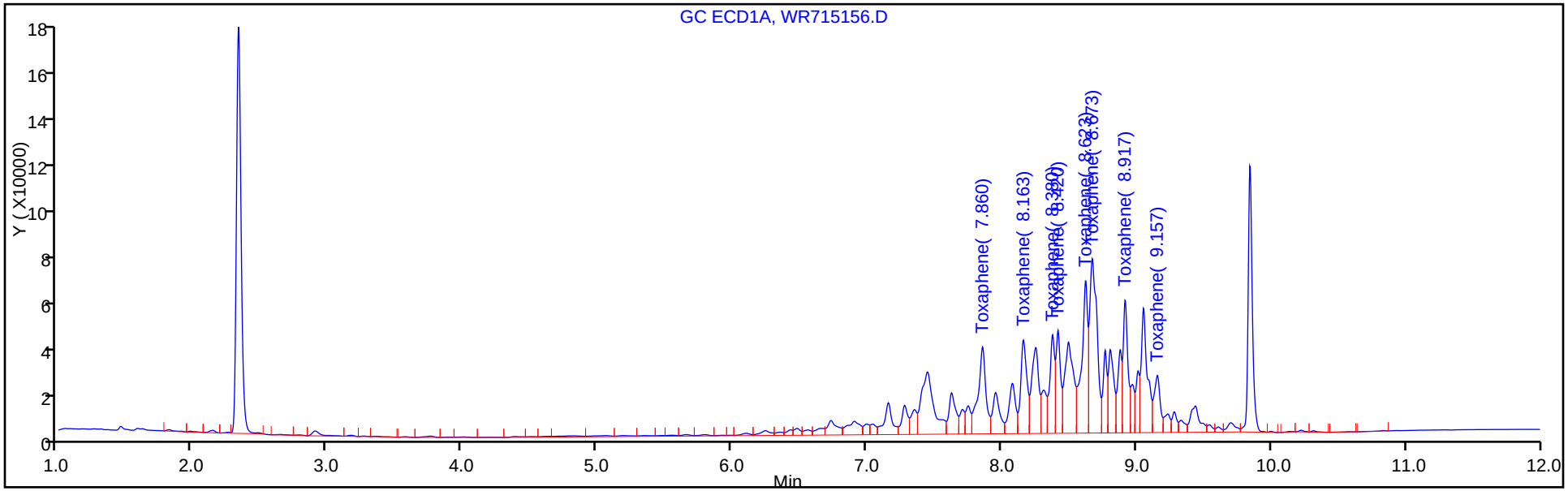
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						
1	7.860	7.860	0.0	140819	1000.0	a
1	8.163	8.163	0.0	119017	1000.0	
1	8.380	8.380	0.0	98812	1000.0	
1	8.420	8.420	0.0	96501	1000.0	
1	8.623	8.623	0.0	191541	1000.0	
1	8.673	8.673	0.0	263579	1000.0	a
1	8.917	8.917	0.0	126327	1000.0	
1	9.157	9.157	0.0	72022	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.740	6.740	0.0	120877	1000.0	a
2	7.020	7.020	0.0	184157	1000.0	a
2	7.083	7.083	0.0	168724	1000.0	a
2	7.220	7.220	0.0	234947	1000.0	
2	7.467	7.467	0.0	183897	1000.0	
2	7.563	7.563	0.0	306470	1000.0	
2	7.867	7.867	0.0	173542	1000.0	
2	8.037	8.037	0.0	116765	1000.0	a
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 29-Jul-2013 09:27:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

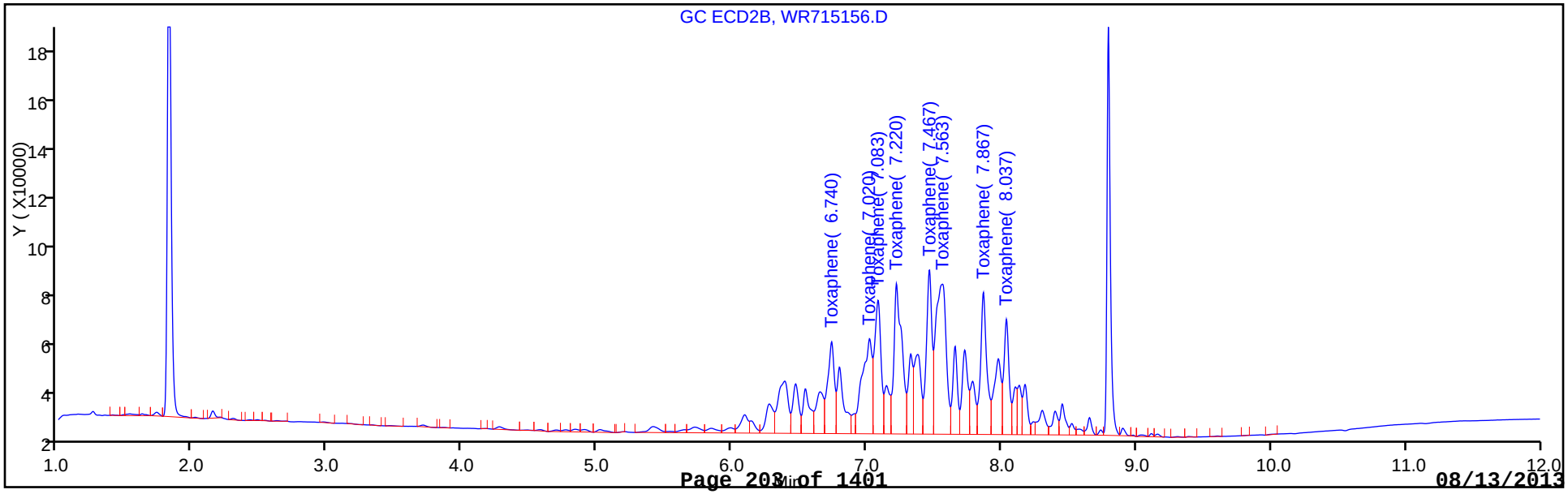
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Injection Date:	29-Jul-2013 08:48:04	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	173095	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.343	3.347	3.340	3.343	3.340						3.290 - 3.390	3.343
gamma-BHC (Lindane)	4.010	4.013	4.007	4.007	4.007						3.957 - 4.057	4.009
beta-BHC	4.150	4.153	4.150	4.150	4.150						4.100 - 4.200	4.151
delta-BHC	4.693	4.693	4.690	4.690	4.690						4.640 - 4.740	4.691
Heptachlor	4.813	4.817	4.810	4.813	4.810						4.760 - 4.860	4.813
Aldrin	5.437	5.440	5.437	5.437	5.437						5.387 - 5.487	5.438
Heptachlor epoxide	6.423	6.427	6.423	6.423	6.423						6.353 - 6.493	6.424
gamma-Chlordane	6.640	6.643	6.640	6.640	6.640						6.570 - 6.710	6.641
alpha-Chlordane	6.797	6.800	6.797	6.797	6.797						6.727 - 6.867	6.798
Endosulfan I	6.867	6.867	6.863	6.867	6.863						6.793 - 6.933	6.865
4,4'-DDE	6.960	6.960	6.957	6.957	6.957						6.887 - 7.027	6.958
Dieldrin	7.163	7.163	7.160	7.163	7.160						7.090 - 7.230	7.162
Endrin	7.510	7.510	7.507	7.510	7.507						7.437 - 7.577	7.509
4,4'-DDD	7.607	7.607	7.603	7.603	7.603						7.533 - 7.673	7.605
Endosulfan II	7.750	7.750	7.747	7.747	7.747						7.677 - 7.817	7.748
4,4'-DDT	7.970	7.973	7.970	7.970	7.970						7.900 - 8.040	7.971
Endrin aldehyde	8.140	8.140	8.137	8.137	8.137						8.067 - 8.207	8.138
Endosulfan sulfate	8.410	8.410	8.410	8.410	8.410						8.340 - 8.480	8.410
Methoxychlor	8.630	8.630	8.627	8.627	8.627						8.557 - 8.697	8.628
Endrin ketone	8.833	8.833	8.833	8.833	8.833						8.763 - 8.903	8.833
Tetrachloro-m-xylene	2.323	2.323	2.323	2.320	2.320						2.273 - 2.373	2.322
DCB Decachlorobiphenyl	9.830	9.833	9.830	9.830	9.830						9.730 - 9.930	9.831

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	6572.5 5620.9	5799.7	5523.0	5619.7	Ave		5827.16480				7.4		20.0			
gamma-BHC (Lindane)	6018.5 4882.3	5113.1	4838.6	4926.2	Ave		5155.72440				9.6		20.0			
beta-BHC	3440.7 2380.6	2633.9	2403.1	2406.4	Ave		2652.93120				17.0		20.0			
delta-BHC	5762.9 4886.2	4909.8	4684.8	4896.3	Ave		5028.00960				8.4		20.0			
Heptachlor	4977.3 3862.3	4144.1	3911.1	3917.6	Ave		4162.46640				11.0		20.0			
Aldrin	5546.3 4514.0	4697.2	4477.0	4554.9	Ave		4757.86920				9.4		20.0			
Heptachlor epoxide	5097.0 3584.3	3850.2	3596.8	3589.3	Ave		3943.51440				17.0		20.0			
gamma-Chlordane	4932.8 3650.3	3734.2	3518.8	3578.1	Ave		3882.82120				15.0		20.0			
alpha-Chlordane	4540.3 3386.5	3477.9	3255.3	3302.7	Ave		3592.54200				15.0		20.0			
Endosulfan I	4431.9 3251.4	3401.6	3218.9	3252.6	Ave		3511.29160				15.0		20.0			
4,4'-DDE	4365.7 3508.3	3470.8	3329.3	3422.1	Ave		3619.24480				12.0		20.0			
Dieldrin	4538.2 3613.8	3641.5	3472.9	3553.3	Ave		3763.93560				12.0		20.0			
Endrin	3797.1 3224.6	3192.2	3130.0	3143.7	Ave		3297.52440				8.5		20.0			
4,4'-DDD	3473.5 3001.8	2894.7	2810.4	2912.3	Ave		3018.55360				8.7		20.0			
Endosulfan II	4215.0 3175.6	3256.3	3070.1	3126.9	Ave		3368.77480				14.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27302

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	3634.1 3213.5	3029.4	3040.8	3094.2	Ave		3202.41280				7.9		20.0			
Endrin aldehyde	3570.9 2442.3	2510.8	2375.1	2409.8	Ave		2661.77520				19.0		20.0			
Endosulfan sulfate	3556.1 2631.5	2603.5	2475.5	2550.0	Ave		2763.32200				16.0		20.0			
Methoxychlor	2154.2 1491.7	1623.0	1457.1	1457.3	Ave		1636.64040				18.0		20.0			
Endrin ketone	4037.0 2956.3	2982.2	2763.8	2832.8	Ave		3114.42280				17.0		20.0			
Tetrachloro-m-xylene	4636.1 3922.2	4430.6	4069.5	3937.2	Ave		4199.12633				7.6		20.0			
DCB Decachlorobiphenyl	2711.2 2238.5	2521.6	2280.9	2241.0	Ave		2398.64467				8.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27302

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	65725	289986	552303	1404929	2810429	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	60185	255655	483855	1231550	2441136	10.0	50.0	100	250	500
beta-BHC	Ave	34407	131694	240310	601601	1190286	10.0	50.0	100	250	500
delta-BHC	Ave	57629	245490	468479	1224087	2443105	10.0	50.0	100	250	500
Heptachlor	Ave	49773	207205	391105	979390	1931161	10.0	50.0	100	250	500
Aldrin	Ave	55463	234859	447696	1138734	2256985	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	50970	192510	359681	897317	1792147	10.0	50.0	100	250	500
gamma-Chlordane	Ave	49328	186710	351876	894518	1825137	10.0	50.0	100	250	500
alpha-Chlordane	Ave	45403	173894	325531	825671	1693268	10.0	50.0	100	250	500
Endosulfan I	Ave	44319	170081	321889	813157	1625710	10.0	50.0	100	250	500
4,4'-DDE	Ave	43657	173539	332930	855528	1754166	10.0	50.0	100	250	500
Dieldrin	Ave	45382	182074	347291	888321	1806902	10.0	50.0	100	250	500
Endrin	Ave	37971	159610	313000	785922	1612317	10.0	50.0	100	250	500
4,4'-DDD	Ave	34735	144735	281044	728074	1500916	10.0	50.0	100	250	500
Endosulfan II	Ave	42150	162814	307006	781737	1587793	10.0	50.0	100	250	500
4,4'-DDT	Ave	36341	151470	304081	773557	1606763	10.0	50.0	100	250	500
Endrin aldehyde	Ave	35709	125538	237510	602461	1221136	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	35561	130177	247549	637500	1315740	10.0	50.0	100	250	500
Methoxychlor	Ave	21542	81151	145705	364319	745828	10.0	50.0	100	250	500
Endrin ketone	Ave	40370	149112	276381	708198	1478136	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	115903	221532	406946	590581	784441	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	67780	126082	228087	336152	447700	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Lims ID:	IC 3	Client ID:	
Inject. Date:	08-Aug-2013 09:01:06	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0003317-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	175030	Lims Sample ID:	4
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:17	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:53:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	406946	96.9	
2	1.813	1.813	0.0	414732	97.6	
					RPD = 0.69	
15 alpha-BHC						
1	3.340	3.340	0.0	552303	94.8	
2	2.293	2.293	0.0	581130	92.7	
					RPD = 2.25	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	483855	93.8	
2	2.670	2.670	0.0	541088	93.6	
					RPD = 0.32	
6 beta-BHC						
1	4.150	4.150	0.0	240310	90.6	
2	2.797	2.797	0.0	257790	92.7	
					RPD = 2.36	
32 delta-BHC						
1	4.690	4.690	0.0	468479	93.2	
2	3.090	3.090	0.0	554077	93.7	
					RPD = 0.51	
18 Heptachlor						
1	4.810	4.810	0.0	391105	94.0	
2	3.443	3.443	0.0	514173	96.0	
					RPD = 2.10	
8 Aldrin						
1	5.437	5.437	0.0	447696	94.1	
2	3.943	3.943	0.0	517832	99.7	
					RPD = 5.76	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	359681	91.2	
2	4.953	4.953	0.0	457895	94.1	
					RPD = 3.15	
9 gamma-Chlordane						
1	6.640	6.640	0.0	351876	90.6	
2	5.173	5.173	0.0	475106	93.5	
					RPD = 3.11	
23 alpha-Chlordane						
1	6.797	6.797	0.0	325531	90.6	
2	5.417	5.417	0.0	450573	93.4	
					RPD = 3.07	
7 Endosulfan I						
1	6.863	6.863	0.0	321889	91.7	
2	5.667	5.667	0.0	457913	93.4	
					RPD = 1.89	
25 4,4'-DDE						
1	6.957	6.957	0.0	332930	92.0	
2	5.567	5.567	0.0	423038	94.6	
					RPD = 2.85	
30 Dieldrin						
1	7.160	7.160	0.0	347291	92.3	
2	6.100	6.100	0.0	444109	93.7	
					RPD = 1.56	
20 Endrin						
1	7.507	7.507	0.0	313000	94.9	
2	6.410	6.410	0.0	378334	96.1	
					RPD = 1.23	
16 4,4'-DDD						M
1	7.603	7.603	0.0	281044	93.1	M
2	6.490	6.490	0.0	348595	94.6	
					RPD = 1.57	
11 Endosulfan II						M
1	7.747	7.747	0.0	307006	91.1	M
2	6.653	6.653	0.0	352909	92.5	
					RPD = 1.47	
21 4,4'-DDT						M
1	7.970	7.970	0.0	304081	95.0	M
2	6.783	6.783	0.0	382430	94.0	
					RPD = 0.99	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	237510	89.2	M
2	7.080	7.080	0.0	290898	90.2	
					RPD = 1.08	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	247549	89.6	M
2	7.543	7.543	0.0	310645	90.8	
					RPD = 1.35	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	145705	89.0	M
2	7.297	7.297	0.0	184395	94.1	
					RPD = 5.54	
13 Endrin ketone						
1	8.833	8.833	0.0	276381	88.7	
2	7.857	7.857	0.0	365277	92.4	
					RPD = 4.08	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	228087	95.1	
2	8.780	8.780	0.0	297479	95.3	
					RPD = 0.24	

QC Flag Legend

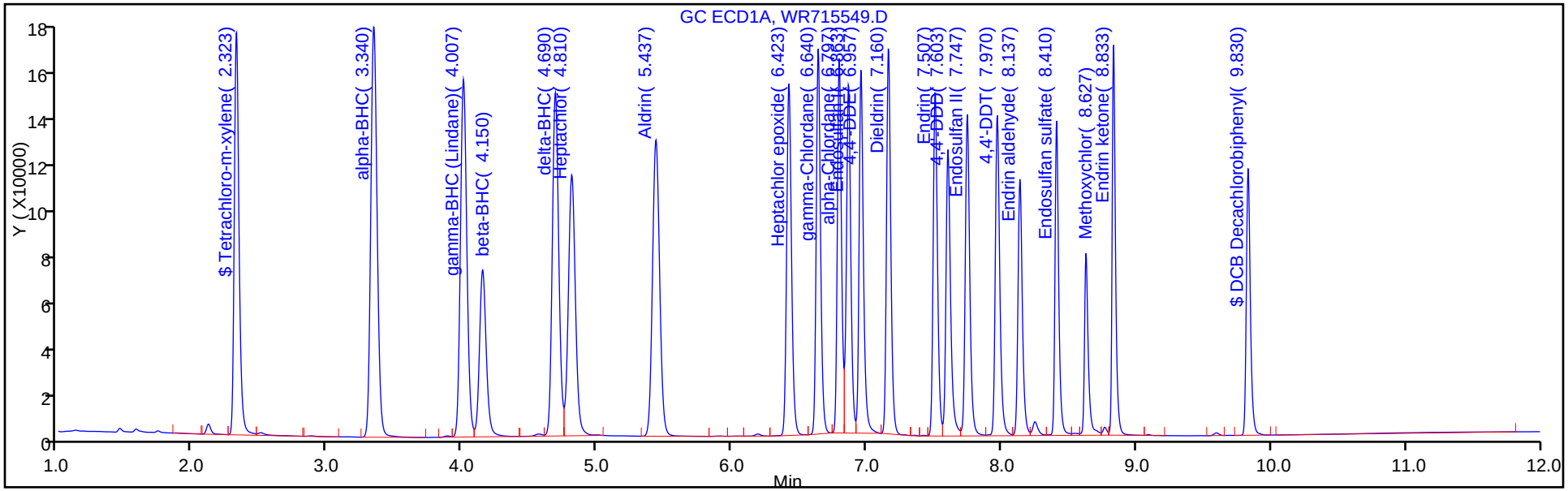
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

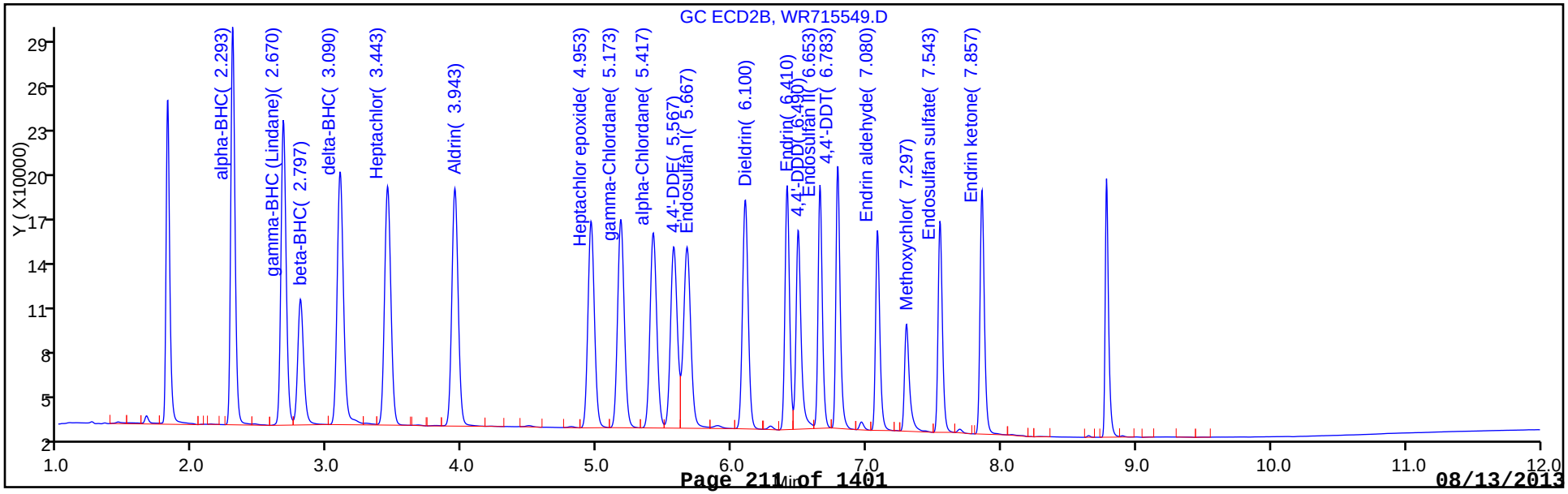
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

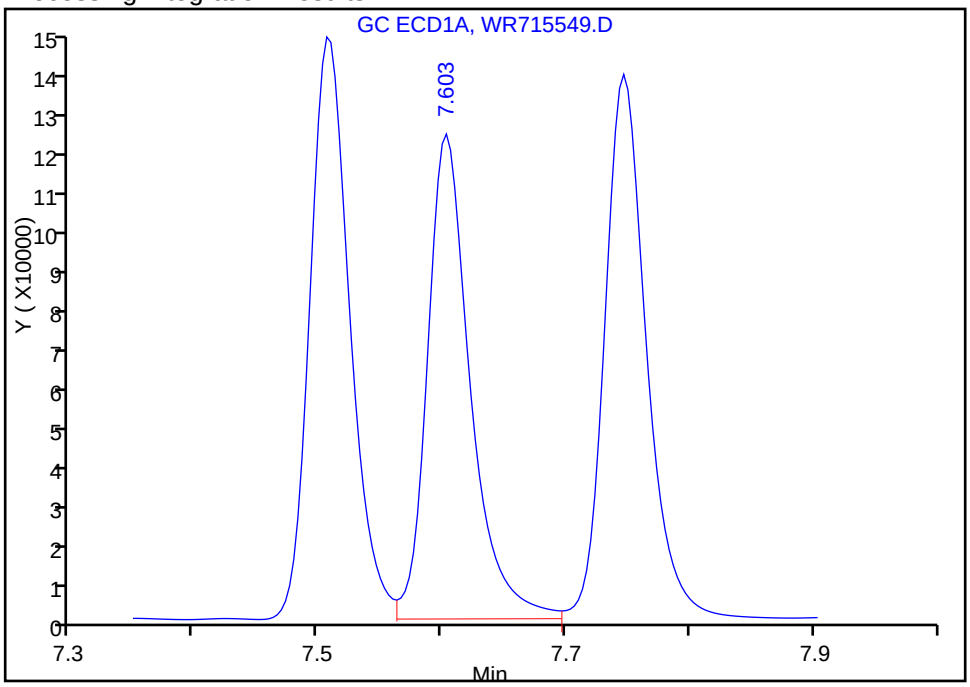
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.60, Det: GC ECD1A

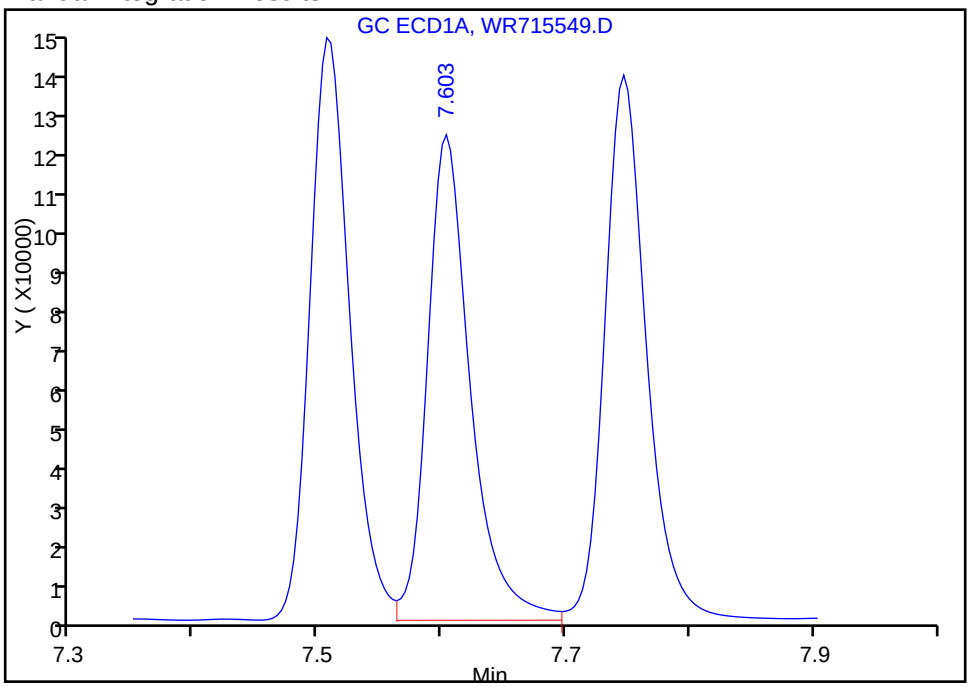
Processing Integration Results

RT: 7.60
Response: 279568
Amount: 92.707206



Manual Integration Results

RT: 7.60
Response: 281044
Amount: 93.105519



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

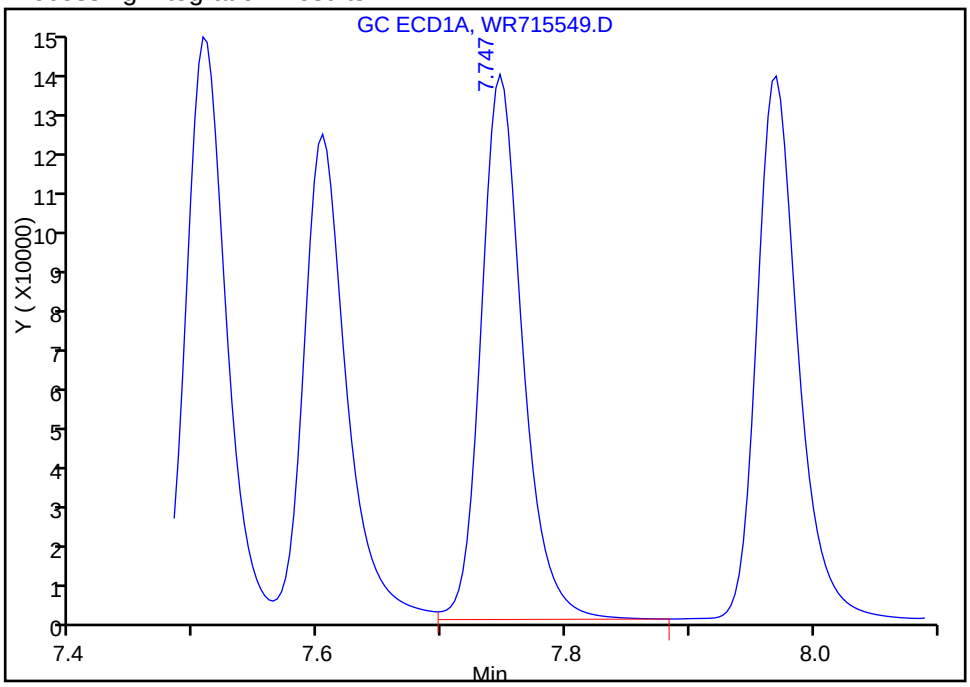
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.75, Det: GC ECD1A

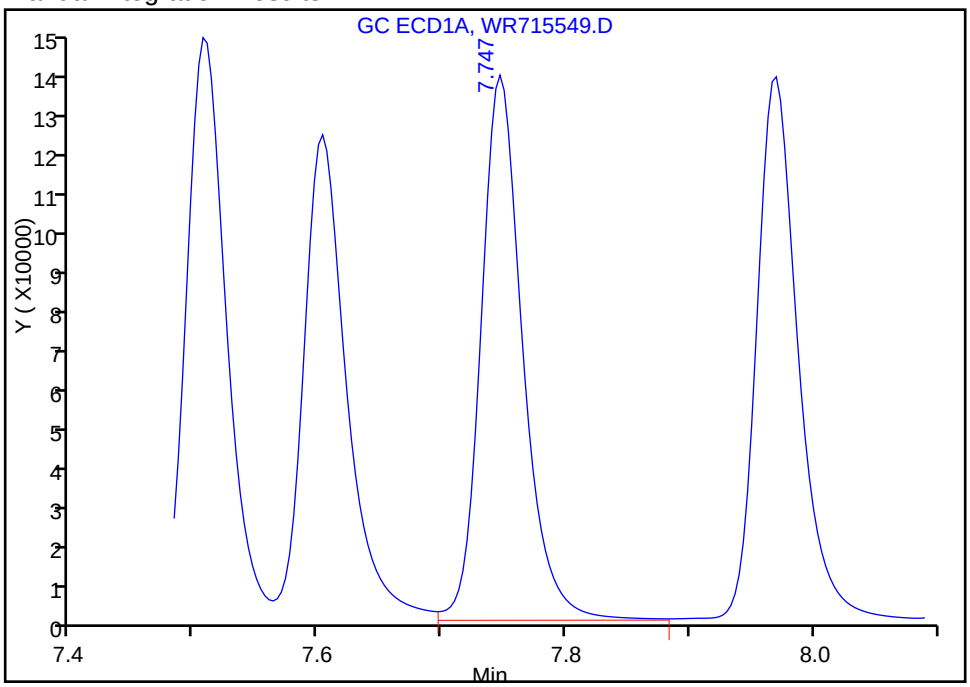
Processing Integration Results

RT: 7.75
Response: 304139
Amount: 90.435715



Manual Integration Results

RT: 7.75
Response: 307006
Amount: 91.132836



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

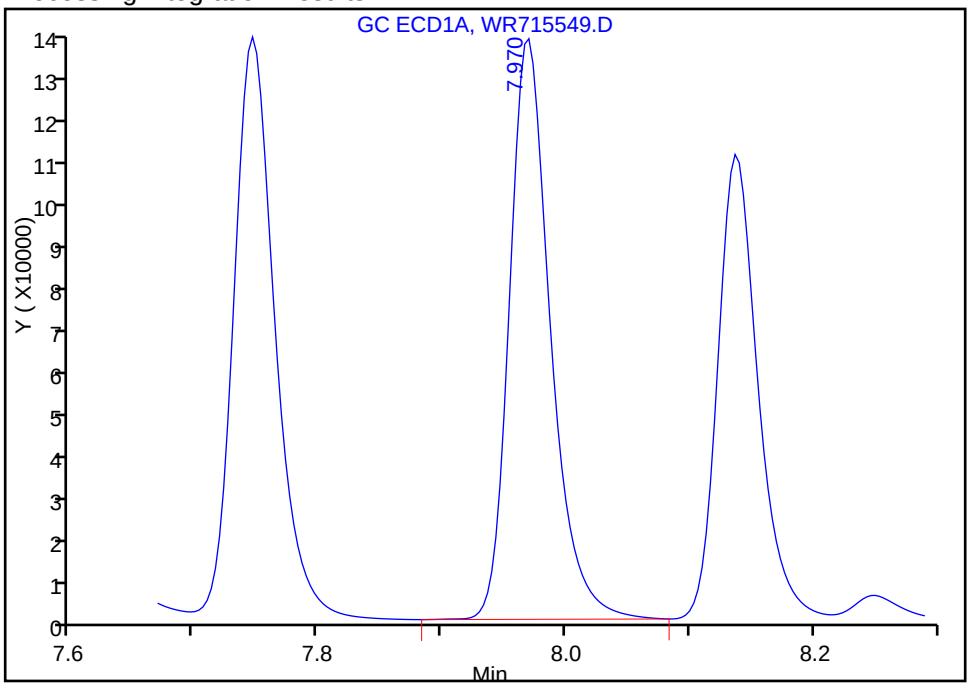
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.97, Det: GC ECD1A

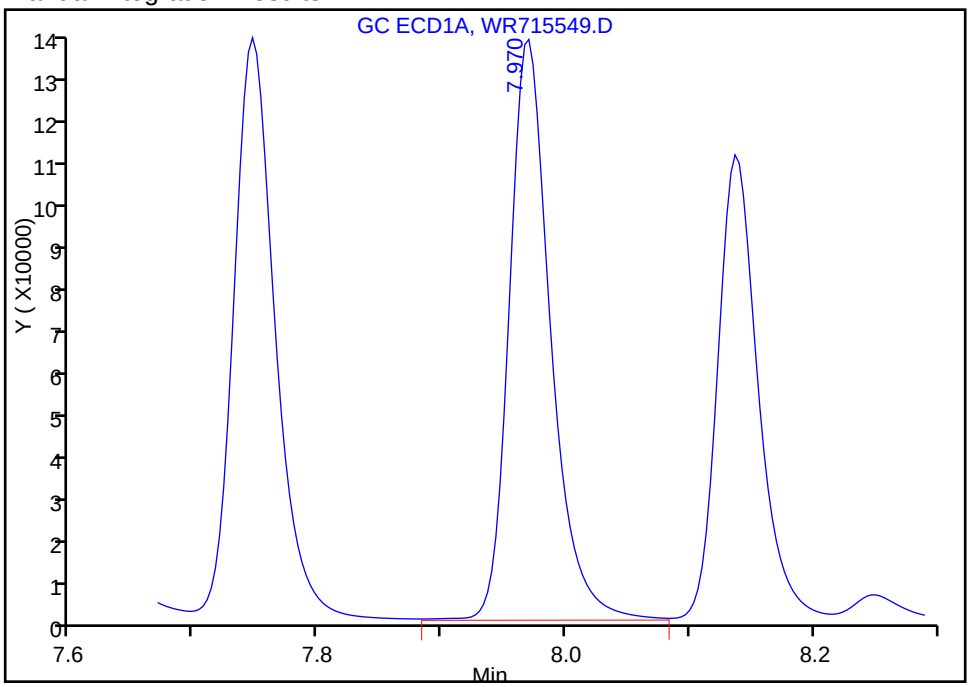
Processing Integration Results

RT: 7.97
Response: 300013
Amount: 93.922042



Manual Integration Results

RT: 7.97
Response: 304081
Amount: 94.953717



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

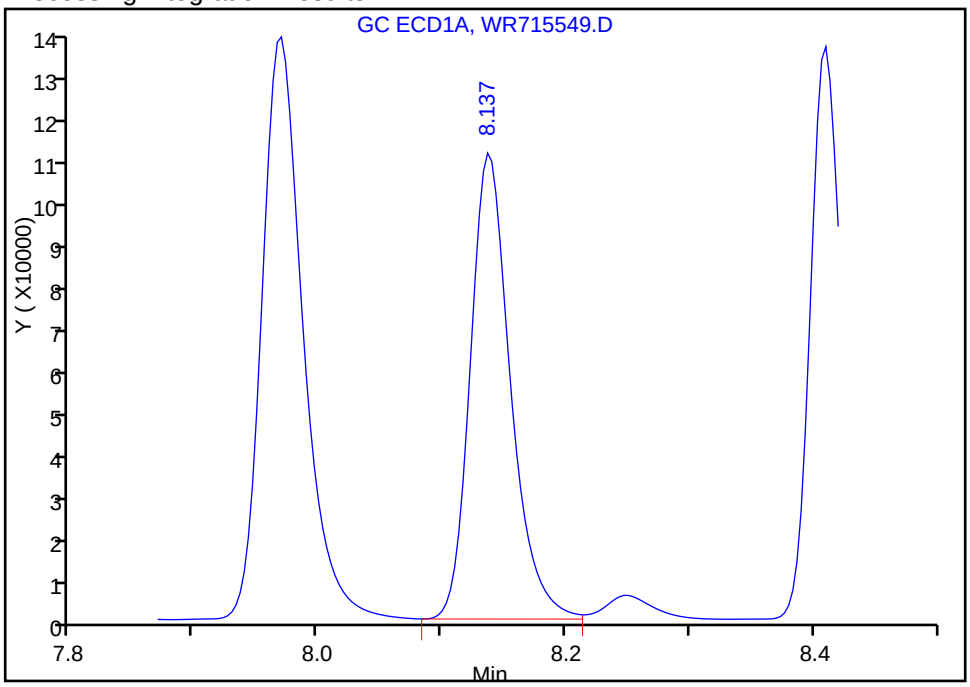
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 8.14, Det: GC ECD1A

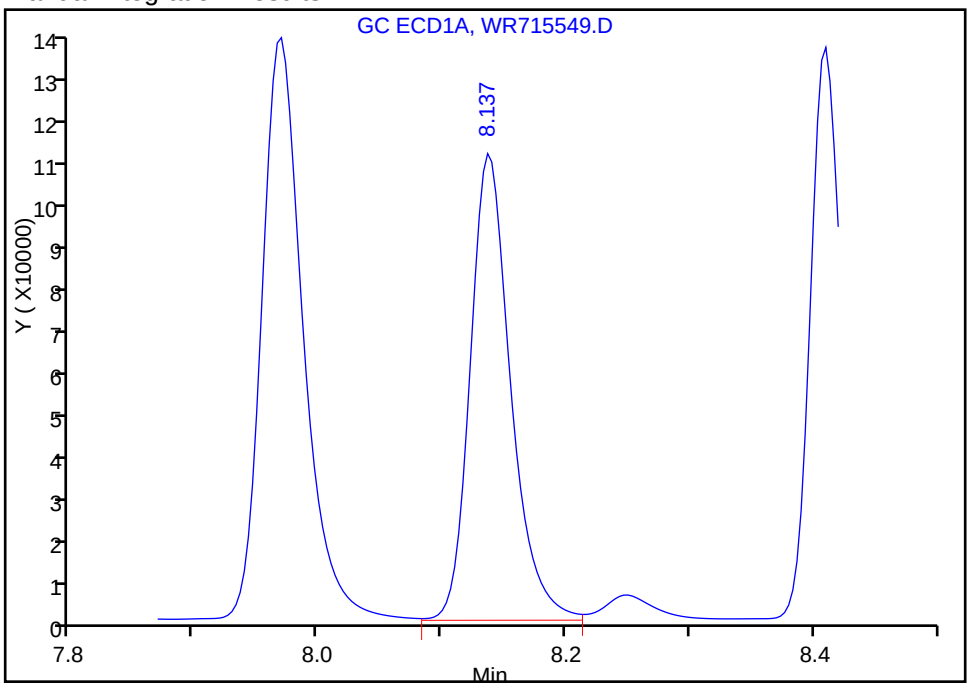
Processing Integration Results

RT: 8.14
Response: 234812
Amount: 88.395512



Manual Integration Results

RT: 8.14
Response: 237510
Amount: 89.229924



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

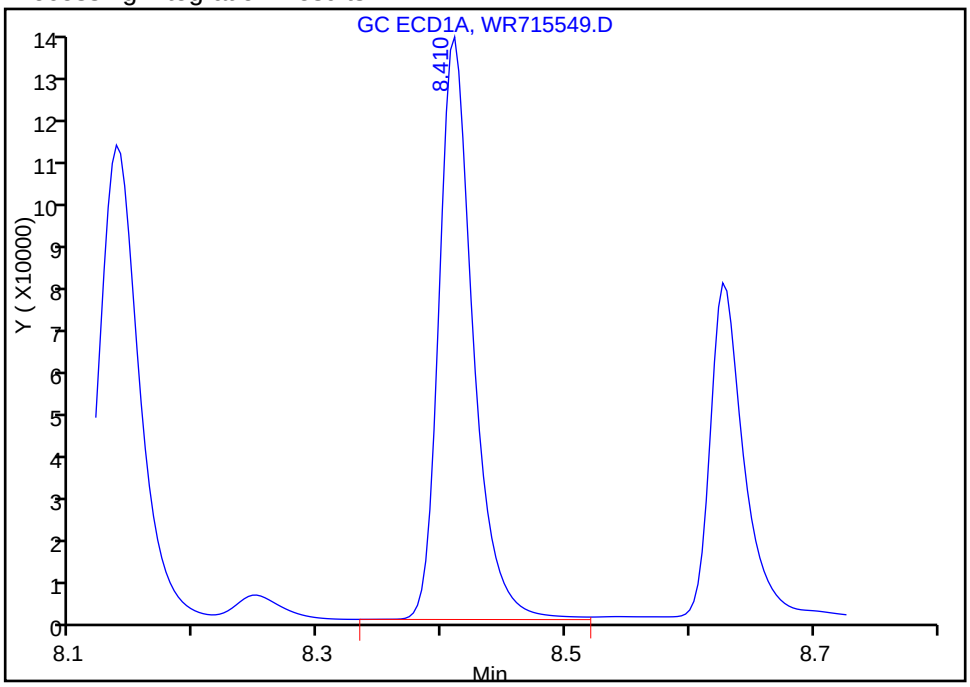
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 8.41, Det: GC ECD1A

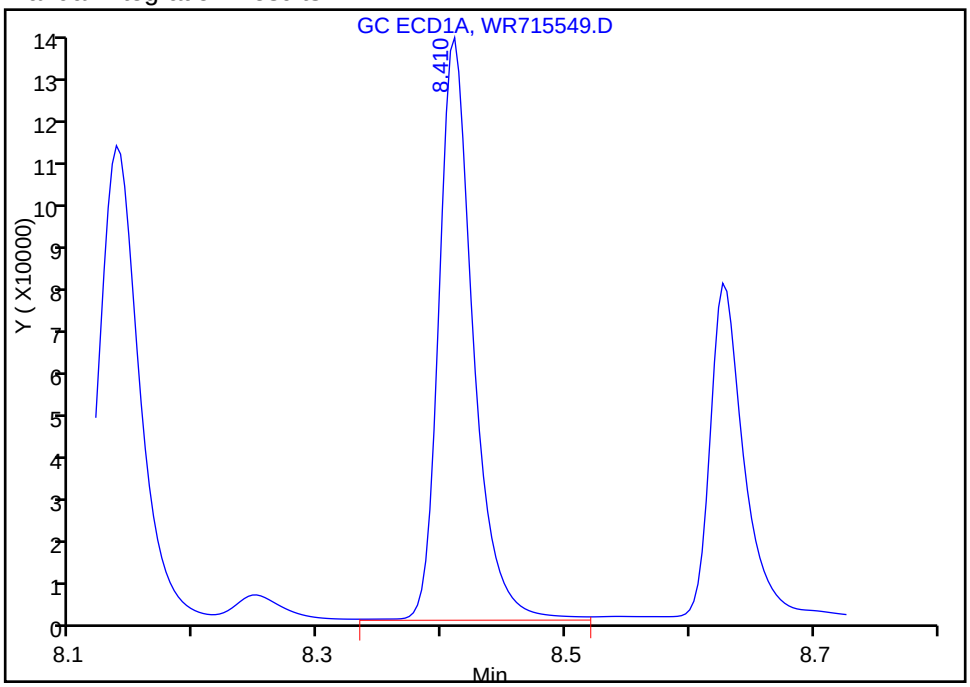
Processing Integration Results

RT: 8.41
Response: 245365
Amount: 88.934067



Manual Integration Results

RT: 8.41
Response: 247549
Amount: 89.583841



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

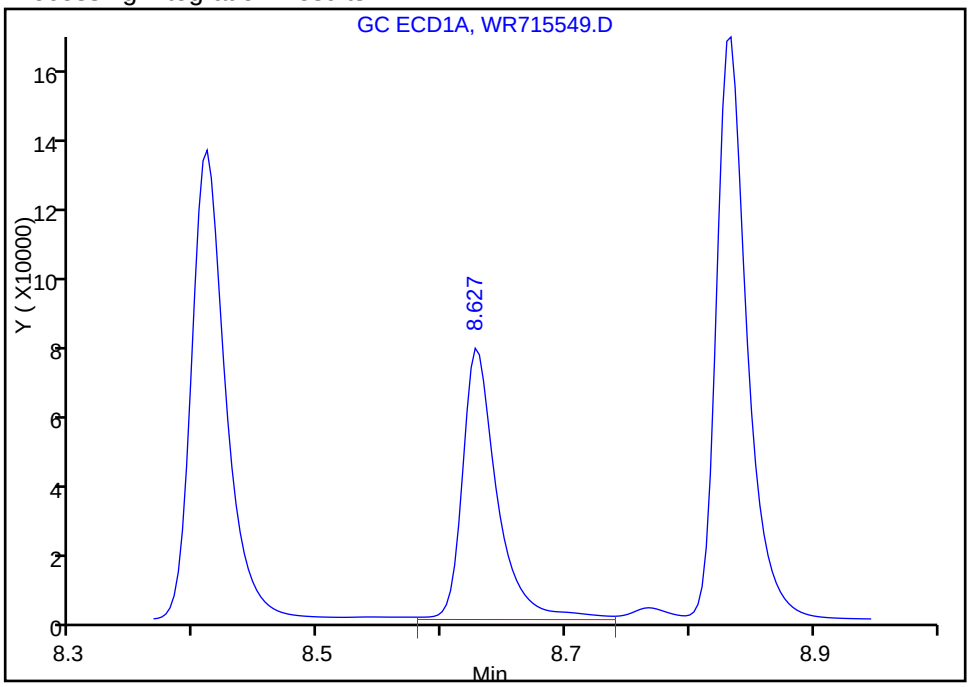
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 1, Type: quant, RT: 8.63, Det: GC ECD1A

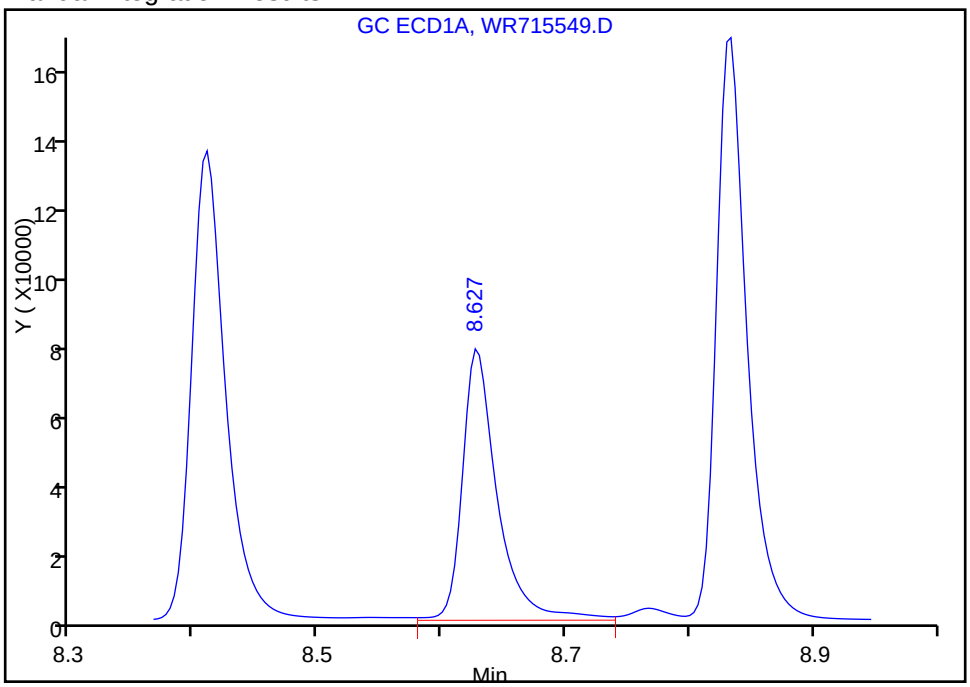
Processing Integration Results

RT: 8.63
Response: 145139
Amount: 88.742436



Manual Integration Results

RT: 8.63
Response: 145705
Amount: 89.026887



Reviewer: kapoors, 08-Aug-2013 11:53:16
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715551.D		
Lims ID:	IC 2	Client ID:	
Inject. Date:	08-Aug-2013 09:42:44	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0003327-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175030	Lims Sample ID:	6
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:19	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:34:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	221532	52.8	
2	1.810	1.813	-0.003	221376	52.1	
					RPD = 1.27	
15 alpha-BHC						
1	3.347	3.340	0.007	289986	49.8	
2	2.293	2.293	0.0	312674	49.9	
					RPD = 0.19	
2 gamma-BHC (Lindane)						
1	4.013	4.007	0.006	255655	49.6	
2	2.670	2.670	0.0	287919	49.8	
					RPD = 0.39	
6 beta-BHC						
1	4.153	4.150	0.003	131694	49.6	
2	2.797	2.797	0.0	138275	49.7	
					RPD = 0.21	
32 delta-BHC						
1	4.693	4.690	0.003	245490	48.8	
2	3.090	3.090	0.0	289471	48.9	
					RPD = 0.21	
18 Heptachlor						
1	4.817	4.810	0.007	207205	49.8	
2	3.443	3.443	0.0	271723	50.7	
					RPD = 1.85	
8 Aldrin						
1	5.440	5.437	0.003	234859	49.4	
2	3.943	3.943	0.0	273849	52.7	
					RPD = 6.57	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.427	6.423	0.004	192510	48.8	
2	4.953	4.953	0.0	249151	51.2	
					RPD = 4.80	
9 gamma-Chlordane						
1	6.643	6.640	0.003	186710	48.1	
2	5.177	5.173	0.004	252916	49.8	
					RPD = 3.43	
23 alpha-Chlordane						
1	6.800	6.797	0.003	173894	48.4	
2	5.417	5.417	0.0	242503	50.3	
					RPD = 3.82	
7 Endosulfan I						
1	6.867	6.863	0.004	170081	48.4	
2	5.667	5.667	0.0	248639	50.7	
					RPD = 4.61	
25 4,4'-DDE						
1	6.960	6.957	0.003	173539	47.9	
2	5.570	5.567	0.003	221440	49.5	
					RPD = 3.27	
30 Dieldrin						
1	7.163	7.160	0.003	182074	48.4	
2	6.100	6.100	0.0	240000	50.6	
					RPD = 4.59	
20 Endrin						
1	7.510	7.507	0.003	159610	48.4	
2	6.410	6.410	0.0	199934	50.8	
					RPD = 4.79	
16 4,4'-DDD						
1	7.607	7.603	0.004	144735	47.9	
2	6.493	6.490	0.003	179904	48.8	
					RPD = 1.79	
11 Endosulfan II						
1	7.750	7.747	0.003	162814	48.3	
2	6.653	6.653	0.0	191646	50.2	
					RPD = 3.84	
21 4,4'-DDT						
1	7.973	7.970	0.003	151470	47.3	
2	6.787	6.783	0.004	197112	48.5	
					RPD = 2.42	
5 Endrin aldehyde						
1	8.140	8.137	0.003	125538	47.2	
2	7.080	7.080	0.0	157040	48.7	
					RPD = 3.20	
3 Endosulfan sulfate						
1	8.410	8.410	0.0	130177	47.1	
2	7.547	7.543	0.004	167739	49.0	
					RPD = 3.99	

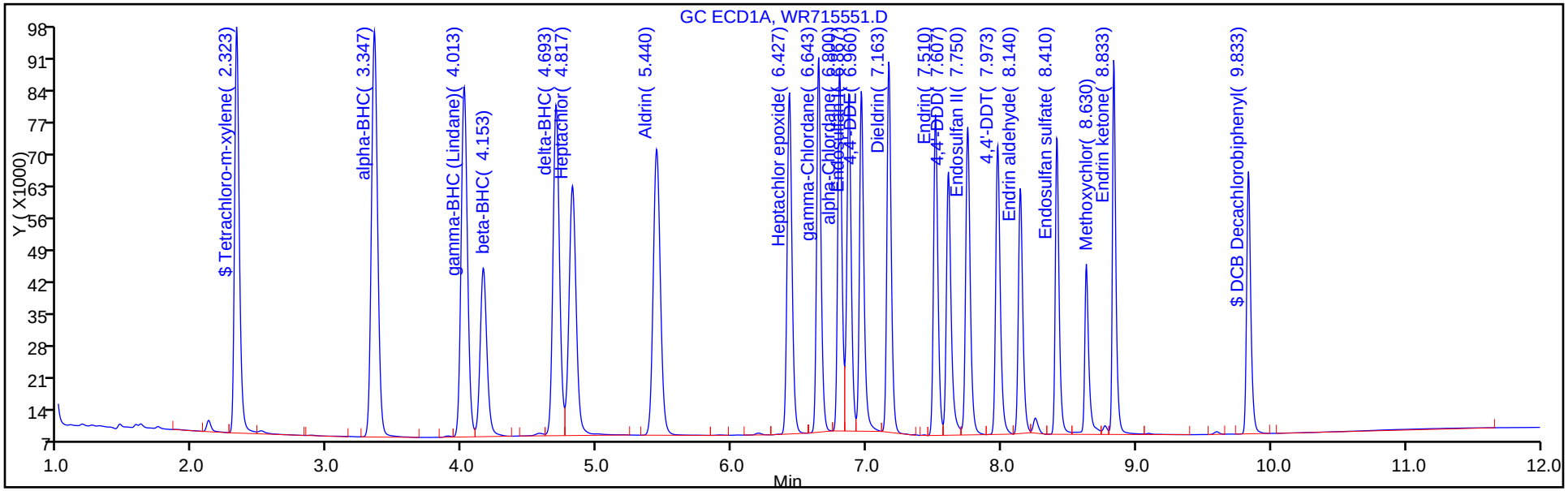
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.630	8.627	0.003	81151	49.6	
2	7.297	7.297	0.0	100134	51.1	
					RPD = 3.01	
13 Endrin ketone						
1	8.833	8.833	0.0	149112	47.9	
2	7.857	7.857	0.0	195387	49.4	
					RPD = 3.22	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.830	0.003	126082	52.6	
2	8.783	8.780	0.003	163857	52.5	
					RPD = 0.12	

Report Date: 08-Aug-2013 11:56:19 Chrom Revision: 2.1 25-Jul-2013 20:19:50

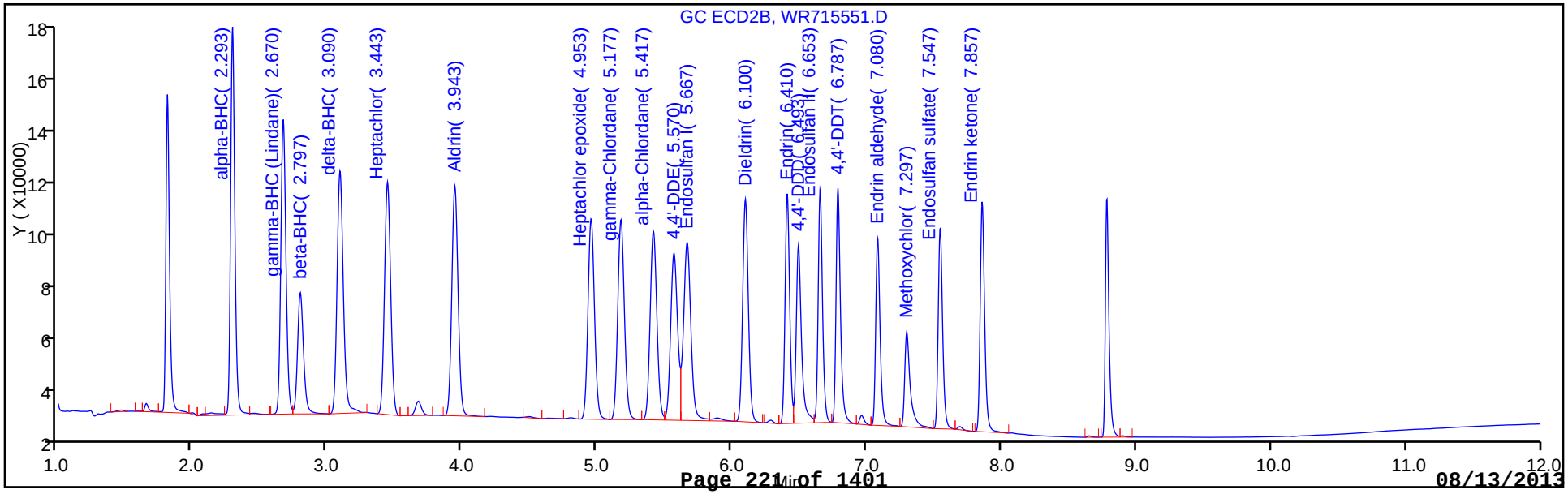
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715551.D		
Injection Date:	08-Aug-2013 09:42:44	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	08-Aug-2013 09:58:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0003327-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	175030	Lims Sample ID:	7
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:37:35

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	590581	140.6	
2	1.810	1.813	-0.003	624164	146.9	
					RPD = 4.33	
15 alpha-BHC						
1	3.343	3.340	0.003	1404929	241.1	
2	2.293	2.293	0.0	1501508	239.4	
					RPD = 0.69	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	1231550	238.9	
2	2.670	2.670	0.0	1390681	240.4	
					RPD = 0.66	
6 beta-BHC						
1	4.150	4.150	0.0	601601	226.8	
2	2.793	2.797	-0.004	667158	240.0	
					RPD = 5.68	
32 delta-BHC						
1	4.690	4.690	0.0	1224087	243.5	
2	3.090	3.090	0.0	1449874	245.1	
					RPD = 0.66	
18 Heptachlor						
1	4.813	4.810	0.003	979390	235.3	
2	3.443	3.443	0.0	1270160	237.0	
					RPD = 0.74	
8 Aldrin						
1	5.437	5.437	0.0	1138734	239.3	
2	3.940	3.943	-0.003	1312223	252.6	
					RPD = 5.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	897317	227.5	
2	4.953	4.953	0.0	1140842	234.5	
					RPD = 3.02	
9 gamma-Chlordane						
1	6.640	6.640	0.0	894518	230.4	
2	5.173	5.173	0.0	1223391	240.7	
					RPD = 4.39	
23 alpha-Chlordane						
1	6.797	6.797	0.0	825671	229.8	
2	5.417	5.417	0.0	1163574	241.3	
					RPD = 4.87	
7 Endosulfan I						
1	6.867	6.863	0.004	813157	231.6	
2	5.667	5.667	0.0	1124018	229.3	
					RPD = 0.98	
25 4,4'-DDE						
1	6.957	6.957	0.0	855528	236.4	
2	5.567	5.567	0.0	1113246	249.1	
					RPD = 5.23	
30 Dieldrin						
1	7.163	7.160	0.003	888321	236.0	
2	6.100	6.100	0.0	1126288	237.7	
					RPD = 0.70	
20 Endrin						M
1	7.510	7.507	0.003	785922	238.3	M
2	6.410	6.410	0.0	922065	234.2	
					RPD = 1.76	
16 4,4'-DDD						M
1	7.603	7.603	0.0	728074	241.2	M
2	6.490	6.490	0.0	921798	250.1	
					RPD = 3.63	
11 Endosulfan II						M
1	7.747	7.747	0.0	781737	232.1	M
2	6.653	6.653	0.0	904305	237.0	
					RPD = 2.10	
21 4,4'-DDT						M
1	7.970	7.970	0.0	773557	241.6	M
2	6.783	6.783	0.0	997967	245.3	
					RPD = 1.56	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	602461	226.3	M
2	7.080	7.080	0.0	735940	228.2	
					RPD = 0.82	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	637500	230.7	M
2	7.543	7.543	0.0	790394	231.0	
					RPD = 0.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	364319	222.6	M
2	7.297	7.297	0.0	460068	234.8	
					RPD = 5.33	
13 Endrin ketone						
1	8.833	8.833	0.0	708198	227.4	
2	7.857	7.857	0.0	903991	228.8	
					RPD = 0.60	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	336152	140.1	
2	8.780	8.780	0.0	446277	143.0	
					RPD = 2.02	

QC Flag Legend

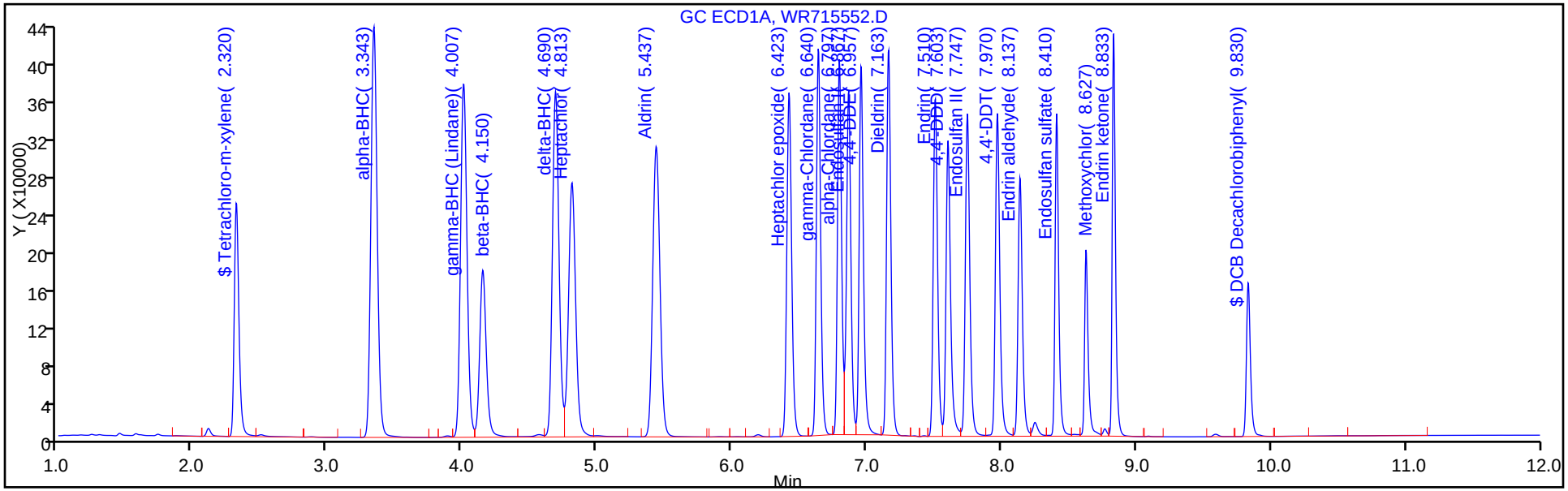
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

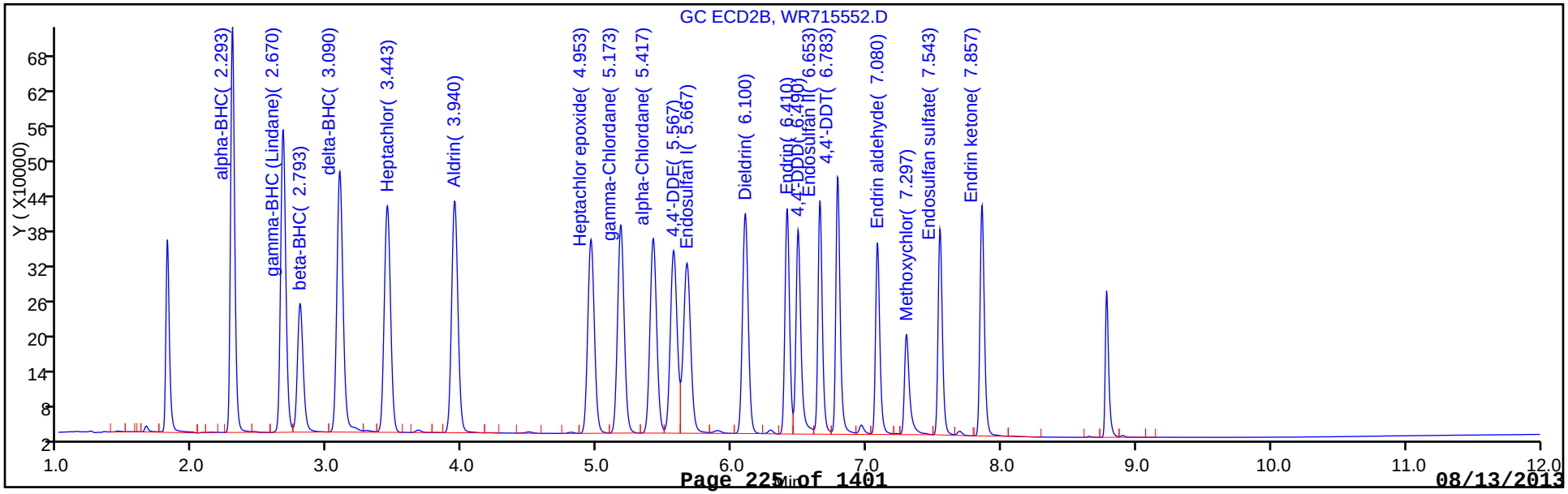
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

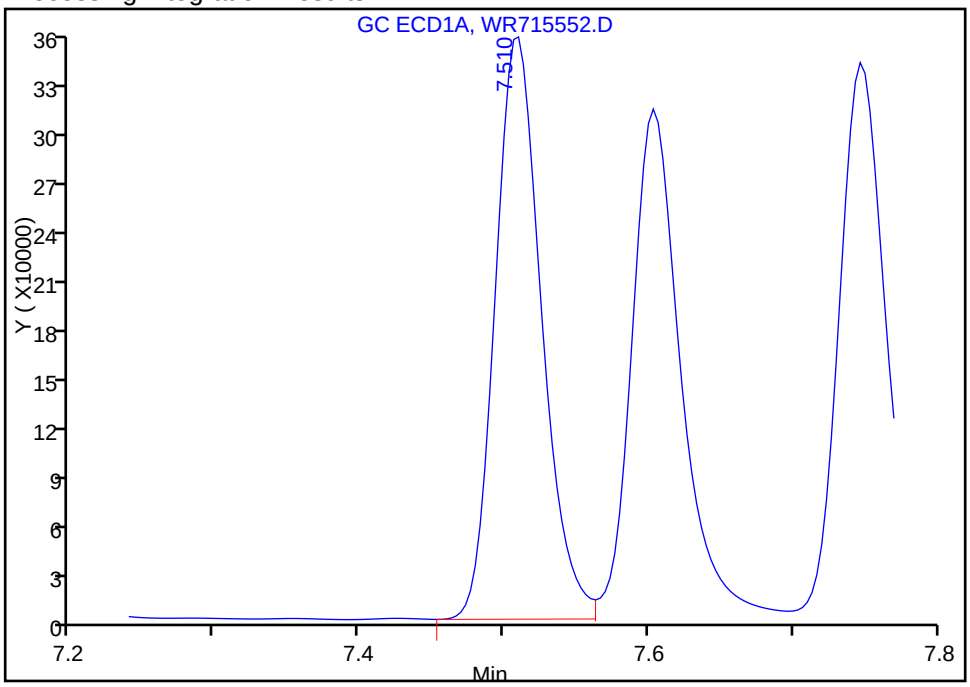
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 1, Type: quant, RT: 7.51, Det: GC ECD1A

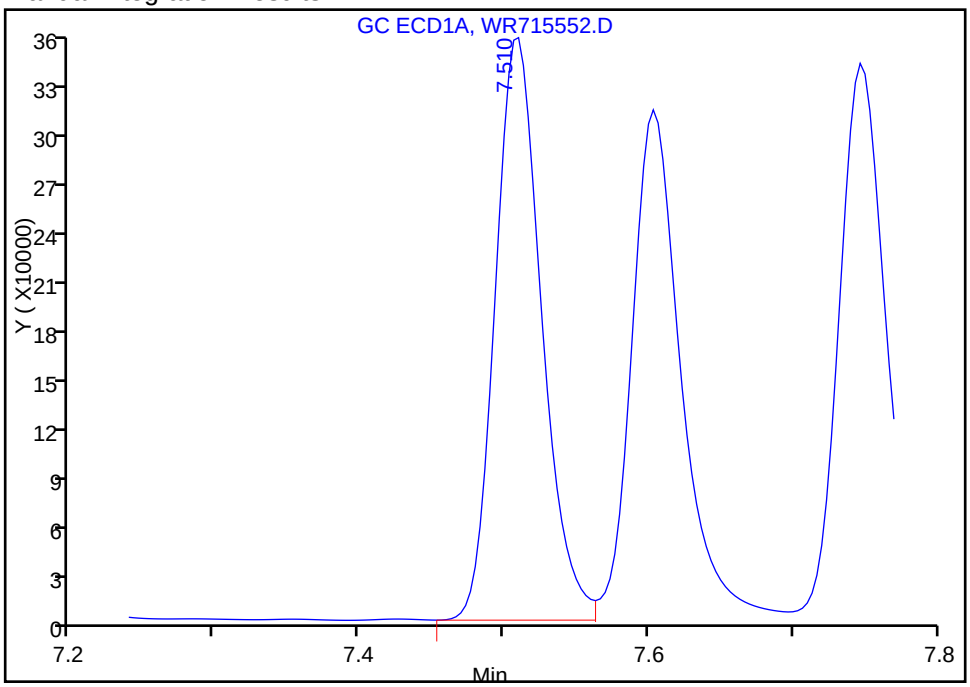
Processing Integration Results

RT: 7.51
Response: 784942
Amount: 238.0964



Manual Integration Results

RT: 7.51
Response: 785922
Amount: 238.3370



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

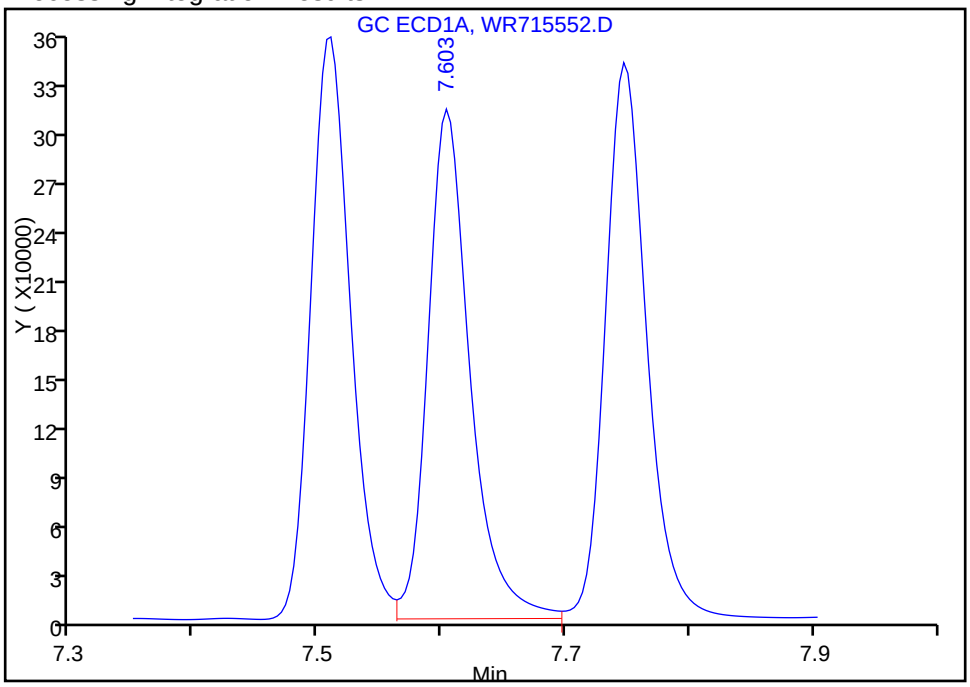
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.60, Det: GC ECD1A

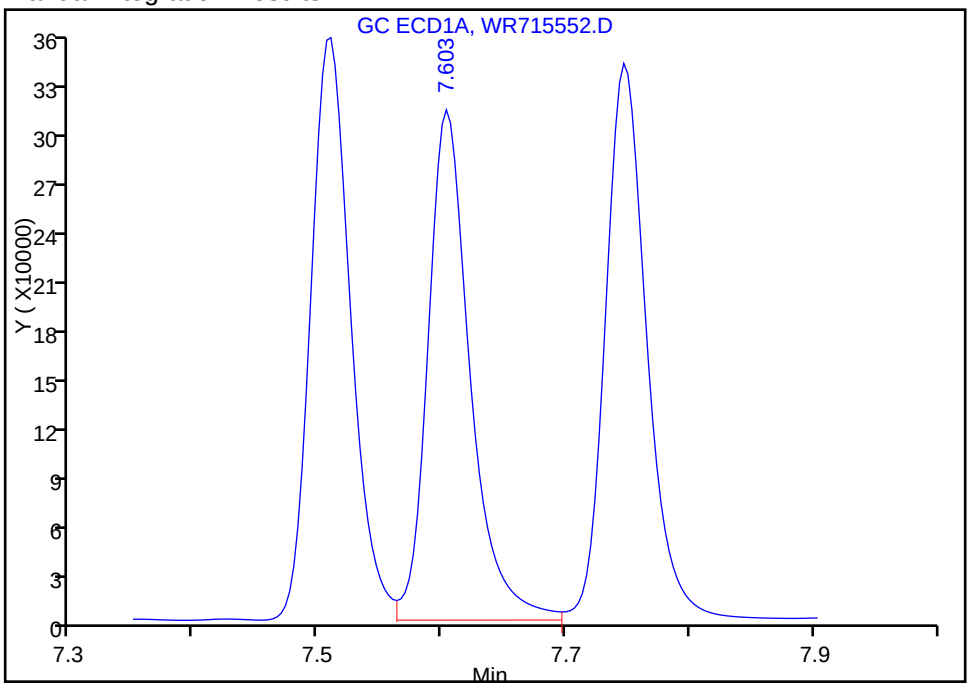
Processing Integration Results

RT: 7.60
Response: 724714
Amount: 240.5359



Manual Integration Results

RT: 7.60
Response: 728074
Amount: 241.1996



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

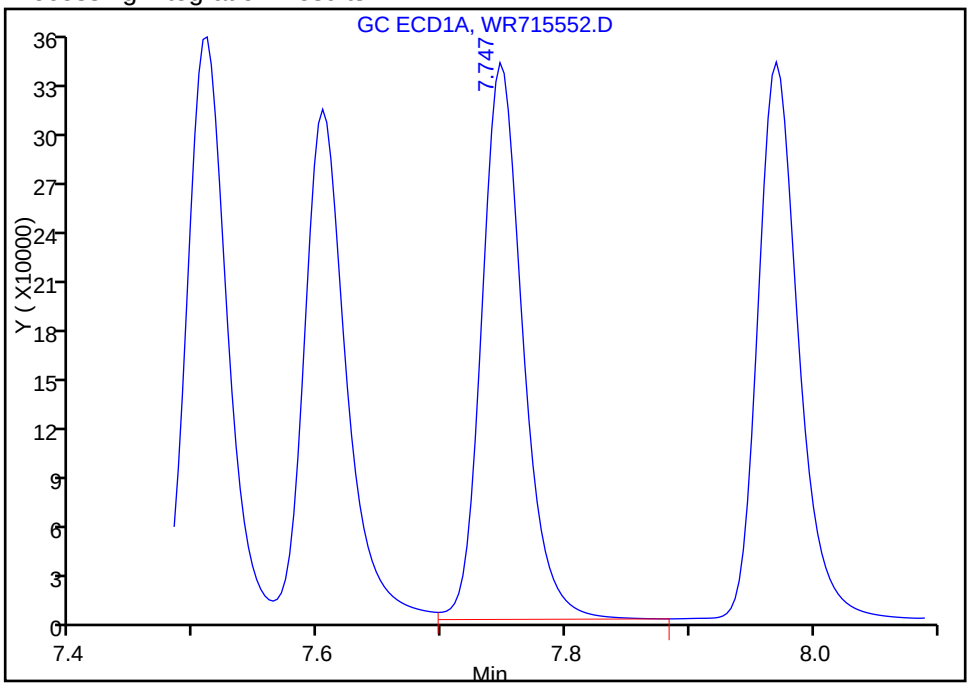
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.75, Det: GC ECD1A

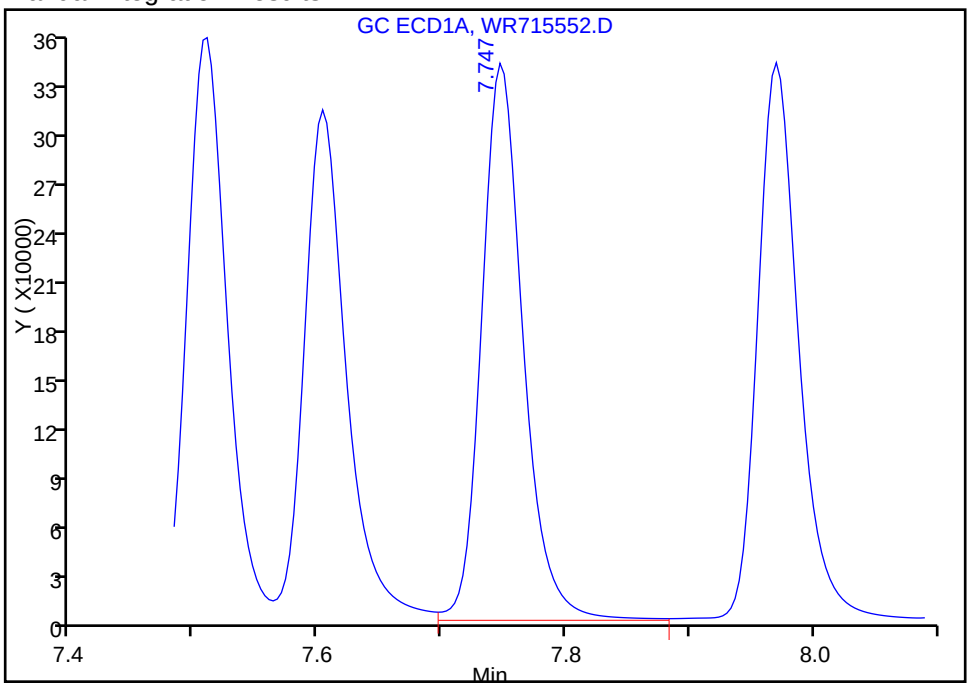
Processing Integration Results

RT: 7.75
Response: 773214
Amount: 230.3822



Manual Integration Results

RT: 7.75
Response: 781737
Amount: 232.0538



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

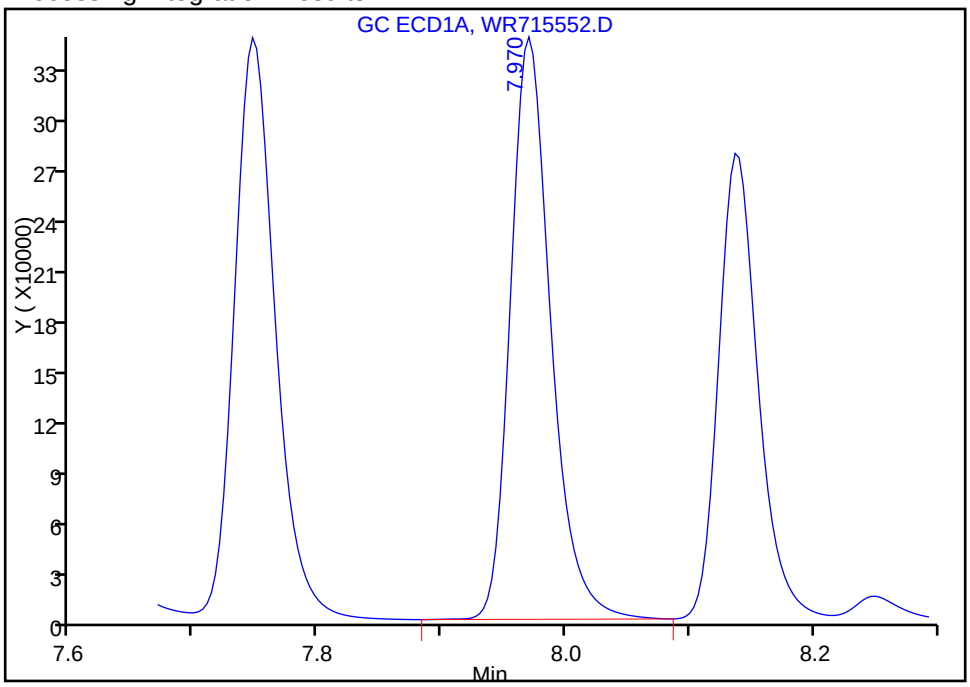
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.97, Det: GC ECD1A

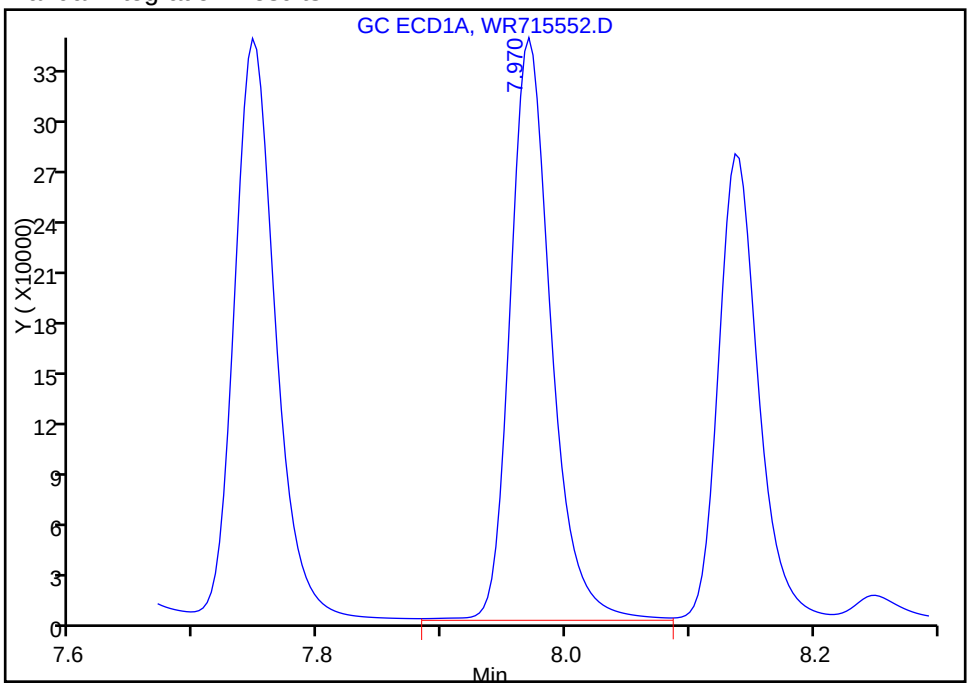
Processing Integration Results

RT: 7.97
Response: 759747
Amount: 238.6718



Manual Integration Results

RT: 7.97
Response: 773557
Amount: 241.5544



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

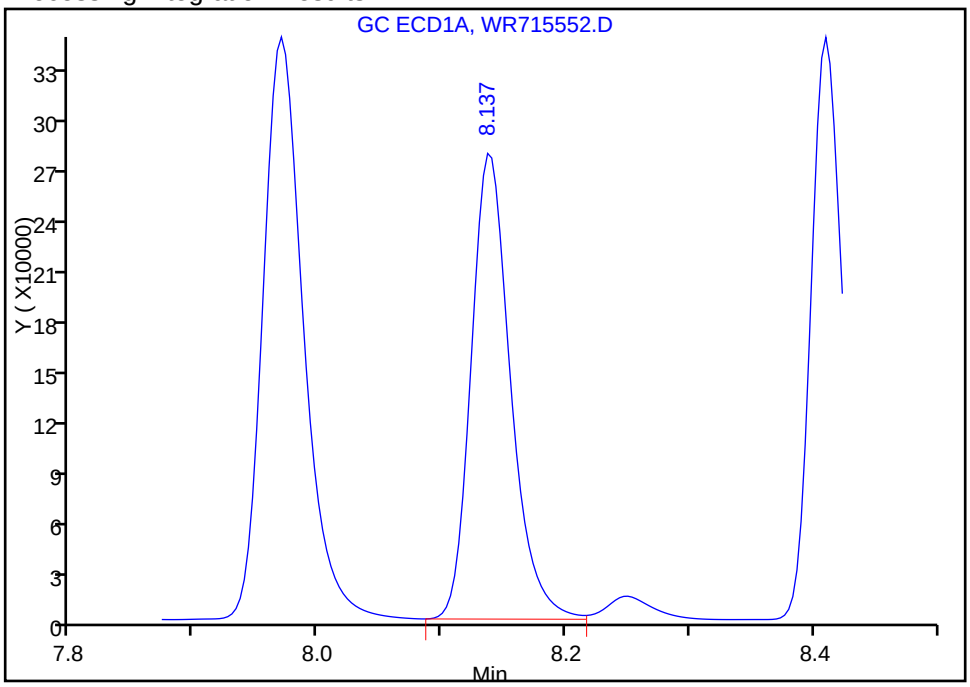
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 8.14, Det: GC ECD1A

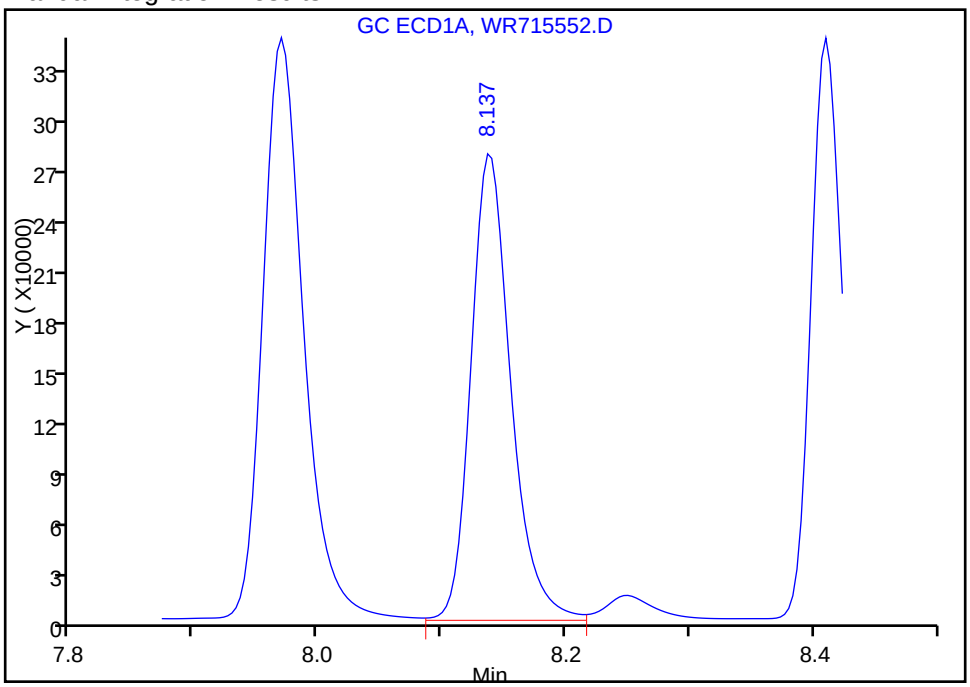
Processing Integration Results

RT: 8.14
Response: 593175
Amount: 223.9283



Manual Integration Results

RT: 8.14
Response: 602461
Amount: 226.3380



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

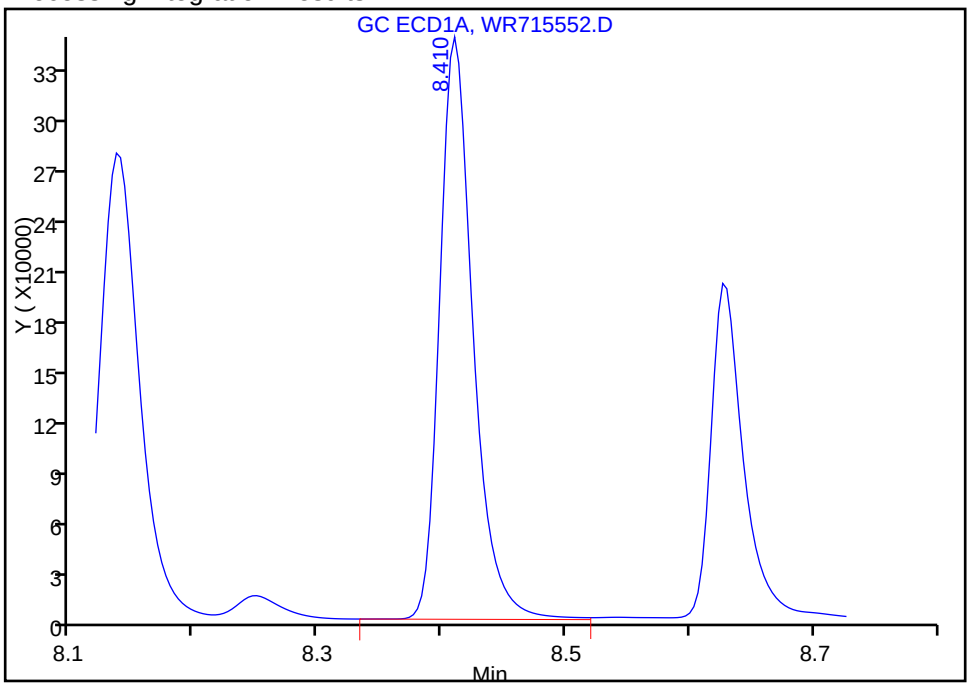
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 8.41, Det: GC ECD1A

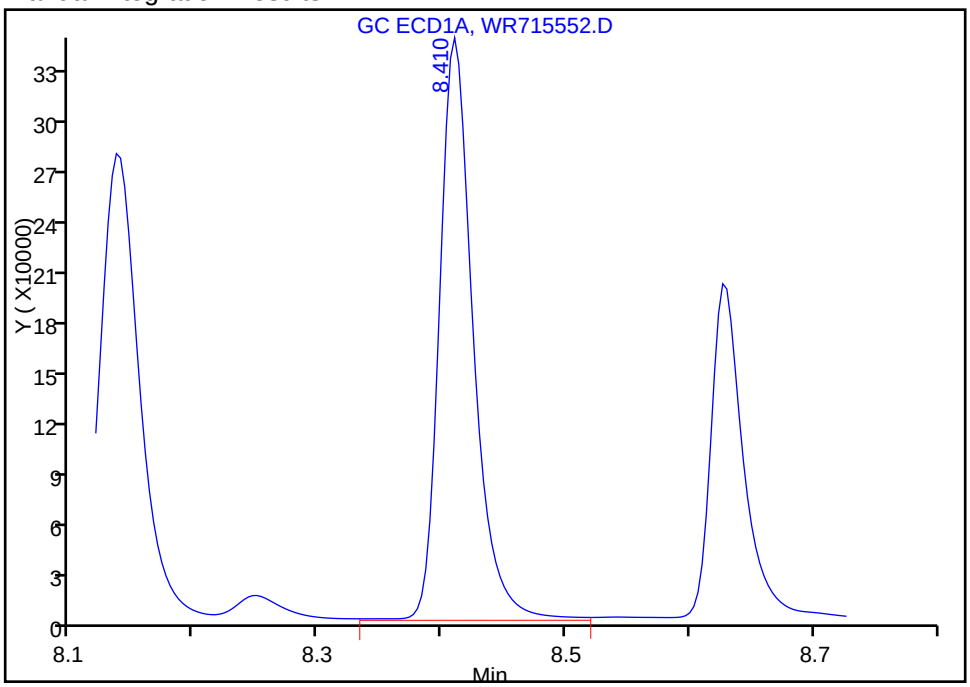
Processing Integration Results

RT: 8.41
Response: 629806
Amount: 228.7875



Manual Integration Results

RT: 8.41
Response: 637500
Amount: 230.7006



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

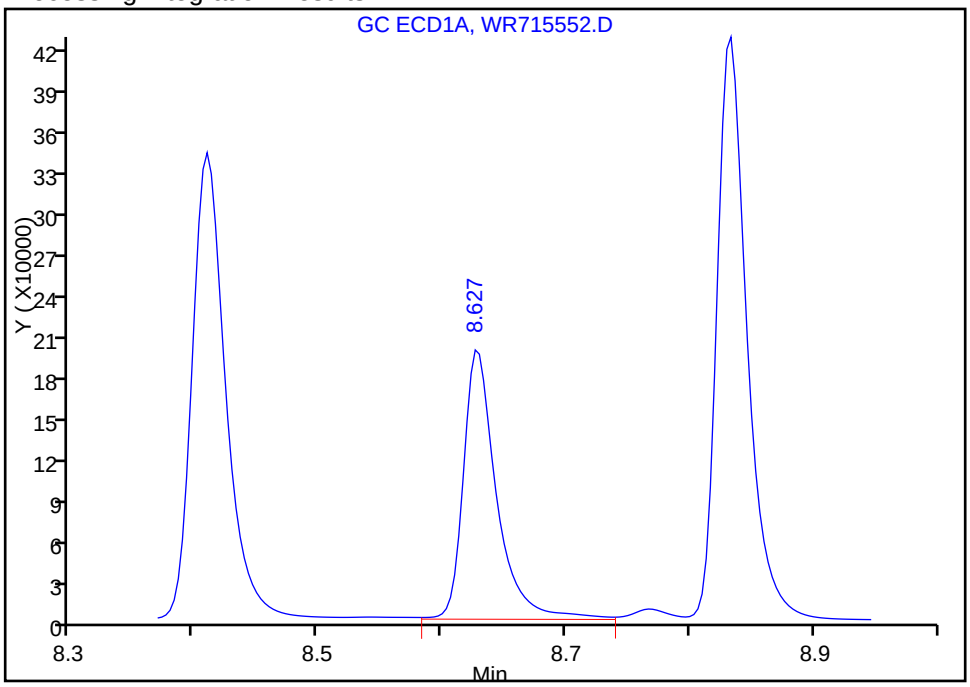
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 1, Type: quant, RT: 8.63, Det: GC ECD1A

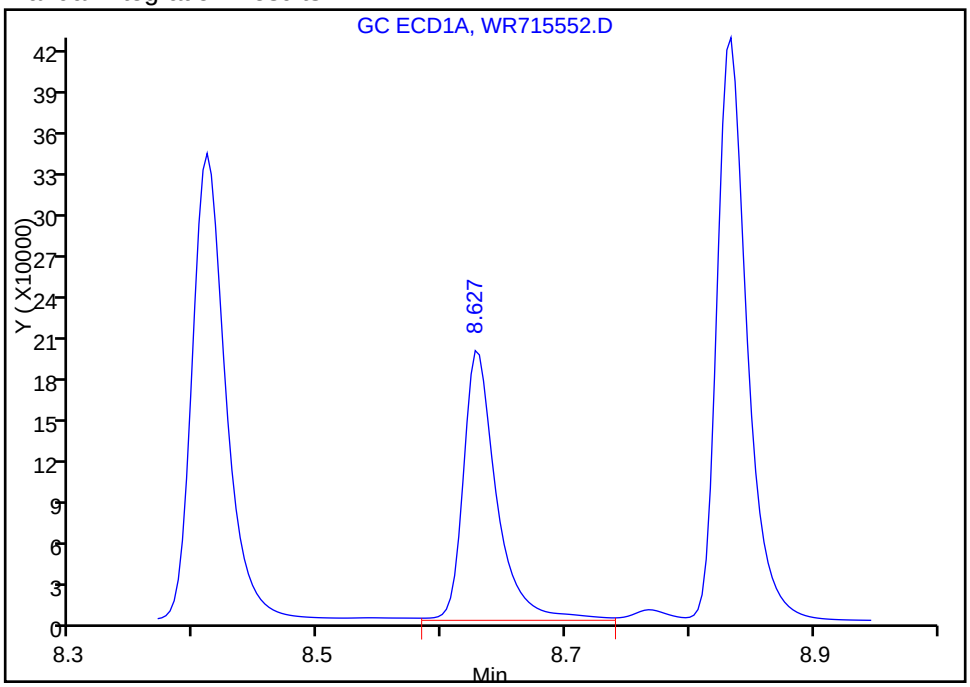
Processing Integration Results

RT: 8.63
Response: 362307
Amount: 221.7438



Manual Integration Results

RT: 8.63
Response: 364319
Amount: 222.6017



Reviewer: kapoors, 08-Aug-2013 11:37:35
Audit Action: Assigned New Baseline
Audit Reason: Peak not integrated

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	08-Aug-2013 10:13:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0003327-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	175030	Lims Sample ID:	8
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:23	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:33:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	784441	186.8	
2	1.810	1.813	-0.003	825878	194.3	
					RPD = 3.95	
15 alpha-BHC						
1	3.340	3.340	0.0	2810429	482.3	
2	2.293	2.293	0.0	3141231	500.9	
					RPD = 3.79	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	2441136	473.5	
2	2.670	2.670	0.0	2797367	483.7	
					RPD = 2.13	
6 beta-BHC						
1	4.150	4.150	0.0	1190286	448.7	
2	2.793	2.797	-0.004	1315719	473.3	
					RPD = 5.35	
32 delta-BHC						
1	4.690	4.690	0.0	2443105	485.9	
2	3.090	3.090	0.0	2890789	488.6	
					RPD = 0.56	
18 Heptachlor						
1	4.810	4.810	0.0	1931161	463.9	
2	3.443	3.443	0.0	2459211	458.9	
					RPD = 1.09	
8 Aldrin						
1	5.437	5.437	0.0	2256985	474.4	
2	3.943	3.943	0.0	2548064	490.5	
					RPD = 3.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	1792147	454.5	
2	4.953	4.953	0.0	2171610	446.4	
					RPD = 1.79	
9 gamma-Chlordane						
1	6.640	6.640	0.0	1825137	470.1	
2	5.173	5.173	0.0	2422354	476.6	
					RPD = 1.39	
23 alpha-Chlordane						
1	6.797	6.797	0.0	1693268	471.3	
2	5.417	5.417	0.0	2308157	478.7	
					RPD = 1.55	
7 Endosulfan I						
1	6.863	6.863	0.0	1625710	463.0	
2	5.667	5.667	0.0	2123931	433.3	
					RPD = 6.62	
25 4,4'-DDE						
1	6.957	6.957	0.0	1754166	484.7	
2	5.567	5.567	0.0	2231349	499.2	
					RPD = 2.96	
30 Dieldrin						
1	7.160	7.160	0.0	1806902	480.1	
2	6.097	6.100	-0.003	2183732	460.8	
					RPD = 4.09	
20 Endrin						M
1	7.507	7.507	0.0	1612317	488.9	M
2	6.410	6.410	0.0	1782317	452.7	
					RPD = 7.70	
16 4,4'-DDD						M
1	7.603	7.603	0.0	1500916	497.2	M
2	6.490	6.490	0.0	1805218	489.8	
					RPD = 1.50	
11 Endosulfan II						M
1	7.747	7.747	0.0	1587793	471.3	M
2	6.653	6.653	0.0	1708589	447.7	
					RPD = 5.13	
21 4,4'-DDT						M
1	7.970	7.970	0.0	1606763	501.7	M
2	6.783	6.783	0.0	1942891	477.6	
					RPD = 4.92	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	1221136	458.8	M
2	7.080	7.080	0.0	1424251	441.6	
					RPD = 3.81	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	1315740	476.1	M
2	7.543	7.543	0.0	1536811	449.2	
					RPD = 5.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	745828	455.7	M
2	7.293	7.297	-0.004	881780	450.0	
					RPD = 1.26	
13 Endrin ketone						
1	8.833	8.833	0.0	1478136	474.6	
2	7.857	7.857	0.0	1763273	446.2	
					RPD = 6.17	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	447700	186.6	
2	8.780	8.780	0.0	596375	191.1	
					RPD = 2.35	

QC Flag Legend

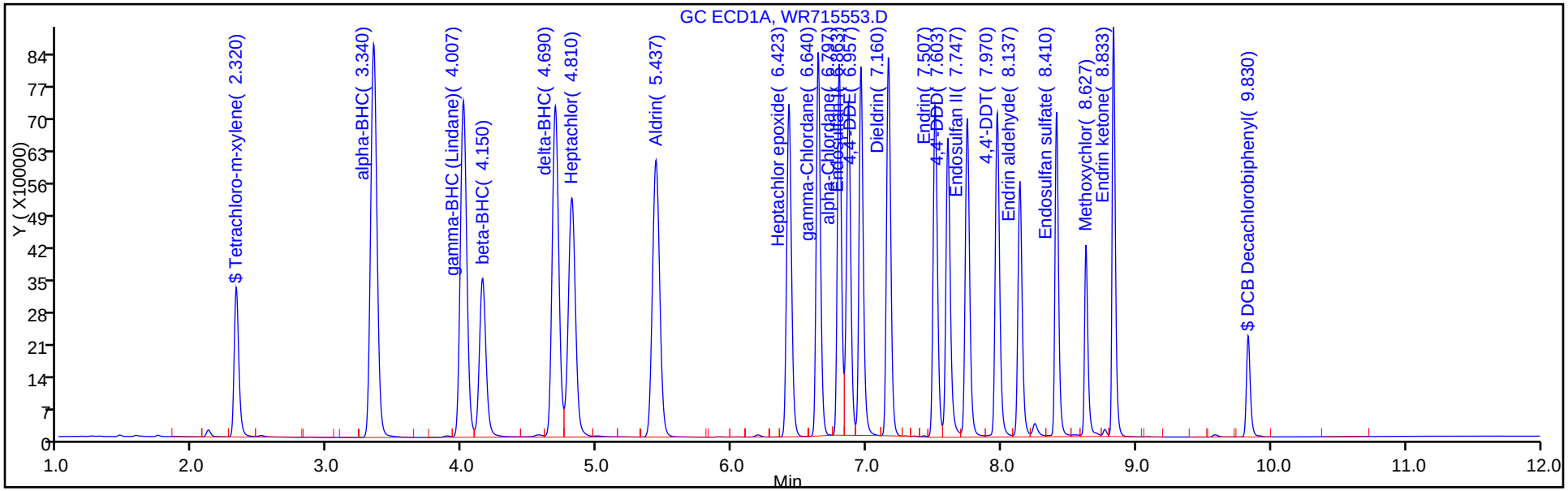
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

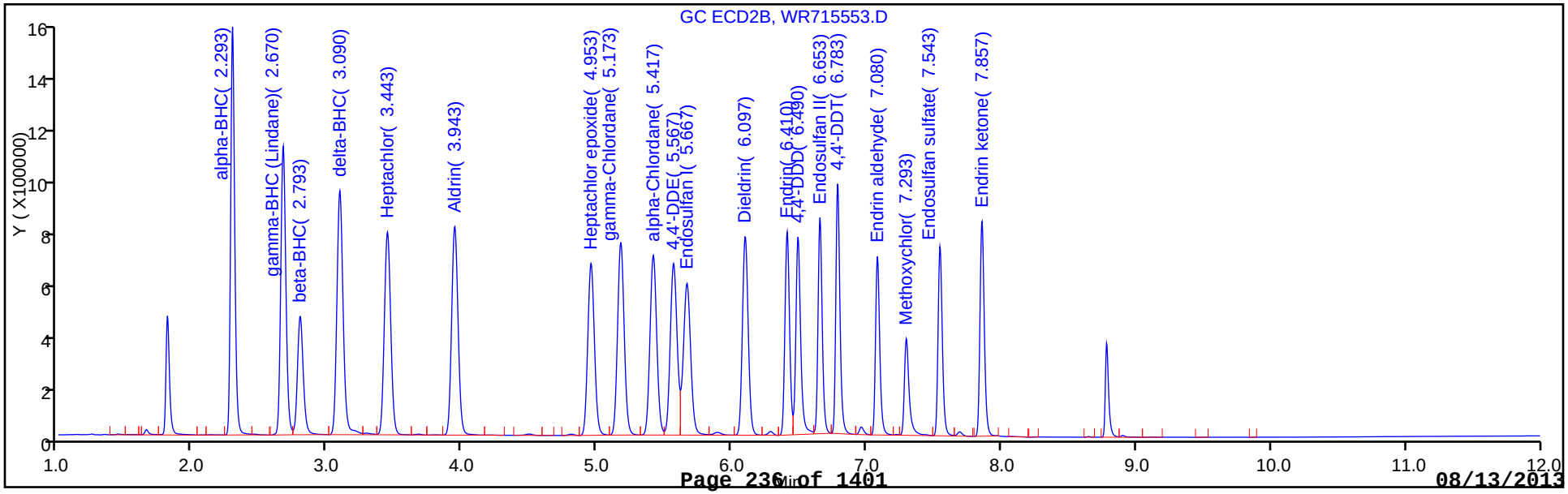
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 08-Aug-2013 11:56:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

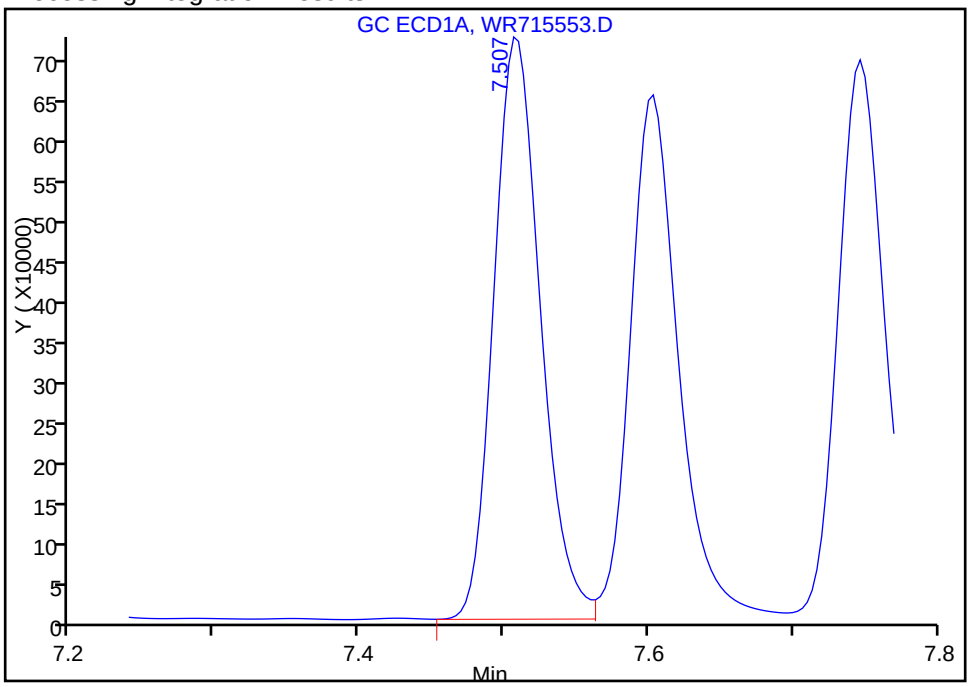
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 1, Type: quant, RT: 7.51, Det: GC ECD1A

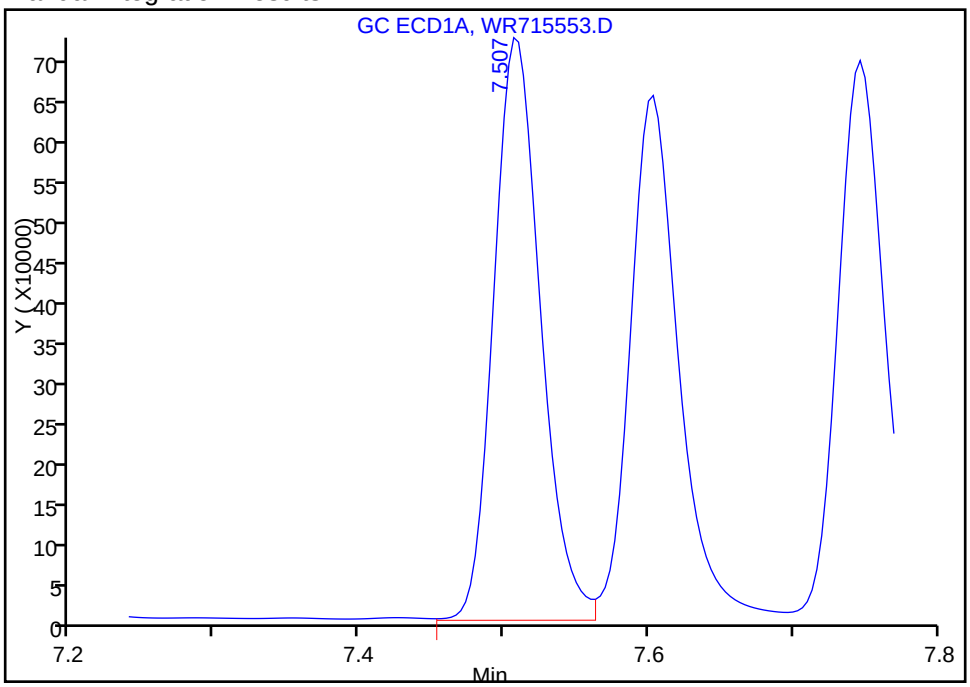
Processing Integration Results

RT: 7.51
Response: 1599329
Amount: 485.8900



Manual Integration Results

RT: 7.51
Response: 1612317
Amount: 488.9477



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Report Date: 08-Aug-2013 11:56:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

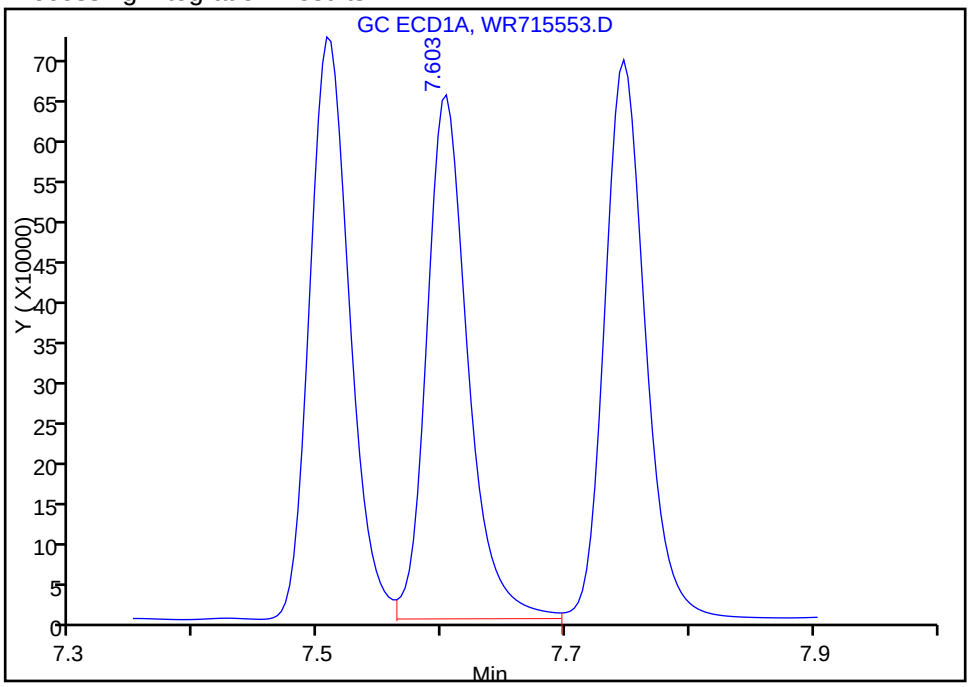
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.60, Det: GC ECD1A

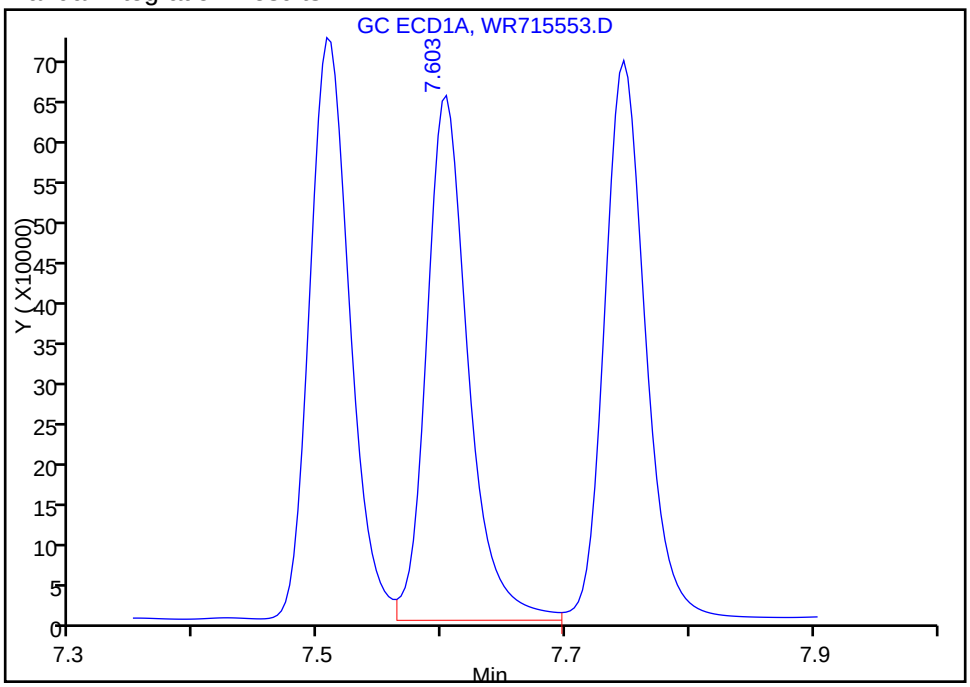
Processing Integration Results

RT: 7.60
Response: 1482536
Amount: 493.2642



Manual Integration Results

RT: 7.60
Response: 1500916
Amount: 497.2302



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

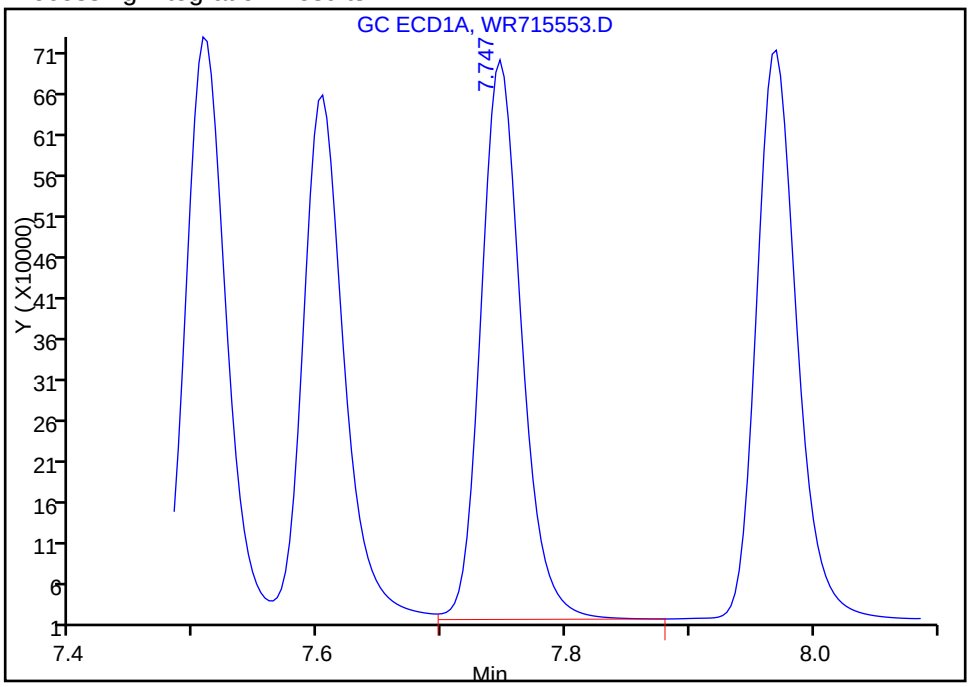
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.75, Det: GC ECD1A

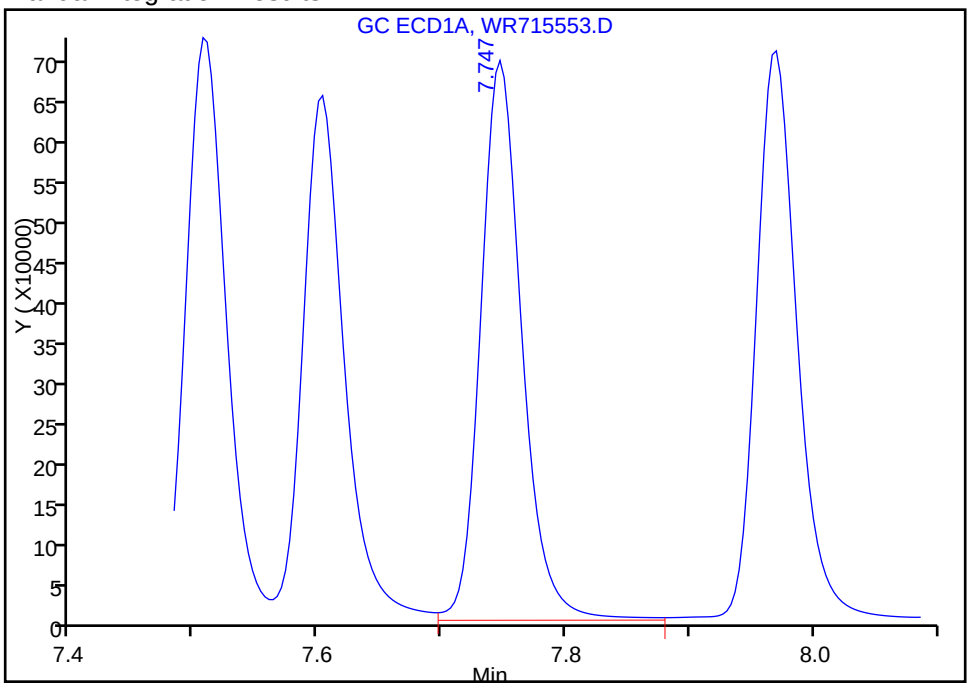
Processing Integration Results

RT: 7.75
Response: 1557801
Amount: 465.8182



Manual Integration Results

RT: 7.75
Response: 1587793
Amount: 471.3265



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

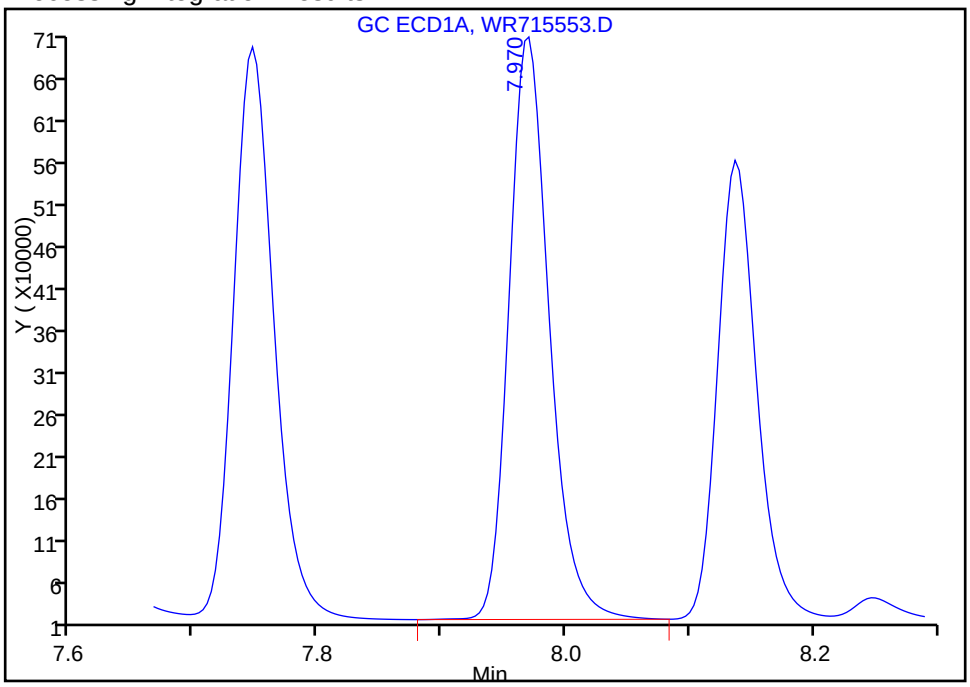
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.97, Det: GC ECD1A

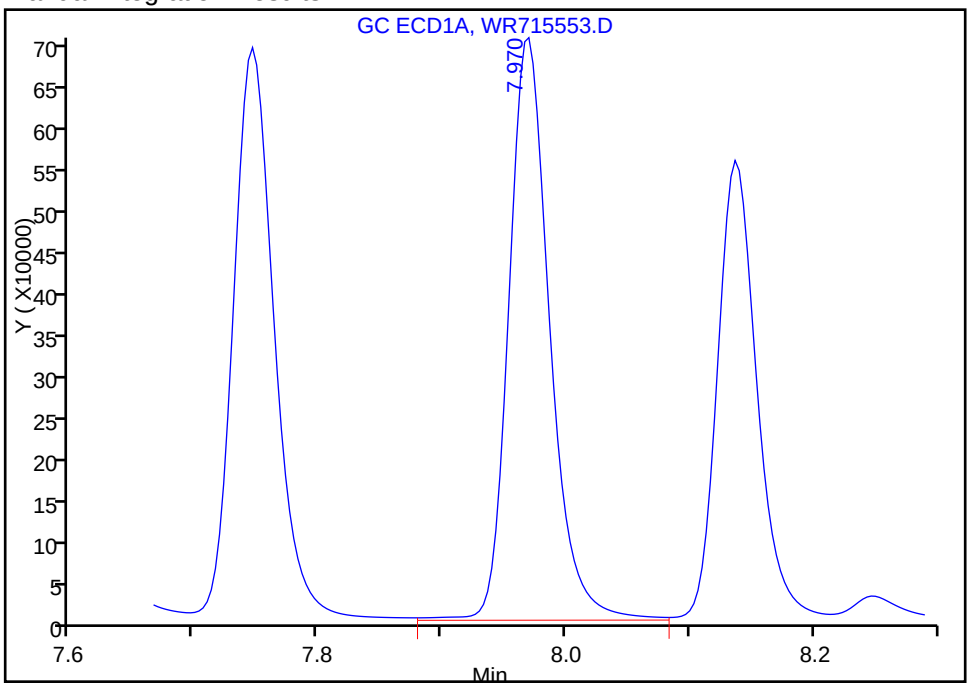
Processing Integration Results

RT: 7.97
Response: 1569693
Amount: 495.4212



Manual Integration Results

RT: 7.97
Response: 1606763
Amount: 501.7351



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

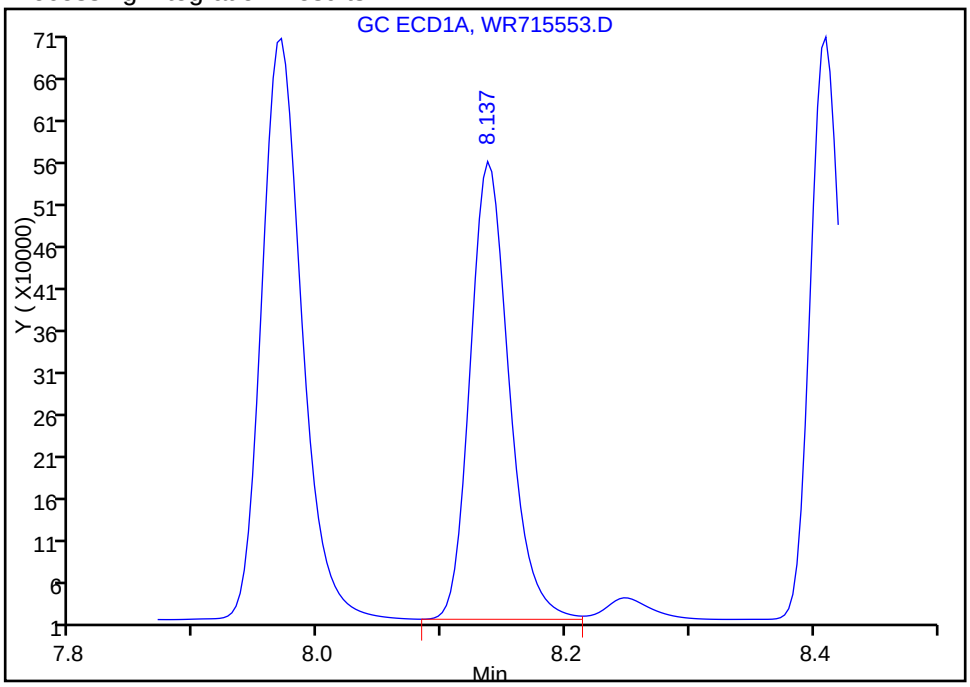
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 8.14, Det: GC ECD1A

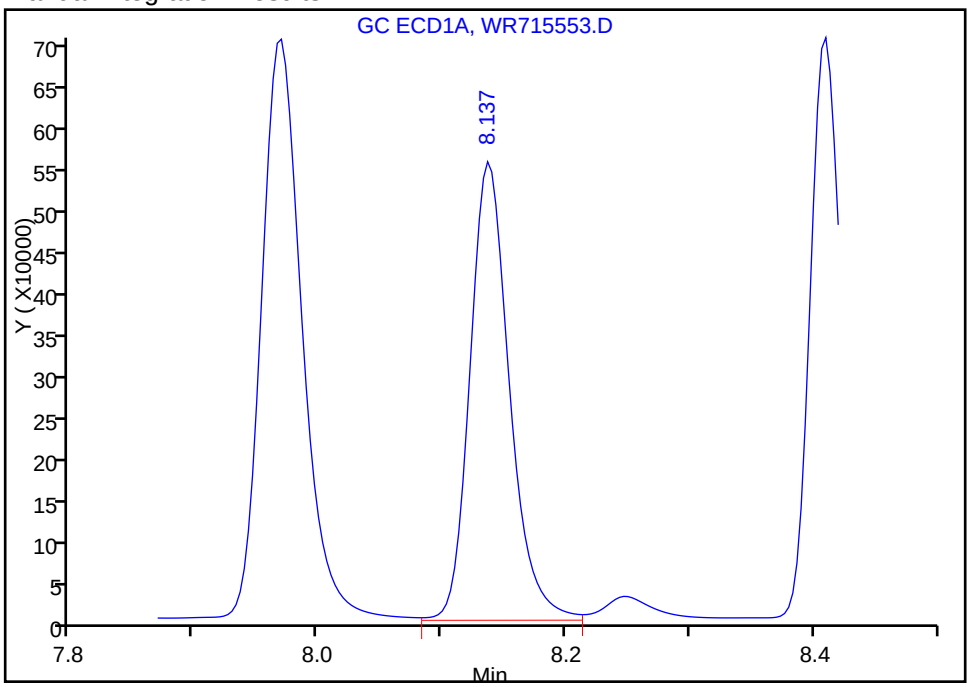
Processing Integration Results

RT: 8.14
Response: 1198150
Amount: 453.8866



Manual Integration Results

RT: 8.14
Response: 1221136
Amount: 458.7675



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

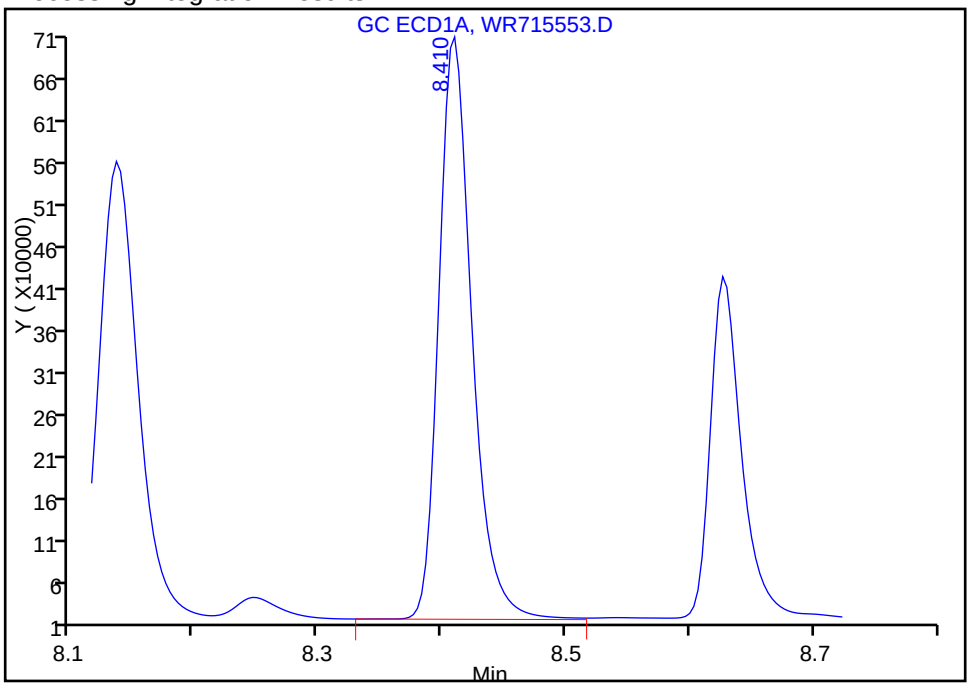
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 8.41, Det: GC ECD1A

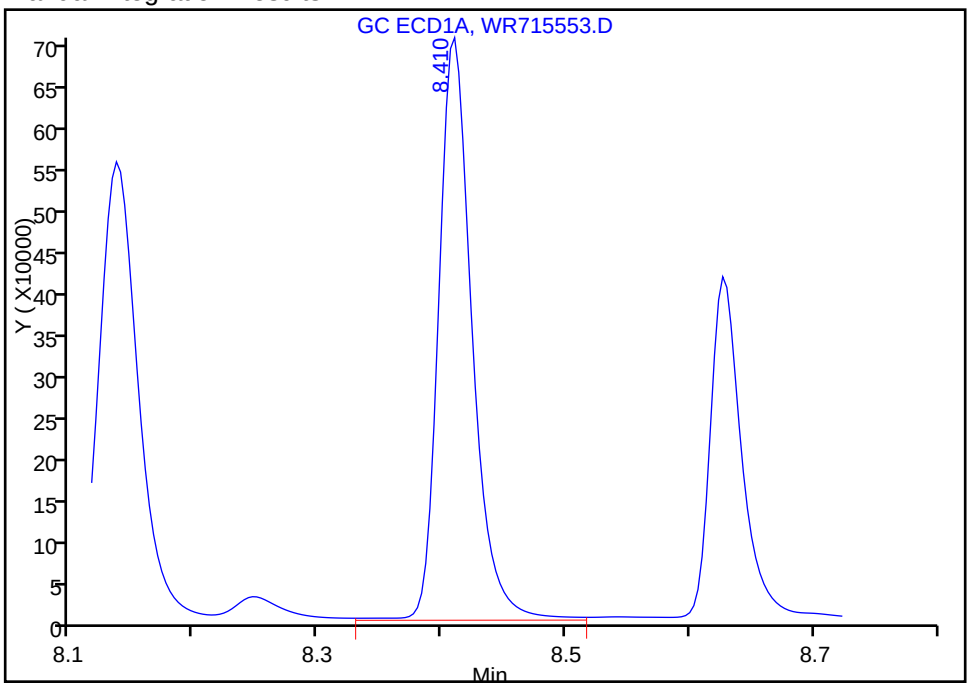
Processing Integration Results

RT: 8.41
Response: 1293340
Amount: 471.3615



Manual Integration Results

RT: 8.41
Response: 1315740
Amount: 476.1443



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Report Date: 08-Aug-2013 11:56:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

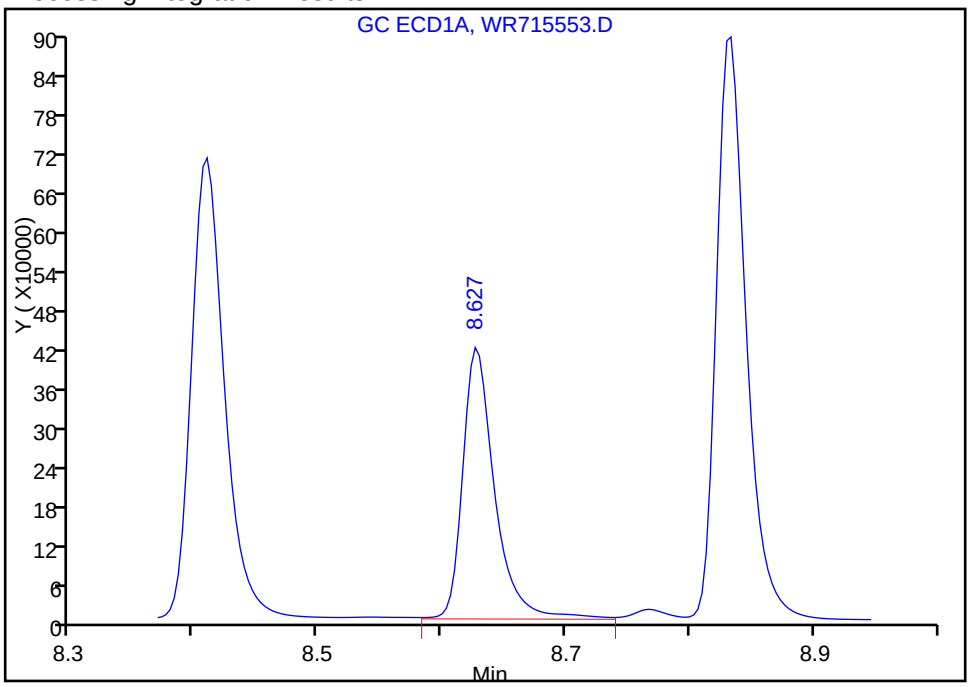
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 1, Type: quant, RT: 8.63, Det: GC ECD1A

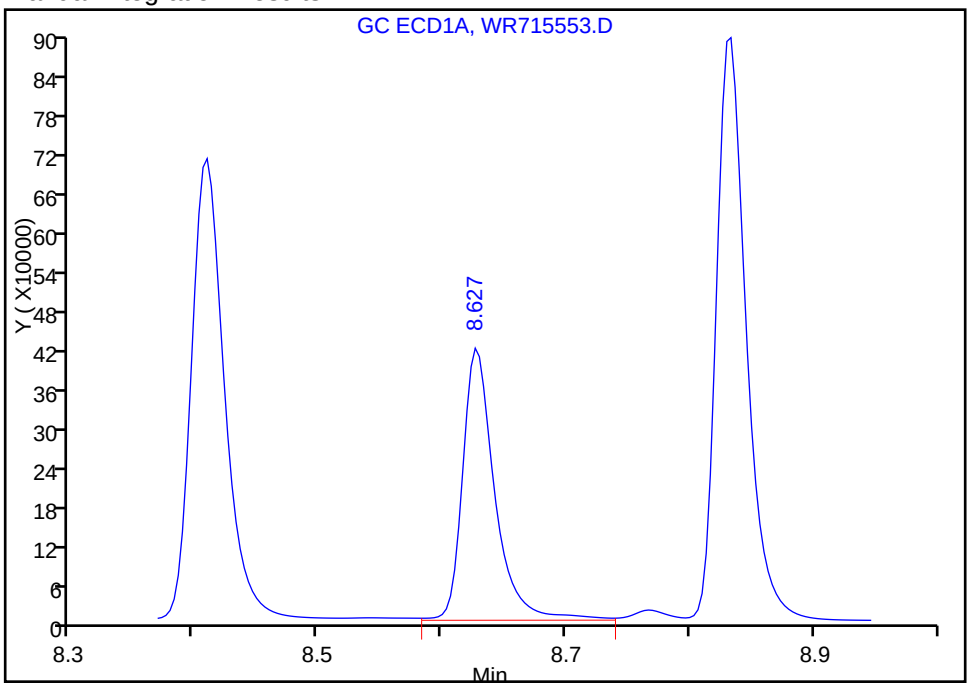
Processing Integration Results

RT: 8.63
Response: 739351
Amount: 453.2259



Manual Integration Results

RT: 8.63
Response: 745828
Amount: 455.7067



Reviewer: kapoors, 08-Aug-2013 11:33:37
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	08-Aug-2013 11:13:31	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	175030	Lims Sample ID:	12
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:32	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:32:58

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	115903	27.6	
2	1.810	1.813	-0.003	109605	25.8	
					RPD = 6.79	
15 alpha-BHC						
1	3.343	3.340	0.003	65725	11.3	
2	2.293	2.293	0.0	70019	11.2	
					RPD = 1.01	
2 gamma-BHC (Lindane)						
1	4.010	4.007	0.003	60185	11.7	
2	2.670	2.670	0.0	65925	11.4	
					RPD = 2.39	
6 beta-BHC						M
1	4.150	4.150	0.0	34407	13.0	M
2	2.797	2.797	0.0	32548	11.7	
					RPD = 10.21	
32 delta-BHC						
1	4.693	4.690	0.003	57629	11.5	
2	3.090	3.090	0.0	66702	11.3	
					RPD = 1.65	
18 Heptachlor						
1	4.813	4.810	0.003	49773	12.0	
2	3.443	3.443	0.0	62177	11.6	
					RPD = 3.01	
8 Aldrin						
1	5.437	5.437	0.0	55463	11.7	
2	3.943	3.943	0.0	49747	9.58	
					RPD = 19.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						M
1	6.423	6.423	0.0	50970	12.9	M
2	4.953	4.953	0.0	58547	12.0	
					RPD = 7.13	
9 gamma-Chlordane						M
1	6.640	6.640	0.0	49328	12.7	M
2	5.177	5.173	0.004	58631	11.5	
					RPD = 9.63	
23 alpha-Chlordane						M
1	6.797	6.797	0.0	45403	12.6	M
2	5.417	5.417	0.0	54833	11.4	
					RPD = 10.55	
7 Endosulfan I						M
1	6.867	6.863	0.004	44319	12.6	M
2	5.667	5.667	0.0	62123	12.7	
					RPD = 0.41	
25 4,4'-DDE						M
1	6.960	6.957	0.003	43657	12.1	M
2	5.570	5.567	0.003	47732	10.7	
					RPD = 12.16	
30 Dieldrin						M
1	7.163	7.160	0.003	45382	12.1	M
2	6.100	6.100	0.0	55806	11.8	
					RPD = 2.36	
20 Endrin						
1	7.510	7.507	0.003	37971	11.5	
2	6.410	6.410	0.0	46513	11.8	
					RPD = 2.56	
16 4,4'-DDD						
1	7.607	7.603	0.004	34735	11.5	
2	6.493	6.490	0.003	40463	11.0	
					RPD = 4.70	
11 Endosulfan II						
1	7.750	7.747	0.003	42150	12.5	
2	6.657	6.653	0.004	46836	12.3	
					RPD = 1.92	
21 4,4'-DDT						
1	7.970	7.970	0.0	36341	11.3	
2	6.787	6.783	0.004	46941	11.5	
					RPD = 1.68	
5 Endrin aldehyde						
1	8.140	8.137	0.003	35709	13.4	
2	7.083	7.080	0.003	42828	13.3	
					RPD = 1.01	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	35561	12.9	M
2	7.547	7.543	0.004	44098	12.9	
					RPD = 0.16	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.630	8.627	0.003	21542	13.2	M
2	7.297	7.297	0.0	23473	12.0	
					RPD = 9.42	
13 Endrin ketone						M
1	8.833	8.833	0.0	40370	13.0	M
2	7.857	7.857	0.0	50556	12.8	
					RPD = 1.31	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	67780	28.3	
2	8.780	8.780	0.0	84888	27.2	
					RPD = 3.81	

QC Flag Legend

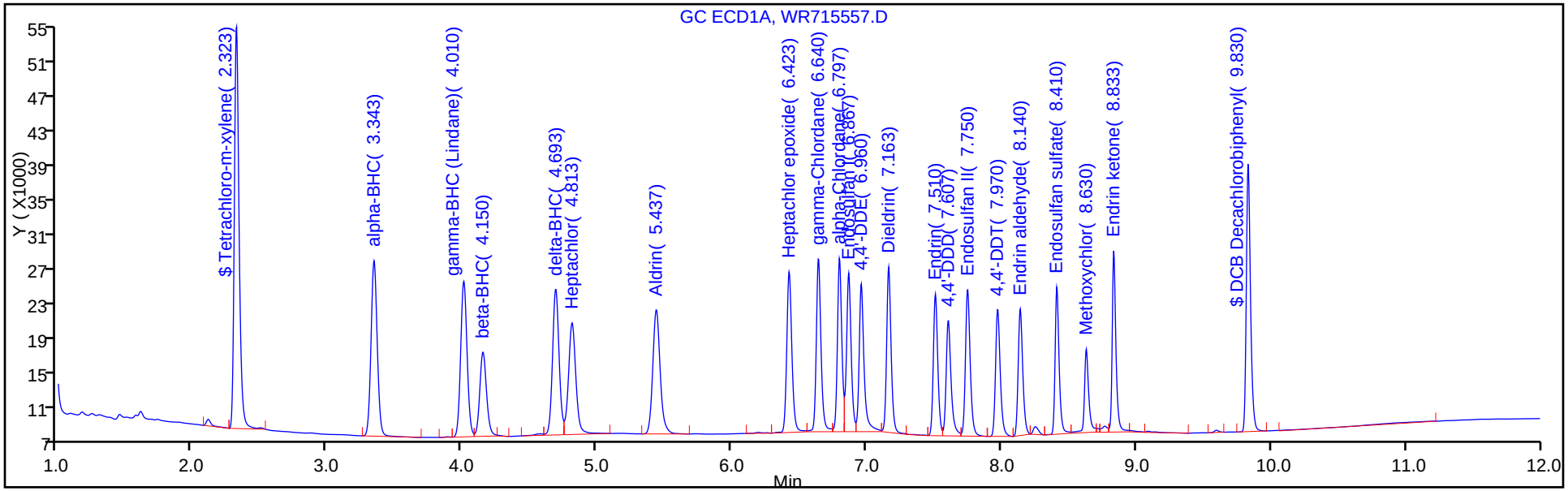
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

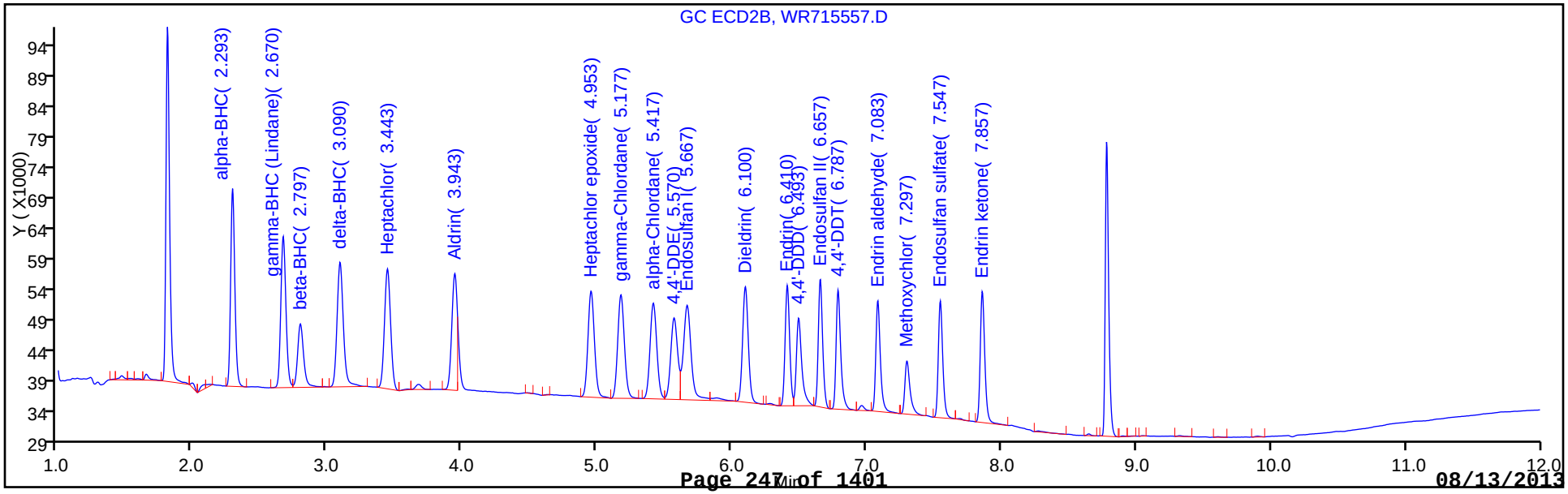
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

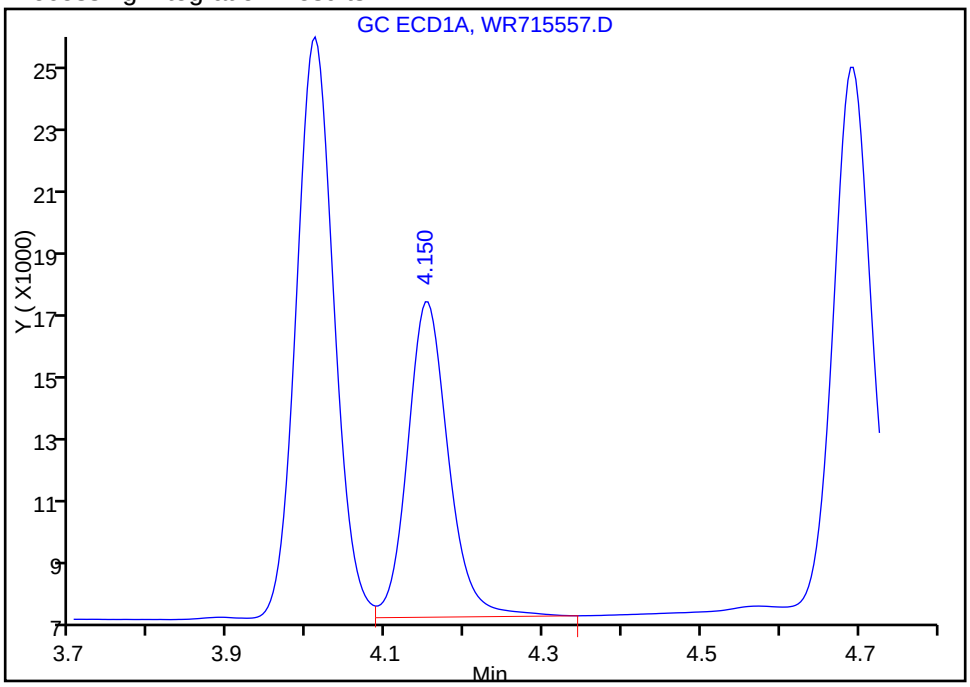
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

6 beta-BHC, Signal: 1, Type: quant, RT: 4.15, Det: GC ECD1A

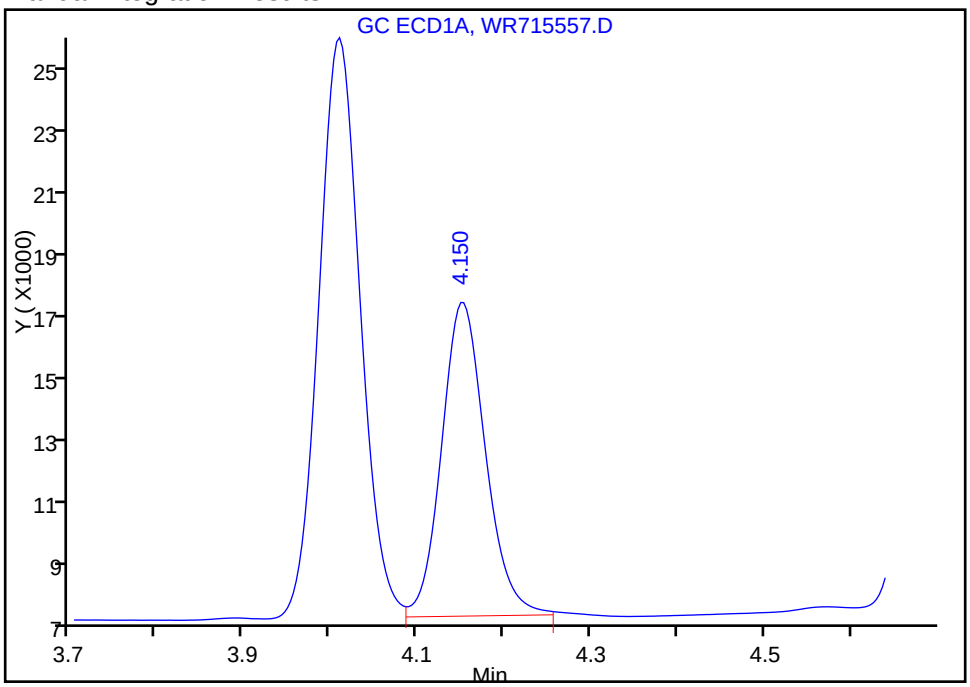
Processing Integration Results

RT: 4.15
Response: 35378
Amount: 13.238529



Manual Integration Results

RT: 4.15
Response: 34407
Amount: 12.969428



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

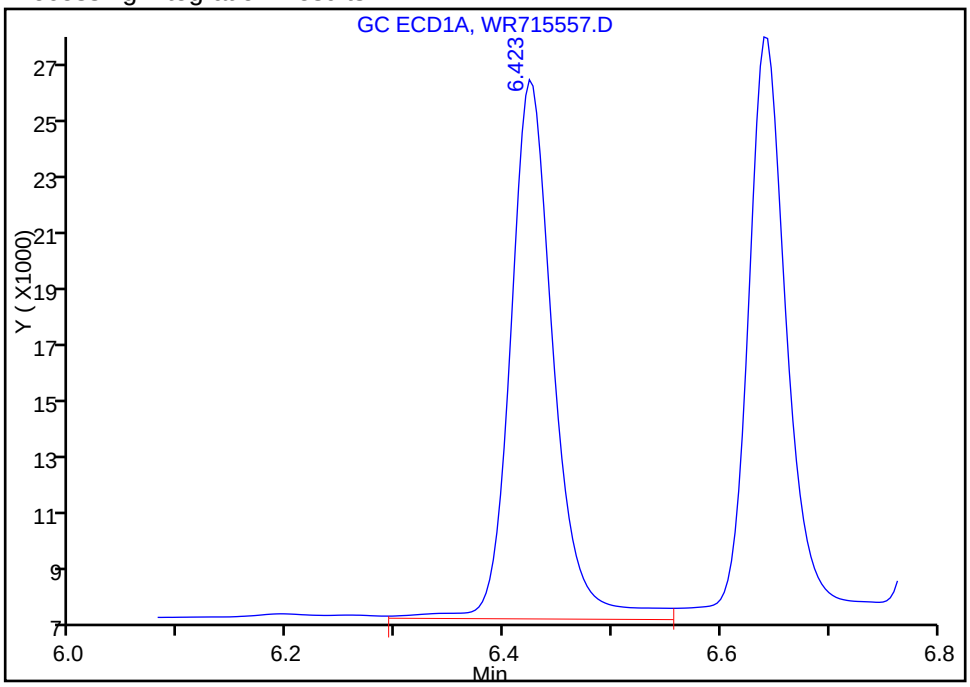
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

12 Heptachlor epoxide, Signal: 1, Type: quant, RT: 6.42, Det: GC ECD1A

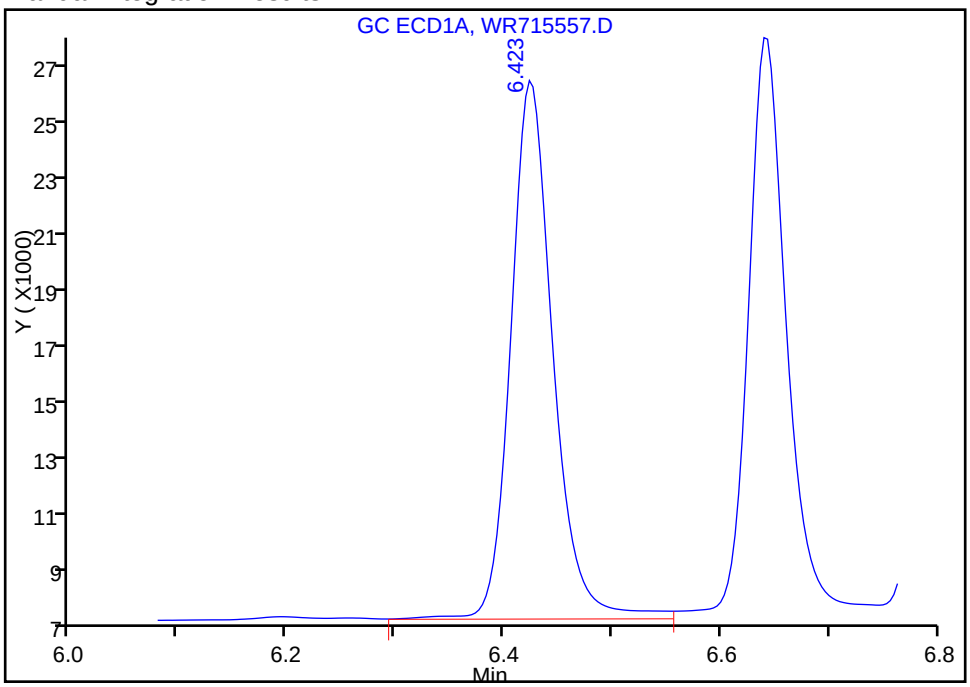
Processing Integration Results

RT: 6.42
Response: 52495
Amount: 13.209565



Manual Integration Results

RT: 6.42
Response: 50970
Amount: 12.925019



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

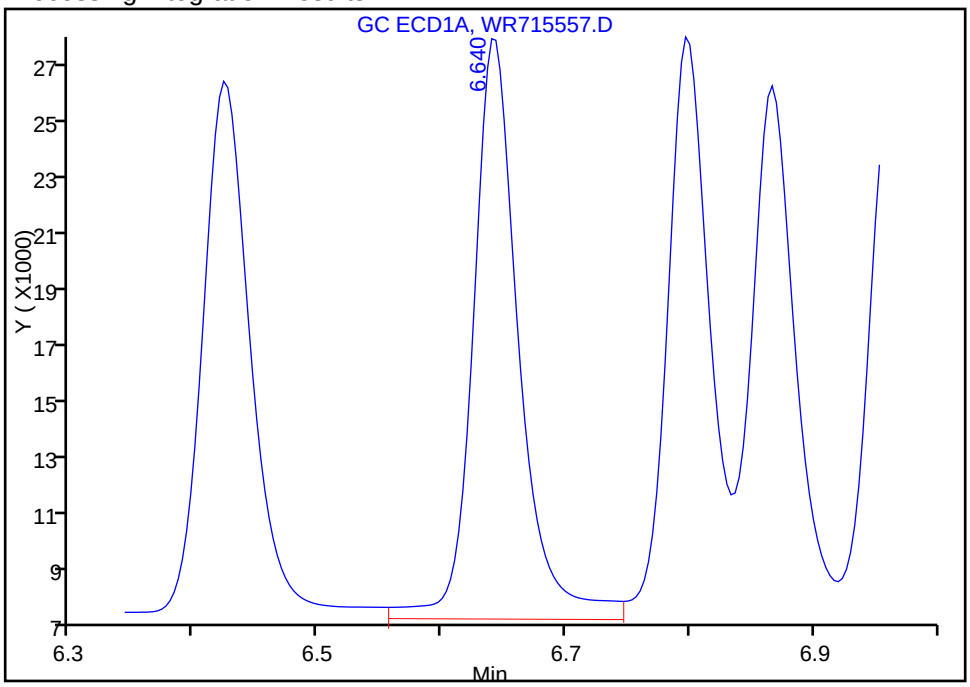
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 gamma-Chlordane, Signal: 1, Type: quant, RT: 6.64, Det: GC ECD1A

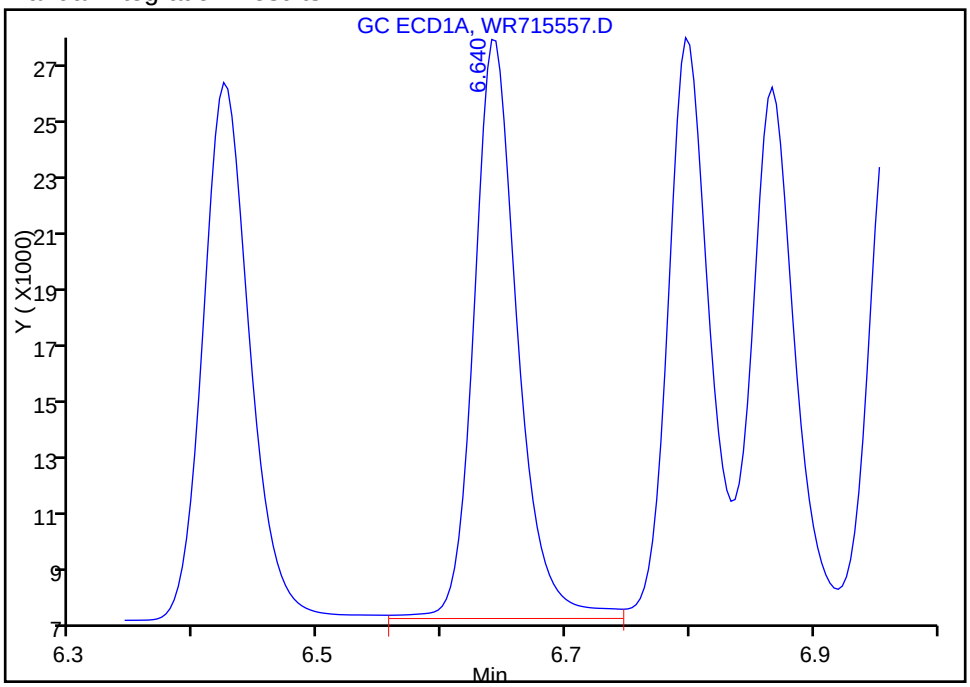
Processing Integration Results

RT: 6.64
Response: 52754
Amount: 13.350910



Manual Integration Results

RT: 6.64
Response: 49328
Amount: 12.704165



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

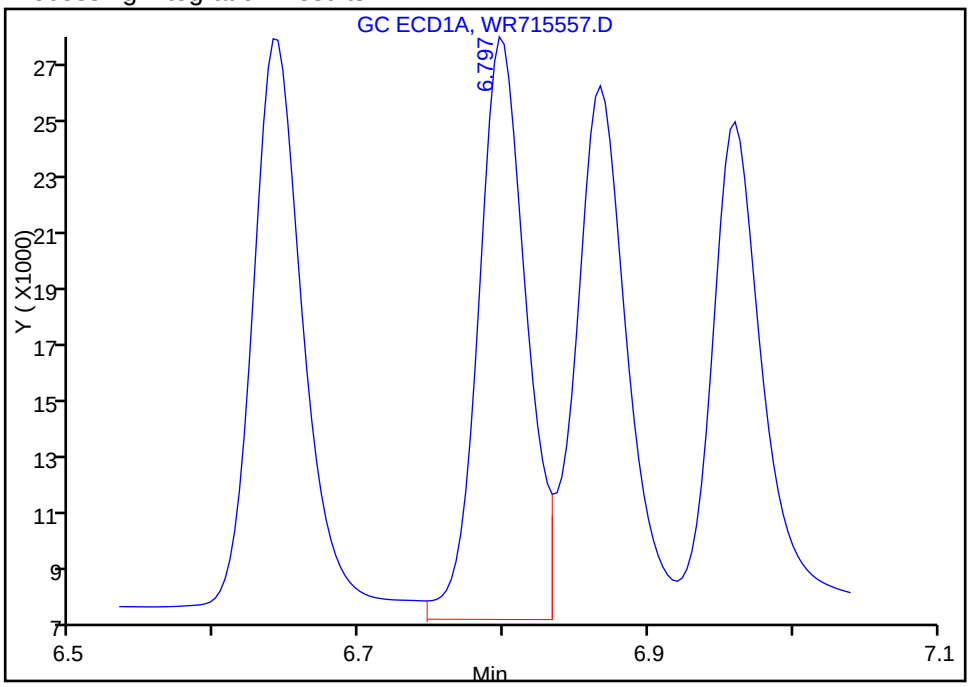
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

23 alpha-Chlordane, Signal: 1, Type: quant, RT: 6.80, Det: GC ECD1A

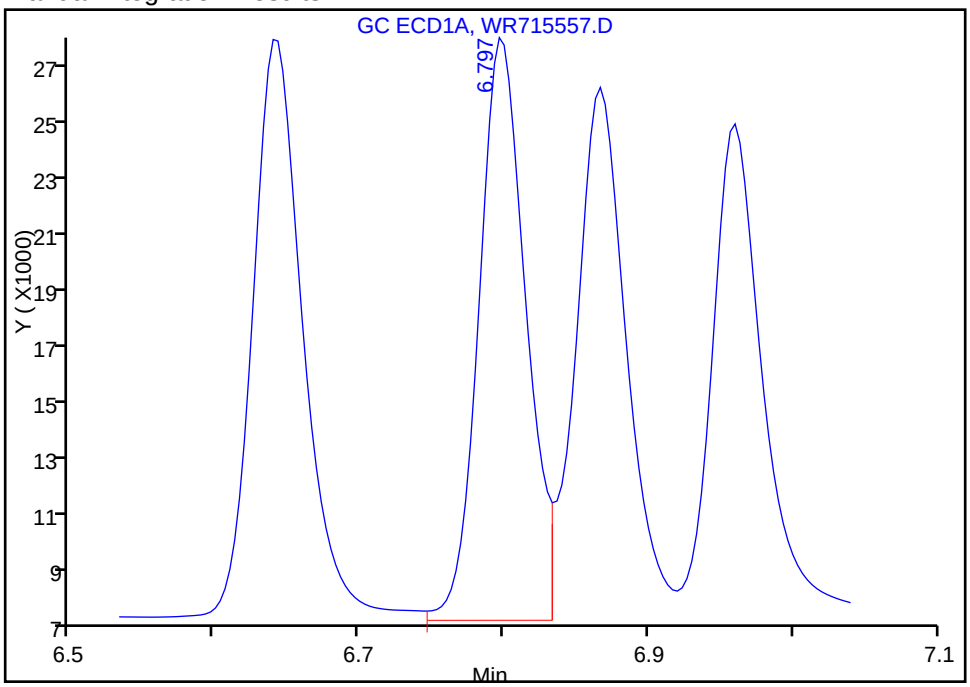
Processing Integration Results

RT: 6.80
Response: 47122
Amount: 12.992284



Manual Integration Results

RT: 6.80
Response: 45403
Amount: 12.638126



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Report Date: 08-Aug-2013 11:56:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

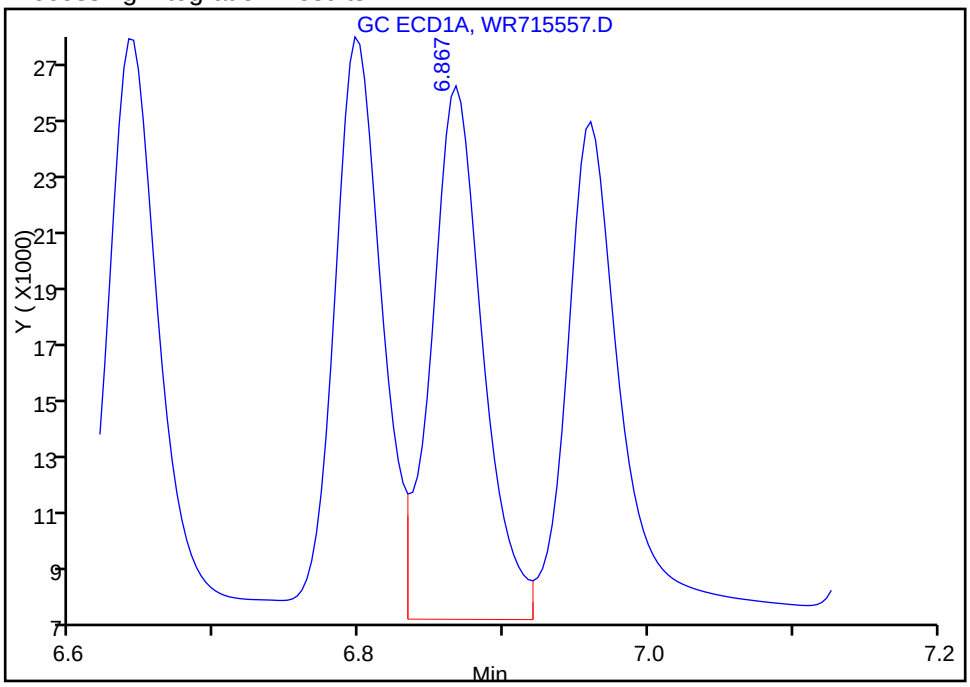
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.86, Det: GC ECD1A

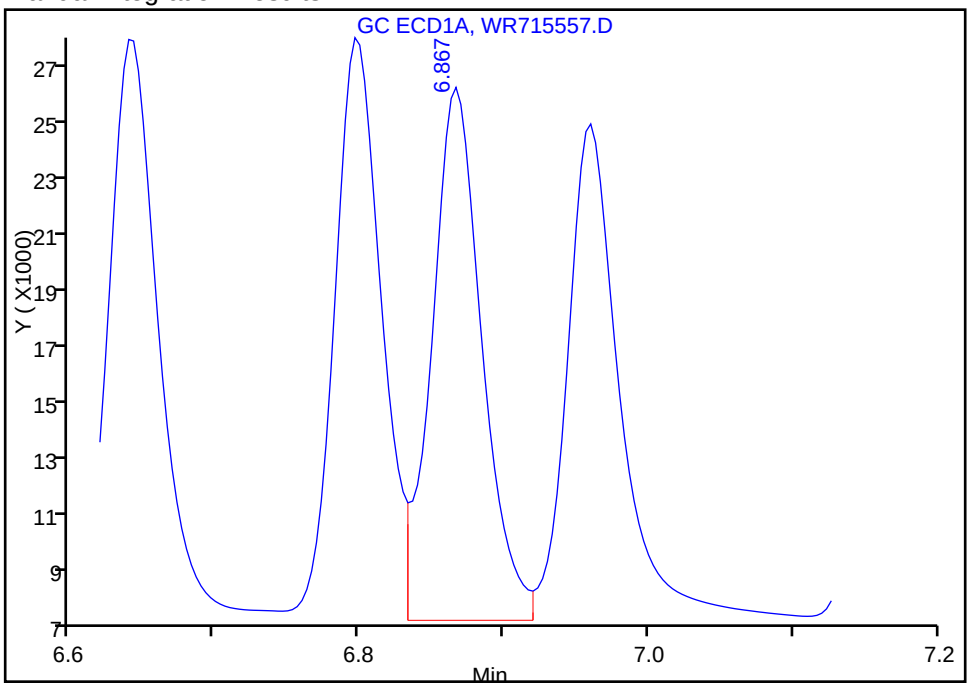
Processing Integration Results

RT: 6.87
Response: 46136
Amount: 13.004733



Manual Integration Results

RT: 6.87
Response: 44319
Amount: 12.621851



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Report Date: 08-Aug-2013 11:56:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

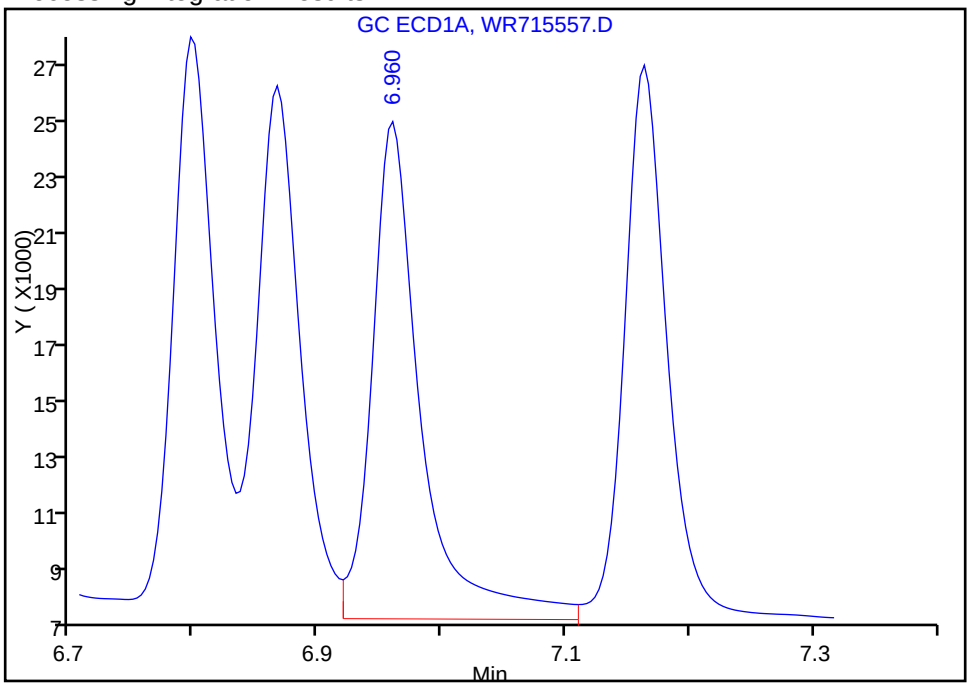
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 1, Type: quant, RT: 6.96, Det: GC ECD1A

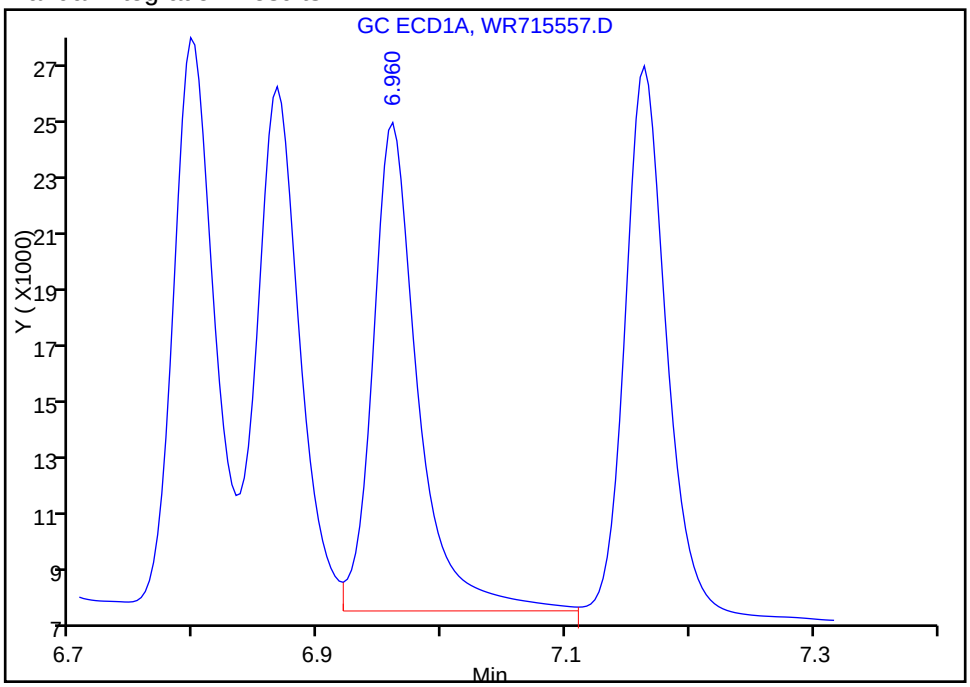
Processing Integration Results

RT: 6.96
Response: 47983
Amount: 12.948204



Manual Integration Results

RT: 6.96
Response: 43657
Amount: 12.062461



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

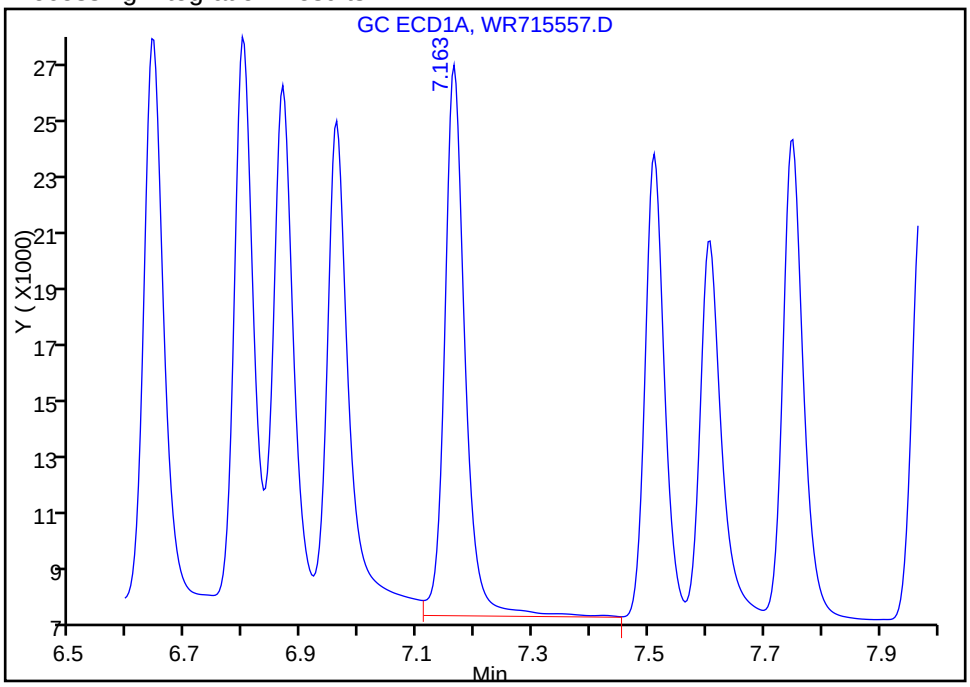
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Dieldrin, Signal: 1, Type: quant, RT: 7.16, Det: GC ECD1A

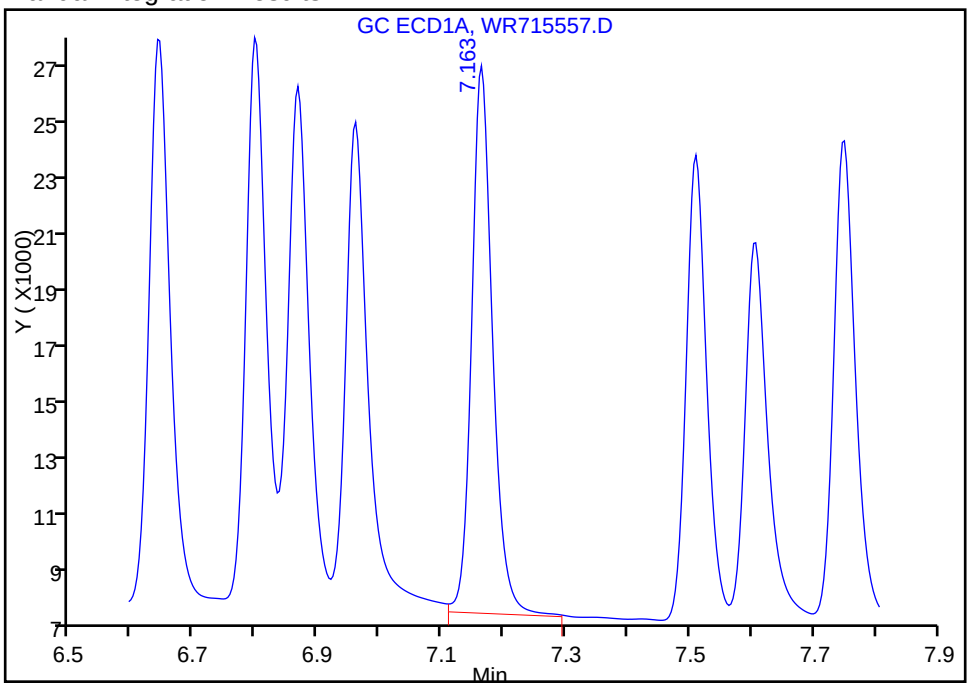
Processing Integration Results

RT: 7.16
Response: 48182
Amount: 12.613302



Manual Integration Results

RT: 7.16
Response: 45382
Amount: 12.057061



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

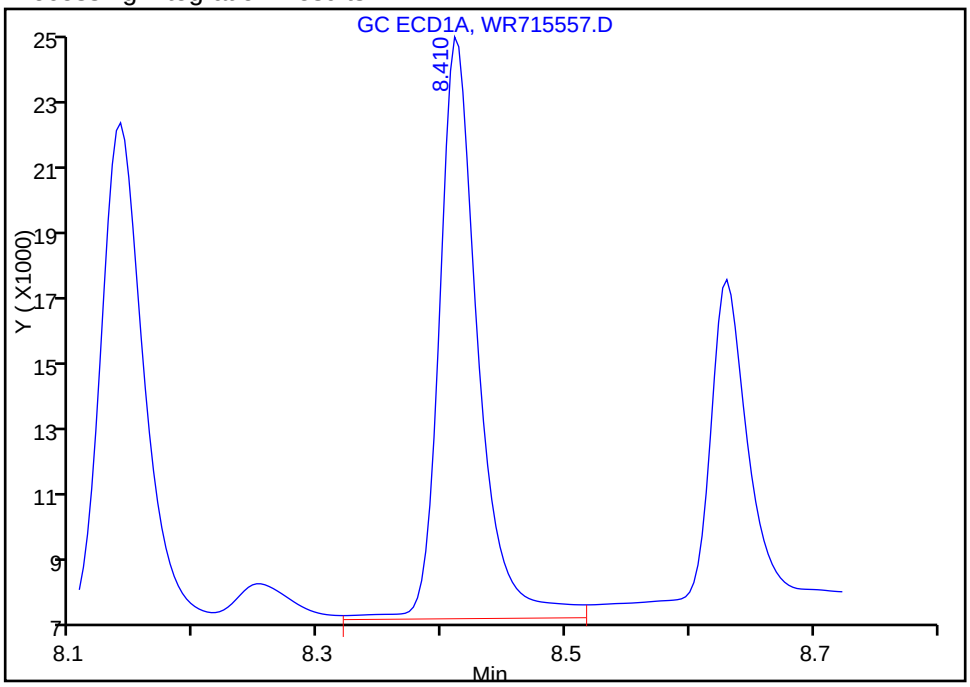
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 8.41, Det: GC ECD1A

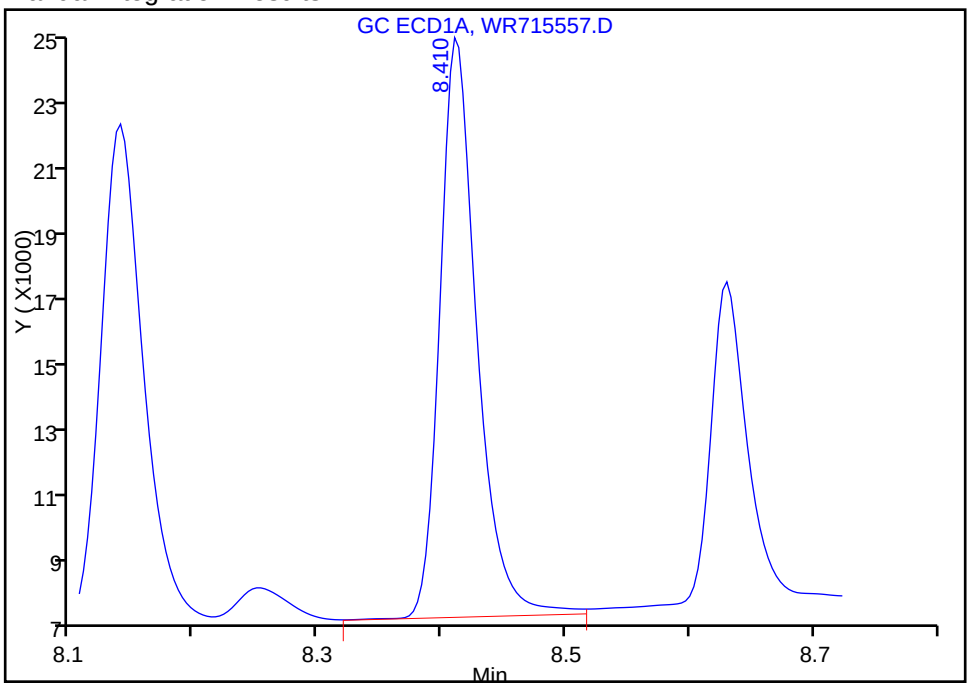
Processing Integration Results

RT: 8.41
Response: 37603
Amount: 13.503532



Manual Integration Results

RT: 8.41
Response: 35561
Amount: 12.868931



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

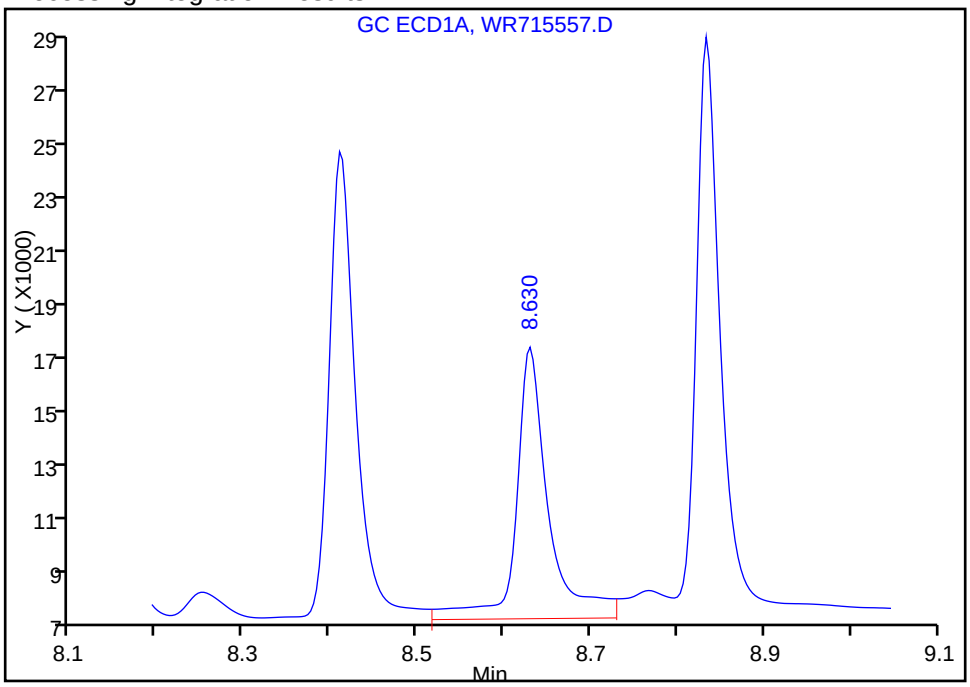
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 1, Type: quant, RT: 8.63, Det: GC ECD1A

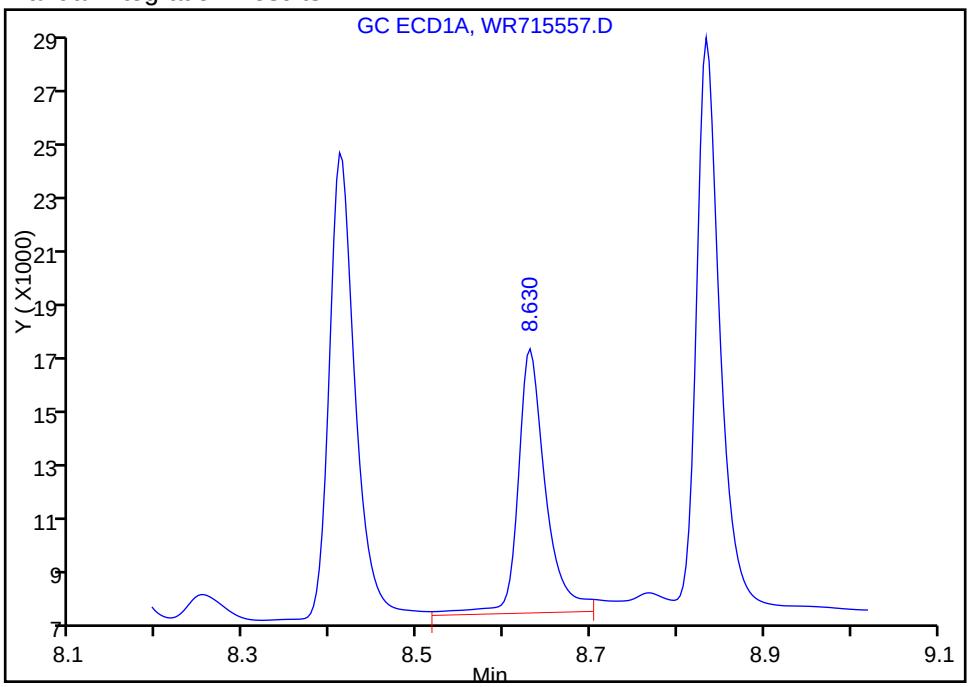
Processing Integration Results

RT: 8.63
Response: 25942
Amount: 10.251438



Manual Integration Results

RT: 8.63
Response: 21542
Amount: 13.162329



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

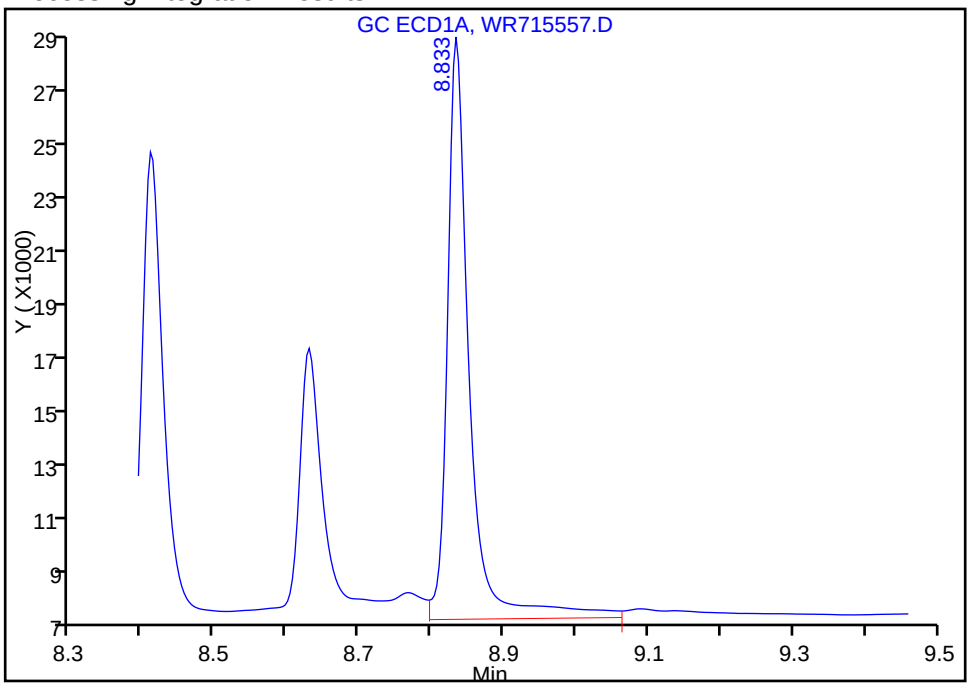
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

13 Endrin ketone, Signal: 1, Type: quant, RT: 8.83, Det: GC ECD1A

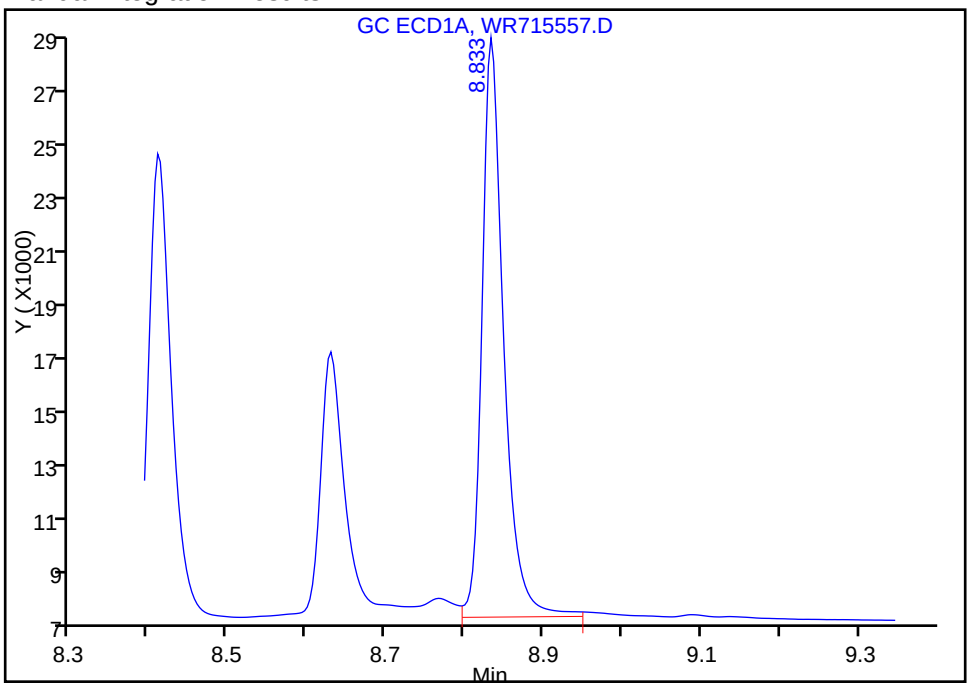
Processing Integration Results

RT: 8.83
Response: 45321
Amount: 10.811594



Manual Integration Results

RT: 8.83
Response: 40370
Amount: 12.962273



Reviewer: kapoors, 08-Aug-2013 11:32:58
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.293	2.293	2.293	2.293	2.293						2.243 - 2.343	2.293
gamma-BHC (Lindane)	2.670	2.670	2.670	2.670	2.670						2.620 - 2.720	2.670
beta-BHC	2.797	2.797	2.797	2.793	2.793						2.747 - 2.847	2.795
delta-BHC	3.090	3.090	3.090	3.090	3.090						3.040 - 3.140	3.090
Heptachlor	3.443	3.443	3.443	3.443	3.443						3.393 - 3.493	3.443
Aldrin	3.943	3.943	3.943	3.940	3.943						3.893 - 3.993	3.942
Heptachlor epoxide	4.953	4.953	4.953	4.953	4.953						4.883 - 5.023	4.953
gamma-Chlordane	5.177	5.177	5.173	5.173	5.173						5.103 - 5.243	5.175
alpha-Chlordane	5.417	5.417	5.417	5.417	5.417						5.347 - 5.487	5.417
4,4'-DDE	5.570	5.570	5.567	5.567	5.567						5.497 - 5.637	5.568
Endosulfan I	5.667	5.667	5.667	5.667	5.667						5.597 - 5.737	5.667
Dieldrin	6.100	6.100	6.100	6.100	6.097						6.030 - 6.170	6.099
Endrin	6.410	6.410	6.410	6.410	6.410						6.340 - 6.480	6.410
4,4'-DDD	6.493	6.493	6.490	6.490	6.490						6.420 - 6.560	6.491
Endosulfan II	6.657	6.653	6.653	6.653	6.653						6.583 - 6.723	6.654
4,4'-DDT	6.787	6.787	6.783	6.783	6.783						6.713 - 6.853	6.785
Endrin aldehyde	7.083	7.080	7.080	7.080	7.080						7.010 - 7.150	7.081
Methoxychlor	7.297	7.297	7.297	7.297	7.293						7.227 - 7.367	7.296
Endosulfan sulfate	7.547	7.547	7.543	7.543	7.543						7.473 - 7.613	7.545
Endrin ketone	7.857	7.857	7.857	7.857	7.857						7.787 - 7.927	7.857
Tetrachloro-m-xylene	1.810	1.810	1.813	1.810	1.810						1.763 - 1.863	1.811
DCB Decachlorobiphenyl	8.780	8.783	8.780	8.780	8.780						8.680 - 8.880	8.781

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	7001.9 6282.5	6253.5	5811.3	6006.0	Ave		6271.03480				7.2		20.0			
gamma-BHC (Lindane)	6592.5 5594.7	5758.4	5410.9	5562.7	Ave		5783.84360				8.1		20.0			
beta-BHC	3254.8 2631.4	2765.5	2577.9	2668.6	Ave		2779.65400				9.9		20.0			
delta-BHC	6670.2 5781.6	5789.4	5540.8	5799.5	Ave		5916.29280				7.4		20.0			
Heptachlor	6217.7 4918.4	5434.5	5141.7	5080.6	Ave		5358.59040				9.6		20.0			
Aldrin	4974.7 5096.1	5477.0	5178.3	5248.9	Ave		5195.00400				3.6		20.0			
Heptachlor epoxide	5854.7 4343.2	4983.0	4579.0	4563.4	Ave		4864.65160				12.0		20.0			
gamma-Chlordane	5863.1 4844.7	5058.3	4751.1	4893.6	Ave		5082.15040				8.9		20.0			
alpha-Chlordane	5483.3 4616.3	4850.1	4505.7	4654.3	Ave		4821.94000				8.1		20.0			
4,4'-DDE	4773.2 4462.7	4428.8	4230.4	4453.0	Ave		4469.61240				4.4		20.0			
Endosulfan I	6212.3 4247.9	4972.8	4579.1	4496.1	Ave		4901.62880				16.0		20.0			
Dieldrin	5580.6 4367.5	4800.0	4441.1	4505.2	Ave		4738.86120				11.0		20.0			
Endrin	4651.3 3564.6	3998.7	3783.3	3688.3	Ave		3937.24280				11.0		20.0			
4,4'-DDD	4046.3 3610.4	3598.1	3486.0	3687.2	Ave		3685.59160				5.8		20.0			
Endosulfan II	4683.6 3417.2	3832.9	3529.1	3617.2	Ave		3816.00160				13.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27303

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	4694.1 3885.8	3942.2	3824.3	3991.9	Ave		4067.65800				8.7		20.0			
Endrin aldehyde	4282.8 2848.5	3140.8	2909.0	2943.8	Ave		3224.96840				19.0		20.0			
Methoxychlor	2347.3 1763.6	2002.7	1844.0	1840.3	Ave		1959.55240				12.0		20.0			
Endosulfan sulfate	4409.8 3073.6	3354.8	3106.5	3161.6	Ave		3421.24560				16.0		20.0			
Endrin ketone	5055.6 3526.5	3907.7	3652.8	3616.0	Ave		3951.72400				16.0		20.0			
Tetrachloro-m-xylene	4384.2 4129.4	4427.5	4147.3	4161.1	Ave		4249.90467				3.4		20.0			
DCB Decachlorobiphenyl	3395.5 2981.9	3277.1	2974.8	2975.2	Ave		3120.90100				6.4		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 09:01 Calibration End Date: 08/08/2013 11:13 Calibration ID: 27303

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	ICL 1	WR715557.D
Level 2	IC 460-175030/6	WR715551.D
Level 3	IC 460-175030/4	WR715549.D
Level 4	IC 460-175030/7	WR715552.D
Level 5	IC 460-175030/8	WR715553.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	70019	312674	581130	1501508	3141231	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	65925	287919	541088	1390681	2797367	10.0	50.0	100	250	500
beta-BHC	Ave	32548	138275	257790	667158	1315719	10.0	50.0	100	250	500
delta-BHC	Ave	66702	289471	554077	1449874	2890789	10.0	50.0	100	250	500
Heptachlor	Ave	62177	271723	514173	1270160	2459211	10.0	50.0	100	250	500
Aldrin	Ave	49747	273849	517832	1312223	2548064	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	58547	249151	457895	1140842	2171610	10.0	50.0	100	250	500
gamma-Chlordane	Ave	58631	252916	475106	1223391	2422354	10.0	50.0	100	250	500
alpha-Chlordane	Ave	54833	242503	450573	1163574	2308157	10.0	50.0	100	250	500
4,4'-DDE	Ave	47732	221440	423038	1113246	2231349	10.0	50.0	100	250	500
Endosulfan I	Ave	62123	248639	457913	1124018	2123931	10.0	50.0	100	250	500
Dieldrin	Ave	55806	240000	444109	1126288	2183732	10.0	50.0	100	250	500
Endrin	Ave	46513	199934	378334	922065	1782317	10.0	50.0	100	250	500
4,4'-DDD	Ave	40463	179904	348595	921798	1805218	10.0	50.0	100	250	500
Endosulfan II	Ave	46836	191646	352909	904305	1708589	10.0	50.0	100	250	500
4,4'-DDT	Ave	46941	197112	382430	997967	1942891	10.0	50.0	100	250	500
Endrin aldehyde	Ave	42828	157040	290898	735940	1424251	10.0	50.0	100	250	500
Methoxychlor	Ave	23473	100134	184395	460068	881780	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	44098	167739	310645	790394	1536811	10.0	50.0	100	250	500
Endrin ketone	Ave	50556	195387	365277	903991	1763273	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	109605	221376	414732	624164	825878	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	84888	163857	297479	446277	596375	25.0	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Lims ID:	IC 3	Client ID:	
Inject. Date:	08-Aug-2013 09:01:06	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0003317-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	175030	Lims Sample ID:	4
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:17	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:53:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	406946	96.9	
2	1.813	1.813	0.0	414732	97.6	
					RPD = 0.69	
15 alpha-BHC						
1	3.340	3.340	0.0	552303	94.8	
2	2.293	2.293	0.0	581130	92.7	
					RPD = 2.25	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	483855	93.8	
2	2.670	2.670	0.0	541088	93.6	
					RPD = 0.32	
6 beta-BHC						
1	4.150	4.150	0.0	240310	90.6	
2	2.797	2.797	0.0	257790	92.7	
					RPD = 2.36	
32 delta-BHC						
1	4.690	4.690	0.0	468479	93.2	
2	3.090	3.090	0.0	554077	93.7	
					RPD = 0.51	
18 Heptachlor						
1	4.810	4.810	0.0	391105	94.0	
2	3.443	3.443	0.0	514173	96.0	
					RPD = 2.10	
8 Aldrin						
1	5.437	5.437	0.0	447696	94.1	
2	3.943	3.943	0.0	517832	99.7	
					RPD = 5.76	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	359681	91.2	
2	4.953	4.953	0.0	457895	94.1	
					RPD = 3.15	
9 gamma-Chlordane						
1	6.640	6.640	0.0	351876	90.6	
2	5.173	5.173	0.0	475106	93.5	
					RPD = 3.11	
23 alpha-Chlordane						
1	6.797	6.797	0.0	325531	90.6	
2	5.417	5.417	0.0	450573	93.4	
					RPD = 3.07	
7 Endosulfan I						
1	6.863	6.863	0.0	321889	91.7	
2	5.667	5.667	0.0	457913	93.4	
					RPD = 1.89	
25 4,4'-DDE						
1	6.957	6.957	0.0	332930	92.0	
2	5.567	5.567	0.0	423038	94.6	
					RPD = 2.85	
30 Dieldrin						
1	7.160	7.160	0.0	347291	92.3	
2	6.100	6.100	0.0	444109	93.7	
					RPD = 1.56	
20 Endrin						
1	7.507	7.507	0.0	313000	94.9	
2	6.410	6.410	0.0	378334	96.1	
					RPD = 1.23	
16 4,4'-DDD						M
1	7.603	7.603	0.0	281044	93.1	M
2	6.490	6.490	0.0	348595	94.6	
					RPD = 1.57	
11 Endosulfan II						M
1	7.747	7.747	0.0	307006	91.1	M
2	6.653	6.653	0.0	352909	92.5	
					RPD = 1.47	
21 4,4'-DDT						M
1	7.970	7.970	0.0	304081	95.0	M
2	6.783	6.783	0.0	382430	94.0	
					RPD = 0.99	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	237510	89.2	M
2	7.080	7.080	0.0	290898	90.2	
					RPD = 1.08	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	247549	89.6	M
2	7.543	7.543	0.0	310645	90.8	
					RPD = 1.35	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	145705	89.0	M
2	7.297	7.297	0.0	184395	94.1	
					RPD = 5.54	
13 Endrin ketone						
1	8.833	8.833	0.0	276381	88.7	
2	7.857	7.857	0.0	365277	92.4	
					RPD = 4.08	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	228087	95.1	
2	8.780	8.780	0.0	297479	95.3	
					RPD = 0.24	

QC Flag Legend

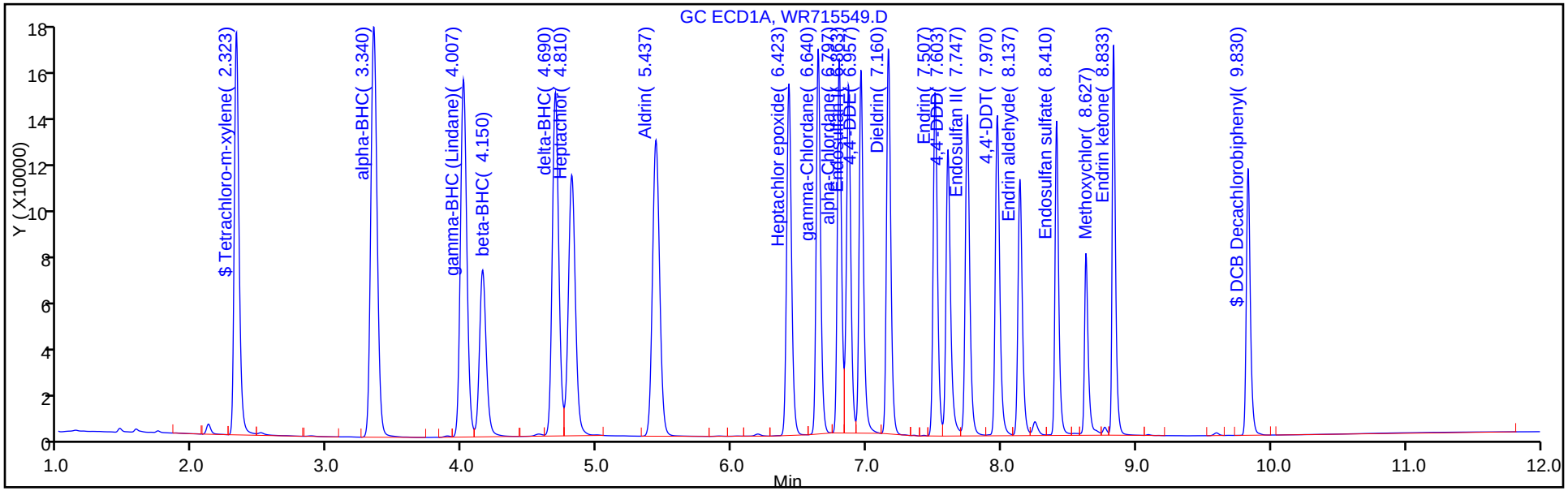
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:17 Chrom Revision: 2.1 25-Jul-2013 20:19:50

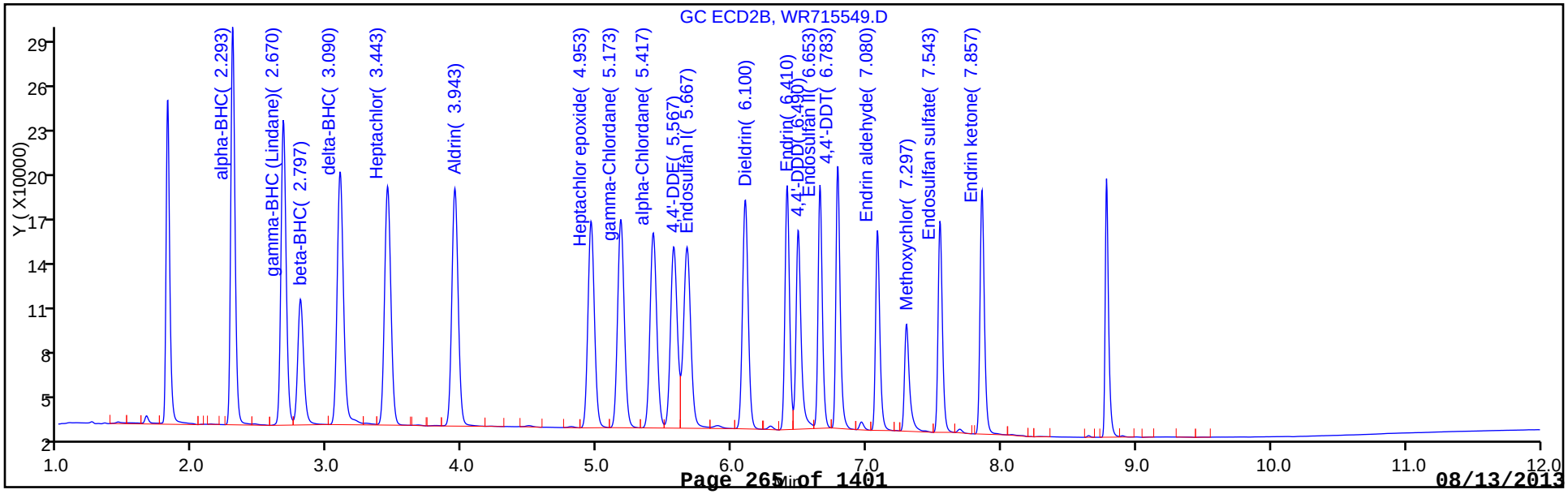
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715549.D		
Injection Date:	08-Aug-2013 09:01:06	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715551.D		
Lims ID:	IC 2	Client ID:	
Inject. Date:	08-Aug-2013 09:42:44	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0003327-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175030	Lims Sample ID:	6
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:19	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:34:12

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	221532	52.8	
2	1.810	1.813	-0.003	221376	52.1	
					RPD = 1.27	
15 alpha-BHC						
1	3.347	3.340	0.007	289986	49.8	
2	2.293	2.293	0.0	312674	49.9	
					RPD = 0.19	
2 gamma-BHC (Lindane)						
1	4.013	4.007	0.006	255655	49.6	
2	2.670	2.670	0.0	287919	49.8	
					RPD = 0.39	
6 beta-BHC						
1	4.153	4.150	0.003	131694	49.6	
2	2.797	2.797	0.0	138275	49.7	
					RPD = 0.21	
32 delta-BHC						
1	4.693	4.690	0.003	245490	48.8	
2	3.090	3.090	0.0	289471	48.9	
					RPD = 0.21	
18 Heptachlor						
1	4.817	4.810	0.007	207205	49.8	
2	3.443	3.443	0.0	271723	50.7	
					RPD = 1.85	
8 Aldrin						
1	5.440	5.437	0.003	234859	49.4	
2	3.943	3.943	0.0	273849	52.7	
					RPD = 6.57	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.427	6.423	0.004	192510	48.8	
2	4.953	4.953	0.0	249151	51.2	
					RPD = 4.80	
9 gamma-Chlordane						
1	6.643	6.640	0.003	186710	48.1	
2	5.177	5.173	0.004	252916	49.8	
					RPD = 3.43	
23 alpha-Chlordane						
1	6.800	6.797	0.003	173894	48.4	
2	5.417	5.417	0.0	242503	50.3	
					RPD = 3.82	
7 Endosulfan I						
1	6.867	6.863	0.004	170081	48.4	
2	5.667	5.667	0.0	248639	50.7	
					RPD = 4.61	
25 4,4'-DDE						
1	6.960	6.957	0.003	173539	47.9	
2	5.570	5.567	0.003	221440	49.5	
					RPD = 3.27	
30 Dieldrin						
1	7.163	7.160	0.003	182074	48.4	
2	6.100	6.100	0.0	240000	50.6	
					RPD = 4.59	
20 Endrin						
1	7.510	7.507	0.003	159610	48.4	
2	6.410	6.410	0.0	199934	50.8	
					RPD = 4.79	
16 4,4'-DDD						
1	7.607	7.603	0.004	144735	47.9	
2	6.493	6.490	0.003	179904	48.8	
					RPD = 1.79	
11 Endosulfan II						
1	7.750	7.747	0.003	162814	48.3	
2	6.653	6.653	0.0	191646	50.2	
					RPD = 3.84	
21 4,4'-DDT						
1	7.973	7.970	0.003	151470	47.3	
2	6.787	6.783	0.004	197112	48.5	
					RPD = 2.42	
5 Endrin aldehyde						
1	8.140	8.137	0.003	125538	47.2	
2	7.080	7.080	0.0	157040	48.7	
					RPD = 3.20	
3 Endosulfan sulfate						
1	8.410	8.410	0.0	130177	47.1	
2	7.547	7.543	0.004	167739	49.0	
					RPD = 3.99	

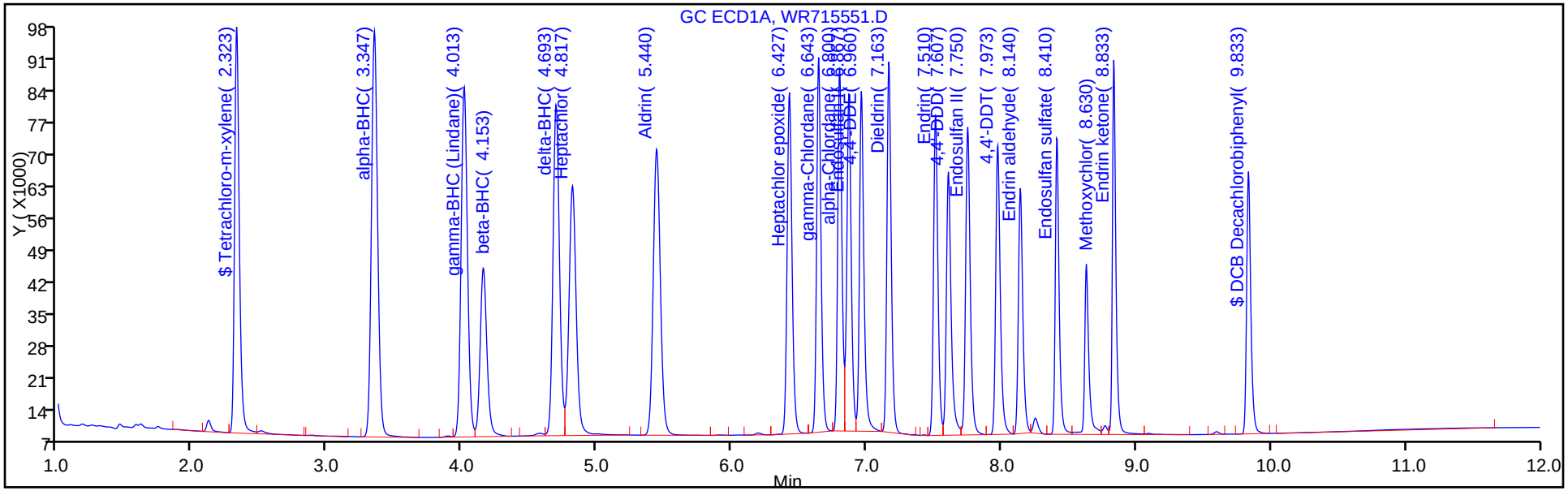
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.630	8.627	0.003	81151	49.6	
2	7.297	7.297	0.0	100134	51.1	
					RPD = 3.01	
13 Endrin ketone						
1	8.833	8.833	0.0	149112	47.9	
2	7.857	7.857	0.0	195387	49.4	
					RPD = 3.22	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.830	0.003	126082	52.6	
2	8.783	8.780	0.003	163857	52.5	
					RPD = 0.12	

Report Date: 08-Aug-2013 11:56:20 Chrom Revision: 2.1 25-Jul-2013 20:19:50

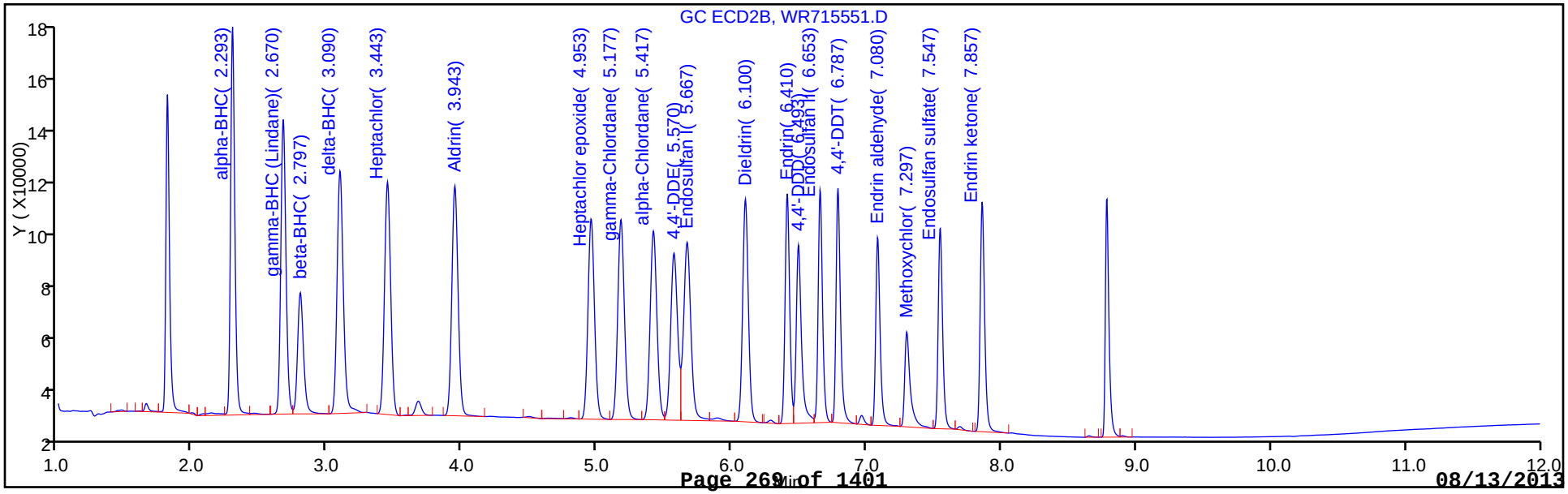
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715551.D		
Injection Date:	08-Aug-2013 09:42:44	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	08-Aug-2013 09:58:03	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0003327-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	175030	Lims Sample ID:	7
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:37:35

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	590581	140.6	
2	1.810	1.813	-0.003	624164	146.9	
					RPD = 4.33	
15 alpha-BHC						
1	3.343	3.340	0.003	1404929	241.1	
2	2.293	2.293	0.0	1501508	239.4	
					RPD = 0.69	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	1231550	238.9	
2	2.670	2.670	0.0	1390681	240.4	
					RPD = 0.66	
6 beta-BHC						
1	4.150	4.150	0.0	601601	226.8	
2	2.793	2.797	-0.004	667158	240.0	
					RPD = 5.68	
32 delta-BHC						
1	4.690	4.690	0.0	1224087	243.5	
2	3.090	3.090	0.0	1449874	245.1	
					RPD = 0.66	
18 Heptachlor						
1	4.813	4.810	0.003	979390	235.3	
2	3.443	3.443	0.0	1270160	237.0	
					RPD = 0.74	
8 Aldrin						
1	5.437	5.437	0.0	1138734	239.3	
2	3.940	3.943	-0.003	1312223	252.6	
					RPD = 5.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	897317	227.5	
2	4.953	4.953	0.0	1140842	234.5	
					RPD = 3.02	
9 gamma-Chlordane						
1	6.640	6.640	0.0	894518	230.4	
2	5.173	5.173	0.0	1223391	240.7	
					RPD = 4.39	
23 alpha-Chlordane						
1	6.797	6.797	0.0	825671	229.8	
2	5.417	5.417	0.0	1163574	241.3	
					RPD = 4.87	
7 Endosulfan I						
1	6.867	6.863	0.004	813157	231.6	
2	5.667	5.667	0.0	1124018	229.3	
					RPD = 0.98	
25 4,4'-DDE						
1	6.957	6.957	0.0	855528	236.4	
2	5.567	5.567	0.0	1113246	249.1	
					RPD = 5.23	
30 Dieldrin						
1	7.163	7.160	0.003	888321	236.0	
2	6.100	6.100	0.0	1126288	237.7	
					RPD = 0.70	
20 Endrin						M
1	7.510	7.507	0.003	785922	238.3	M
2	6.410	6.410	0.0	922065	234.2	
					RPD = 1.76	
16 4,4'-DDD						M
1	7.603	7.603	0.0	728074	241.2	M
2	6.490	6.490	0.0	921798	250.1	
					RPD = 3.63	
11 Endosulfan II						M
1	7.747	7.747	0.0	781737	232.1	M
2	6.653	6.653	0.0	904305	237.0	
					RPD = 2.10	
21 4,4'-DDT						M
1	7.970	7.970	0.0	773557	241.6	M
2	6.783	6.783	0.0	997967	245.3	
					RPD = 1.56	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	602461	226.3	M
2	7.080	7.080	0.0	735940	228.2	
					RPD = 0.82	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	637500	230.7	M
2	7.543	7.543	0.0	790394	231.0	
					RPD = 0.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	364319	222.6	M
2	7.297	7.297	0.0	460068	234.8	
					RPD = 5.33	
13 Endrin ketone						
1	8.833	8.833	0.0	708198	227.4	
2	7.857	7.857	0.0	903991	228.8	
					RPD = 0.60	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	336152	140.1	
2	8.780	8.780	0.0	446277	143.0	
					RPD = 2.02	

QC Flag Legend

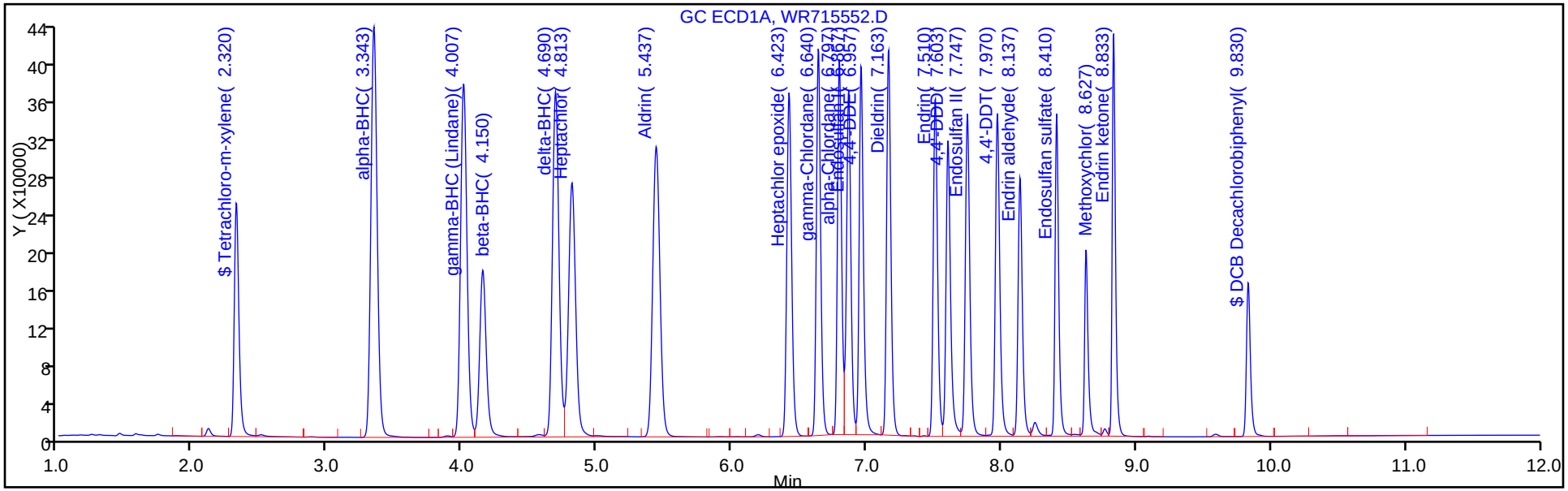
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:21 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715552.D		
Injection Date:	08-Aug-2013 09:58:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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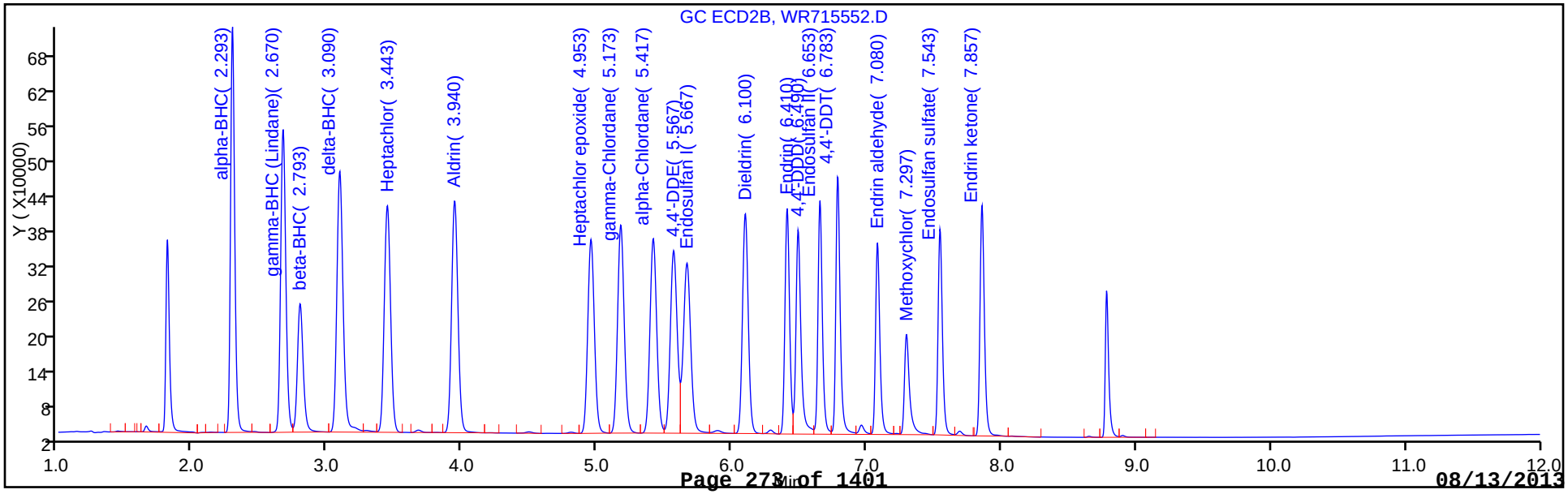


TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	08-Aug-2013 10:13:10	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0003327-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	175030	Lims Sample ID:	8
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:23	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:33:37

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	784441	186.8	
2	1.810	1.813	-0.003	825878	194.3	
					RPD = 3.95	
15 alpha-BHC						
1	3.340	3.340	0.0	2810429	482.3	
2	2.293	2.293	0.0	3141231	500.9	
					RPD = 3.79	
2 gamma-BHC (Lindane)						
1	4.007	4.007	0.0	2441136	473.5	
2	2.670	2.670	0.0	2797367	483.7	
					RPD = 2.13	
6 beta-BHC						
1	4.150	4.150	0.0	1190286	448.7	
2	2.793	2.797	-0.004	1315719	473.3	
					RPD = 5.35	
32 delta-BHC						
1	4.690	4.690	0.0	2443105	485.9	
2	3.090	3.090	0.0	2890789	488.6	
					RPD = 0.56	
18 Heptachlor						
1	4.810	4.810	0.0	1931161	463.9	
2	3.443	3.443	0.0	2459211	458.9	
					RPD = 1.09	
8 Aldrin						
1	5.437	5.437	0.0	2256985	474.4	
2	3.943	3.943	0.0	2548064	490.5	
					RPD = 3.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.423	0.0	1792147	454.5	
2	4.953	4.953	0.0	2171610	446.4	
					RPD = 1.79	
9 gamma-Chlordane						
1	6.640	6.640	0.0	1825137	470.1	
2	5.173	5.173	0.0	2422354	476.6	
					RPD = 1.39	
23 alpha-Chlordane						
1	6.797	6.797	0.0	1693268	471.3	
2	5.417	5.417	0.0	2308157	478.7	
					RPD = 1.55	
7 Endosulfan I						
1	6.863	6.863	0.0	1625710	463.0	
2	5.667	5.667	0.0	2123931	433.3	
					RPD = 6.62	
25 4,4'-DDE						
1	6.957	6.957	0.0	1754166	484.7	
2	5.567	5.567	0.0	2231349	499.2	
					RPD = 2.96	
30 Dieldrin						
1	7.160	7.160	0.0	1806902	480.1	
2	6.097	6.100	-0.003	2183732	460.8	
					RPD = 4.09	
20 Endrin						M
1	7.507	7.507	0.0	1612317	488.9	M
2	6.410	6.410	0.0	1782317	452.7	
					RPD = 7.70	
16 4,4'-DDD						M
1	7.603	7.603	0.0	1500916	497.2	M
2	6.490	6.490	0.0	1805218	489.8	
					RPD = 1.50	
11 Endosulfan II						M
1	7.747	7.747	0.0	1587793	471.3	M
2	6.653	6.653	0.0	1708589	447.7	
					RPD = 5.13	
21 4,4'-DDT						M
1	7.970	7.970	0.0	1606763	501.7	M
2	6.783	6.783	0.0	1942891	477.6	
					RPD = 4.92	
5 Endrin aldehyde						M
1	8.137	8.137	0.0	1221136	458.8	M
2	7.080	7.080	0.0	1424251	441.6	
					RPD = 3.81	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	1315740	476.1	M
2	7.543	7.543	0.0	1536811	449.2	
					RPD = 5.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.627	8.627	0.0	745828	455.7	M
2	7.293	7.297	-0.004	881780	450.0	
					RPD = 1.26	
13 Endrin ketone						
1	8.833	8.833	0.0	1478136	474.6	
2	7.857	7.857	0.0	1763273	446.2	
					RPD = 6.17	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	447700	186.6	
2	8.780	8.780	0.0	596375	191.1	
					RPD = 2.35	

QC Flag Legend

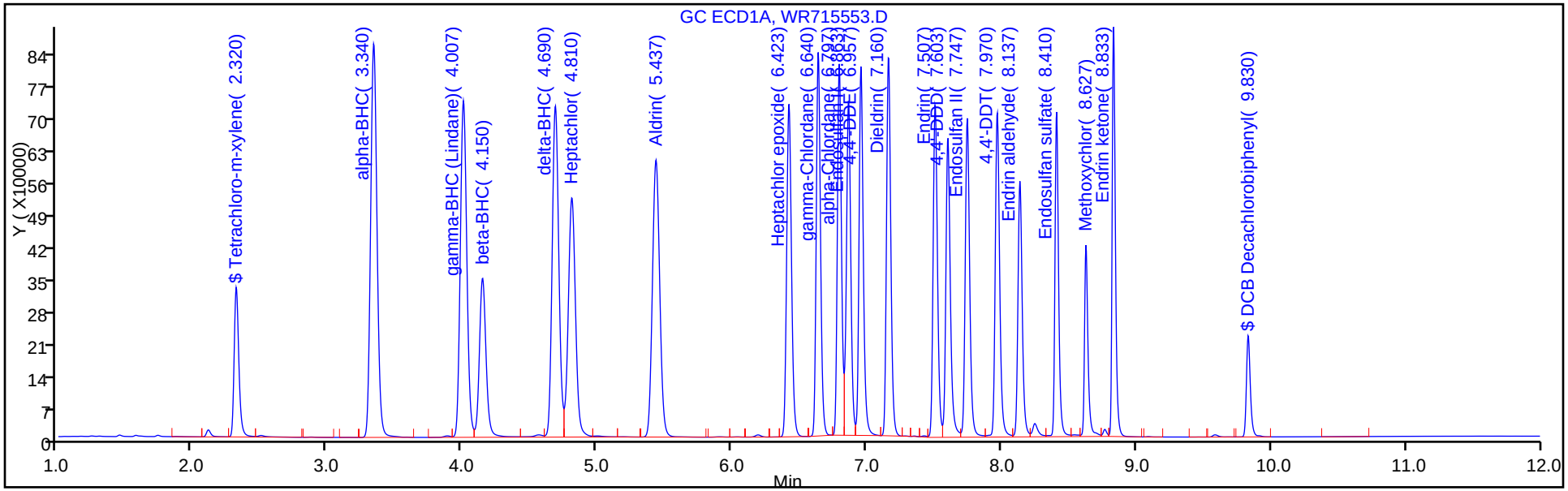
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:23 Chrom Revision: 2.1 25-Jul-2013 20:19:50

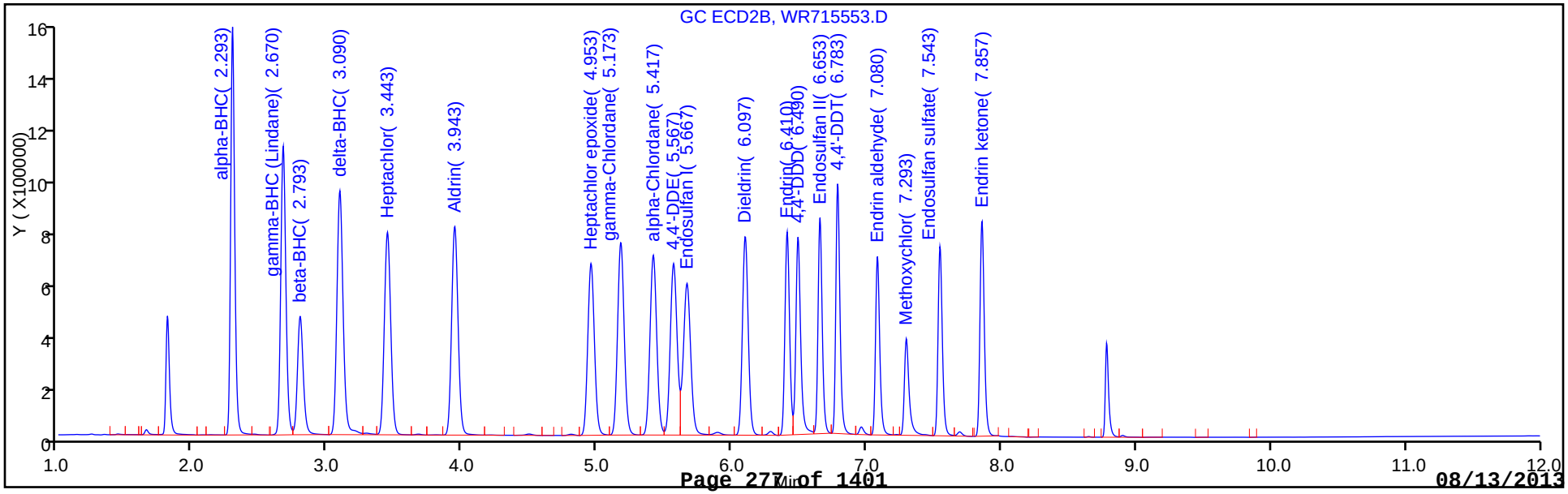
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715553.D		
Injection Date:	08-Aug-2013 10:13:10	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	08-Aug-2013 11:13:31	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	175030	Lims Sample ID:	12
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:32	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:32:58

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	115903	27.6	
2	1.810	1.813	-0.003	109605	25.8	
					RPD = 6.79	
15 alpha-BHC						
1	3.343	3.340	0.003	65725	11.3	
2	2.293	2.293	0.0	70019	11.2	
					RPD = 1.01	
2 gamma-BHC (Lindane)						
1	4.010	4.007	0.003	60185	11.7	
2	2.670	2.670	0.0	65925	11.4	
					RPD = 2.39	
6 beta-BHC						M
1	4.150	4.150	0.0	34407	13.0	M
2	2.797	2.797	0.0	32548	11.7	
					RPD = 10.21	
32 delta-BHC						
1	4.693	4.690	0.003	57629	11.5	
2	3.090	3.090	0.0	66702	11.3	
					RPD = 1.65	
18 Heptachlor						
1	4.813	4.810	0.003	49773	12.0	
2	3.443	3.443	0.0	62177	11.6	
					RPD = 3.01	
8 Aldrin						
1	5.437	5.437	0.0	55463	11.7	
2	3.943	3.943	0.0	49747	9.58	
					RPD = 19.60	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						M
1	6.423	6.423	0.0	50970	12.9	M
2	4.953	4.953	0.0	58547	12.0	
					RPD = 7.13	
9 gamma-Chlordane						M
1	6.640	6.640	0.0	49328	12.7	M
2	5.177	5.173	0.004	58631	11.5	
					RPD = 9.63	
23 alpha-Chlordane						M
1	6.797	6.797	0.0	45403	12.6	M
2	5.417	5.417	0.0	54833	11.4	
					RPD = 10.55	
7 Endosulfan I						M
1	6.867	6.863	0.004	44319	12.6	M
2	5.667	5.667	0.0	62123	12.7	
					RPD = 0.41	
25 4,4'-DDE						M
1	6.960	6.957	0.003	43657	12.1	M
2	5.570	5.567	0.003	47732	10.7	
					RPD = 12.16	
30 Dieldrin						M
1	7.163	7.160	0.003	45382	12.1	M
2	6.100	6.100	0.0	55806	11.8	
					RPD = 2.36	
20 Endrin						
1	7.510	7.507	0.003	37971	11.5	
2	6.410	6.410	0.0	46513	11.8	
					RPD = 2.56	
16 4,4'-DDD						
1	7.607	7.603	0.004	34735	11.5	
2	6.493	6.490	0.003	40463	11.0	
					RPD = 4.70	
11 Endosulfan II						
1	7.750	7.747	0.003	42150	12.5	
2	6.657	6.653	0.004	46836	12.3	
					RPD = 1.92	
21 4,4'-DDT						
1	7.970	7.970	0.0	36341	11.3	
2	6.787	6.783	0.004	46941	11.5	
					RPD = 1.68	
5 Endrin aldehyde						
1	8.140	8.137	0.003	35709	13.4	
2	7.083	7.080	0.003	42828	13.3	
					RPD = 1.01	
3 Endosulfan sulfate						M
1	8.410	8.410	0.0	35561	12.9	M
2	7.547	7.543	0.004	44098	12.9	
					RPD = 0.16	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	8.630	8.627	0.003	21542	13.2	M
2	7.297	7.297	0.0	23473	12.0	
					RPD = 9.42	
13 Endrin ketone						M
1	8.833	8.833	0.0	40370	13.0	M
2	7.857	7.857	0.0	50556	12.8	
					RPD = 1.31	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.830	0.0	67780	28.3	
2	8.780	8.780	0.0	84888	27.2	
					RPD = 3.81	

QC Flag Legend

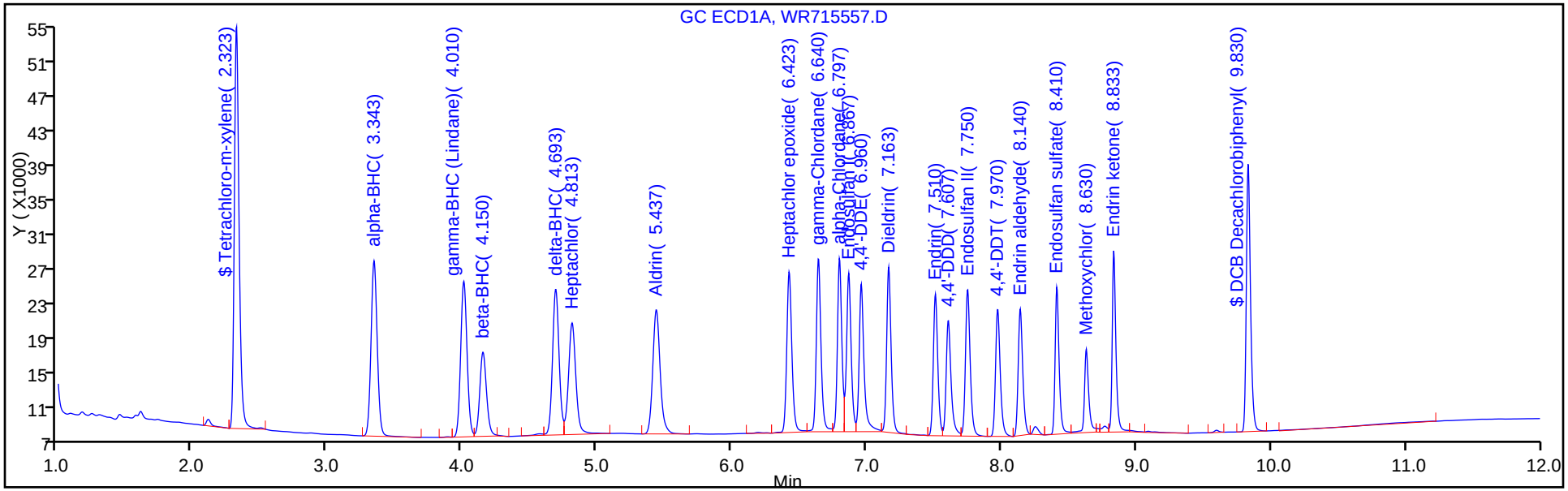
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 11:56:32 Chrom Revision: 2.1 25-Jul-2013 20:19:50

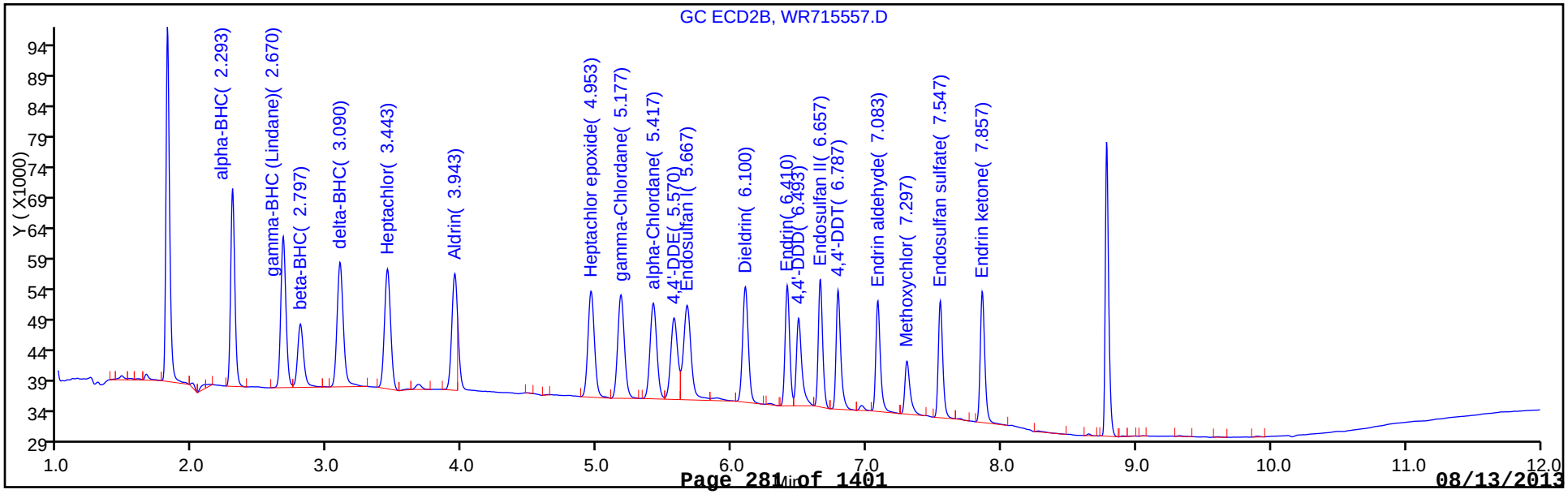
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Injection Date:	08-Aug-2013 11:13:31	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.543										4.473 - 4.613	4.543
Chlordane (technical) Peak 2	4.813										4.743 - 4.883	4.813
Chlordane (technical) Peak 3	5.720										5.650 - 5.790	5.720
Chlordane (technical) Peak 4	6.640										6.570 - 6.710	6.640
Chlordane (technical) Peak 5	6.737										6.667 - 6.807	6.737
Chlordane (technical) Peak 6	6.797										6.727 - 6.867	6.797
Chlordane (technical) Peak 7	7.590										7.520 - 7.660	7.590
Chlordane (technical) Peak 8	7.803										7.733 - 7.873	7.803

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	184.52				Ave		184.515000						20.0			
Chlordane (technical) Peak	206.32				Ave		206.323000						20.0			
Chlordane (technical) Peak	187.71				Ave		187.708000						20.0			
Chlordane (technical) Peak	450.09				Ave		450.091000						20.0			
Chlordane (technical) Peak	349.05				Ave		349.045000						20.0			
Chlordane (technical) Peak	417.30				Ave		417.304000						20.0			
Chlordane (technical) Peak	99.694				Ave		99.6940000						20.0			
Chlordane (technical) Peak	139.46				Ave		139.456000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27308

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	184515					1000				
Chlordane (technical) Peak 2	Ave	206323					1000				
Chlordane (technical) Peak 3	Ave	187708					1000				
Chlordane (technical) Peak 4	Ave	450091					1000				
Chlordane (technical) Peak 5	Ave	349045					1000				
Chlordane (technical) Peak 6	Ave	417304					1000				
Chlordane (technical) Peak 7	Ave	99694					1000				
Chlordane (technical) Peak 8	Ave	139456					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715554.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	08-Aug-2013 10:28:27	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003327-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	175030	Lims Sample ID:	9
Sublist:	chrom-8081GC4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:25	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:24:46

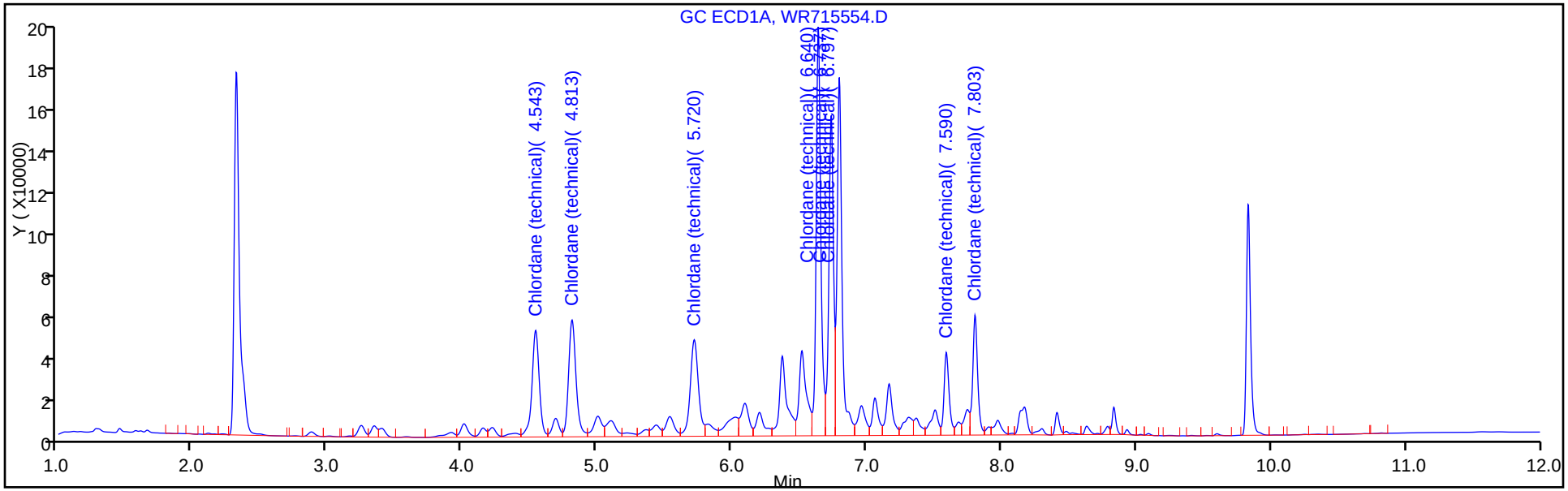
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.543	4.543	0.0	184515	1000.0	
1	4.813	4.813	0.0	206323	1000.0	
1	5.720	5.720	0.0	187708	1000.0	
1	6.640	6.640	0.0	450091	1000.0	
1	6.737	6.737	0.0	349045	1000.0	
1	6.797	6.797	0.0	417304	1000.0	
1	7.590	7.590	0.0	99694	1000.0	
1	7.803	7.803	0.0	139456	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.313	3.313	0.0	189049	1000.0	
2	3.443	3.443	0.0	272247	1000.0	
2	4.170	4.170	0.0	217691	1000.0	
2	5.037	5.037	0.0	142194	1000.0	
2	5.173	5.173	0.0	623174	1000.0	
2	5.403	5.403	0.0	942512	1000.0	
2	6.450	6.450	0.0	150406	1000.0	
2	6.587	6.587	0.0	183791	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 08-Aug-2013 11:56:25 Chrom Revision: 2.1 25-Jul-2013 20:19:50

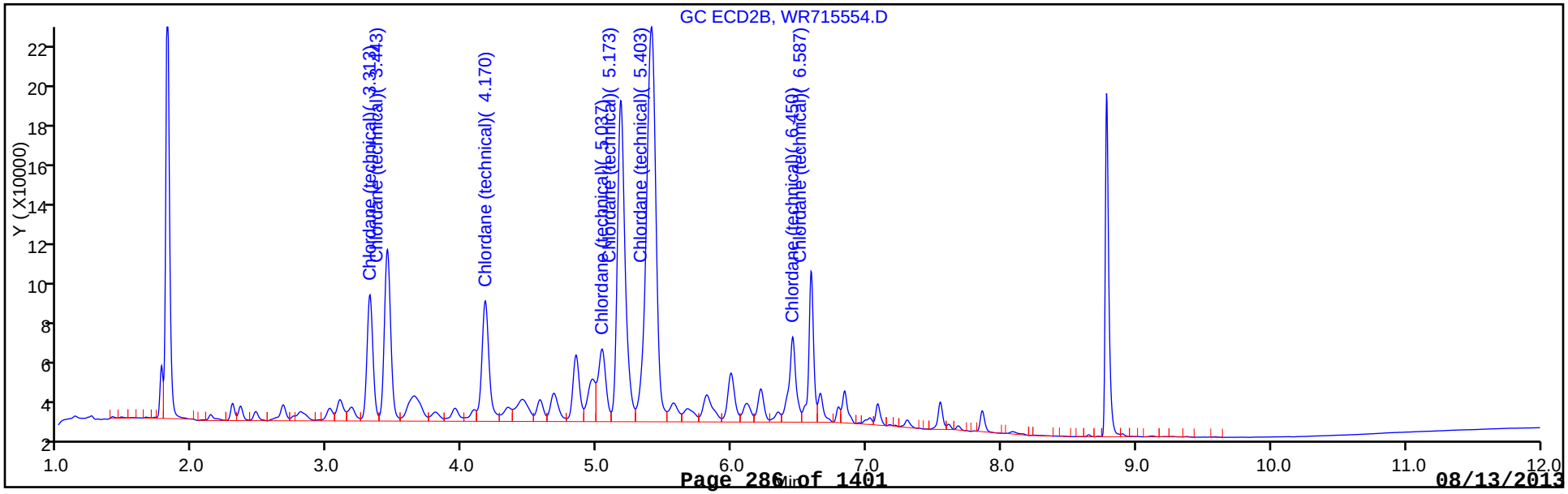
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715554.D		
Injection Date:	08-Aug-2013 10:28:27	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.313										3.243 - 3.383	3.313
Chlordane (technical) Peak 2	3.443										3.373 - 3.513	3.443
Chlordane (technical) Peak 3	4.170										4.100 - 4.240	4.170
Chlordane (technical) Peak 4	5.037										4.967 - 5.107	5.037
Chlordane (technical) Peak 5	5.173										5.103 - 5.243	5.173
Chlordane (technical) Peak 6	5.403										5.333 - 5.473	5.403
Chlordane (technical) Peak 7	6.450										6.380 - 6.520	6.450
Chlordane (technical) Peak 8	6.587										6.517 - 6.657	6.587

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	189.05				Ave		189.049000						20.0			
Chlordane (technical) Peak	272.25				Ave		272.247000						20.0			
Chlordane (technical) Peak	217.69				Ave		217.691000						20.0			
Chlordane (technical) Peak	142.19				Ave		142.194000						20.0			
Chlordane (technical) Peak	623.17				Ave		623.174000						20.0			
Chlordane (technical) Peak	942.51				Ave		942.512000						20.0			
Chlordane (technical) Peak	150.41				Ave		150.406000						20.0			
Chlordane (technical) Peak	183.79				Ave		183.791000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:28 Calibration End Date: 08/08/2013 10:28 Calibration ID: 27309

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/9	WR715554.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	189049					1000				
Chlordane (technical) Peak 2	Ave	272247					1000				
Chlordane (technical) Peak 3	Ave	217691					1000				
Chlordane (technical) Peak 4	Ave	142194					1000				
Chlordane (technical) Peak 5	Ave	623174					1000				
Chlordane (technical) Peak 6	Ave	942512					1000				
Chlordane (technical) Peak 7	Ave	150406					1000				
Chlordane (technical) Peak 8	Ave	183791					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715554.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	08-Aug-2013 10:28:27	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003327-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	175030	Lims Sample ID:	9
Sublist:	chrom-8081GC4*sub2		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:25	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:24:46

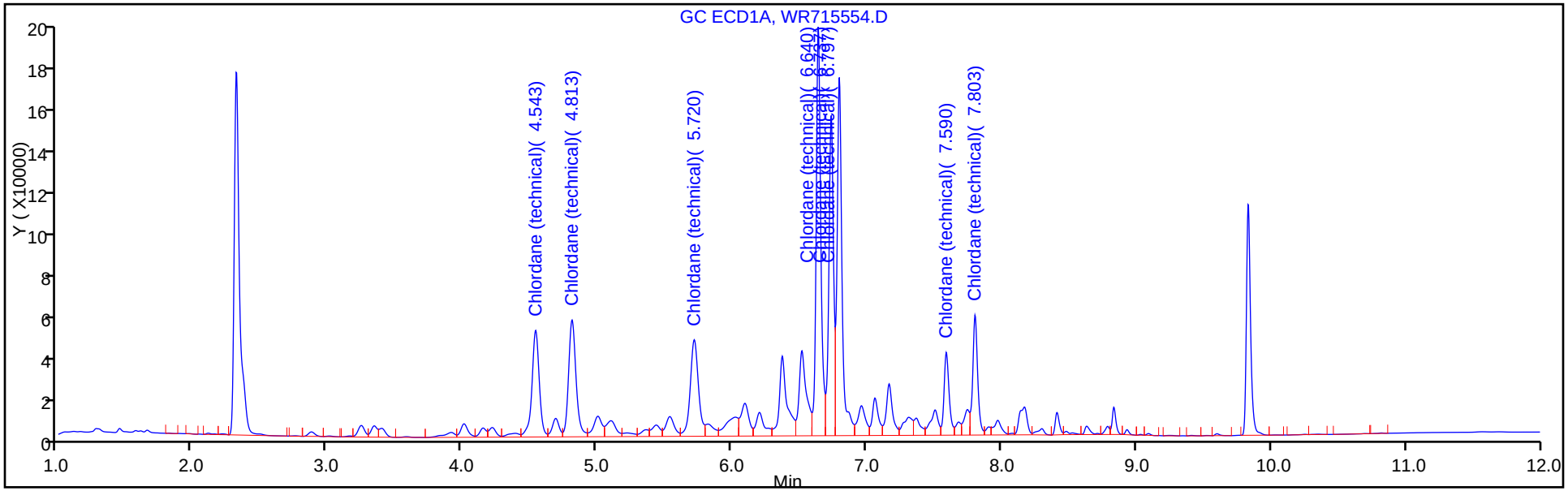
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.543	4.543	0.0	184515	1000.0	
1	4.813	4.813	0.0	206323	1000.0	
1	5.720	5.720	0.0	187708	1000.0	
1	6.640	6.640	0.0	450091	1000.0	
1	6.737	6.737	0.0	349045	1000.0	
1	6.797	6.797	0.0	417304	1000.0	
1	7.590	7.590	0.0	99694	1000.0	
1	7.803	7.803	0.0	139456	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.313	3.313	0.0	189049	1000.0	
2	3.443	3.443	0.0	272247	1000.0	
2	4.170	4.170	0.0	217691	1000.0	
2	5.037	5.037	0.0	142194	1000.0	
2	5.173	5.173	0.0	623174	1000.0	
2	5.403	5.403	0.0	942512	1000.0	
2	6.450	6.450	0.0	150406	1000.0	
2	6.587	6.587	0.0	183791	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 08-Aug-2013 11:56:25 Chrom Revision: 2.1 25-Jul-2013 20:19:50

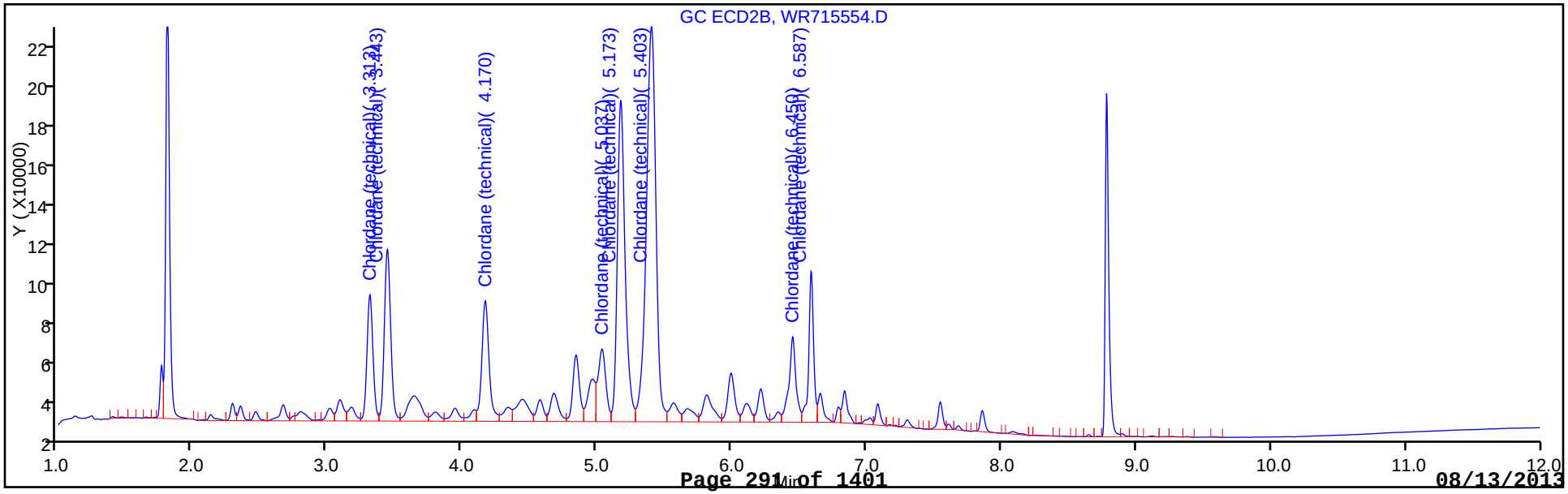
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715554.D		
Injection Date:	08-Aug-2013 10:28:27	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.837										7.767 - 7.907	7.837
Toxaphene Peak 2	8.140										8.070 - 8.210	8.140
Toxaphene Peak 3	8.363										8.293 - 8.433	8.363
Toxaphene Peak 4	8.403										8.333 - 8.473	8.403
Toxaphene Peak 5	8.610										8.540 - 8.680	8.610
Toxaphene Peak 6	8.660										8.590 - 8.730	8.660
Toxaphene Peak 7	8.903										8.833 - 8.973	8.903
Toxaphene Peak 8	9.143										9.073 - 9.213	9.143

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	156.50				Ave		156.495000						20.0			
Toxaphene Peak 2	132.97				Ave		132.967000						20.0			
Toxaphene Peak 3	105.17				Ave		105.166000						20.0			
Toxaphene Peak 4	104.78				Ave		104.780000						20.0			
Toxaphene Peak 5	202.88				Ave		202.881000						20.0			
Toxaphene Peak 6	279.18				Ave		279.175000						20.0			
Toxaphene Peak 7	174.35				Ave		174.350000						20.0			
Toxaphene Peak 8	79.046				Ave		79.0460000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27314

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	156495					1000				
Toxaphene Peak 2	Ave	132967					1000				
Toxaphene Peak 3	Ave	105166					1000				
Toxaphene Peak 4	Ave	104780					1000				
Toxaphene Peak 5	Ave	202881					1000				
Toxaphene Peak 6	Ave	279175					1000				
Toxaphene Peak 7	Ave	174350					1000				
Toxaphene Peak 8	Ave	79046					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715555.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	08-Aug-2013 10:43:34	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003327-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	175030	Lims Sample ID:	10
Sublist:	chrom-8081GC4*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:27	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:24:15

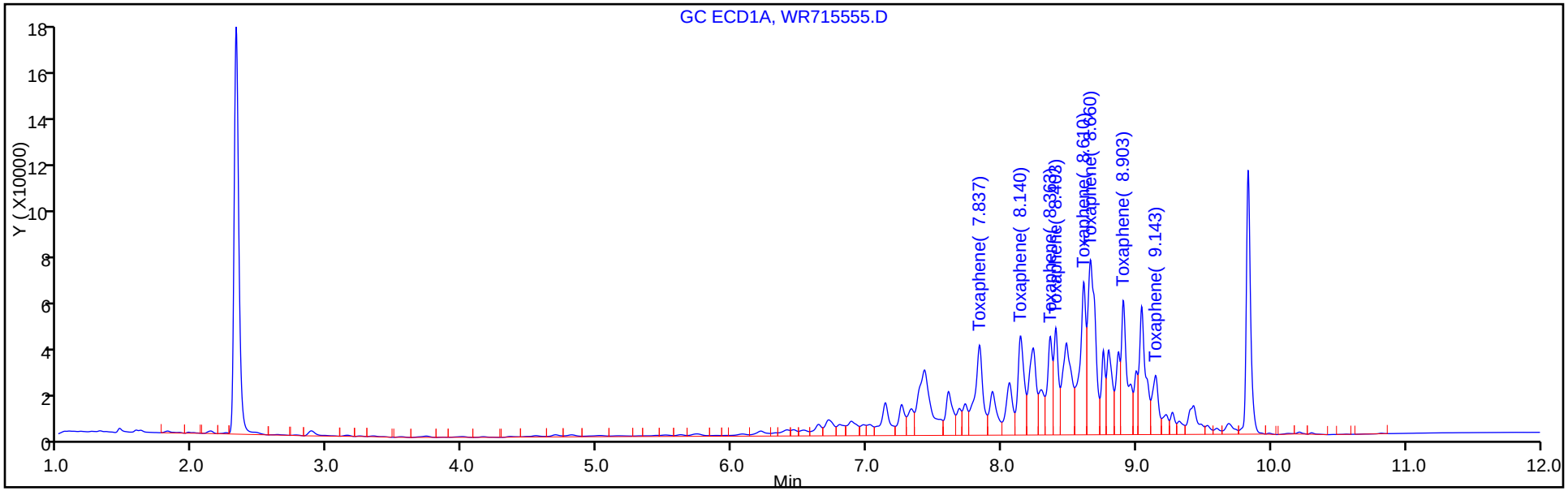
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						
1	7.837	7.837	0.0	156495	1000.0	
1	8.140	8.140	0.0	132967	1000.0	
1	8.363	8.363	0.0	105166	1000.0	
1	8.403	8.403	0.0	104780	1000.0	
1	8.610	8.610	0.0	202881	1000.0	
1	8.660	8.660	0.0	279175	1000.0	
1	8.903	8.903	0.0	174350	1000.0	
1	9.143	9.143	0.0	79046	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.713	6.713	0.0	147171	1000.0	
2	6.997	6.997	0.0	214701	1000.0	
2	7.060	7.060	0.0	217500	1000.0	
2	7.197	7.197	0.0	279586	1000.0	
2	7.440	7.440	0.0	211835	1000.0	
2	7.540	7.540	0.0	369964	1000.0	
2	7.840	7.840	0.0	201805	1000.0	
2	8.013	8.013	0.0	136416	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 08-Aug-2013 11:56:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

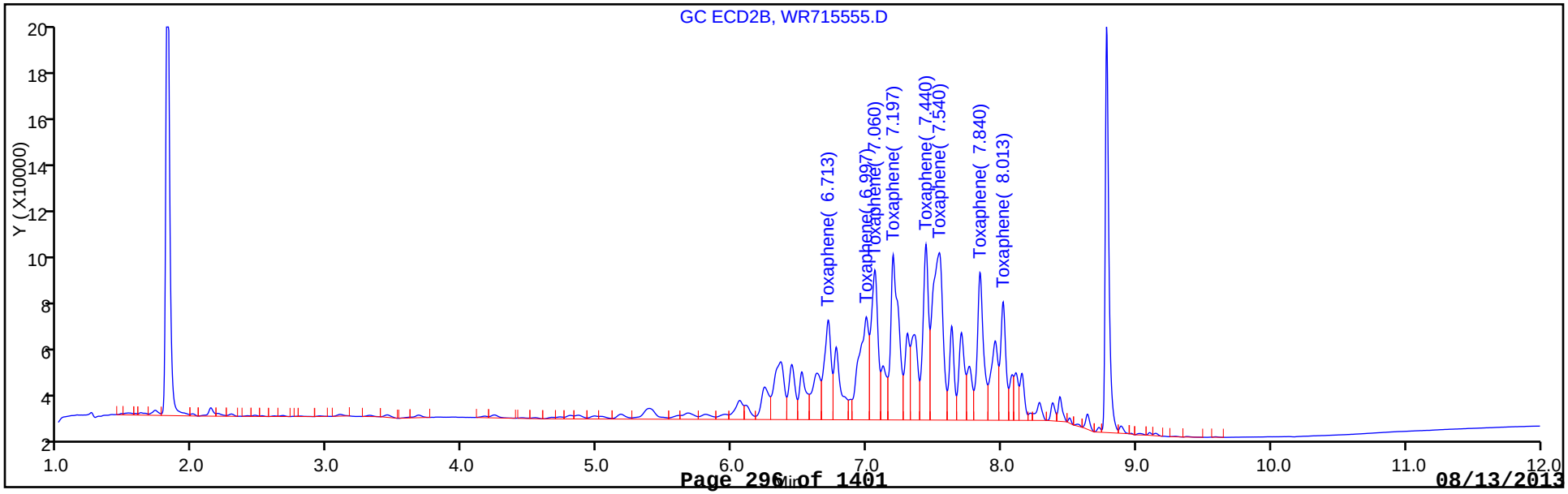
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715555.D		
Injection Date:	08-Aug-2013 10:43:34	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.713										6.643 - 6.783	6.713
Toxaphene Peak 2	6.997										6.927 - 7.067	6.997
Toxaphene Peak 3	7.060										6.990 - 7.130	7.060
Toxaphene Peak 4	7.197										7.127 - 7.267	7.197
Toxaphene Peak 5	7.440										7.370 - 7.510	7.440
Toxaphene Peak 6	7.540										7.470 - 7.610	7.540
Toxaphene Peak 7	7.840										7.770 - 7.910	7.840
Toxaphene Peak 8	8.013										7.943 - 8.083	8.013

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	147.17				Ave		147.171000						20.0			
Toxaphene Peak 2	214.70				Ave		214.701000						20.0			
Toxaphene Peak 3	217.50				Ave		217.500000						20.0			
Toxaphene Peak 4	279.59				Ave		279.586000						20.0			
Toxaphene Peak 5	211.84				Ave		211.835000						20.0			
Toxaphene Peak 6	369.96				Ave		369.964000						20.0			
Toxaphene Peak 7	201.81				Ave		201.805000						20.0			
Toxaphene Peak 8	136.42				Ave		136.416000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175030

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/08/2013 10:43 Calibration End Date: 08/08/2013 10:43 Calibration ID: 27315

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175030/10	WR715555.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	147171					1000				
Toxaphene Peak 2	Ave	214701					1000				
Toxaphene Peak 3	Ave	217500					1000				
Toxaphene Peak 4	Ave	279586					1000				
Toxaphene Peak 5	Ave	211835					1000				
Toxaphene Peak 6	Ave	369964					1000				
Toxaphene Peak 7	Ave	201805					1000				
Toxaphene Peak 8	Ave	136416					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715555.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	08-Aug-2013 10:43:34	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003327-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	175030	Lims Sample ID:	10
Sublist:	chrom-8081GC4*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\8081GC4.m		
Last Update:	08-Aug-2013 11:56:27	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 11:24:15

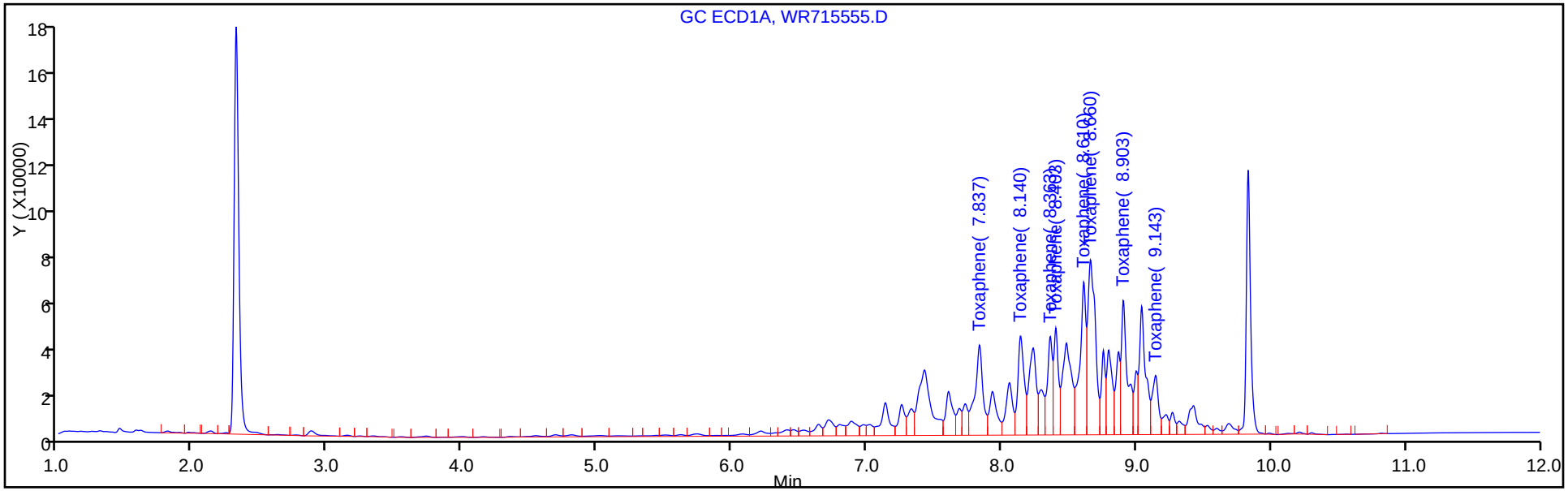
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						
1	7.837	7.837	0.0	156495	1000.0	
1	8.140	8.140	0.0	132967	1000.0	
1	8.363	8.363	0.0	105166	1000.0	
1	8.403	8.403	0.0	104780	1000.0	
1	8.610	8.610	0.0	202881	1000.0	
1	8.660	8.660	0.0	279175	1000.0	
1	8.903	8.903	0.0	174350	1000.0	
1	9.143	9.143	0.0	79046	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.713	6.713	0.0	147171	1000.0	
2	6.997	6.997	0.0	214701	1000.0	
2	7.060	7.060	0.0	217500	1000.0	
2	7.197	7.197	0.0	279586	1000.0	
2	7.440	7.440	0.0	211835	1000.0	
2	7.540	7.540	0.0	369964	1000.0	
2	7.840	7.840	0.0	201805	1000.0	
2	8.013	8.013	0.0	136416	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

Report Date: 08-Aug-2013 11:56:27 Chrom Revision: 2.1 25-Jul-2013 20:19:50

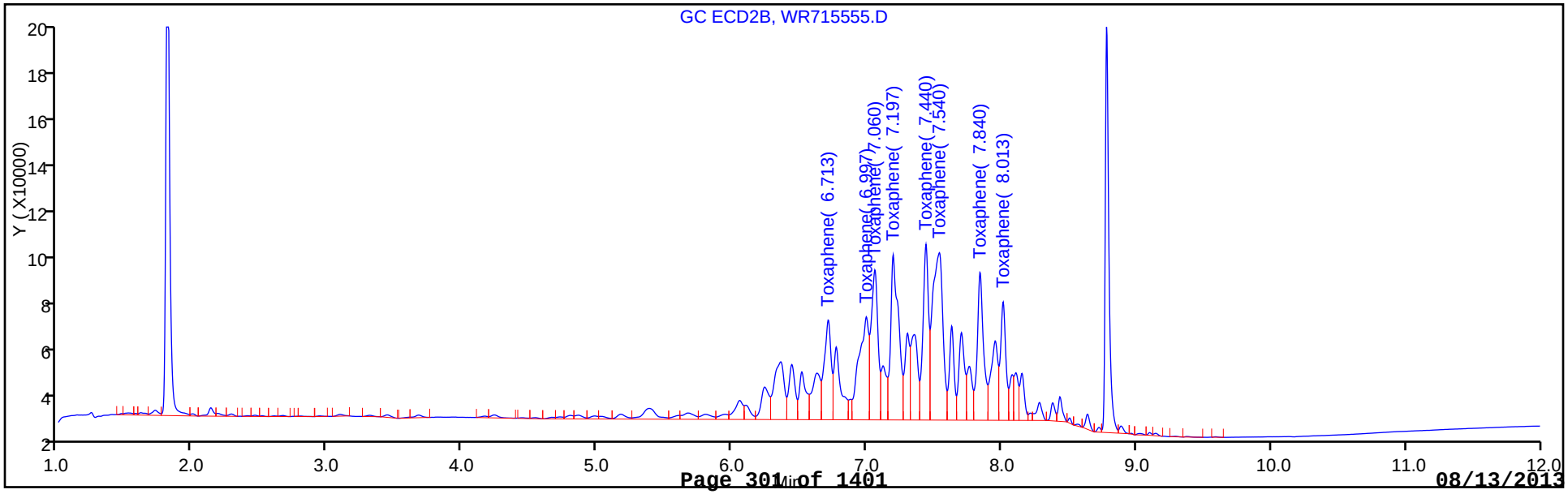
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715555.D		
Injection Date:	08-Aug-2013 10:43:34	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175030	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27483

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.266	3.274	3.276	3.285	3.279						3.216 - 3.316	3.276
gamma-BHC (Lindane)	3.965	3.974	3.974	3.986	3.982						3.915 - 4.015	3.976
beta-BHC	4.121	4.128	4.127	4.141	4.135						4.071 - 4.171	4.130
delta-BHC	4.694	4.705	4.704	4.720	4.713						4.644 - 4.744	4.707
Heptachlor	4.828	4.839	4.837	4.852	4.847						4.778 - 4.878	4.841
Aldrin	5.492	5.503	5.501	5.518	5.513						5.442 - 5.542	5.505
Heptachlor epoxide	6.399	6.404	6.403	6.411	6.409						6.329 - 6.469	6.405
gamma-Chlordane	6.564	6.569	6.568	6.574	6.572						6.494 - 6.634	6.569
alpha-Chlordane	6.679	6.684	6.683	6.688	6.687						6.609 - 6.749	6.684
Endosulfan I	6.726	6.730	6.730	6.735	6.732						6.656 - 6.796	6.731
4,4'-DDE	6.789	6.794	6.792	6.798	6.796						6.719 - 6.859	6.794
Dieldrin	6.917	6.922	6.922	6.926	6.924						6.847 - 6.987	6.922
Endrin	7.124	7.128	7.128	7.132	7.131						7.054 - 7.194	7.129
4,4'-DDD	7.184	7.188	7.187	7.192	7.190						7.114 - 7.254	7.188
Endosulfan II	7.273	7.276	7.276	7.281	7.278						7.203 - 7.343	7.277
4,4'-DDT	7.419	7.423	7.422	7.427	7.425						7.349 - 7.489	7.423
Endrin aldehyde	7.529	7.532	7.532	7.537	7.535						7.459 - 7.599	7.533
Endosulfan sulfate	7.754	7.758	7.757	7.763	7.761						7.684 - 7.824	7.759
Methoxychlor	7.999	8.002	8.002	8.007	8.005						7.929 - 8.069	8.003
Endrin ketone	8.237	8.240	8.240	8.246	8.243						8.167 - 8.307	8.241
Tetrachloro-m-xylene	2.259	2.262	2.262	2.266	2.264						2.209 - 2.309	2.263
DCB Decachlorobiphenyl	9.474	9.477	9.476	9.481	9.479						9.374 - 9.574	9.477

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27483

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	282250 389444	302056	331258	372039	Ave		335409.542				14.0		20.0			
gamma-BHC (Lindane)	277811 355880	284656	308538	344927	Ave		314362.469				11.0		20.0			
beta-BHC	182822 178214	160111	163866	173751	Ave		171753.008				5.6		20.0			
delta-BHC	270583 352114	270802	297136	337333	Ave		305593.512				12.0		20.0			
Heptachlor	215751 299075	222113	248815	279509	Ave		253052.583				14.0		20.0			
Aldrin	289059 329341	265569	283746	314789	Ave		296500.806				8.6		20.0			
Heptachlor epoxide	286844 266783	255144	260442	268488	Ave		267540.242				4.5		20.0			
gamma-Chlordane	269754 270591	250670	261652	268453	Ave		264223.945				3.2		20.0			
alpha-Chlordane	230809 207786	209938	210105	211233	Ave		213974.028				4.4		20.0			
Endosulfan I	254964 244109	240569	249571	253444	Ave		248531.500				2.5		20.0			
4,4'-DDE	261754 269873	240351	261860	272235	Ave		261214.559				4.8		20.0			
Dieldrin	272707 252596	232592	253314	257409	Ave		253723.722				5.6		20.0			
Endrin	237820 206435	203428	212283	211840	Ave		214361.414				6.4		20.0			
4,4'-DDD	220131 228825	198071	213836	226133	Ave		217399.108				5.6		20.0			
Endosulfan II	290459 229048	234861	242127	237353	Ave		246769.896				10.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27483

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	171678 226219	187654	214147	223367	Ave		204613.322				12.0		20.0			
Endrin aldehyde	207227 196777	190276	191326	202784	Ave		197678.006				3.7		20.0			
Endosulfan sulfate	241144 221512	218374	229189	220916	Ave		226227.126				4.1		20.0			
Methoxychlor	110674 114277	113880	126488	111619	Ave		115387.577				5.5		20.0			
Endrin ketone	220879 231485	218359	228215	232607	Ave		226309.224				2.8		20.0			
Tetrachloro-m-xylene	288396 274944	277522	274925	270781	Ave		277313.667				2.4		20.0			
DCB Decachlorobiphenyl	264177 240272	250677	241680	240657	Ave		247492.617				4.1		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27483

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	1411252	15102786	33125842	93009776	194722032	5.00	50.0	100	250	500
gamma-BHC (Lindane)	Ave	1389054	14232808	30853836	86231705	177940103	5.00	50.0	100	250	500
beta-BHC	Ave	914112	8005545	16386646	43437794	89107053	5.00	50.0	100	250	500
delta-BHC	Ave	1352915	13540104	29713626	84333159	176056791	5.00	50.0	100	250	500
Heptachlor	Ave	1078753	11105644	24881540	69877163	149537691	5.00	50.0	100	250	500
Aldrin	Ave	1445296	13278444	28374571	78697346	164670429	5.00	50.0	100	250	500
Heptachlor epoxide	Ave	1434222	12757210	26044152	67121920	133391704	5.00	50.0	100	250	500
gamma-Chlordane	Ave	1348768	12533496	26165208	67113362	135295338	5.00	50.0	100	250	500
alpha-Chlordane	Ave	1154044	10496901	21010489	52808171	103892874	5.00	50.0	100	250	500
Endosulfan I	Ave	1274820	12028457	24957128	63361089	122054361	5.00	50.0	100	250	500
4,4'-DDE	Ave	1308771	12017555	26185985	68058676	134936471	5.00	50.0	100	250	500
Dieldrin	Ave	1363535	11629615	25331406	64352260	126298106	5.00	50.0	100	250	500
Endrin	Ave	1189101	10171417	21228306	52960050	103217634	5.00	50.0	100	250	500
4,4'-DDD	Ave	1100656	9903545	21383599	56533225	114412275	5.00	50.0	100	250	500
Endosulfan II	Ave	1452297	11743056	24212734	59338342	114524126	5.00	50.0	100	250	500
4,4'-DDT	Ave	858391	9382710	21414733	55841856	113109729	5.00	50.0	100	250	500
Endrin aldehyde	Ave	1036133	9513798	19132590	50696097	98388591	5.00	50.0	100	250	500
Endosulfan sulfate	Ave	1205719	10918705	22918936	55229023	110756139	5.00	50.0	100	250	500
Methoxychlor	Ave	553369	5694018	12648799	27904803	57138262	5.00	50.0	100	250	500
Endrin ketone	Ave	1104395	10917973	22821546	58151789	115742522	5.00	50.0	100	250	500
Tetrachloro-m-xylene	Ave	3604949	13876111	27492508	40617202	54988754	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	3302208	12533842	24168042	36098571	48054409	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Lims ID:	STD L1	Client ID:	
Inject. Date:	11-Aug-2013 10:13:48	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	1
Sample ID:	460-0003430-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	175554	Lims Sample ID:	4
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:33	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 08:52:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.259	2.259	0.0	3604949	13.0	
2	1.797	1.797	0.0	6289877	14.4	
					RPD = 10.35	
15 alpha-BHC						
1	3.266	3.266	0.0	1411252	4.21	
2	2.284	2.284	0.0	2998835	5.50	
					RPD = 26.62	
2 gamma-BHC (Lindane)						
1	3.965	3.965	0.0	1389054	4.42	
2	2.669	2.669	0.0	2629456	5.30	
					RPD = 18.07	
6 beta-BHC						
1	4.121	4.121	0.0	914112	5.32	
2	2.807	2.807	0.0	1422756	5.60	
					RPD = 5.06	
32 delta-BHC						
1	4.694	4.694	0.0	1352915	4.43	
2	3.119	3.119	0.0	2317567	4.82	
					RPD = 8.45	
18 Heptachlor						
1	4.828	4.828	0.0	1078753	4.26	
2	3.486	3.486	0.0	1933811	4.92	
					RPD = 14.31	
8 Aldrin						
1	5.492	5.492	0.0	1445296	4.87	
2	4.014	4.014	0.0	2268026	5.20	
					RPD = 6.38	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.399	6.399	0.0	1434222	5.36	
2	5.102	5.102	0.0	2336687	5.64	
					RPD = 5.13	
9 gamma-Chlordane						
1	6.564	6.564	0.0	1348768	5.10	
2	5.334	5.334	0.0	2396901	5.65	
					RPD = 10.19	
23 alpha-Chlordane						
1	6.679	6.679	0.0	1154044	5.39	
2	5.592	5.592	0.0	2193370	5.41	
					RPD = 0.40	
7 Endosulfan I						M
1	6.726	6.726	0.0	1274820	5.13	
2	5.863	5.863	0.0	2081669	5.46	M
					RPD = 6.19	
25 4,4'-DDE						M
1	6.789	6.789	0.0	1308771	5.01	
2	5.750	5.750	0.0	1768775	4.84	M
					RPD = 3.42	
30 Dieldrin						
1	6.917	6.917	0.0	1363535	5.37	
2	6.214	6.214	0.0	2018259	5.39	
					RPD = 0.30	
20 Endrin						M
1	7.124	7.124	0.0	1189101	5.55	
2	6.443	6.443	0.0	1746202	5.74	M
					RPD = 3.47	
16 4,4'-DDD						M
1	7.184	7.184	0.0	1100656	5.06	
2	6.499	6.499	0.0	1538783	4.87	M
					RPD = 3.82	
11 Endosulfan II						M
1	7.273	7.273	0.0	1452297	5.89	
2	6.623	6.623	0.0	1862210	5.67	M
					RPD = 3.80	
21 4,4'-DDT						M
1	7.419	7.419	0.0	858391	4.20	
2	6.711	6.711	0.0	1613015	4.90	M
					RPD = 15.40	
5 Endrin aldehyde						M
1	7.529	7.529	0.0	1036133	5.24	
2	6.910	6.910	0.0	1790400	6.04	M
					RPD = 14.18	
3 Endosulfan sulfate						M
1	7.754	7.754	0.0	1205719	5.33	
2	7.192	7.192	0.0	2017954	5.91	M
					RPD = 10.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	7.999	7.999	0.0	553369	4.80	
2	7.034	7.034	0.0	1029634	5.50	M
					RPD = 13.68	
13 Endrin ketone						M
1	8.237	8.237	0.0	1104395	4.88	
2	7.389	7.389	0.0	2191633	6.07	M
					RPD = 21.73	
$ 24 DCB Decachlorobiphenyl						
1	9.474	9.474	0.0	3302208	13.3	
2	8.231	8.231	0.0	5595945	14.5	
					RPD = 8.48	

QC Flag Legend

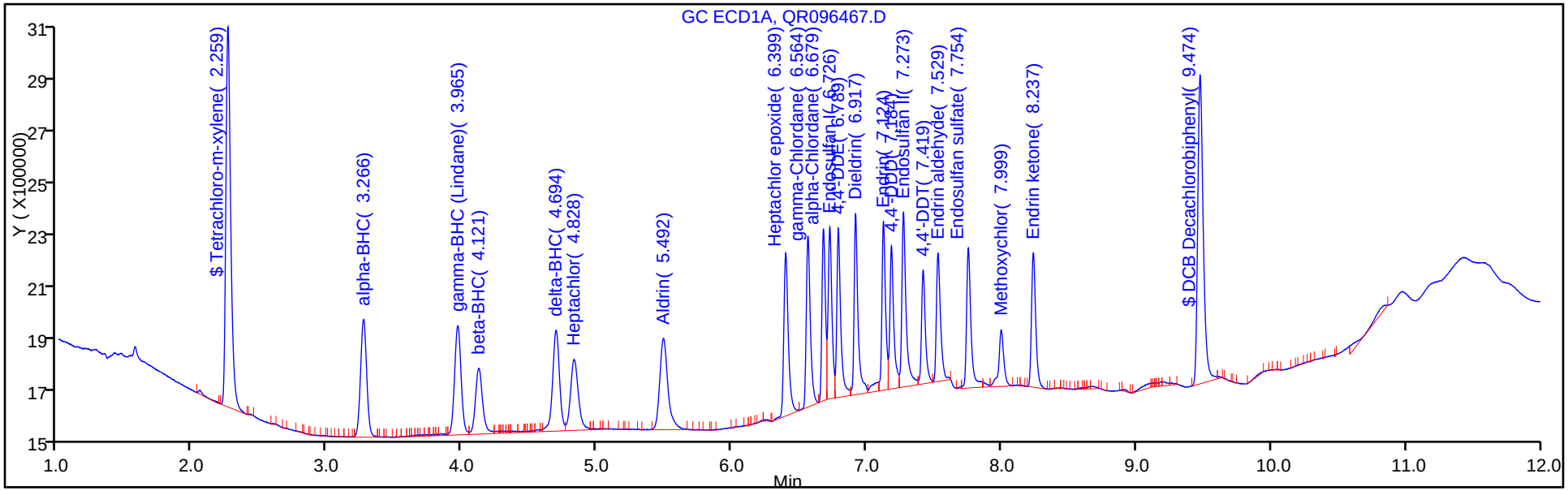
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:13:33 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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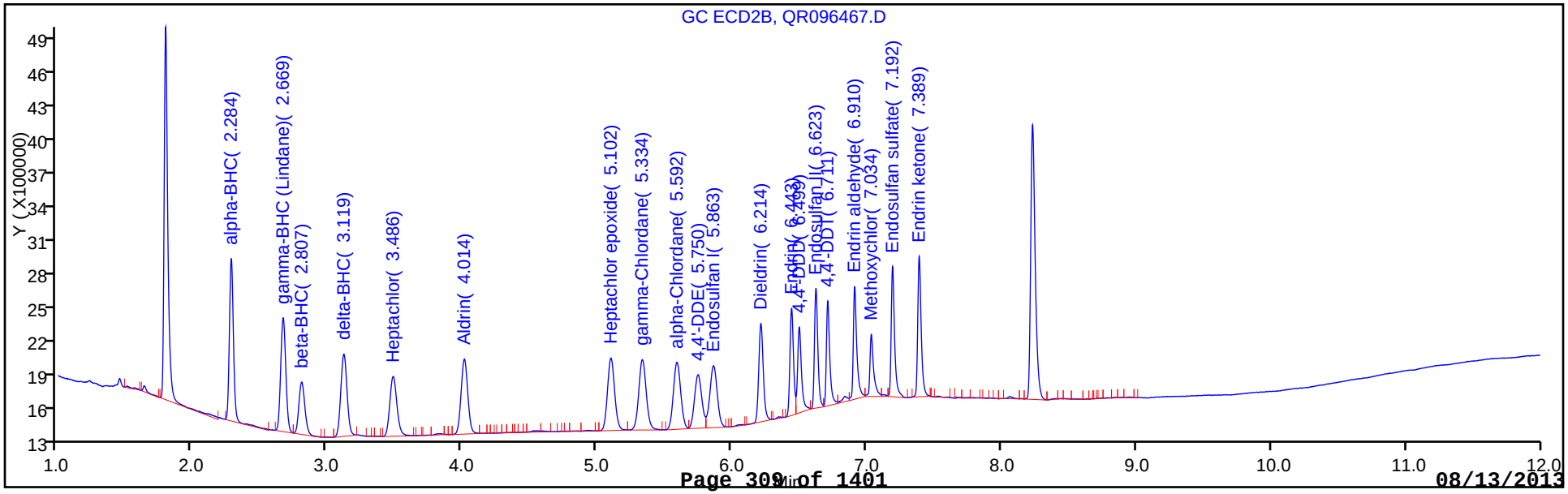


TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096468.D		
Lims ID:	STD L2	Client ID:	
Inject. Date:	11-Aug-2013 10:28:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0003430-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	175554	Lims Sample ID:	5
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:37	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 08:53:15

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.259	0.003	13876111	50.0	
2	1.797	1.797	0.0	22009962	50.5	
					RPD = 0.83	
15 alpha-BHC						
1	3.274	3.266	0.008	15102786	45.0	
2	2.286	2.284	0.002	26844420	49.2	
					RPD = 8.92	
2 gamma-BHC (Lindane)						
1	3.974	3.965	0.009	14232808	45.3	
2	2.671	2.669	0.002	24471455	49.3	
					RPD = 8.49	
6 beta-BHC						
1	4.128	4.121	0.007	8005545	46.6	
2	2.809	2.807	0.002	12531953	49.3	
					RPD = 5.63	
32 delta-BHC						
1	4.705	4.694	0.011	13540104	44.3	
2	3.124	3.119	0.005	23294090	48.4	
					RPD = 8.88	
18 Heptachlor						
1	4.839	4.828	0.011	11105644	43.9	
2	3.489	3.486	0.003	18413371	46.8	
					RPD = 6.53	
8 Aldrin						
1	5.503	5.492	0.011	13278444	44.8	
2	4.019	4.014	0.005	20996428	48.1	
					RPD = 7.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.404	6.399	0.005	12757210	47.7	
2	5.109	5.102	0.007	20302657	49.0	
					RPD = 2.79	
9 gamma-Chlordane						
1	6.569	6.564	0.005	12533496	47.4	
2	5.343	5.334	0.009	20445811	48.2	
					RPD = 1.64	
23 alpha-Chlordane						
1	6.684	6.679	0.005	10496901	49.1	
2	5.599	5.592	0.007	19774346	48.8	
					RPD = 0.49	
7 Endosulfan I						
1	6.730	6.726	0.004	12028457	48.4	
2	5.871	5.863	0.008	18868902	49.5	
					RPD = 2.18	
25 4,4'-DDE						
1	6.794	6.789	0.005	12017555	46.0	
2	5.755	5.750	0.005	17522826	48.0	
					RPD = 4.18	
30 Dieldrin						
1	6.922	6.917	0.005	11629615	45.8	
2	6.219	6.214	0.005	18446427	49.3	
					RPD = 7.21	
20 Endrin						
1	7.128	7.124	0.004	10171417	47.4	
2	6.446	6.443	0.003	15412045	50.7	
					RPD = 6.60	
16 4,4'-DDD						
1	7.188	7.184	0.004	9903545	45.6	
2	6.502	6.499	0.003	15610740	49.4	
					RPD = 8.17	
11 Endosulfan II						
1	7.276	7.273	0.003	11743056	47.6	
2	6.625	6.623	0.002	16920630	51.5	
					RPD = 7.86	
21 4,4'-DDT						
1	7.423	7.419	0.004	9382710	45.9	
2	6.714	6.711	0.003	16579673	50.3	
					RPD = 9.28	
5 Endrin aldehyde						
1	7.532	7.529	0.003	9513798	48.1	
2	6.913	6.910	0.003	15097703	50.9	
					RPD = 5.69	
3 Endosulfan sulfate						
1	7.758	7.754	0.004	10918705	48.3	
2	7.194	7.192	0.002	17400465	51.0	
					RPD = 5.50	

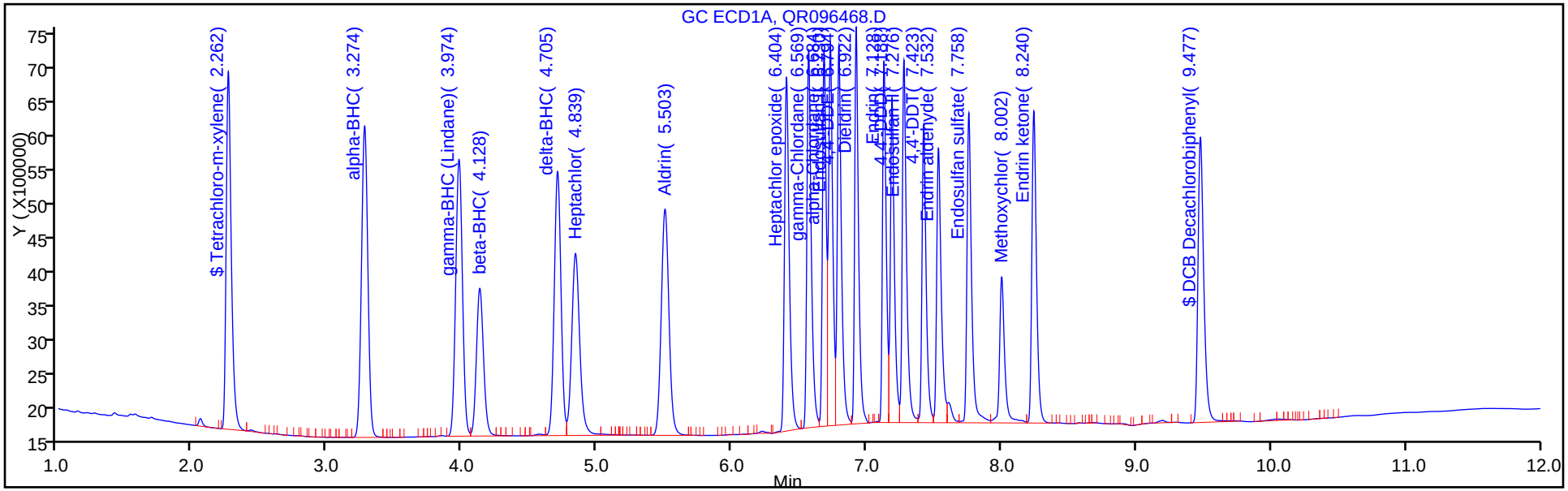
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	7.999	0.003	5694018	49.3	
2	7.035	7.034	0.001	10388603	55.5	
					RPD = 11.73	
13 Endrin ketone						
1	8.240	8.237	0.003	10917973	48.2	
2	7.391	7.389	0.002	18516470	51.3	
					RPD = 6.10	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.474	0.003	12533842	50.6	
2	8.233	8.231	0.002	19688433	51.1	
					RPD = 0.90	

Report Date: 12-Aug-2013 10:13:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

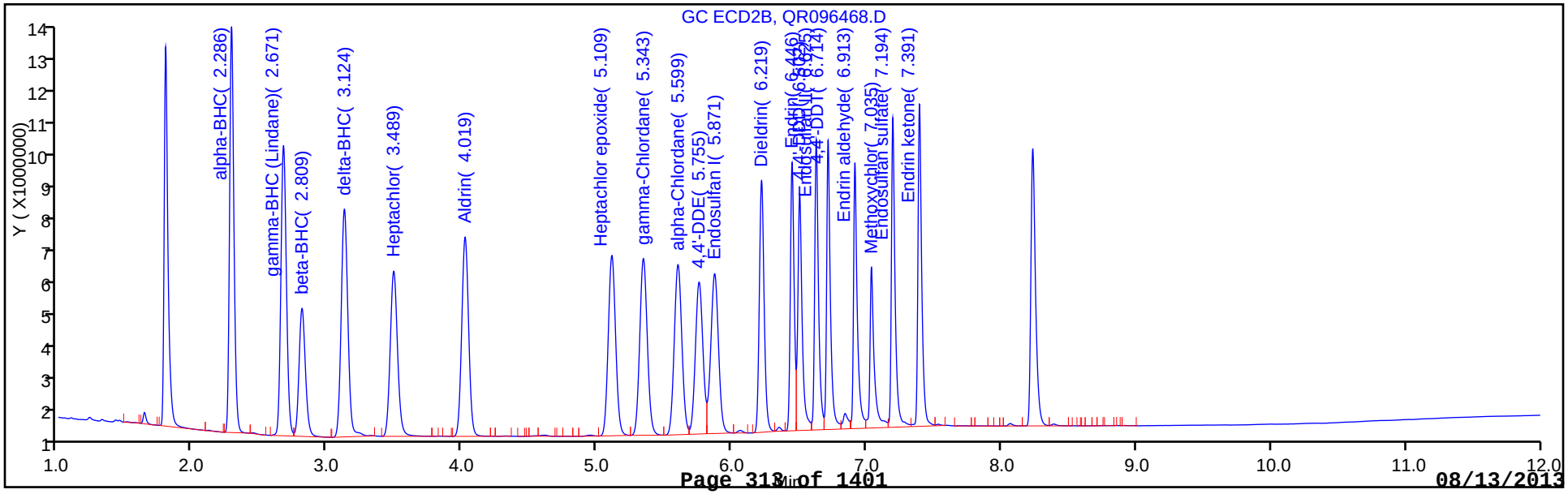
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096468.D		
Injection Date:	11-Aug-2013 10:28:59	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096469.D		
Lims ID:	STD L3	Client ID:	
Inject. Date:	11-Aug-2013 10:45:28	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0003430-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175554	Lims Sample ID:	6
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:39	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:00:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.262	0.0	27492508	99.1	
2	1.797	1.797	0.0	42099193	96.5	
					RPD = 2.70	
15 alpha-BHC						
1	3.276	3.276	0.0	33125842	98.8	
2	2.286	2.286	0.0	53185877	97.5	
					RPD = 1.25	
2 gamma-BHC (Lindane)						
1	3.974	3.974	0.0	30853836	98.1	
2	2.672	2.672	0.0	48791487	98.3	
					RPD = 0.13	
6 beta-BHC						
1	4.127	4.127	0.0	16386646	95.4	
2	2.810	2.810	0.0	24462744	96.3	
					RPD = 0.89	
32 delta-BHC						
1	4.704	4.704	0.0	29713626	97.2	
2	3.124	3.124	0.0	47651471	99.1	
					RPD = 1.86	
18 Heptachlor						
1	4.837	4.837	0.0	24881540	98.3	
2	3.490	3.490	0.0	38809927	98.7	
					RPD = 0.42	
8 Aldrin						
1	5.501	5.501	0.0	28374571	95.7	
2	4.019	4.019	0.0	42557266	97.5	
					RPD = 1.86	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.403	6.403	0.0	26044152	97.3	
2	5.106	5.106	0.0	39971624	96.5	
					RPD = 0.84	
9 gamma-Chlordane						
1	6.568	6.568	0.0	26165208	99.0	
2	5.340	5.340	0.0	40511892	95.5	
					RPD = 3.58	
23 alpha-Chlordane						
1	6.683	6.683	0.0	21010489	98.2	
2	5.596	5.596	0.0	39409583	97.3	
					RPD = 0.92	
7 Endosulfan I						
1	6.730	6.730	0.0	24957128	100.4	
2	5.867	5.867	0.0	37715366	98.9	
					RPD = 1.56	
25 4,4'-DDE						
1	6.792	6.792	0.0	26185985	100.2	
2	5.752	5.752	0.0	36137607	98.9	
					RPD = 1.32	
30 Dieldrin						
1	6.922	6.922	0.0	25331406	99.8	
2	6.217	6.217	0.0	37075189	99.0	
					RPD = 0.82	
20 Endrin						
1	7.128	7.128	0.0	21228306	99.0	
2	6.445	6.445	0.0	30389532	99.9	
					RPD = 0.92	
16 4,4'-DDD						
1	7.187	7.187	0.0	21383599	98.4	
2	6.501	6.501	0.0	31698833	100.4	
					RPD = 2.04	
11 Endosulfan II						
1	7.276	7.276	0.0	24212734	98.1	
2	6.624	6.624	0.0	32874531	100.0	
					RPD = 1.92	
21 4,4'-DDT						
1	7.422	7.422	0.0	21414733	104.7	
2	6.712	6.712	0.0	33472614	101.6	
					RPD = 2.98	
5 Endrin aldehyde						
1	7.532	7.532	0.0	19132590	96.8	
2	6.912	6.912	0.0	28931953	97.6	
					RPD = 0.87	
3 Endosulfan sulfate						
1	7.757	7.757	0.0	22918936	101.3	
2	7.193	7.193	0.0	33711119	98.8	
					RPD = 2.52	

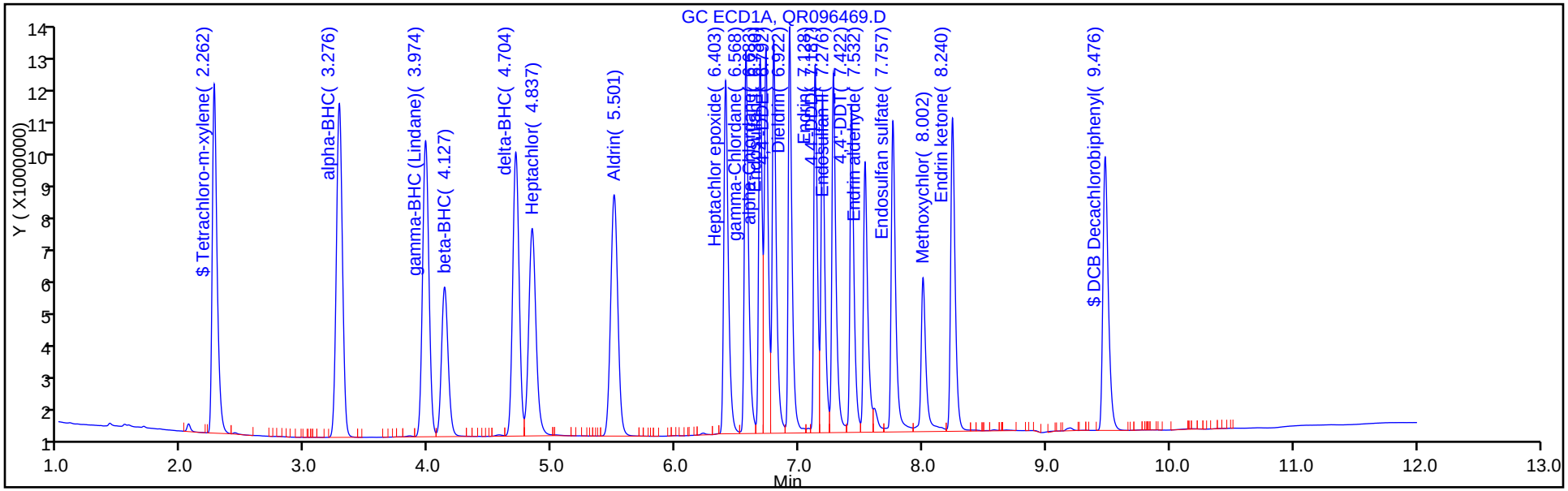
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	8.002	0.0	12648799	109.6	
2	7.035	7.035	0.0	19422556	103.8	
					RPD = 5.50	
13 Endrin ketone						
1	8.240	8.240	0.0	22821546	100.8	
2	7.391	7.391	0.0	35769708	99.1	
					RPD = 1.78	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.476	0.0	24168042	97.7	
2	8.232	8.232	0.0	36801643	95.5	
					RPD = 2.21	

Report Date: 12-Aug-2013 10:13:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096469.D		
Injection Date:	11-Aug-2013 10:45:28	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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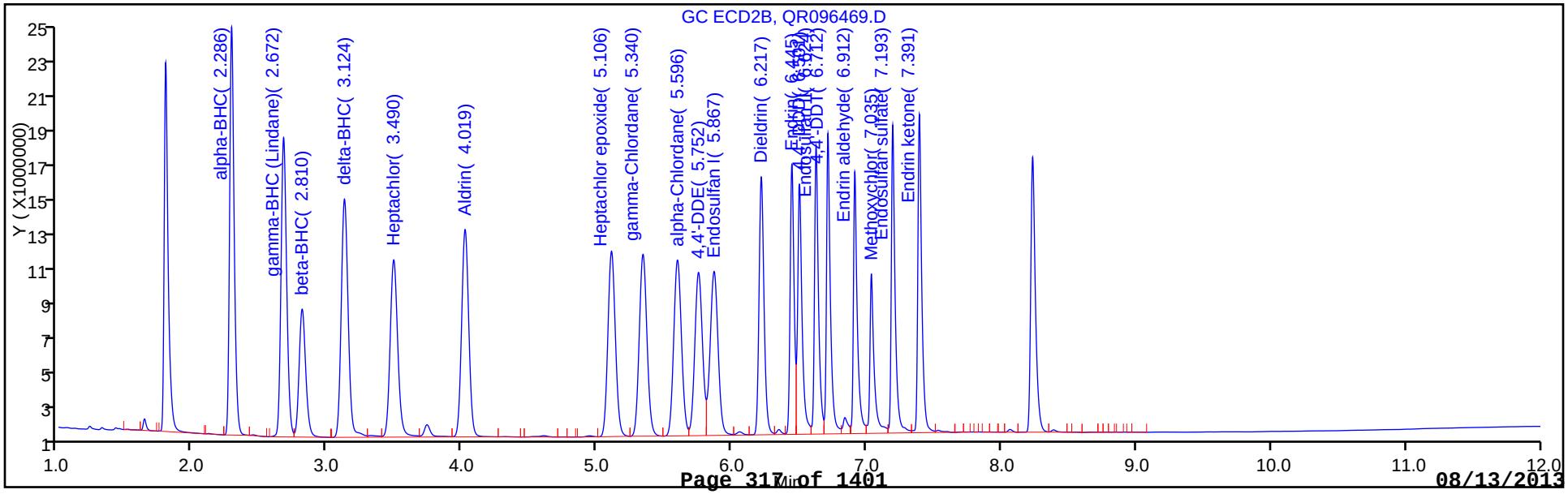


TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096470.D		
Lims ID:	STD L4	Client ID:	
Inject. Date:	11-Aug-2013 11:03:56	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0003430-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	175554	Lims Sample ID:	7
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:30	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:13:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.266	2.262	0.004	40617202	146.5	
2	1.797	1.797	0.0	61360103	140.7	
					RPD = 4.05	
15 alpha-BHC						
1	3.285	3.276	0.009	93009776	277.3	
2	2.286	2.286	0.0	133857126	245.5	
					RPD = 12.17	
2 gamma-BHC (Lindane)						
1	3.986	3.974	0.012	86231705	274.3	
2	2.673	2.672	0.001	123632666	249.0	
					RPD = 9.67	
6 beta-BHC						
1	4.141	4.127	0.014	43437794	252.9	
2	2.811	2.810	0.001	61792881	243.1	
					RPD = 3.94	
32 delta-BHC						
1	4.720	4.704	0.016	84333159	276.0	
2	3.126	3.124	0.002	125202388	260.3	
					RPD = 5.85	
18 Heptachlor						
1	4.852	4.837	0.015	69877163	276.1	
2	3.492	3.490	0.002	102056075	259.7	
					RPD = 6.15	
8 Aldrin						
1	5.518	5.501	0.017	78697346	265.4	
2	4.025	4.019	0.006	110680294	253.5	
					RPD = 4.58	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.411	6.403	0.008	67121920	250.9	
2	5.115	5.106	0.009	101141379	244.3	
					RPD = 2.68	
9 gamma-Chlordane						
1	6.574	6.568	0.006	67113362	254.0	
2	5.349	5.340	0.009	103859494	244.9	
					RPD = 3.64	
23 alpha-Chlordane						
1	6.688	6.683	0.005	52808171	246.8	
2	5.606	5.596	0.010	100187417	247.3	
					RPD = 0.22	
7 Endosulfan I						
1	6.735	6.730	0.005	63361089	254.9	
2	5.879	5.867	0.012	93933825	246.2	
					RPD = 3.47	
25 4,4'-DDE						
1	6.798	6.792	0.006	68058676	260.5	
2	5.763	5.752	0.011	95268372	260.8	
					RPD = 0.10	
30 Dieldrin						
1	6.926	6.922	0.004	64352260	253.6	
2	6.224	6.217	0.007	92879528	248.1	
					RPD = 2.22	
20 Endrin						
1	7.132	7.128	0.004	52960050	247.1	
2	6.449	6.445	0.004	72048731	237.0	
					RPD = 4.17	
16 4,4'-DDD						
1	7.192	7.187	0.005	56533225	260.0	
2	6.505	6.501	0.004	81132305	256.9	
					RPD = 1.20	
11 Endosulfan II						
1	7.281	7.276	0.005	59338342	240.5	
2	6.628	6.624	0.004	77864219	236.9	
					RPD = 1.49	
21 4,4'-DDT						
1	7.427	7.422	0.005	55841856	272.9	
2	6.716	6.712	0.004	82914906	251.6	
					RPD = 8.11	
5 Endrin aldehyde						
1	7.537	7.532	0.005	50696097	256.5	
2	6.914	6.912	0.002	68281673	230.4	
					RPD = 10.70	
3 Endosulfan sulfate						
1	7.763	7.757	0.006	55229023	244.1	
2	7.196	7.193	0.003	79198462	232.1	
					RPD = 5.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.007	8.002	0.005	27904803	241.8	
2	7.036	7.035	0.001	42405047	226.5	
					RPD = 6.54	
13 Endrin ketone						
1	8.246	8.240	0.006	58151789	257.0	
2	7.393	7.391	0.002	82715699	229.1	
					RPD = 11.48	
$ 24 DCB Decachlorobiphenyl						
1	9.481	9.476	0.005	36098571	145.9	
2	8.235	8.232	0.003	53791692	139.6	
					RPD = 4.37	

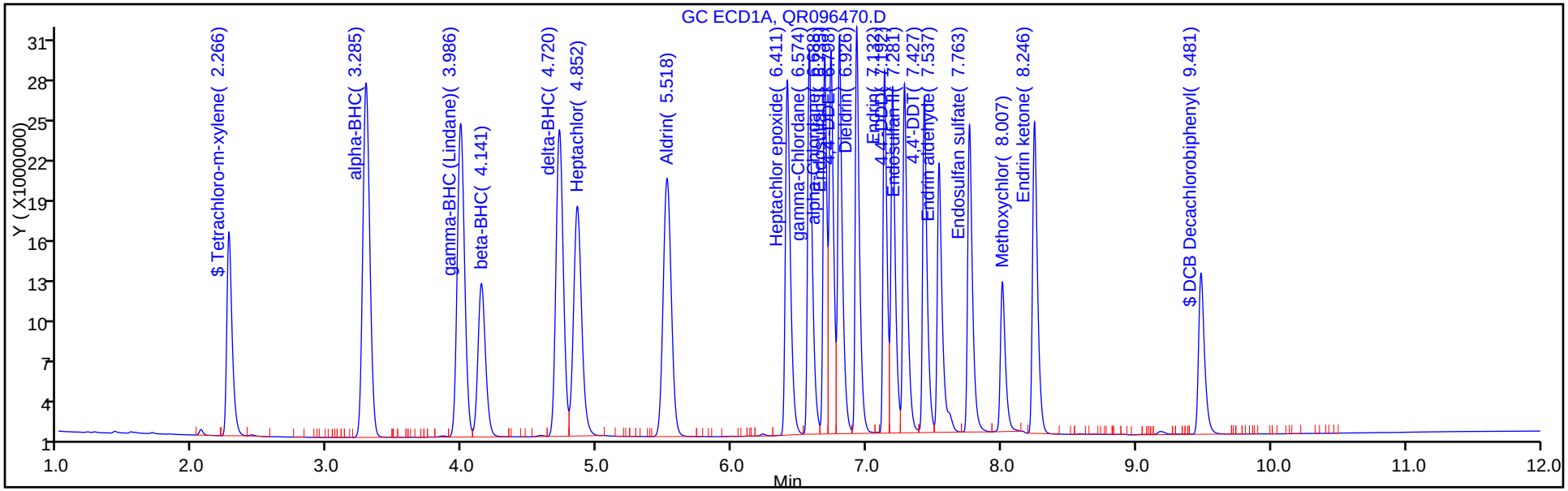
Report Date: 12-Aug-2013 10:13:30 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

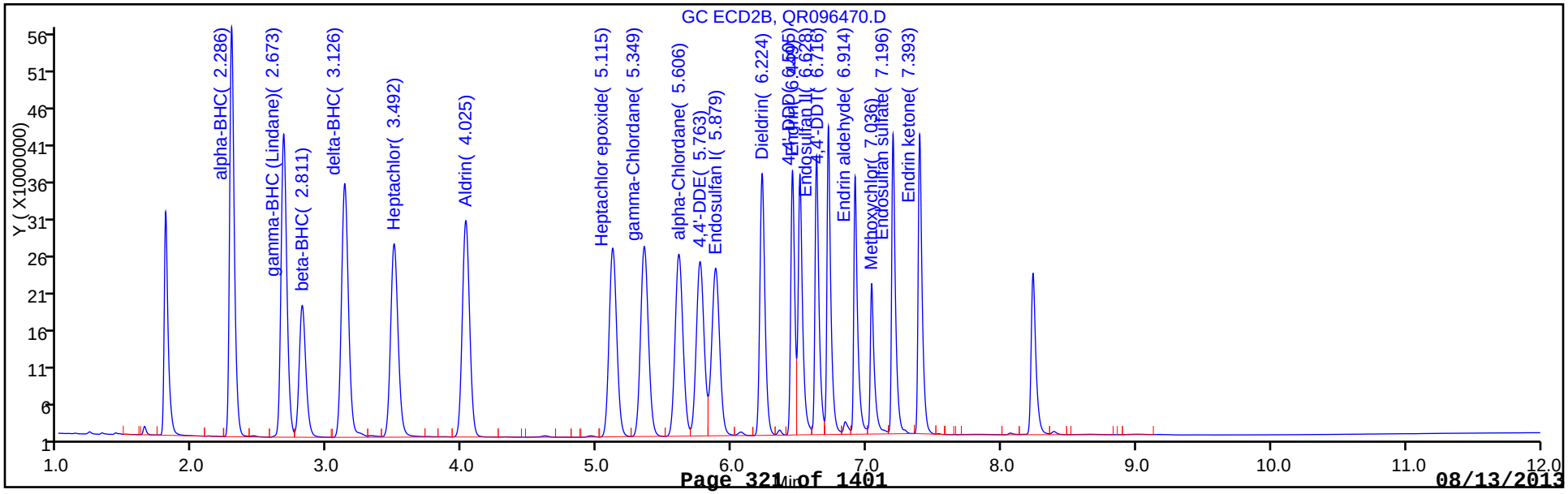
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096470.D

Injection Date:	11-Aug-2013 11:03:56	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096471.D		
Lims ID:	STD L5	Client ID:	
Inject. Date:	11-Aug-2013 11:20:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0003430-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	175554	Lims Sample ID:	8
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:42	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.264	2.262	0.002	54988754	198.3	
2	1.797	1.797	0.0	81562534	187.0	
					RPD = 5.88	
15 alpha-BHC						
1	3.279	3.276	0.003	194722032	580.6	
2	2.287	2.286	0.001	261230470	479.1	
					RPD = 19.15	
2 gamma-BHC (Lindane)						
1	3.982	3.974	0.008	177940103	566.0	
2	2.673	2.672	0.001	242332604	488.1	
					RPD = 14.79	
6 beta-BHC						
1	4.135	4.127	0.008	89107053	518.8	
2	2.811	2.810	0.001	121853769	479.5	
					RPD = 7.88	
32 delta-BHC						
1	4.713	4.704	0.009	176056791	576.1	
2	3.126	3.124	0.002	249237941	518.1	
					RPD = 10.60	
18 Heptachlor						
1	4.847	4.837	0.010	149537691	590.9	
2	3.493	3.490	0.003	206951496	526.5	
					RPD = 11.53	
8 Aldrin						
1	5.513	5.501	0.012	164670429	555.4	
2	4.024	4.019	0.005	220401018	504.9	
					RPD = 9.52	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.409	6.403	0.006	133391704	498.6	
2	5.115	5.106	0.009	196340037	474.2	
					RPD = 5.02	
9 gamma-Chlordane						
1	6.572	6.568	0.004	135295338	512.0	
2	5.350	5.340	0.010	205651970	485.0	
					RPD = 5.43	
23 alpha-Chlordane						
1	6.687	6.683	0.004	103892874	485.5	
2	5.606	5.596	0.010	198160249	489.2	
					RPD = 0.75	
7 Endosulfan I						
1	6.732	6.730	0.002	122054361	491.1	
2	5.879	5.867	0.012	180387297	472.9	
					RPD = 3.78	
25 4,4'-DDE						
1	6.796	6.792	0.004	134936471	516.6	
2	5.762	5.752	0.010	189899291	519.9	
					RPD = 0.63	
30 Dieldrin						
1	6.924	6.922	0.002	126298106	497.8	
2	6.223	6.217	0.006	178637820	477.1	
					RPD = 4.24	
20 Endrin						
1	7.131	7.128	0.003	103217634	481.5	
2	6.449	6.445	0.004	135337262	445.1	
					RPD = 7.86	
16 4,4'-DDD						
1	7.190	7.187	0.003	114412275	526.3	
2	6.504	6.501	0.003	158679866	502.5	
					RPD = 4.62	
11 Endosulfan II						
1	7.278	7.276	0.002	114524126	464.1	
2	6.627	6.624	0.003	146194365	444.8	
					RPD = 4.25	
21 4,4'-DDT						
1	7.425	7.422	0.003	113109729	552.8	
2	6.715	6.712	0.003	163475804	496.1	
					RPD = 10.81	
5 Endrin aldehyde						
1	7.535	7.532	0.003	98388591	497.7	
2	6.914	6.912	0.002	129612822	437.4	
					RPD = 12.91	
3 Endosulfan sulfate						
1	7.761	7.757	0.004	110756139	489.6	
2	7.196	7.193	0.003	150324545	440.5	
					RPD = 10.55	

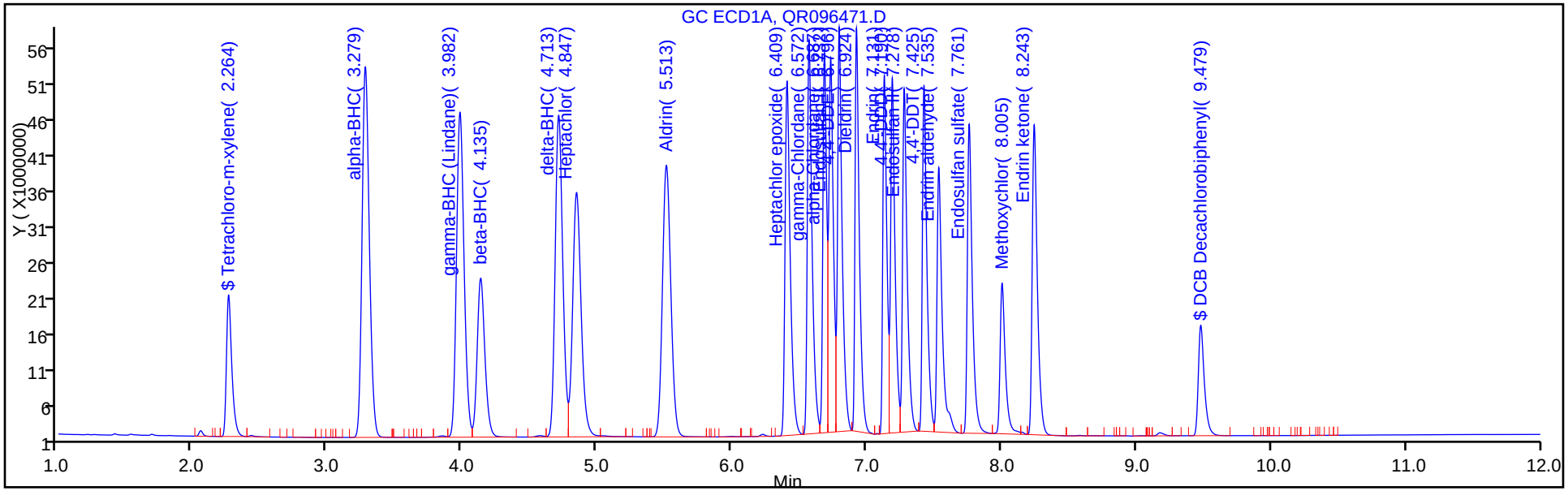
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.005	8.002	0.003	57138262	495.2	
2	7.037	7.035	0.002	79223958	423.2	
					RPD = 15.67	
13 Endrin ketone						
1	8.243	8.240	0.003	115742522	511.4	
2	7.392	7.391	0.001	154124791	426.8	
					RPD = 18.03	
$ 24 DCB Decachlorobiphenyl						
1	9.479	9.476	0.003	48054409	194.2	
2	8.234	8.232	0.002	71667011	186.0	
					RPD = 4.29	

Report Date: 12-Aug-2013 10:13:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096471.D		
Injection Date:	11-Aug-2013 11:20:42	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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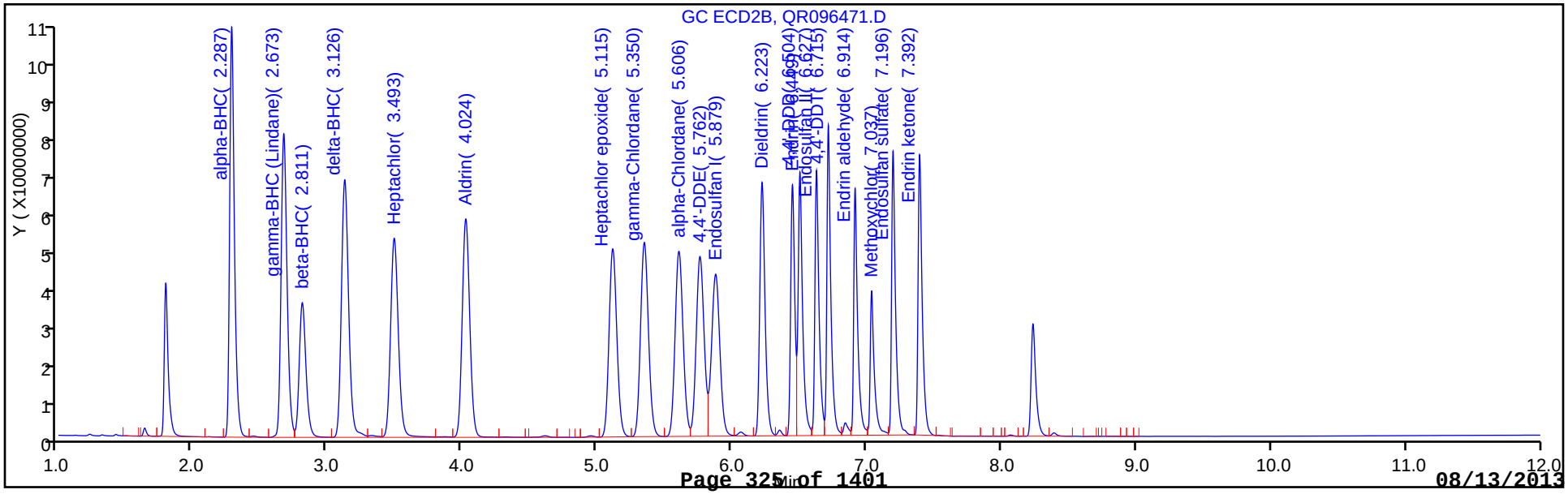


FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27484

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.284	2.286	2.286	2.286	2.287						2.234 - 2.334	2.286
gamma-BHC (Lindane)	2.669	2.671	2.672	2.673	2.673						2.619 - 2.719	2.672
beta-BHC	2.807	2.809	2.810	2.811	2.811						2.757 - 2.857	2.810
delta-BHC	3.119	3.124	3.124	3.126	3.126						3.069 - 3.169	3.124
Heptachlor	3.486	3.489	3.490	3.492	3.493						3.436 - 3.536	3.490
Aldrin	4.014	4.019	4.019	4.025	4.024						3.964 - 4.064	4.020
Heptachlor epoxide	5.102	5.109	5.106	5.115	5.115						5.032 - 5.172	5.109
gamma-Chlordane	5.334	5.343	5.340	5.349	5.350						5.264 - 5.404	5.343
alpha-Chlordane	5.592	5.599	5.596	5.606	5.606						5.522 - 5.662	5.600
4,4'-DDE	5.750	5.755	5.752	5.763	5.762						5.680 - 5.820	5.756
Endosulfan I	5.863	5.871	5.867	5.879	5.879						5.793 - 5.933	5.872
Dieldrin	6.214	6.219	6.217	6.224	6.223						6.144 - 6.284	6.219
Endrin	6.443	6.446	6.445	6.449	6.449						6.373 - 6.513	6.446
4,4'-DDD	6.499	6.502	6.501	6.505	6.504						6.429 - 6.569	6.502
Endosulfan II	6.623	6.625	6.624	6.628	6.627						6.553 - 6.693	6.625
4,4'-DDT	6.711	6.714	6.712	6.716	6.715						6.641 - 6.781	6.714
Endrin aldehyde	6.910	6.913	6.912	6.914	6.914						6.840 - 6.980	6.913
Methoxychlor	7.034	7.035	7.035	7.036	7.037						6.964 - 7.104	7.035
Endosulfan sulfate	7.192	7.194	7.193	7.196	7.196						7.122 - 7.262	7.194
Endrin ketone	7.389	7.391	7.391	7.393	7.392						7.319 - 7.459	7.391
Tetrachloro-m-xylene	1.797	1.797	1.797	1.797	1.797						1.747 - 1.847	1.797
DCB Decachlorobiphenyl	8.231	8.233	8.232	8.235	8.234						8.131 - 8.331	8.233

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27484

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	599767 522461	536888	531859	535429	Ave		545280.723				5.7		20.0			
gamma-BHC (Lindane)	525891 484665	489429	487915	494531	Ave		496486.208				3.4		20.0			
beta-BHC	284551 243708	250639	244627	247172	Ave		254139.352				6.8		20.0			
delta-BHC	463513 498476	465882	476515	500810	Ave		481039.069				3.7		20.0			
Heptachlor	386762 413903	368267	388099	408224	Ave		393051.236				4.7		20.0			
Aldrin	453605 440802	419929	425573	442721	Ave		436525.926				3.1		20.0			
Heptachlor epoxide	467337 392680	406053	399716	404566	Ave		414070.474				7.3		20.0			
gamma-Chlordane	479380 411304	408916	405119	415438	Ave		424031.451				7.4		20.0			
alpha-Chlordane	438674 396320	395487	394096	400750	Ave		405065.383				4.7		20.0			
4,4'-DDE	353755 379799	350457	361376	381073	Ave		365291.932				3.9		20.0			
Endosulfan I	416334 360775	377378	377154	375735	Ave		381475.079				5.4		20.0			
Dieldrin	403652 357276	368929	370752	371518	Ave		374425.196				4.6		20.0			
Endrin	349240 270675	308241	303895	288195	Ave		304049.214				9.6		20.0			
4,4'-DDD	307757 317360	312215	316988	324529	Ave		315769.736				2.0		20.0			
Endosulfan II	372442 292389	338413	328745	311457	Ave		328689.103				9.2		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27484

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	322603 326952	331593	334726	331660	Ave		329506.766				1.4		20.0			
Endrin aldehyde	358080 259226	301954	289320	273127	Ave		296341.185				13.0		20.0			
Methoxychlor	205927 158448	207772	194226	169620	Ave		187198.505				12.0		20.0			
Endosulfan sulfate	403591 300649	348009	337111	316794	Ave		341230.846				12.0		20.0			
Endrin ketone	438327 308250	370329	357697	330863	Ave		361093.092				14.0		20.0			
Tetrachloro-m-xylene	503190 407813	440199	420992	409067	Ave		436252.271				9.1		20.0			
DCB Decachlorobiphenyl	447676 358335	393769	368016	358611	Ave		385281.405				9.8		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 10:13 Calibration End Date: 08/11/2013 11:20 Calibration ID: 27484

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD 460-175554/4	QR096467.D
Level 2	STD 460-175554/5	QR096468.D
Level 3	STD 460-175554/6	QR096469.D
Level 4	STD 460-175554/7	QR096470.D
Level 5	STD 460-175554/8	QR096471.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	Ave	2998835	26844420	53185877	133857126	261230470	5.00	50.0	100	250	500
gamma-BHC (Lindane)	Ave	2629456	24471455	48791487	123632666	242332604	5.00	50.0	100	250	500
beta-BHC	Ave	1422756	12531953	24462744	61792881	121853769	5.00	50.0	100	250	500
delta-BHC	Ave	2317567	23294090	47651471	125202388	249237941	5.00	50.0	100	250	500
Heptachlor	Ave	1933811	18413371	38809927	102056075	206951496	5.00	50.0	100	250	500
Aldrin	Ave	2268026	20996428	42557266	110680294	220401018	5.00	50.0	100	250	500
Heptachlor epoxide	Ave	2336687	20302657	39971624	101141379	196340037	5.00	50.0	100	250	500
gamma-Chlordane	Ave	2396901	20445811	40511892	103859494	205651970	5.00	50.0	100	250	500
alpha-Chlordane	Ave	2193370	19774346	39409583	100187417	198160249	5.00	50.0	100	250	500
4,4'-DDE	Ave	1768775	17522826	36137607	95268372	189899291	5.00	50.0	100	250	500
Endosulfan I	Ave	2081669	18868902	37715366	93933825	180387297	5.00	50.0	100	250	500
Dieldrin	Ave	2018259	18446427	37075189	92879528	178637820	5.00	50.0	100	250	500
Endrin	Ave	1746202	15412045	30389532	72048731	135337262	5.00	50.0	100	250	500
4,4'-DDD	Ave	1538783	15610740	31698833	81132305	158679866	5.00	50.0	100	250	500
Endosulfan II	Ave	1862210	16920630	32874531	77864219	146194365	5.00	50.0	100	250	500
4,4'-DDT	Ave	1613015	16579673	33472614	82914906	163475804	5.00	50.0	100	250	500
Endrin aldehyde	Ave	1790400	15097703	28931953	68281673	129612822	5.00	50.0	100	250	500
Methoxychlor	Ave	1029634	10388603	19422556	42405047	79223958	5.00	50.0	100	250	500
Endosulfan sulfate	Ave	2017954	17400465	33711119	79198462	150324545	5.00	50.0	100	250	500
Endrin ketone	Ave	2191633	18516470	35769708	82715699	154124791	5.00	50.0	100	250	500
Tetrachloro-m-xylene	Ave	6289877	22009962	42099193	61360103	81562534	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	5595945	19688433	36801643	53791692	71667011	12.5	50.0	100	150	200

Curve Type Legend:
Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Lims ID:	STD L1	Client ID:	
Inject. Date:	11-Aug-2013 10:13:48	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	1
Sample ID:	460-0003430-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	175554	Lims Sample ID:	4
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:33	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 08:52:28

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.259	2.259	0.0	3604949	13.0	
2	1.797	1.797	0.0	6289877	14.4	
					RPD = 10.35	
15 alpha-BHC						
1	3.266	3.266	0.0	1411252	4.21	
2	2.284	2.284	0.0	2998835	5.50	
					RPD = 26.62	
2 gamma-BHC (Lindane)						
1	3.965	3.965	0.0	1389054	4.42	
2	2.669	2.669	0.0	2629456	5.30	
					RPD = 18.07	
6 beta-BHC						
1	4.121	4.121	0.0	914112	5.32	
2	2.807	2.807	0.0	1422756	5.60	
					RPD = 5.06	
32 delta-BHC						
1	4.694	4.694	0.0	1352915	4.43	
2	3.119	3.119	0.0	2317567	4.82	
					RPD = 8.45	
18 Heptachlor						
1	4.828	4.828	0.0	1078753	4.26	
2	3.486	3.486	0.0	1933811	4.92	
					RPD = 14.31	
8 Aldrin						
1	5.492	5.492	0.0	1445296	4.87	
2	4.014	4.014	0.0	2268026	5.20	
					RPD = 6.38	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.399	6.399	0.0	1434222	5.36	
2	5.102	5.102	0.0	2336687	5.64	
					RPD = 5.13	
9 gamma-Chlordane						
1	6.564	6.564	0.0	1348768	5.10	
2	5.334	5.334	0.0	2396901	5.65	
					RPD = 10.19	
23 alpha-Chlordane						
1	6.679	6.679	0.0	1154044	5.39	
2	5.592	5.592	0.0	2193370	5.41	
					RPD = 0.40	
7 Endosulfan I						M
1	6.726	6.726	0.0	1274820	5.13	
2	5.863	5.863	0.0	2081669	5.46	M
					RPD = 6.19	
25 4,4'-DDE						M
1	6.789	6.789	0.0	1308771	5.01	
2	5.750	5.750	0.0	1768775	4.84	M
					RPD = 3.42	
30 Dieldrin						
1	6.917	6.917	0.0	1363535	5.37	
2	6.214	6.214	0.0	2018259	5.39	
					RPD = 0.30	
20 Endrin						M
1	7.124	7.124	0.0	1189101	5.55	
2	6.443	6.443	0.0	1746202	5.74	M
					RPD = 3.47	
16 4,4'-DDD						M
1	7.184	7.184	0.0	1100656	5.06	
2	6.499	6.499	0.0	1538783	4.87	M
					RPD = 3.82	
11 Endosulfan II						M
1	7.273	7.273	0.0	1452297	5.89	
2	6.623	6.623	0.0	1862210	5.67	M
					RPD = 3.80	
21 4,4'-DDT						M
1	7.419	7.419	0.0	858391	4.20	
2	6.711	6.711	0.0	1613015	4.90	M
					RPD = 15.40	
5 Endrin aldehyde						M
1	7.529	7.529	0.0	1036133	5.24	
2	6.910	6.910	0.0	1790400	6.04	M
					RPD = 14.18	
3 Endosulfan sulfate						M
1	7.754	7.754	0.0	1205719	5.33	
2	7.192	7.192	0.0	2017954	5.91	M
					RPD = 10.39	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						M
1	7.999	7.999	0.0	553369	4.80	
2	7.034	7.034	0.0	1029634	5.50	M
					RPD = 13.68	
13 Endrin ketone						M
1	8.237	8.237	0.0	1104395	4.88	
2	7.389	7.389	0.0	2191633	6.07	M
					RPD = 21.73	
$ 24 DCB Decachlorobiphenyl						
1	9.474	9.474	0.0	3302208	13.3	
2	8.231	8.231	0.0	5595945	14.5	
					RPD = 8.48	

QC Flag Legend

Review Flags
M - Manually Integrated

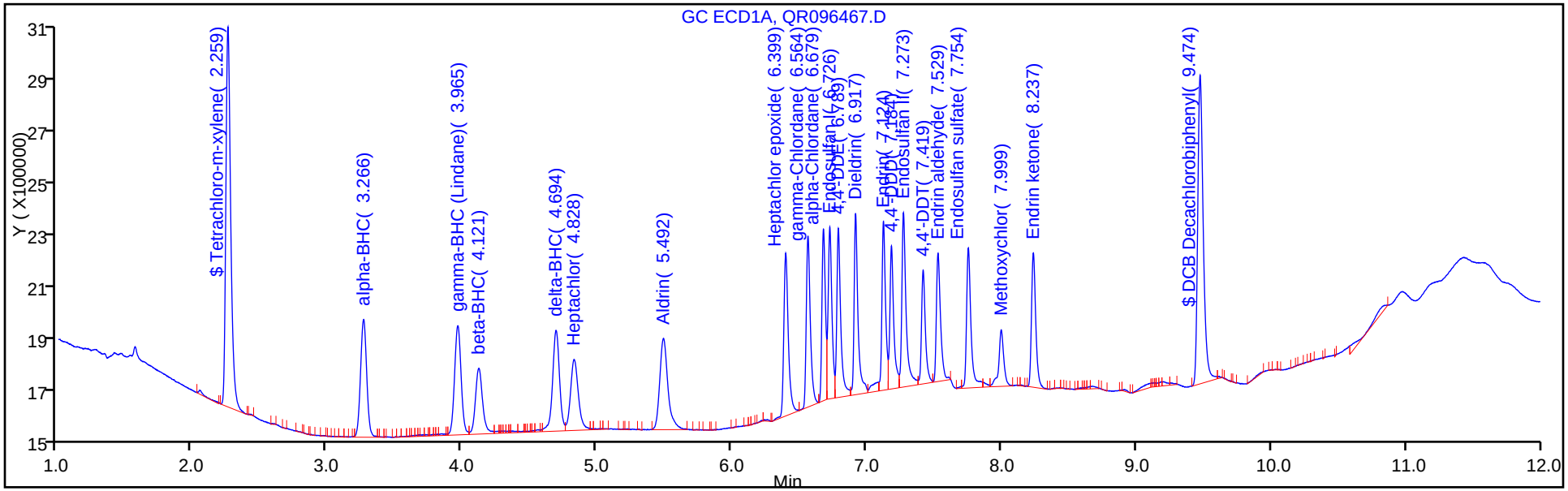
Report Date: 12-Aug-2013 10:13:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

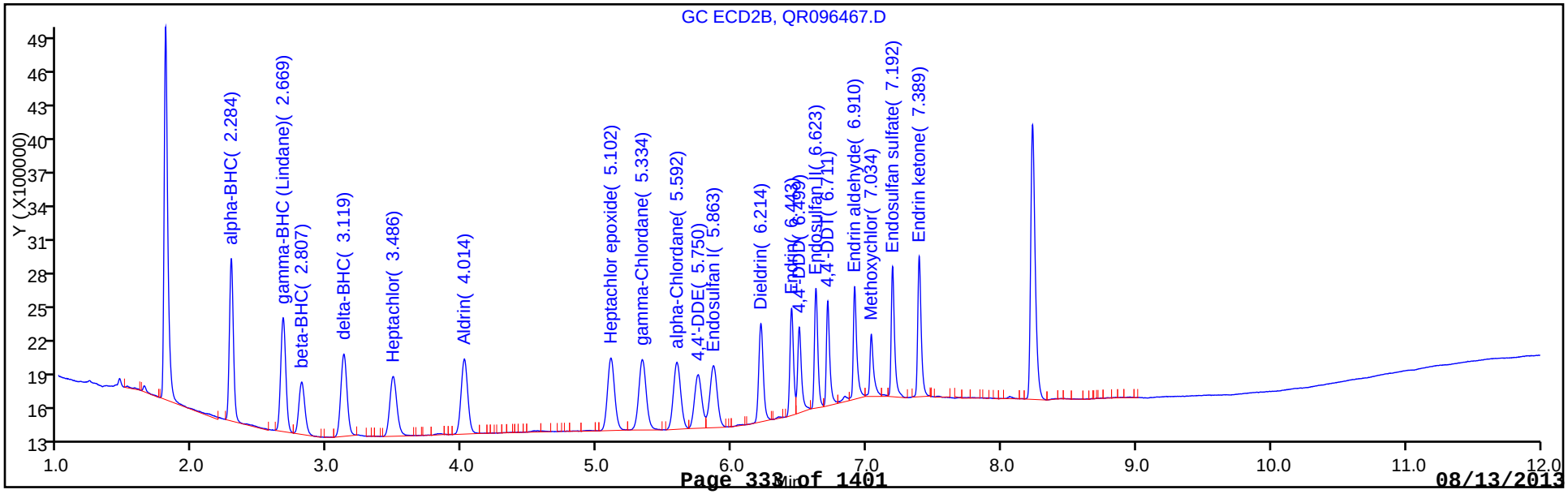
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D

Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

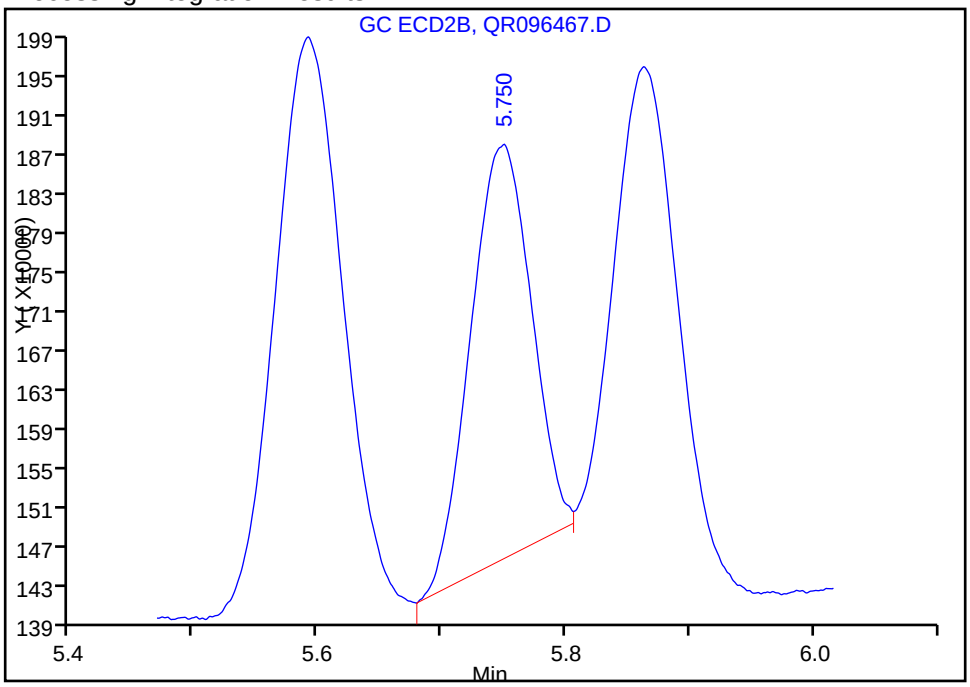
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 2, Type: quant, RT: 5.75, Det: GC ECD2B

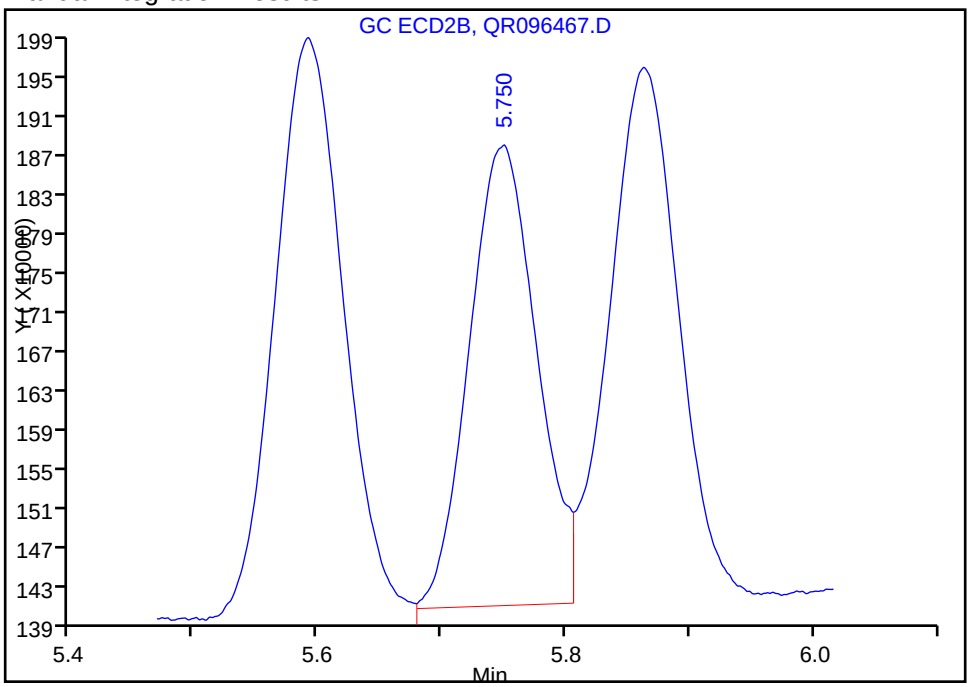
Processing Integration Results

RT: 5.75
Response: 1444700
Amount: 4.100430



Manual Integration Results

RT: 5.75
Response: 1768775
Amount: 4.842086



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

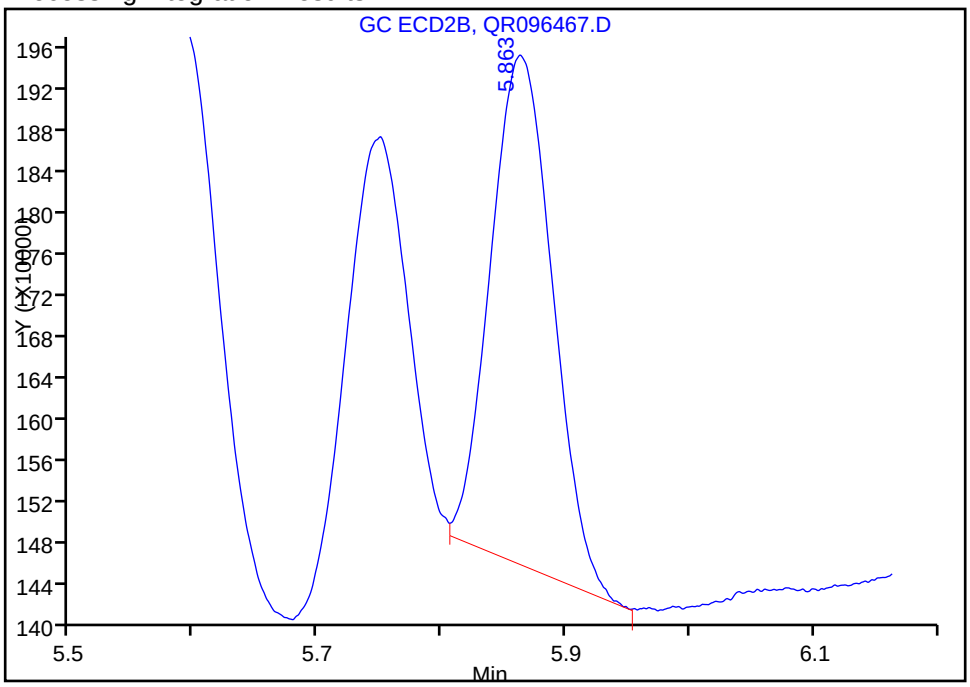
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 2, Type: quant, RT: 5.86, Det: GC ECD2B

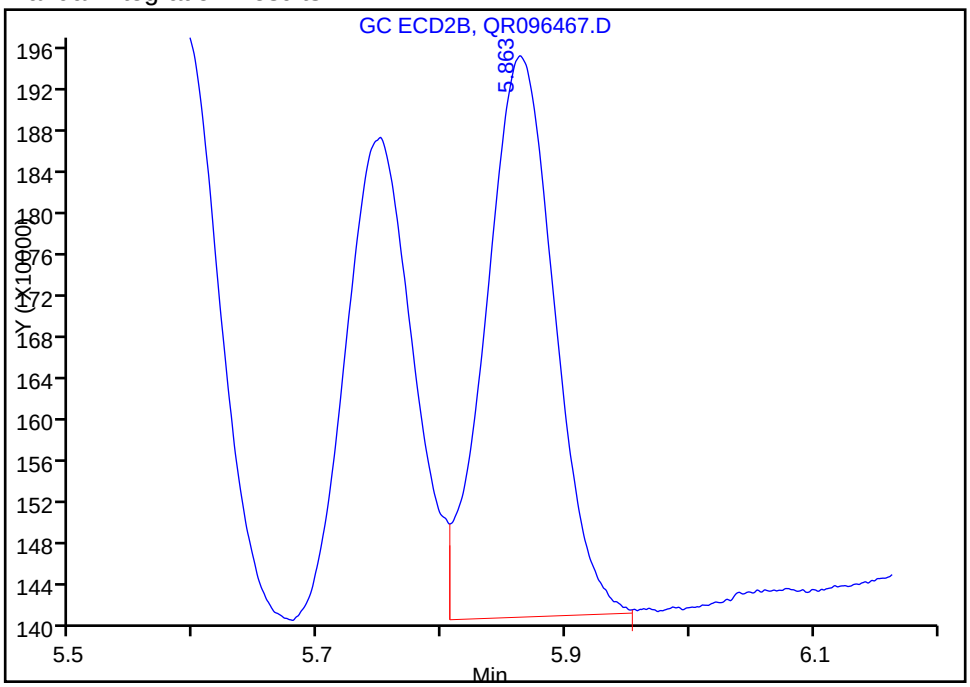
Processing Integration Results

RT: 5.86
Response: 1718868
Amount: 4.684036



Manual Integration Results

RT: 5.86
Response: 2081669
Amount: 5.456894



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

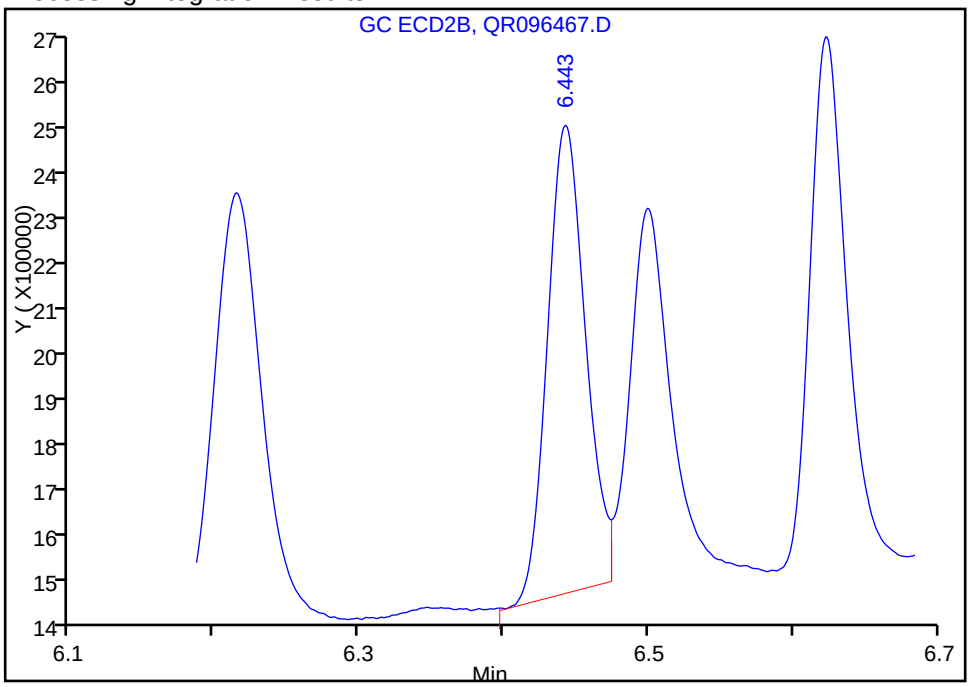
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 2, Type: quant, RT: 6.44, Det: GC ECD2B

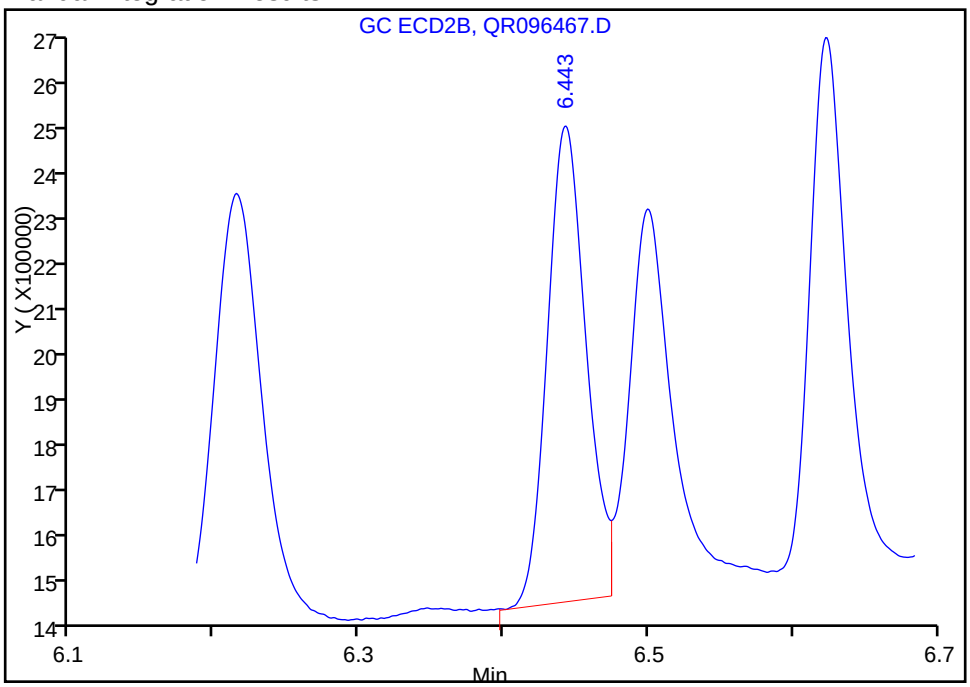
Processing Integration Results

RT: 6.44
Response: 1687108
Amount: 5.592275



Manual Integration Results

RT: 6.44
Response: 1746202
Amount: 5.743156



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

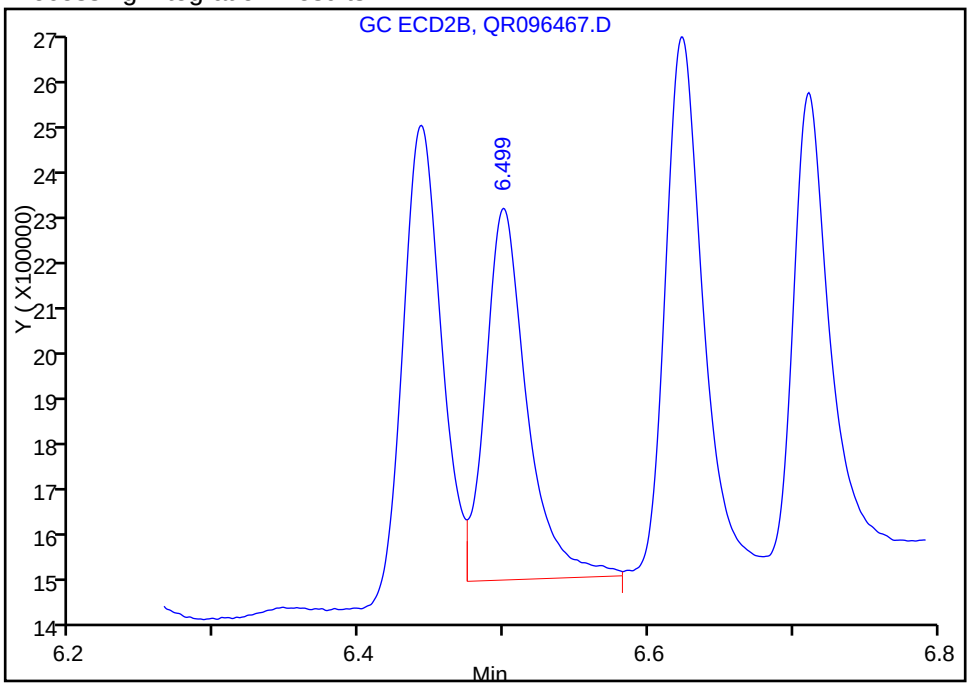
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 2, Type: quant, RT: 6.50, Det: GC ECD2B

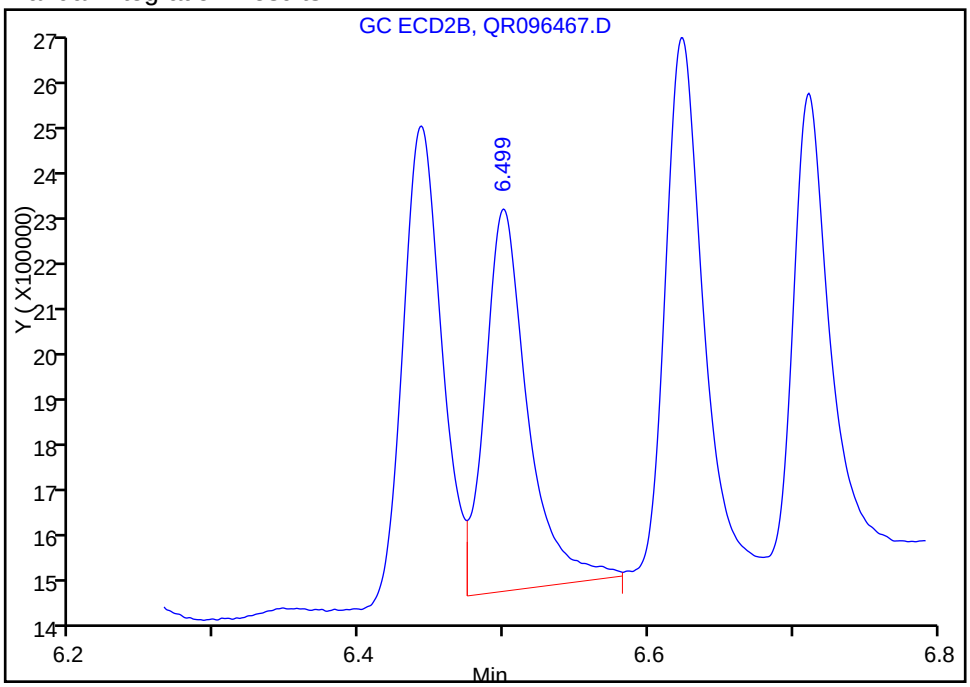
Processing Integration Results

RT: 6.50
Response: 1453850
Amount: 4.654220



Manual Integration Results

RT: 6.50
Response: 1538783
Amount: 4.873117



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

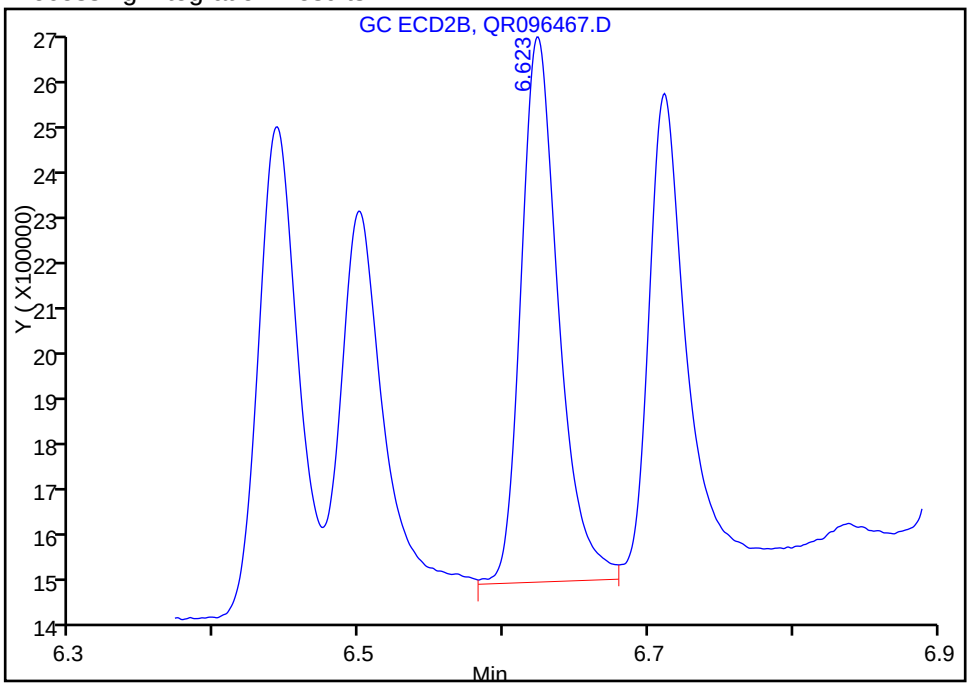
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 2, Type: quant, RT: 6.62, Det: GC ECD2B

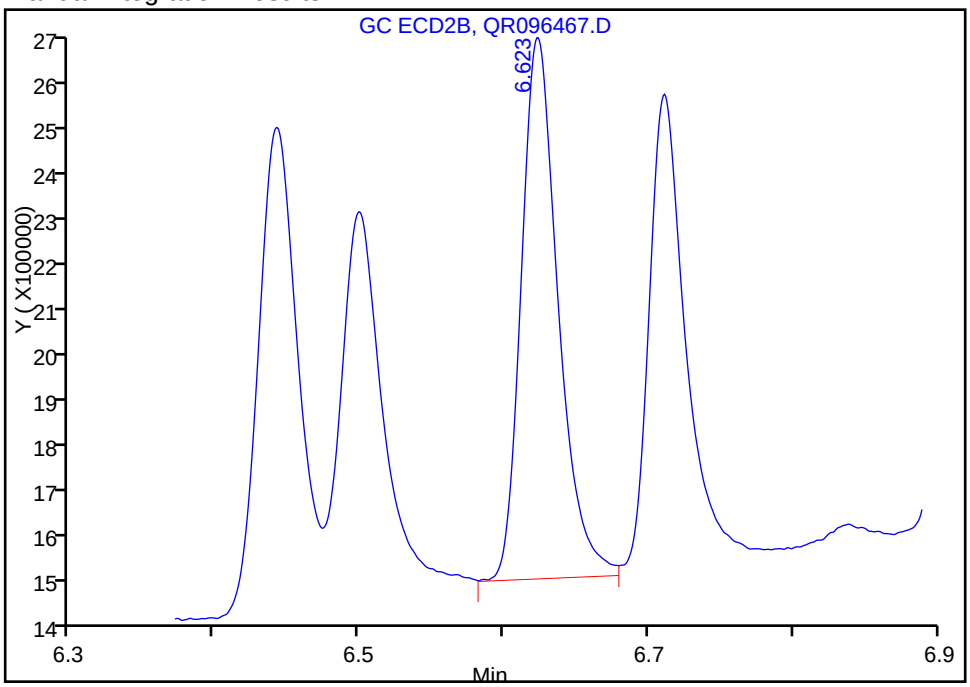
Processing Integration Results

RT: 6.62
Response: 1907021
Amount: 5.770431



Manual Integration Results

RT: 6.62
Response: 1862210
Amount: 5.665567



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

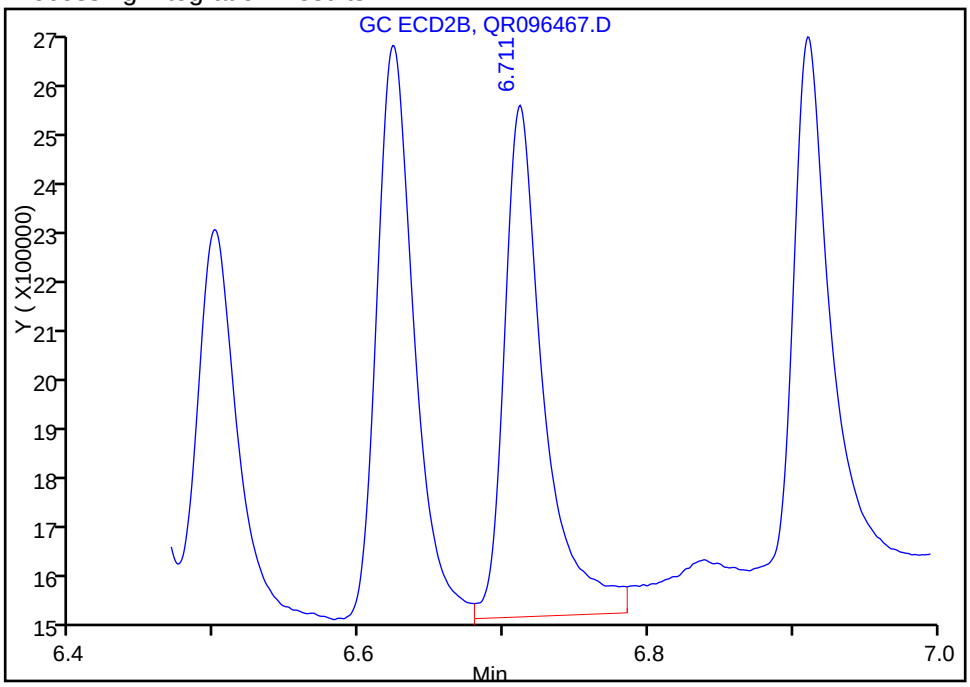
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 2, Type: quant, RT: 6.71, Det: GC ECD2B

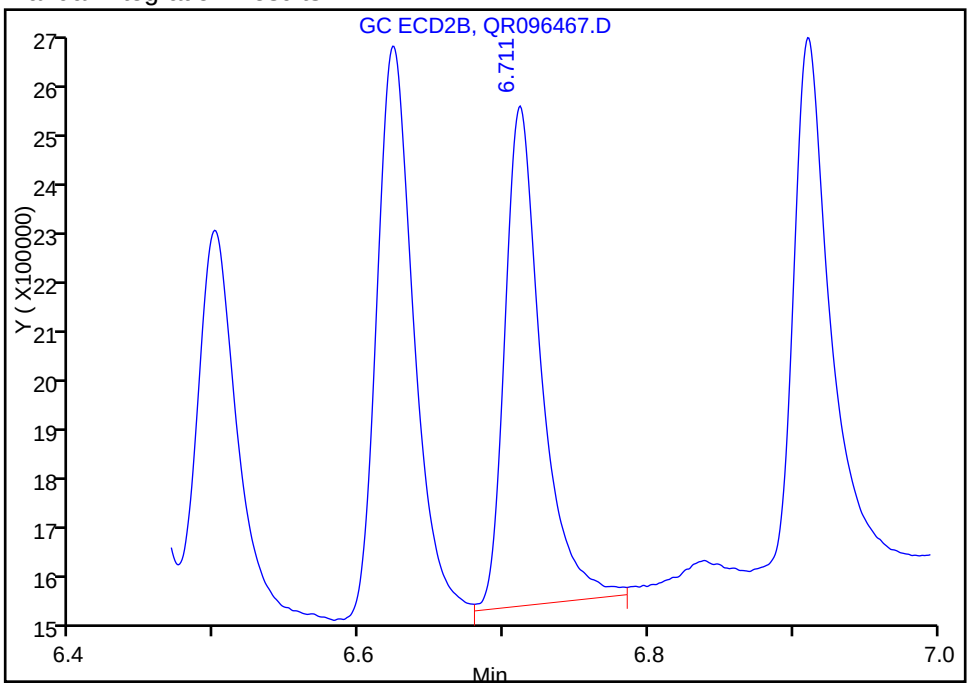
Processing Integration Results

RT: 6.71
Response: 1771460
Amount: 5.274642



Manual Integration Results

RT: 6.71
Response: 1613015
Amount: 4.895241



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

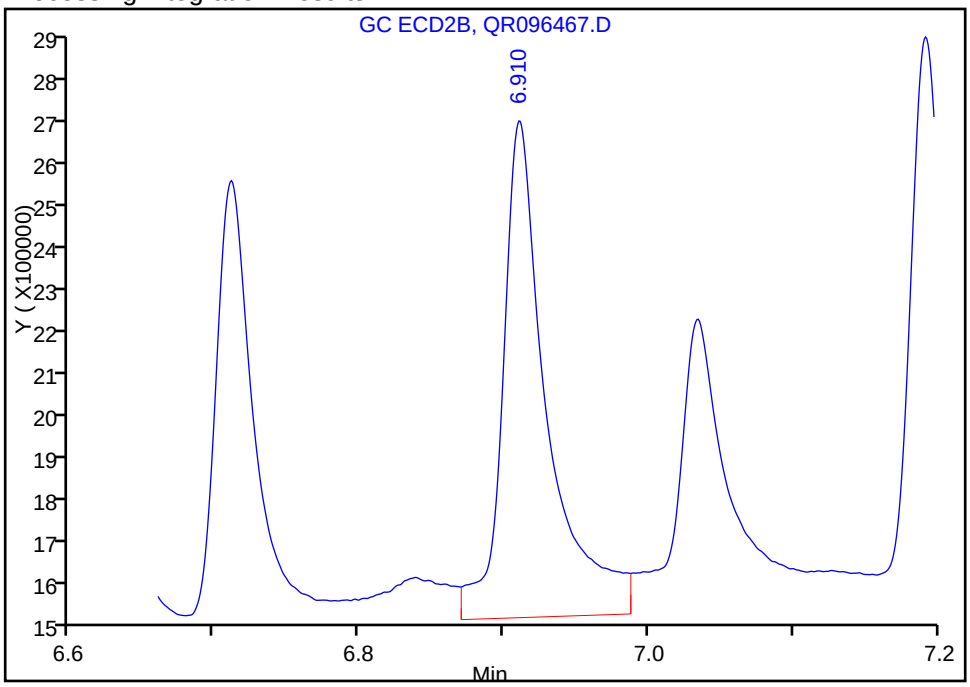
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 2, Type: quant, RT: 6.91, Det: GC ECD2B

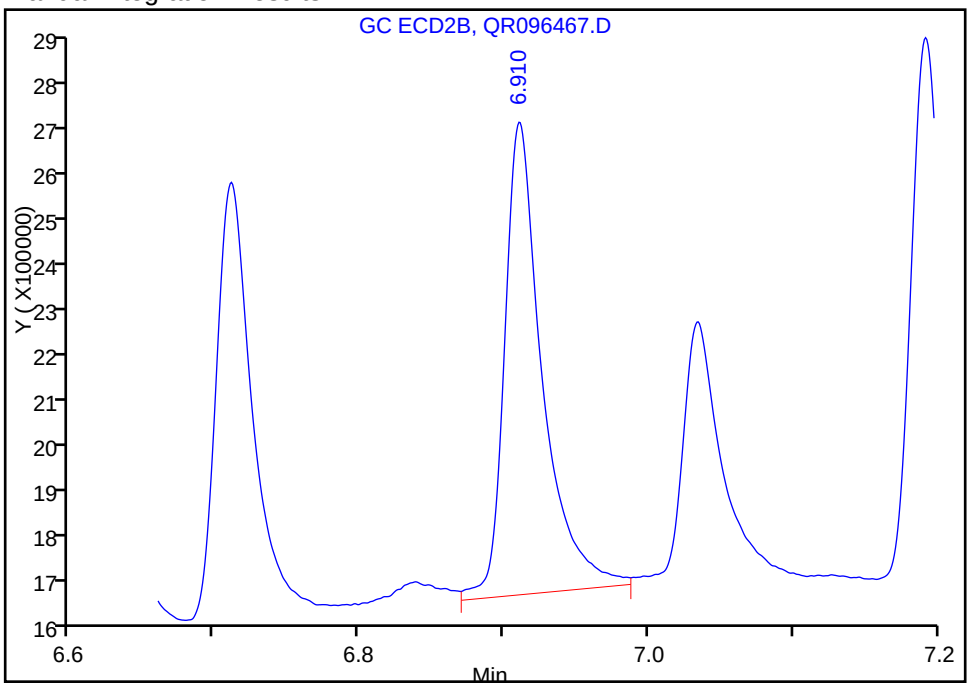
Processing Integration Results

RT: 6.91
Response: 2216403
Amount: 4.349235



Manual Integration Results

RT: 6.91
Response: 1790400
Amount: 6.041685



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

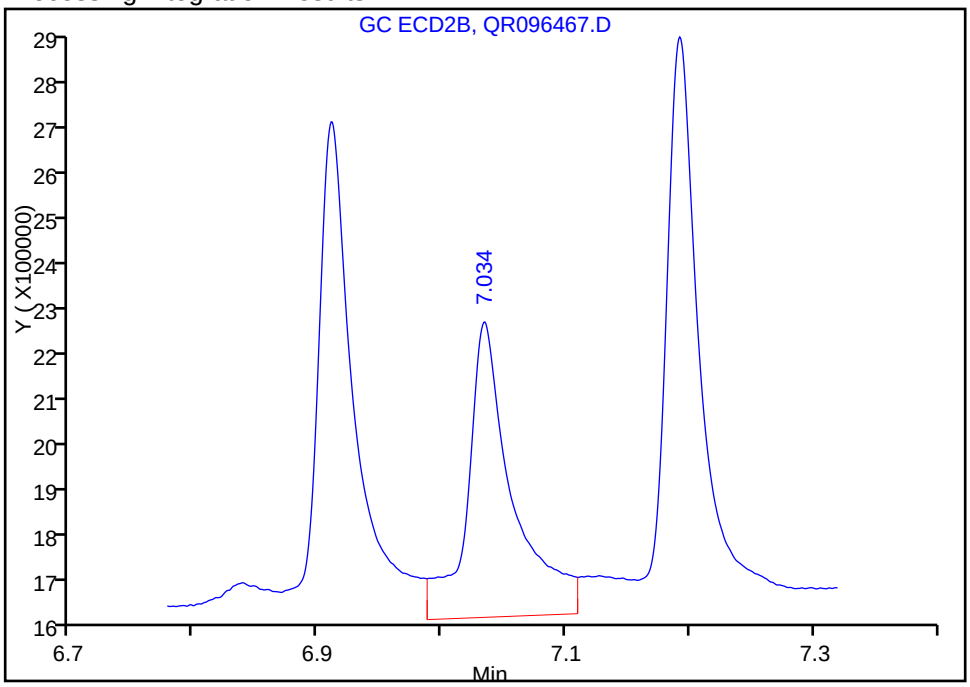
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

10 Methoxychlor, Signal: 2, Type: quant, RT: 7.03, Det: GC ECD2B

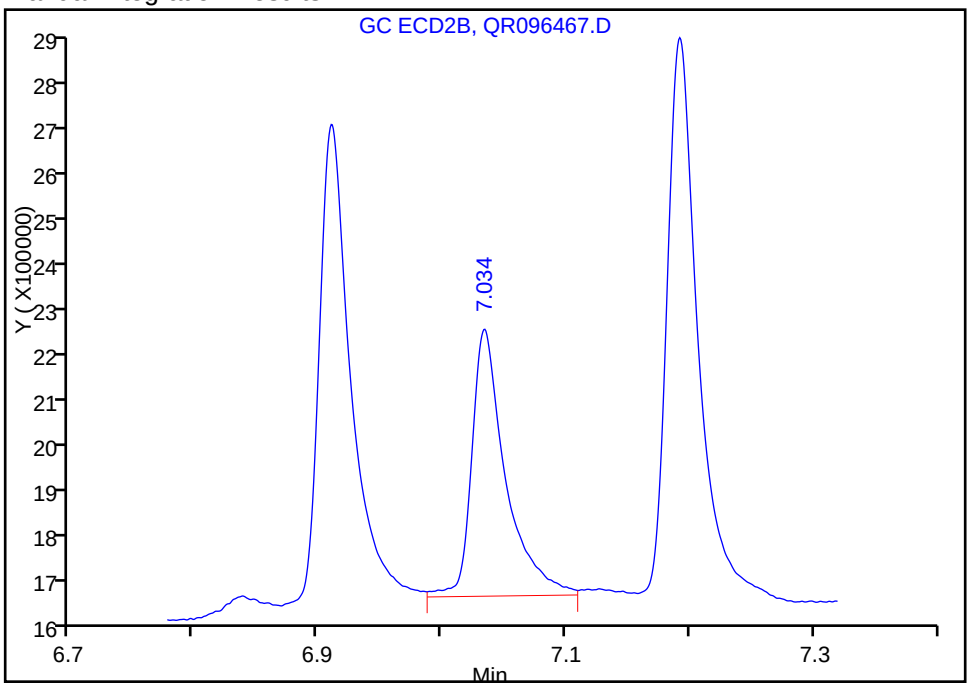
Processing Integration Results

RT: 7.03
Response: 1542371
Amount: 1.487297



Manual Integration Results

RT: 7.03
Response: 1029634
Amount: 5.500226



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 12-Aug-2013 10:13:34 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

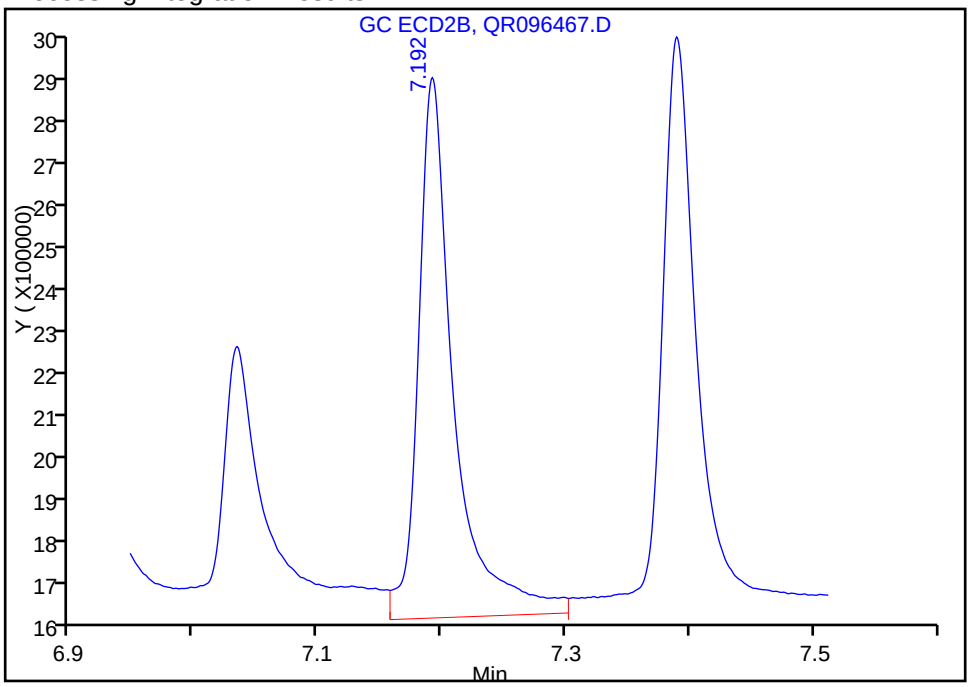
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 2, Type: quant, RT: 7.19, Det: GC ECD2B

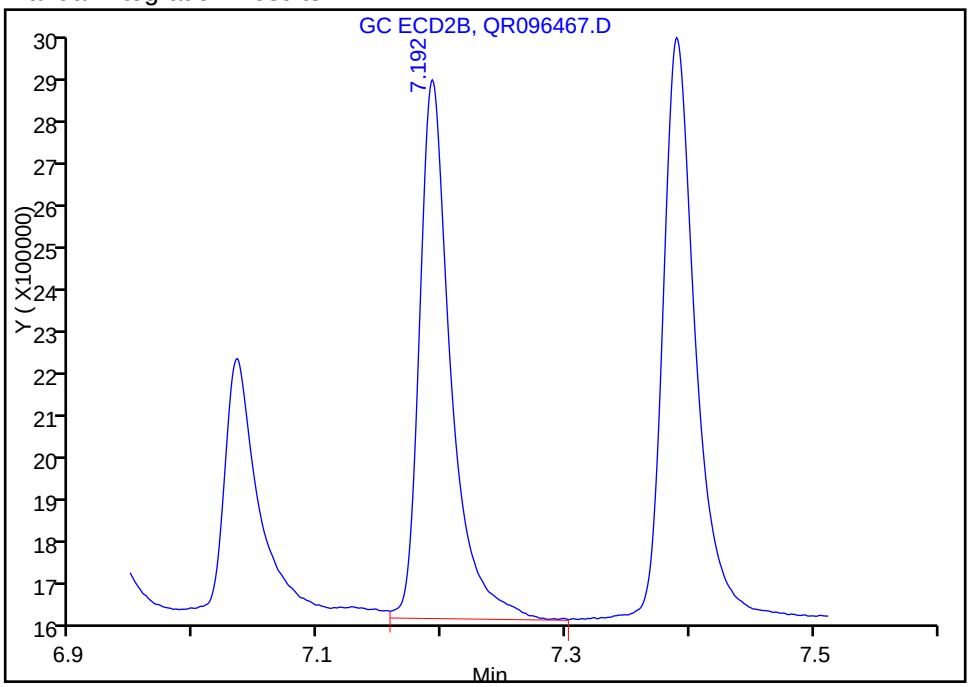
Processing Integration Results

RT: 7.19
Response: 2364213
Amount: 6.658232



Manual Integration Results

RT: 7.19
Response: 2017954
Amount: 5.913750



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

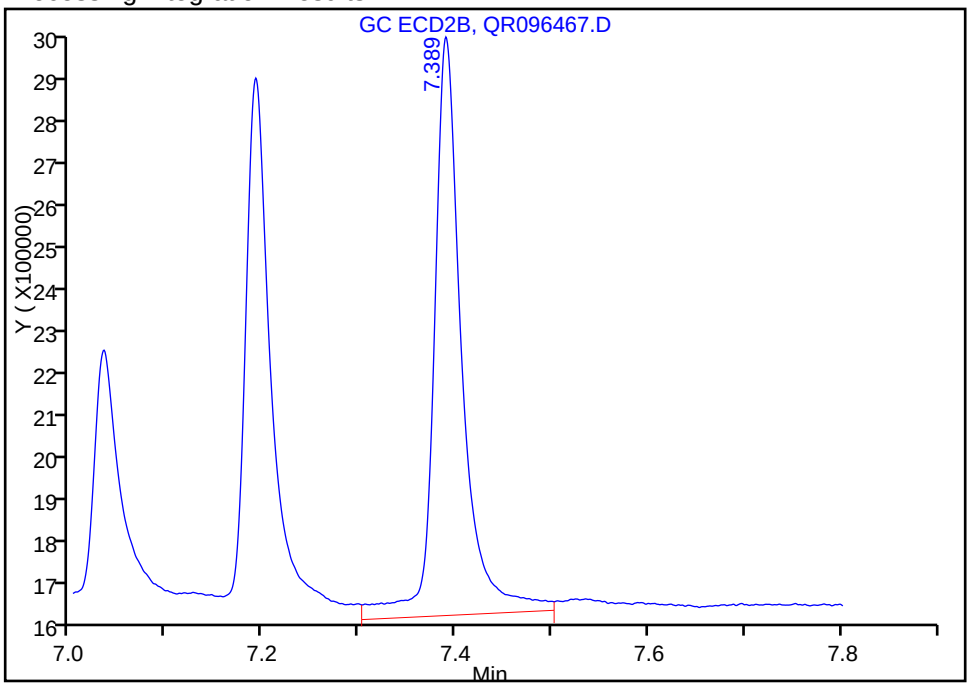
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096467.D		
Injection Date:	11-Aug-2013 10:13:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

13 Endrin ketone, Signal: 2, Type: quant, RT: 7.39, Det: GC ECD2B

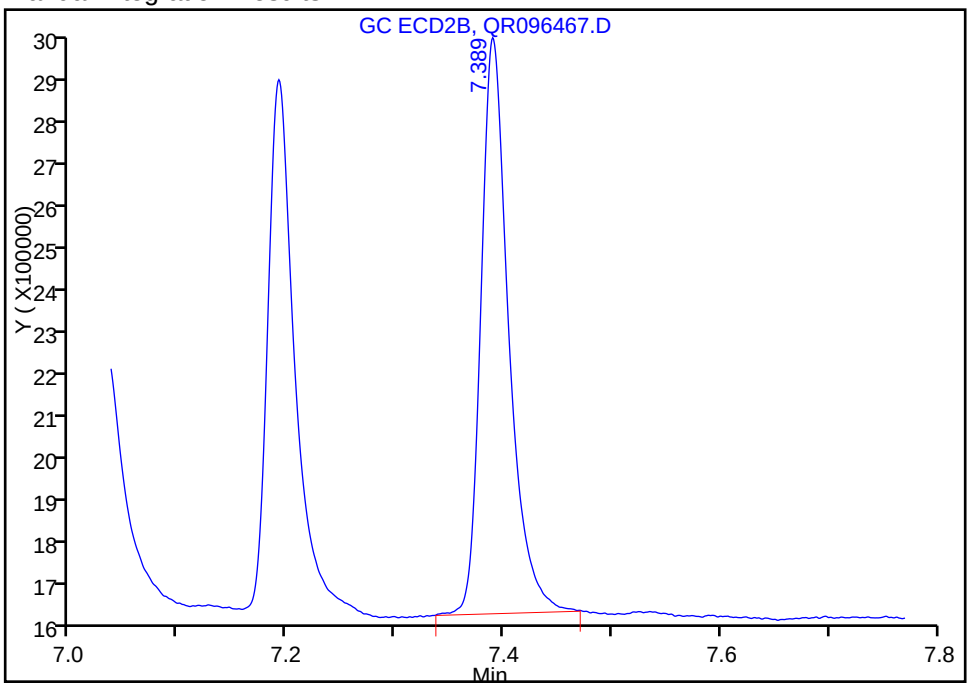
Processing Integration Results

RT: 7.39
Response: 2551910
Amount: 4.019786



Manual Integration Results

RT: 7.39
Response: 2191633
Amount: 6.069440



Reviewer: foleysont, 12-Aug-2013 08:52:28
Audit Action: Manually Integrated
Audit Reason: Baseline

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096468.D		
Lims ID:	STD L2	Client ID:	
Inject. Date:	11-Aug-2013 10:28:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	460-0003430-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	175554	Lims Sample ID:	5
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:37	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 08:53:15

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.259	0.003	13876111	50.0	
2	1.797	1.797	0.0	22009962	50.5	
					RPD = 0.83	
15 alpha-BHC						
1	3.274	3.266	0.008	15102786	45.0	
2	2.286	2.284	0.002	26844420	49.2	
					RPD = 8.92	
2 gamma-BHC (Lindane)						
1	3.974	3.965	0.009	14232808	45.3	
2	2.671	2.669	0.002	24471455	49.3	
					RPD = 8.49	
6 beta-BHC						
1	4.128	4.121	0.007	8005545	46.6	
2	2.809	2.807	0.002	12531953	49.3	
					RPD = 5.63	
32 delta-BHC						
1	4.705	4.694	0.011	13540104	44.3	
2	3.124	3.119	0.005	23294090	48.4	
					RPD = 8.88	
18 Heptachlor						
1	4.839	4.828	0.011	11105644	43.9	
2	3.489	3.486	0.003	18413371	46.8	
					RPD = 6.53	
8 Aldrin						
1	5.503	5.492	0.011	13278444	44.8	
2	4.019	4.014	0.005	20996428	48.1	
					RPD = 7.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.404	6.399	0.005	12757210	47.7	
2	5.109	5.102	0.007	20302657	49.0	
					RPD = 2.79	
9 gamma-Chlordane						
1	6.569	6.564	0.005	12533496	47.4	
2	5.343	5.334	0.009	20445811	48.2	
					RPD = 1.64	
23 alpha-Chlordane						
1	6.684	6.679	0.005	10496901	49.1	
2	5.599	5.592	0.007	19774346	48.8	
					RPD = 0.49	
7 Endosulfan I						
1	6.730	6.726	0.004	12028457	48.4	
2	5.871	5.863	0.008	18868902	49.5	
					RPD = 2.18	
25 4,4'-DDE						
1	6.794	6.789	0.005	12017555	46.0	
2	5.755	5.750	0.005	17522826	48.0	
					RPD = 4.18	
30 Dieldrin						
1	6.922	6.917	0.005	11629615	45.8	
2	6.219	6.214	0.005	18446427	49.3	
					RPD = 7.21	
20 Endrin						
1	7.128	7.124	0.004	10171417	47.4	
2	6.446	6.443	0.003	15412045	50.7	
					RPD = 6.60	
16 4,4'-DDD						
1	7.188	7.184	0.004	9903545	45.6	
2	6.502	6.499	0.003	15610740	49.4	
					RPD = 8.17	
11 Endosulfan II						
1	7.276	7.273	0.003	11743056	47.6	
2	6.625	6.623	0.002	16920630	51.5	
					RPD = 7.86	
21 4,4'-DDT						
1	7.423	7.419	0.004	9382710	45.9	
2	6.714	6.711	0.003	16579673	50.3	
					RPD = 9.28	
5 Endrin aldehyde						
1	7.532	7.529	0.003	9513798	48.1	
2	6.913	6.910	0.003	15097703	50.9	
					RPD = 5.69	
3 Endosulfan sulfate						
1	7.758	7.754	0.004	10918705	48.3	
2	7.194	7.192	0.002	17400465	51.0	
					RPD = 5.50	

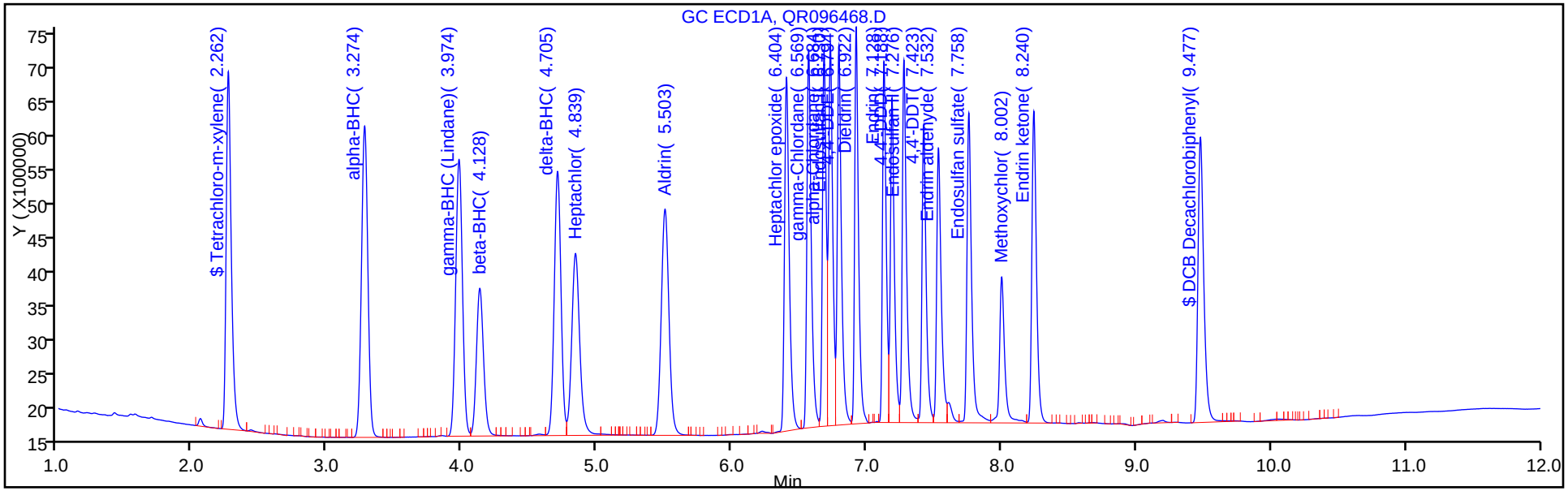
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	7.999	0.003	5694018	49.3	
2	7.035	7.034	0.001	10388603	55.5	
					RPD = 11.73	
13 Endrin ketone						
1	8.240	8.237	0.003	10917973	48.2	
2	7.391	7.389	0.002	18516470	51.3	
					RPD = 6.10	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.474	0.003	12533842	50.6	
2	8.233	8.231	0.002	19688433	51.1	
					RPD = 0.90	

Report Date: 12-Aug-2013 10:13:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

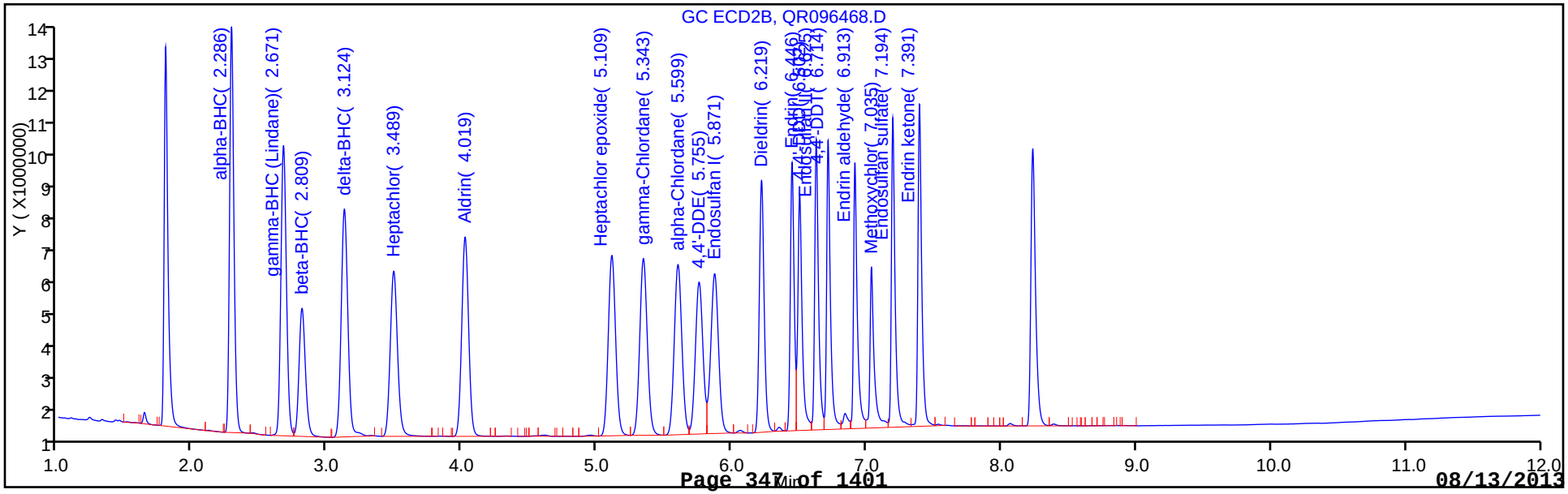
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096468.D		
Injection Date:	11-Aug-2013 10:28:59	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096469.D		
Lims ID:	STD L3	Client ID:	
Inject. Date:	11-Aug-2013 10:45:28	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	3
Sample ID:	460-0003430-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175554	Lims Sample ID:	6
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:39	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:00:52

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.262	0.0	27492508	99.1	
2	1.797	1.797	0.0	42099193	96.5	
					RPD = 2.70	
15 alpha-BHC						
1	3.276	3.276	0.0	33125842	98.8	
2	2.286	2.286	0.0	53185877	97.5	
					RPD = 1.25	
2 gamma-BHC (Lindane)						
1	3.974	3.974	0.0	30853836	98.1	
2	2.672	2.672	0.0	48791487	98.3	
					RPD = 0.13	
6 beta-BHC						
1	4.127	4.127	0.0	16386646	95.4	
2	2.810	2.810	0.0	24462744	96.3	
					RPD = 0.89	
32 delta-BHC						
1	4.704	4.704	0.0	29713626	97.2	
2	3.124	3.124	0.0	47651471	99.1	
					RPD = 1.86	
18 Heptachlor						
1	4.837	4.837	0.0	24881540	98.3	
2	3.490	3.490	0.0	38809927	98.7	
					RPD = 0.42	
8 Aldrin						
1	5.501	5.501	0.0	28374571	95.7	
2	4.019	4.019	0.0	42557266	97.5	
					RPD = 1.86	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.403	6.403	0.0	26044152	97.3	
2	5.106	5.106	0.0	39971624	96.5	
					RPD = 0.84	
9 gamma-Chlordane						
1	6.568	6.568	0.0	26165208	99.0	
2	5.340	5.340	0.0	40511892	95.5	
					RPD = 3.58	
23 alpha-Chlordane						
1	6.683	6.683	0.0	21010489	98.2	
2	5.596	5.596	0.0	39409583	97.3	
					RPD = 0.92	
7 Endosulfan I						
1	6.730	6.730	0.0	24957128	100.4	
2	5.867	5.867	0.0	37715366	98.9	
					RPD = 1.56	
25 4,4'-DDE						
1	6.792	6.792	0.0	26185985	100.2	
2	5.752	5.752	0.0	36137607	98.9	
					RPD = 1.32	
30 Dieldrin						
1	6.922	6.922	0.0	25331406	99.8	
2	6.217	6.217	0.0	37075189	99.0	
					RPD = 0.82	
20 Endrin						
1	7.128	7.128	0.0	21228306	99.0	
2	6.445	6.445	0.0	30389532	99.9	
					RPD = 0.92	
16 4,4'-DDD						
1	7.187	7.187	0.0	21383599	98.4	
2	6.501	6.501	0.0	31698833	100.4	
					RPD = 2.04	
11 Endosulfan II						
1	7.276	7.276	0.0	24212734	98.1	
2	6.624	6.624	0.0	32874531	100.0	
					RPD = 1.92	
21 4,4'-DDT						
1	7.422	7.422	0.0	21414733	104.7	
2	6.712	6.712	0.0	33472614	101.6	
					RPD = 2.98	
5 Endrin aldehyde						
1	7.532	7.532	0.0	19132590	96.8	
2	6.912	6.912	0.0	28931953	97.6	
					RPD = 0.87	
3 Endosulfan sulfate						
1	7.757	7.757	0.0	22918936	101.3	
2	7.193	7.193	0.0	33711119	98.8	
					RPD = 2.52	

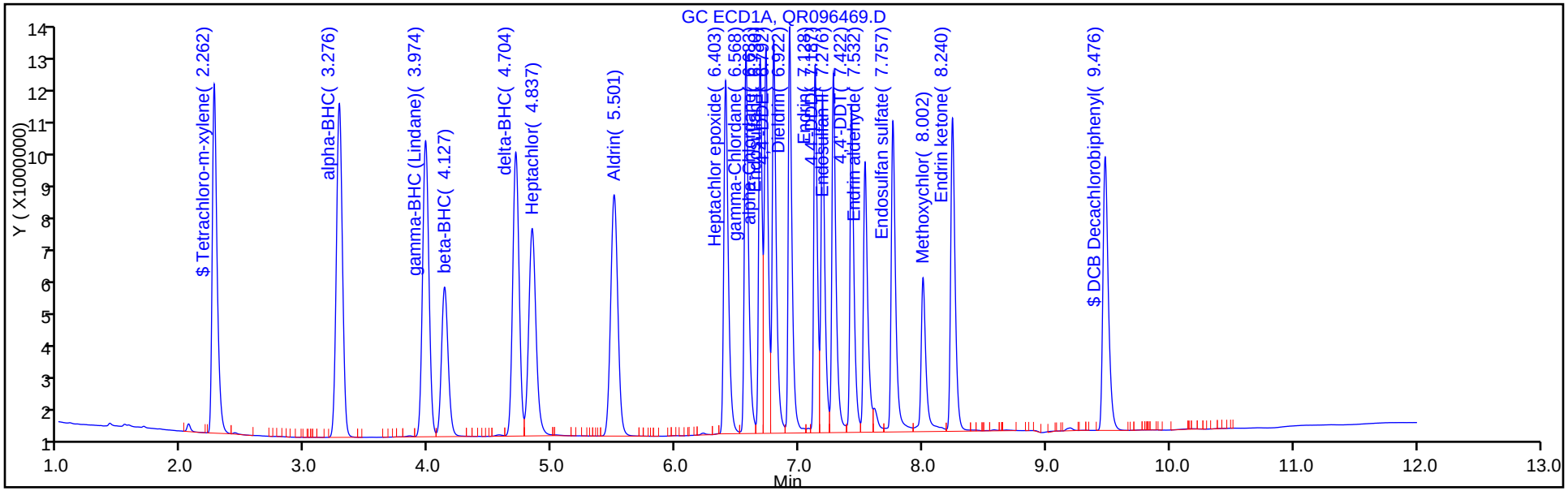
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	8.002	0.0	12648799	109.6	
2	7.035	7.035	0.0	19422556	103.8	
					RPD = 5.50	
13 Endrin ketone						
1	8.240	8.240	0.0	22821546	100.8	
2	7.391	7.391	0.0	35769708	99.1	
					RPD = 1.78	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.476	0.0	24168042	97.7	
2	8.232	8.232	0.0	36801643	95.5	
					RPD = 2.21	

Report Date: 12-Aug-2013 10:13:40 Chrom Revision: 2.1 25-Jul-2013 20:19:50

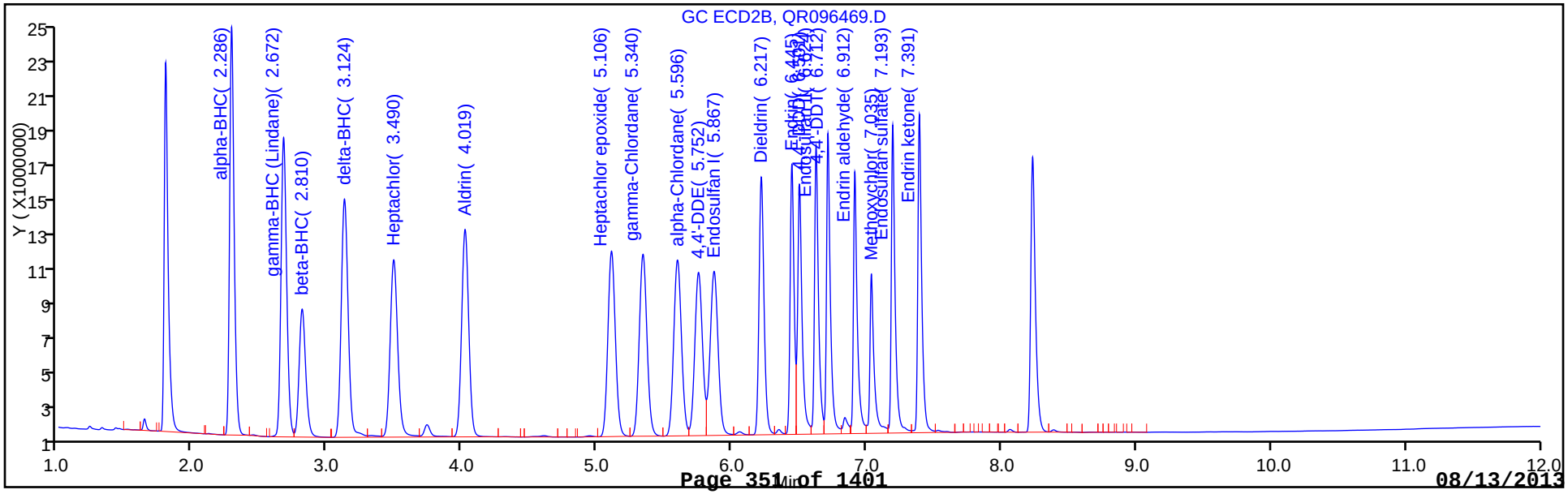
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096469.D		
Injection Date:	11-Aug-2013 10:45:28	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096470.D		
Lims ID:	STD L4	Client ID:	
Inject. Date:	11-Aug-2013 11:03:56	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	460-0003430-007		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	175554	Lims Sample ID:	7
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:30	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:13:30

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.266	2.262	0.004	40617202	146.5	
2	1.797	1.797	0.0	61360103	140.7	
					RPD = 4.05	
15 alpha-BHC						
1	3.285	3.276	0.009	93009776	277.3	
2	2.286	2.286	0.0	133857126	245.5	
					RPD = 12.17	
2 gamma-BHC (Lindane)						
1	3.986	3.974	0.012	86231705	274.3	
2	2.673	2.672	0.001	123632666	249.0	
					RPD = 9.67	
6 beta-BHC						
1	4.141	4.127	0.014	43437794	252.9	
2	2.811	2.810	0.001	61792881	243.1	
					RPD = 3.94	
32 delta-BHC						
1	4.720	4.704	0.016	84333159	276.0	
2	3.126	3.124	0.002	125202388	260.3	
					RPD = 5.85	
18 Heptachlor						
1	4.852	4.837	0.015	69877163	276.1	
2	3.492	3.490	0.002	102056075	259.7	
					RPD = 6.15	
8 Aldrin						
1	5.518	5.501	0.017	78697346	265.4	
2	4.025	4.019	0.006	110680294	253.5	
					RPD = 4.58	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.411	6.403	0.008	67121920	250.9	
2	5.115	5.106	0.009	101141379	244.3	
					RPD = 2.68	
9 gamma-Chlordane						
1	6.574	6.568	0.006	67113362	254.0	
2	5.349	5.340	0.009	103859494	244.9	
					RPD = 3.64	
23 alpha-Chlordane						
1	6.688	6.683	0.005	52808171	246.8	
2	5.606	5.596	0.010	100187417	247.3	
					RPD = 0.22	
7 Endosulfan I						
1	6.735	6.730	0.005	63361089	254.9	
2	5.879	5.867	0.012	93933825	246.2	
					RPD = 3.47	
25 4,4'-DDE						
1	6.798	6.792	0.006	68058676	260.5	
2	5.763	5.752	0.011	95268372	260.8	
					RPD = 0.10	
30 Dieldrin						
1	6.926	6.922	0.004	64352260	253.6	
2	6.224	6.217	0.007	92879528	248.1	
					RPD = 2.22	
20 Endrin						
1	7.132	7.128	0.004	52960050	247.1	
2	6.449	6.445	0.004	72048731	237.0	
					RPD = 4.17	
16 4,4'-DDD						
1	7.192	7.187	0.005	56533225	260.0	
2	6.505	6.501	0.004	81132305	256.9	
					RPD = 1.20	
11 Endosulfan II						
1	7.281	7.276	0.005	59338342	240.5	
2	6.628	6.624	0.004	77864219	236.9	
					RPD = 1.49	
21 4,4'-DDT						
1	7.427	7.422	0.005	55841856	272.9	
2	6.716	6.712	0.004	82914906	251.6	
					RPD = 8.11	
5 Endrin aldehyde						
1	7.537	7.532	0.005	50696097	256.5	
2	6.914	6.912	0.002	68281673	230.4	
					RPD = 10.70	
3 Endosulfan sulfate						
1	7.763	7.757	0.006	55229023	244.1	
2	7.196	7.193	0.003	79198462	232.1	
					RPD = 5.05	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.007	8.002	0.005	27904803	241.8	
2	7.036	7.035	0.001	42405047	226.5	
					RPD = 6.54	
13 Endrin ketone						
1	8.246	8.240	0.006	58151789	257.0	
2	7.393	7.391	0.002	82715699	229.1	
					RPD = 11.48	
$ 24 DCB Decachlorobiphenyl						
1	9.481	9.476	0.005	36098571	145.9	
2	8.235	8.232	0.003	53791692	139.6	
					RPD = 4.37	

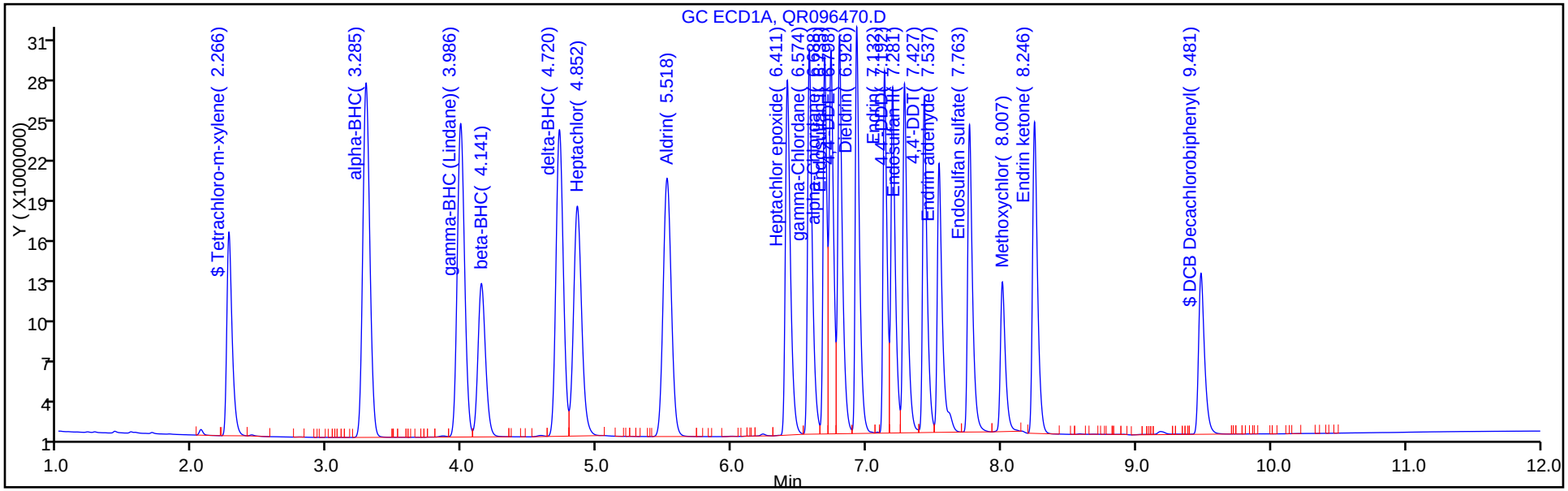
Report Date: 12-Aug-2013 10:13:31 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

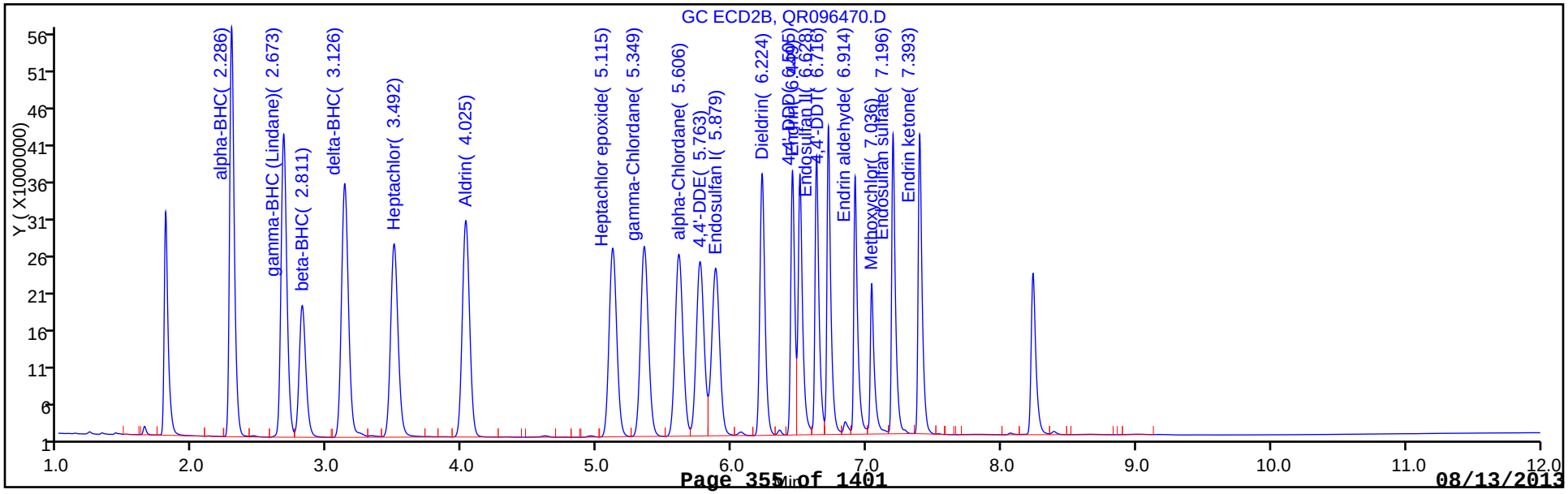
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096470.D

Injection Date:	11-Aug-2013 11:03:56	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	7
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096471.D		
Lims ID:	STD L5	Client ID:	
Inject. Date:	11-Aug-2013 11:20:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	460-0003430-008		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	175554	Lims Sample ID:	8
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:42	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.264	2.262	0.002	54988754	198.3	
2	1.797	1.797	0.0	81562534	187.0	
					RPD = 5.88	
15 alpha-BHC						
1	3.279	3.276	0.003	194722032	580.6	
2	2.287	2.286	0.001	261230470	479.1	
					RPD = 19.15	
2 gamma-BHC (Lindane)						
1	3.982	3.974	0.008	177940103	566.0	
2	2.673	2.672	0.001	242332604	488.1	
					RPD = 14.79	
6 beta-BHC						
1	4.135	4.127	0.008	89107053	518.8	
2	2.811	2.810	0.001	121853769	479.5	
					RPD = 7.88	
32 delta-BHC						
1	4.713	4.704	0.009	176056791	576.1	
2	3.126	3.124	0.002	249237941	518.1	
					RPD = 10.60	
18 Heptachlor						
1	4.847	4.837	0.010	149537691	590.9	
2	3.493	3.490	0.003	206951496	526.5	
					RPD = 11.53	
8 Aldrin						
1	5.513	5.501	0.012	164670429	555.4	
2	4.024	4.019	0.005	220401018	504.9	
					RPD = 9.52	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.409	6.403	0.006	133391704	498.6	
2	5.115	5.106	0.009	196340037	474.2	
					RPD = 5.02	
9 gamma-Chlordane						
1	6.572	6.568	0.004	135295338	512.0	
2	5.350	5.340	0.010	205651970	485.0	
					RPD = 5.43	
23 alpha-Chlordane						
1	6.687	6.683	0.004	103892874	485.5	
2	5.606	5.596	0.010	198160249	489.2	
					RPD = 0.75	
7 Endosulfan I						
1	6.732	6.730	0.002	122054361	491.1	
2	5.879	5.867	0.012	180387297	472.9	
					RPD = 3.78	
25 4,4'-DDE						
1	6.796	6.792	0.004	134936471	516.6	
2	5.762	5.752	0.010	189899291	519.9	
					RPD = 0.63	
30 Dieldrin						
1	6.924	6.922	0.002	126298106	497.8	
2	6.223	6.217	0.006	178637820	477.1	
					RPD = 4.24	
20 Endrin						
1	7.131	7.128	0.003	103217634	481.5	
2	6.449	6.445	0.004	135337262	445.1	
					RPD = 7.86	
16 4,4'-DDD						
1	7.190	7.187	0.003	114412275	526.3	
2	6.504	6.501	0.003	158679866	502.5	
					RPD = 4.62	
11 Endosulfan II						
1	7.278	7.276	0.002	114524126	464.1	
2	6.627	6.624	0.003	146194365	444.8	
					RPD = 4.25	
21 4,4'-DDT						
1	7.425	7.422	0.003	113109729	552.8	
2	6.715	6.712	0.003	163475804	496.1	
					RPD = 10.81	
5 Endrin aldehyde						
1	7.535	7.532	0.003	98388591	497.7	
2	6.914	6.912	0.002	129612822	437.4	
					RPD = 12.91	
3 Endosulfan sulfate						
1	7.761	7.757	0.004	110756139	489.6	
2	7.196	7.193	0.003	150324545	440.5	
					RPD = 10.55	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.005	8.002	0.003	57138262	495.2	
2	7.037	7.035	0.002	79223958	423.2	
					RPD = 15.67	
13 Endrin ketone						
1	8.243	8.240	0.003	115742522	511.4	
2	7.392	7.391	0.001	154124791	426.8	
					RPD = 18.03	
$ 24 DCB Decachlorobiphenyl						
1	9.479	9.476	0.003	48054409	194.2	
2	8.234	8.232	0.002	71667011	186.0	
					RPD = 4.29	

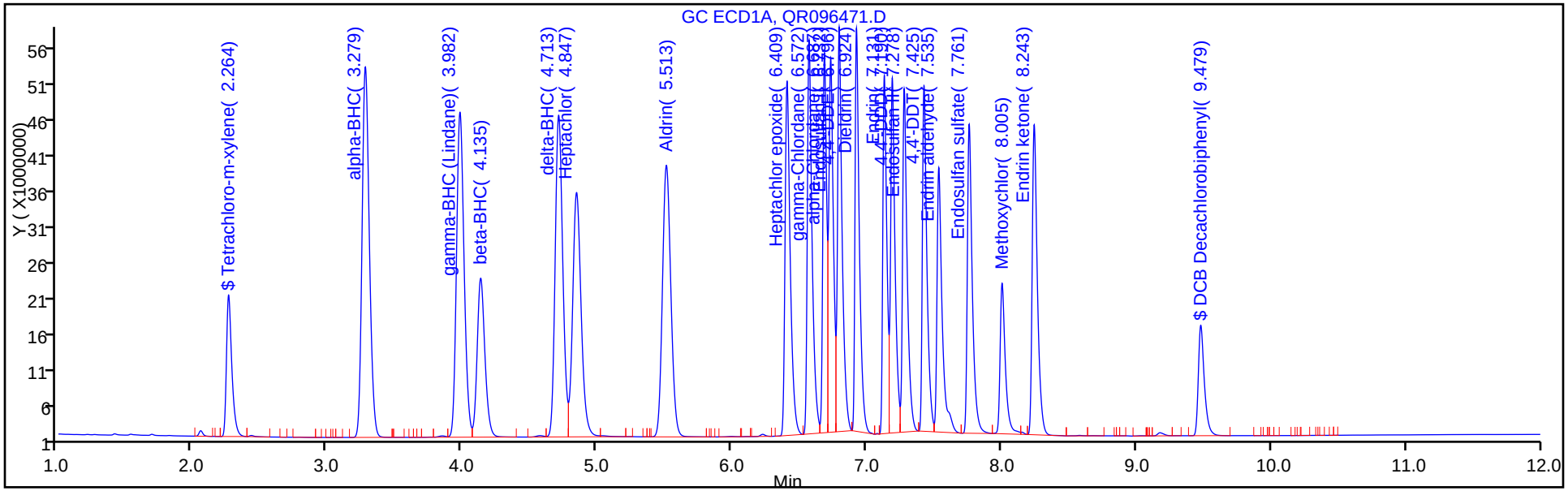
Report Date: 12-Aug-2013 10:13:43 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

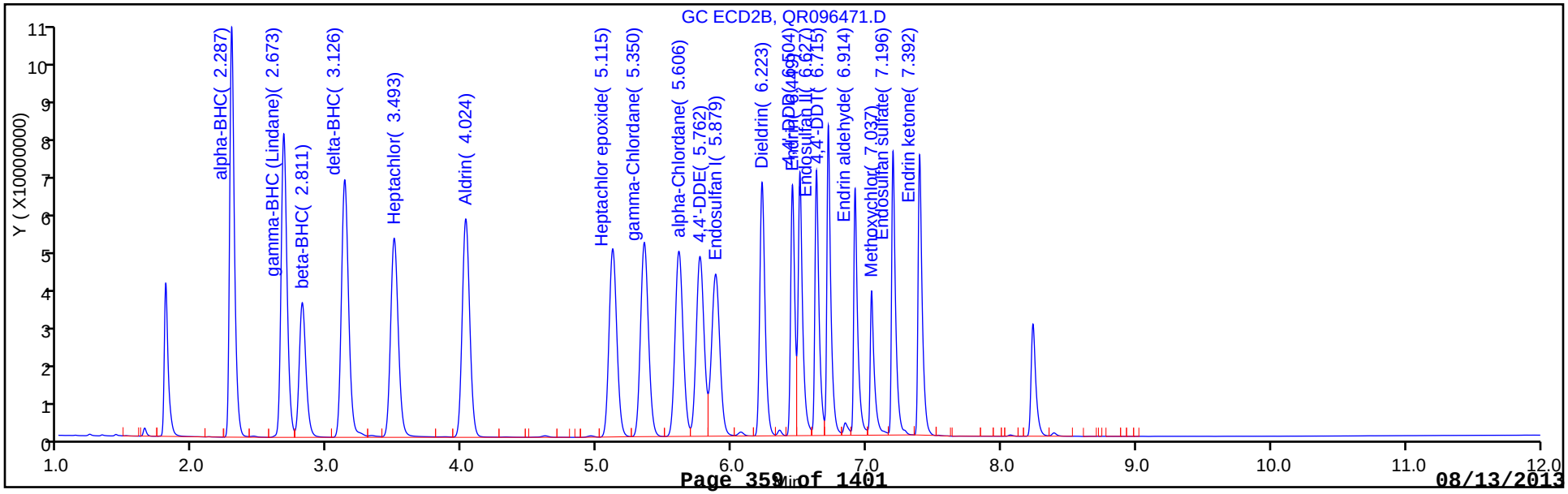
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096471.D

Injection Date:	11-Aug-2013 11:20:42	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	8
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27507

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	4.551										4.481 - 4.621	4.551
Chlordane (technical) Peak 2	4.841										4.771 - 4.911	4.841
Chlordane (technical) Peak 3	5.806										5.736 - 5.876	5.806
Chlordane (technical) Peak 4	6.570										6.500 - 6.640	6.570
Chlordane (technical) Peak 5	6.641										6.571 - 6.711	6.641
Chlordane (technical) Peak 6	6.859										6.789 - 6.929	6.859
Chlordane (technical) Peak 7	7.179										7.109 - 7.249	7.179
Chlordane (technical) Peak 8	7.312										7.242 - 7.382	7.312

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27507

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	11241				Ave		11240.9340						20.0			
Chlordane (technical) Peak	10913				Ave		10912.6580						20.0			
Chlordane (technical) Peak	11105				Ave		11104.9240						20.0			
Chlordane (technical) Peak	29410				Ave		29410.4960						20.0			
Chlordane (technical) Peak	21608				Ave		21607.9170						20.0			
Chlordane (technical) Peak	2474.3				Ave		2474.30100						20.0			
Chlordane (technical) Peak	5593.5				Ave		5593.50900						20.0			
Chlordane (technical) Peak	8860.3				Ave		8860.26700						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27507

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	11240934					1000				
Chlordane (technical) Peak 2	Ave	10912658					1000				
Chlordane (technical) Peak 3	Ave	11104924					1000				
Chlordane (technical) Peak 4	Ave	29410496					1000				
Chlordane (technical) Peak 5	Ave	21607917					1000				
Chlordane (technical) Peak 6	Ave	2474301					1000				
Chlordane (technical) Peak 7	Ave	5593509					1000				
Chlordane (technical) Peak 8	Ave	8860267					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096472.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	11-Aug-2013 11:37:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003430-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	175554	Lims Sample ID:	9
Sublist:	chrom-GC8_8081_LVI*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:45	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:13:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.551	4.551	0.0	11240934	1000.0	
1	4.841	4.841	0.0	10912658	1000.0	
1	5.806	5.806	0.0	11104924	1000.0	
1	6.570	6.570	0.0	29410496	1000.0	
1	6.641	6.641	0.0	21607917	1000.0	
1	6.859	6.859	0.0	2474301	1000.0	
1	7.179	7.179	0.0	5593509	1000.0	
1	7.312	7.312	0.0	8860267	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.349	3.349	0.0	16529982	1000.0	
2	3.491	3.491	0.0	18455117	1000.0	
2	4.268	4.268	0.0	19480392	1000.0	
2	4.991	4.991	0.0	8876877	1000.0	
2	5.345	5.345	0.0	50540747	1000.0	
2	5.585	5.585	0.0	77058484	1000.0	
2	6.474	6.474	0.0	10941312	1000.0	
2	6.575	6.575	0.0	18438691	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

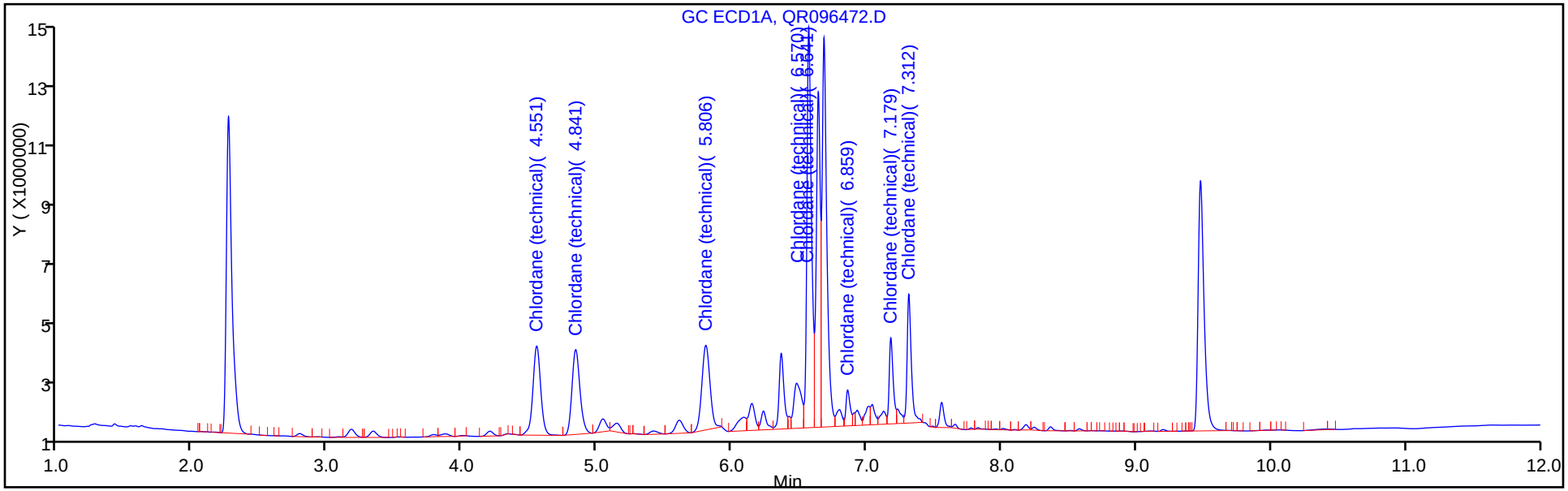
Report Date: 12-Aug-2013 10:13:45 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

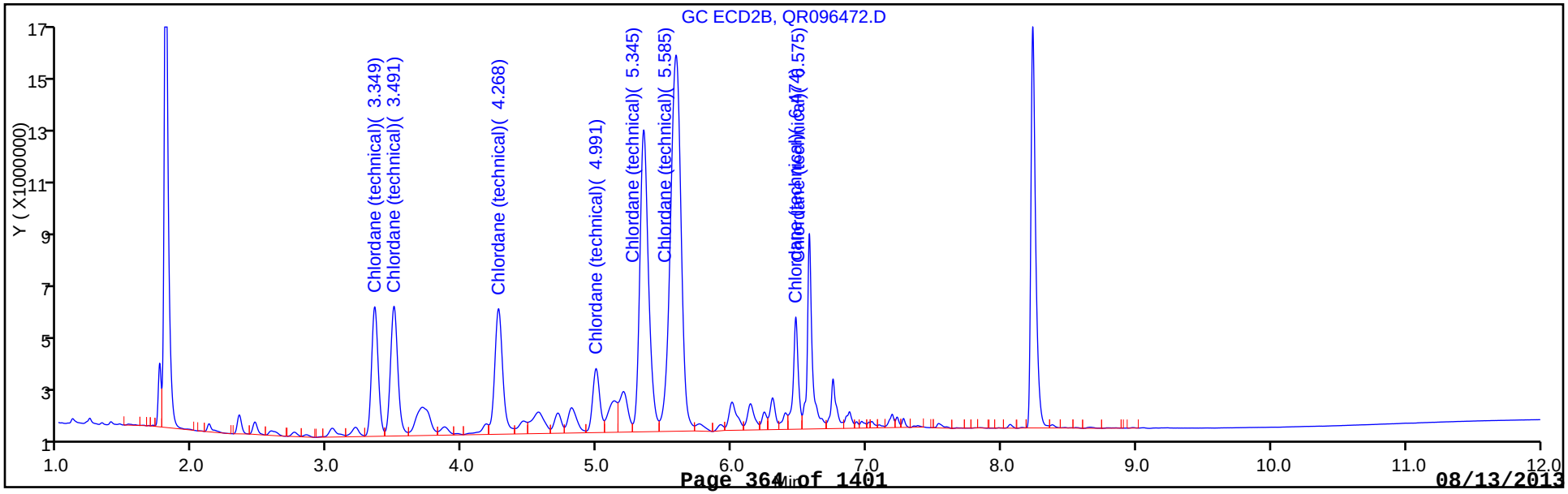
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096472.D

Injection Date:	11-Aug-2013 11:37:13	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Chlordane (technical) Peak 1	3.349										3.279 - 3.419	3.349
Chlordane (technical) Peak 2	3.491										3.421 - 3.561	3.491
Chlordane (technical) Peak 3	4.268										4.198 - 4.338	4.268
Chlordane (technical) Peak 4	4.991										4.921 - 5.061	4.991
Chlordane (technical) Peak 5	5.345										5.275 - 5.415	5.345
Chlordane (technical) Peak 6	5.585										5.515 - 5.655	5.585
Chlordane (technical) Peak 7	6.474										6.404 - 6.544	6.474
Chlordane (technical) Peak 8	6.575										6.505 - 6.645	6.575

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Chlordane (technical) Peak	16530				Ave		16529.9820						20.0			
Chlordane (technical) Peak	18455				Ave		18455.1170						20.0			
Chlordane (technical) Peak	19480				Ave		19480.3920						20.0			
Chlordane (technical) Peak	8876.9				Ave		8876.87700						20.0			
Chlordane (technical) Peak	50541				Ave		50540.7470						20.0			
Chlordane (technical) Peak	77058				Ave		77058.4840						20.0			
Chlordane (technical) Peak	10941				Ave		10941.3120						20.0			
Chlordane (technical) Peak	18439				Ave		18438.6910						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:37 Calibration End Date: 08/11/2013 11:37 Calibration ID: 27508

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/9	QR096472.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Chlordane (technical) Peak 1	Ave	16529982					1000				
Chlordane (technical) Peak 2	Ave	18455117					1000				
Chlordane (technical) Peak 3	Ave	19480392					1000				
Chlordane (technical) Peak 4	Ave	8876877					1000				
Chlordane (technical) Peak 5	Ave	50540747					1000				
Chlordane (technical) Peak 6	Ave	77058484					1000				
Chlordane (technical) Peak 7	Ave	10941312					1000				
Chlordane (technical) Peak 8	Ave	18438691					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096472.D		
Lims ID:	IC CHLOR	Client ID:	
Inject. Date:	11-Aug-2013 11:37:13	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003430-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	175554	Lims Sample ID:	9
Sublist:	chrom-GC8_8081_LVI*sub4		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:45	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:13:00

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
31 Chlordane (technical)						
1	4.551	4.551	0.0	11240934	1000.0	
1	4.841	4.841	0.0	10912658	1000.0	
1	5.806	5.806	0.0	11104924	1000.0	
1	6.570	6.570	0.0	29410496	1000.0	
1	6.641	6.641	0.0	21607917	1000.0	
1	6.859	6.859	0.0	2474301	1000.0	
1	7.179	7.179	0.0	5593509	1000.0	
1	7.312	7.312	0.0	8860267	1000.0	
		Average of Peak Amounts =			1000.0	
2	3.349	3.349	0.0	16529982	1000.0	
2	3.491	3.491	0.0	18455117	1000.0	
2	4.268	4.268	0.0	19480392	1000.0	
2	4.991	4.991	0.0	8876877	1000.0	
2	5.345	5.345	0.0	50540747	1000.0	
2	5.585	5.585	0.0	77058484	1000.0	
2	6.474	6.474	0.0	10941312	1000.0	
2	6.575	6.575	0.0	18438691	1000.0	
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

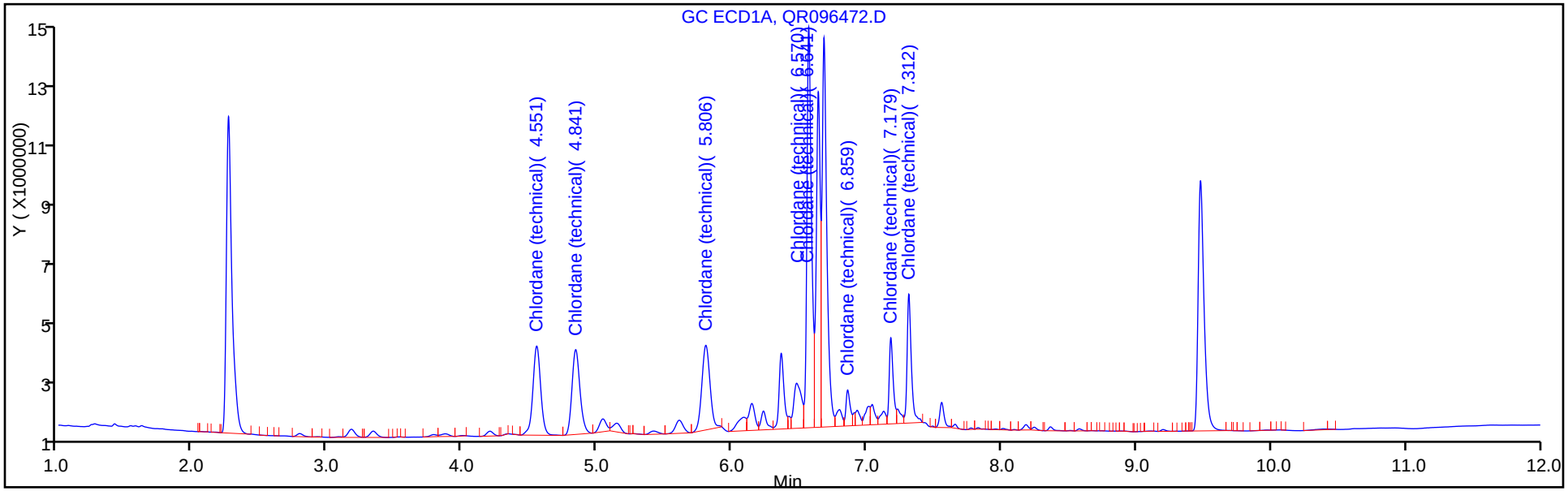
Report Date: 12-Aug-2013 10:13:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

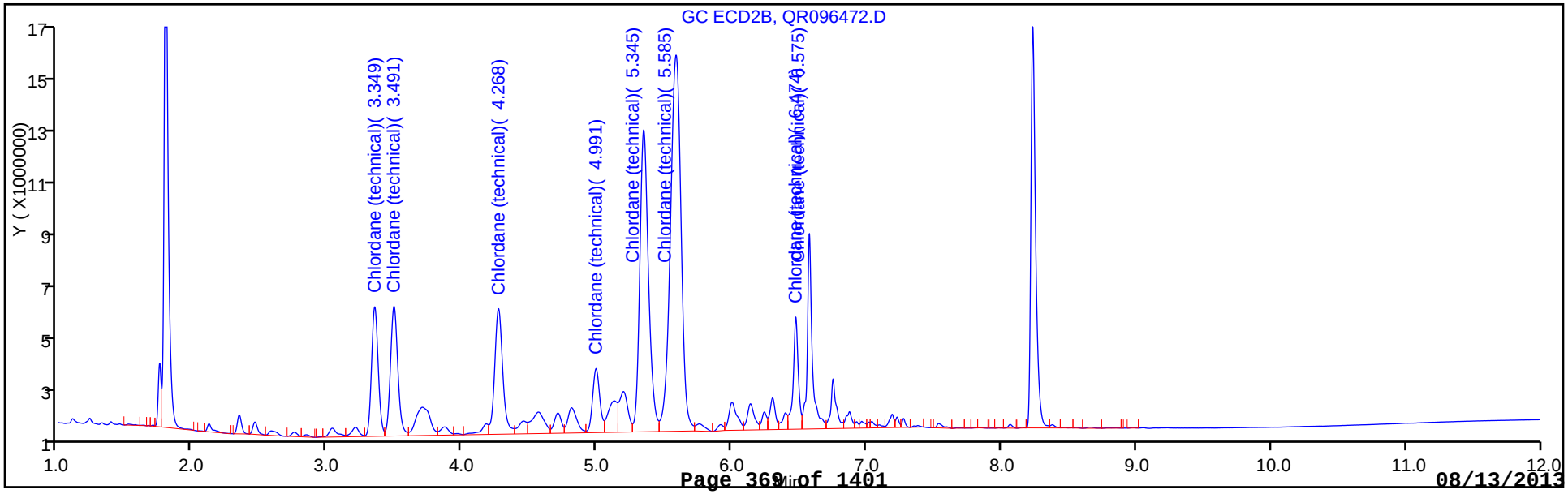
Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096472.D

Injection Date:	11-Aug-2013 11:37:13	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27513

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.081										7.011 - 7.151	7.081
Toxaphene Peak 2	7.335										7.265 - 7.405	7.335
Toxaphene Peak 3	7.603										7.533 - 7.673	7.603
Toxaphene Peak 4	7.750										7.680 - 7.820	7.750
Toxaphene Peak 5	7.970										7.900 - 8.040	7.970
Toxaphene Peak 6	8.027										7.957 - 8.097	8.027
Toxaphene Peak 7	8.146										8.076 - 8.216	8.146
Toxaphene Peak 8	8.509										8.439 - 8.579	8.509

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27513

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	15305				Ave		15304.6240						20.0			
Toxaphene Peak 2	11183				Ave		11182.7940						20.0			
Toxaphene Peak 3	9857.5				Ave		9857.54500						20.0			
Toxaphene Peak 4	7286.2				Ave		7286.15200						20.0			
Toxaphene Peak 5	11686				Ave		11685.9710						20.0			
Toxaphene Peak 6	9880.7				Ave		9880.74700						20.0			
Toxaphene Peak 7	3947.4				Ave		3947.40000						20.0			
Toxaphene Peak 8	5113.9				Ave		5113.89000						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27513

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	15304624					1000				
Toxaphene Peak 2	Ave	11182794					1000				
Toxaphene Peak 3	Ave	9857545					1000				
Toxaphene Peak 4	Ave	7286152					1000				
Toxaphene Peak 5	Ave	11685971					1000				
Toxaphene Peak 6	Ave	9880747					1000				
Toxaphene Peak 7	Ave	3947400					1000				
Toxaphene Peak 8	Ave	5113890					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	11-Aug-2013 11:53:45	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003430-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	175554	Lims Sample ID:	10
Sublist:	chrom-GC8_8081_LVI*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:48	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:12:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						M
1	7.081	7.081	0.0	15304624	1000.0	
1	7.335	7.335	0.0	11182794	1000.0	
1	7.603	7.603	0.0	9857545	1000.0	M
1	7.750	7.750	0.0	7286152	1000.0	a
1	7.970	7.970	0.0	11685971	1000.0	a
1	8.027	8.027	0.0	9880747	1000.0	M
1	8.146	8.146	0.0	3947400	1000.0	a
1	8.509	8.509	0.0	5113890	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.669	6.669	0.0	12975137	1000.0	M
2	6.896	6.896	0.0	18438973	1000.0	M
2	6.978	6.978	0.0	13919029	1000.0	M
2	7.125	7.125	0.0	18599009	1000.0	M
2	7.185	7.185	0.0	23527487	1000.0	M
2	7.288	7.288	0.0	11016700	1000.0	M
2	7.376	7.376	0.0	20088087	1000.0	M
2	7.490	7.490	0.0	12149069	1000.0	M
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

QC Flag Legend

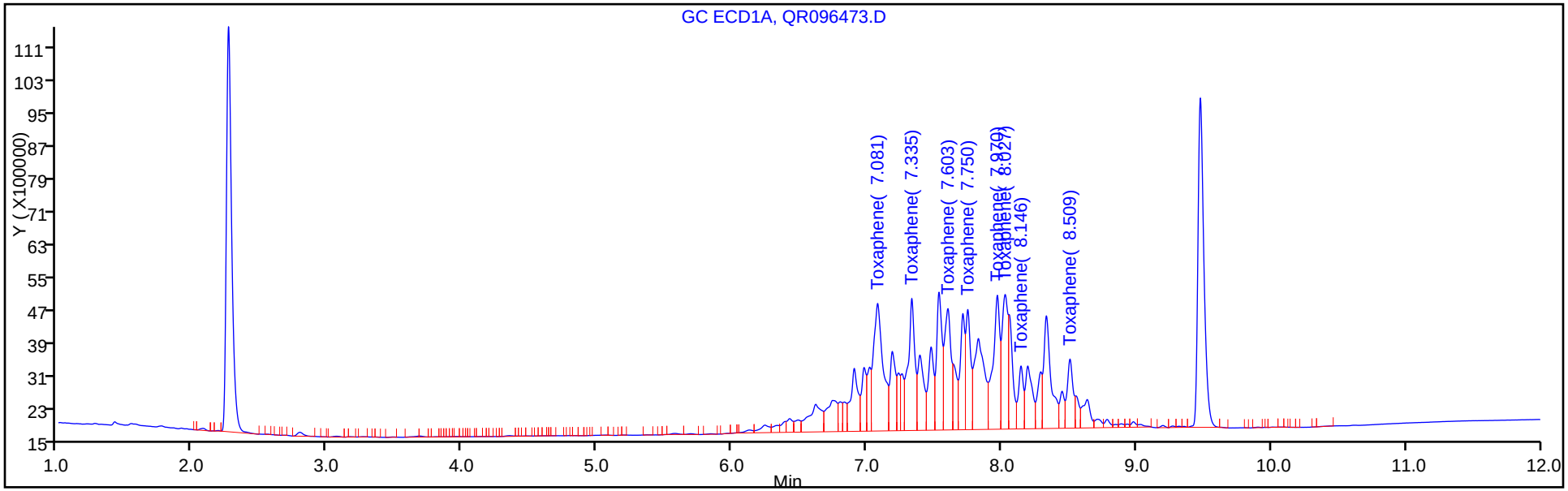
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:13:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

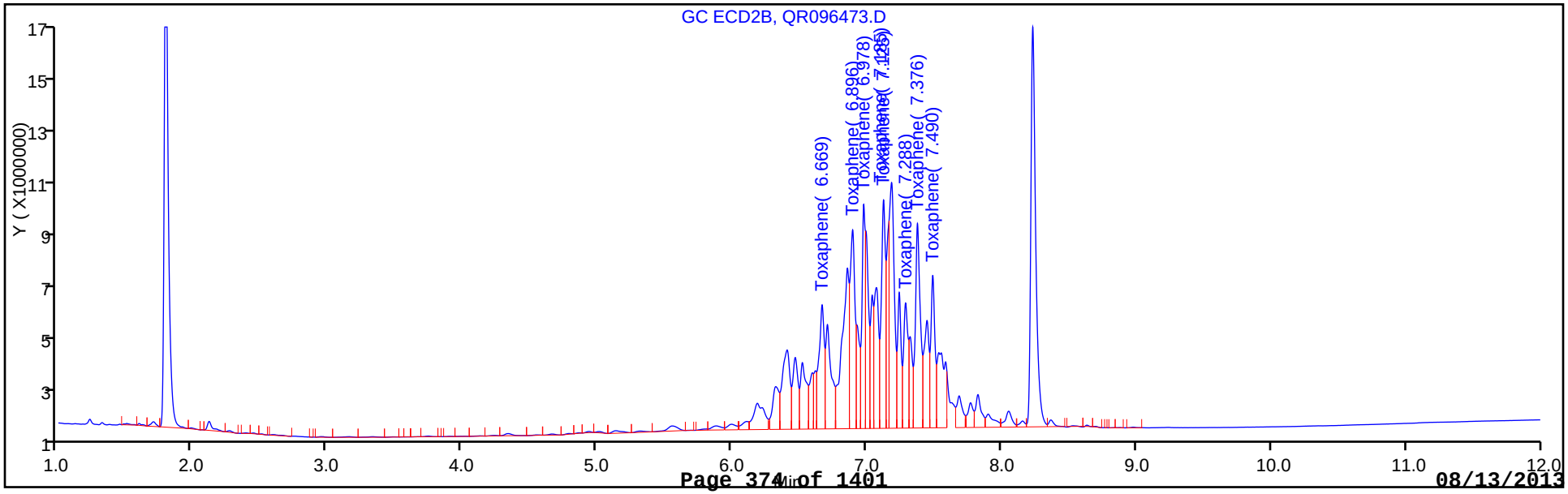
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Injection Date:	11-Aug-2013 11:53:45	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



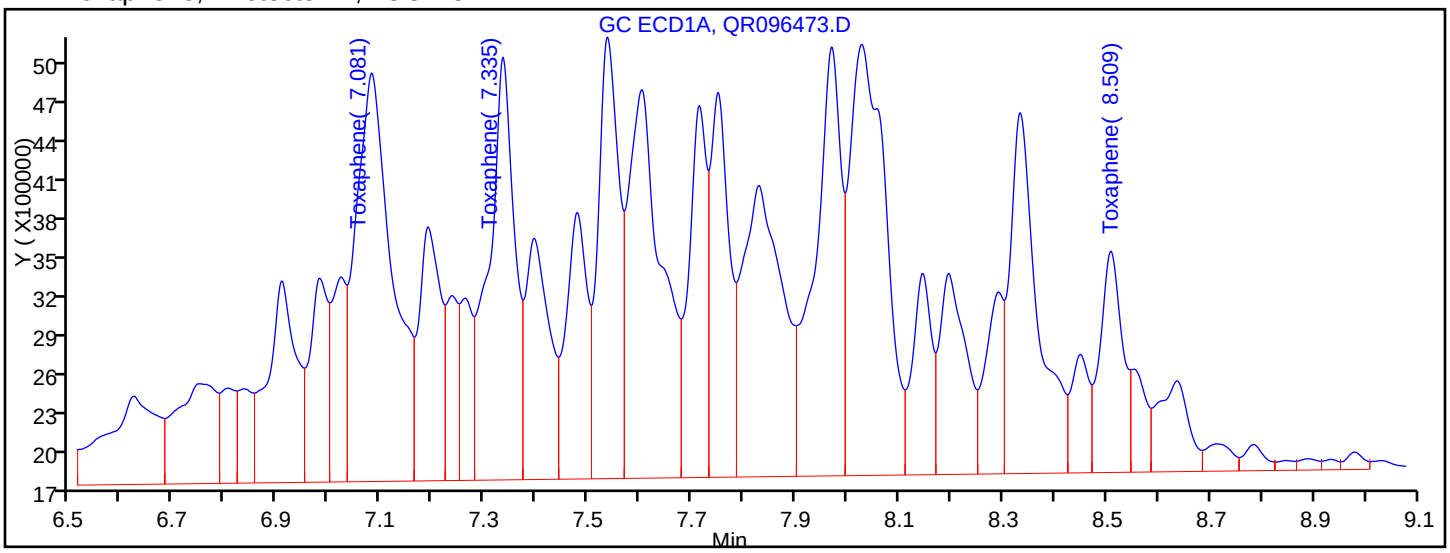
Report Date: 12-Aug-2013 10:13:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D

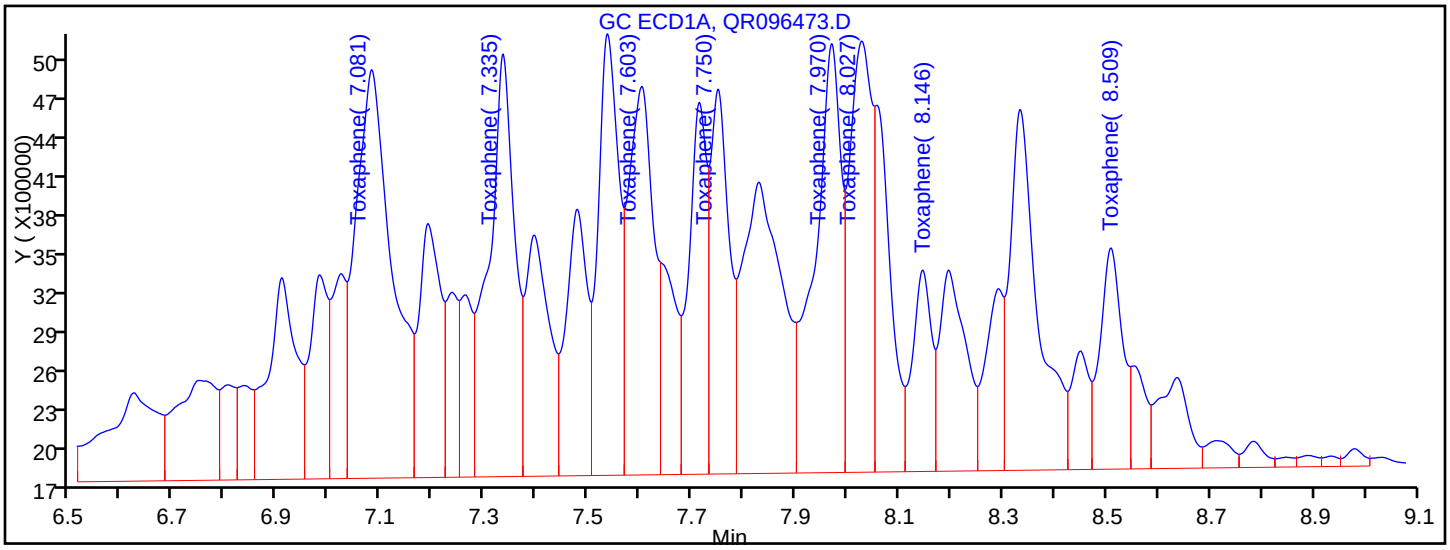
Injection Date:	11-Aug-2013 11:53:45	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

22 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 7.081	Response = 15304624	
RT = 7.335	Response = 11182794	
RT = 7.478	Response = 5775929	M
RT = 7.603	Response = 13277526	M
RT = 8.027	Response = 15686933	M
RT = 8.146	Response = 3947400	M
RT = 8.451	Response = 2136716	M
RT = 8.509	Response = 5113890	



Manual Integration Results

RT = 7.081	Response = 15304624	
RT = 7.335	Response = 11182794	
RT = 7.603	Response = 9857545	M
RT = 7.750	Response = 7286152	M
RT = 7.970	Response = 11685971	M
RT = 8.027	Response = 9880747	M
RT = 8.146	Response = 3947400	M
RT = 8.509	Response = 5113890	

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.669										6.599 - 6.739	6.669
Toxaphene Peak 2	6.896										6.826 - 6.966	6.896
Toxaphene Peak 3	6.978										6.908 - 7.048	6.978
Toxaphene Peak 4	7.125										7.055 - 7.195	7.125
Toxaphene Peak 5	7.185										7.115 - 7.255	7.185
Toxaphene Peak 6	7.288										7.218 - 7.358	7.288
Toxaphene Peak 7	7.376										7.306 - 7.446	7.376
Toxaphene Peak 8	7.490										7.420 - 7.560	7.490

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	12975				Ave		12975.1370						20.0			
Toxaphene Peak 2	18439				Ave		18438.9730						20.0			
Toxaphene Peak 3	13919				Ave		13919.0290						20.0			
Toxaphene Peak 4	18599				Ave		18599.0090						20.0			
Toxaphene Peak 5	23527				Ave		23527.4870						20.0			
Toxaphene Peak 6	11017				Ave		11016.7000						20.0			
Toxaphene Peak 7	20088				Ave		20088.0870						20.0			
Toxaphene Peak 8	12149				Ave		12149.0690						20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-60690-1 Analy Batch No.: 175554

SDG No.:

Instrument ID: CPESTGC8 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2013 11:53 Calibration End Date: 08/11/2013 11:53 Calibration ID: 27514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-175554/10	QR096473.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	12975137					1000				
Toxaphene Peak 2	Ave	18438973					1000				
Toxaphene Peak 3	Ave	13919029					1000				
Toxaphene Peak 4	Ave	18599009					1000				
Toxaphene Peak 5	Ave	23527487					1000				
Toxaphene Peak 6	Ave	11016700					1000				
Toxaphene Peak 7	Ave	20088087					1000				
Toxaphene Peak 8	Ave	12149069					1000				

Curve Type Legend:

Ave = Average

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Lims ID:	IC TOX	Client ID:	
Inject. Date:	11-Aug-2013 11:53:45	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	460-0003430-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	175554	Lims Sample ID:	10
Sublist:	chrom-GC8_8081_LVI*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:13:48	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 10:12:08

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
22 Toxaphene						M
1	7.081	7.081	0.0	15304624	1000.0	
1	7.335	7.335	0.0	11182794	1000.0	
1	7.603	7.603	0.0	9857545	1000.0	M
1	7.750	7.750	0.0	7286152	1000.0	a
1	7.970	7.970	0.0	11685971	1000.0	a
1	8.027	8.027	0.0	9880747	1000.0	M
1	8.146	8.146	0.0	3947400	1000.0	a
1	8.509	8.509	0.0	5113890	1000.0	
		Average of Peak Amounts =			1000.0	
2	6.669	6.669	0.0	12975137	1000.0	M
2	6.896	6.896	0.0	18438973	1000.0	M
2	6.978	6.978	0.0	13919029	1000.0	M
2	7.125	7.125	0.0	18599009	1000.0	M
2	7.185	7.185	0.0	23527487	1000.0	M
2	7.288	7.288	0.0	11016700	1000.0	M
2	7.376	7.376	0.0	20088087	1000.0	M
2	7.490	7.490	0.0	12149069	1000.0	M
		Average of Peak Amounts =			1000.0	
				RPD =	0.00	

QC Flag Legend

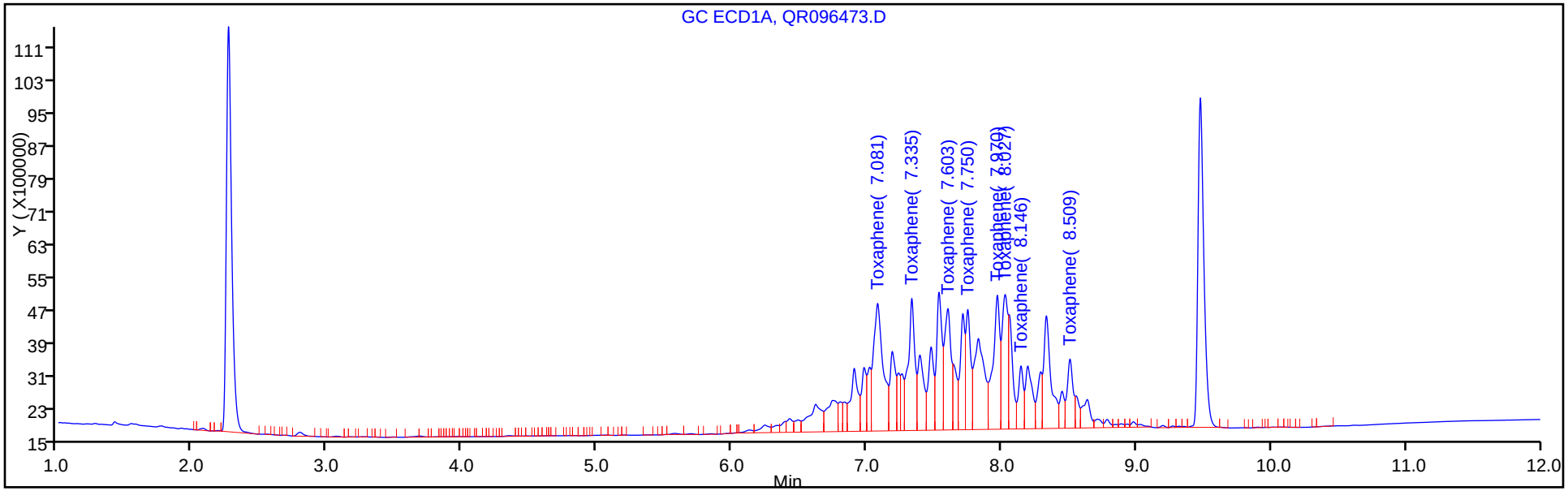
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:13:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

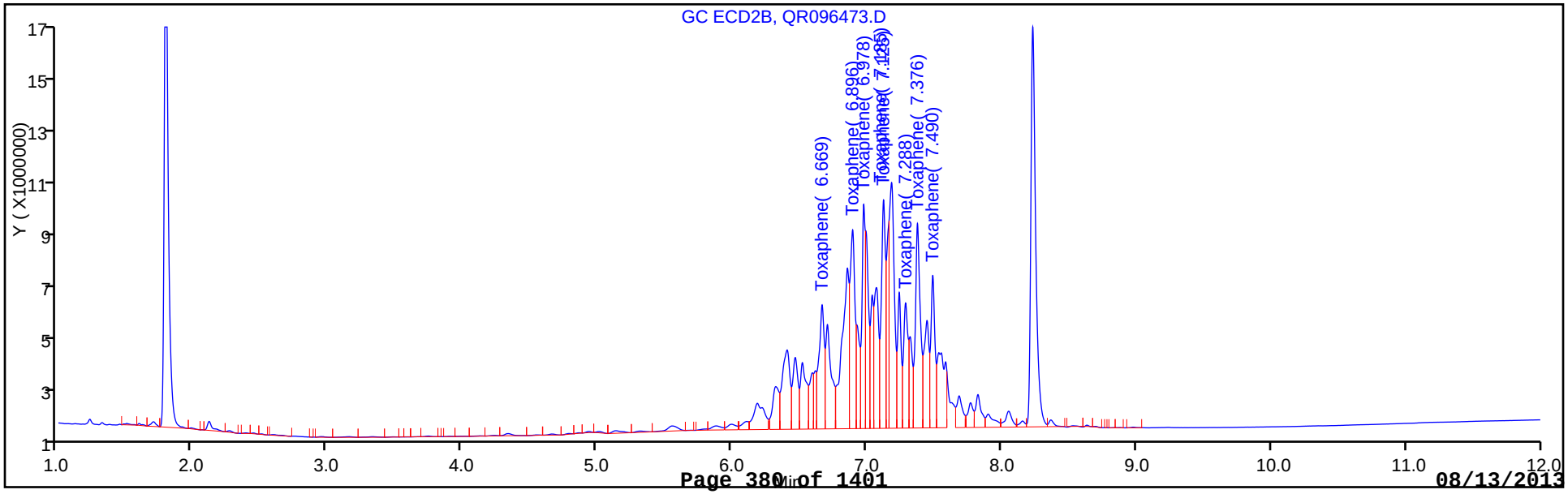
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Injection Date:	11-Aug-2013 11:53:45	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175554	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 12-Aug-2013 10:13:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D

Injection Date: 11-Aug-2013 11:53:45 Limit Group: GC 8081A PEST

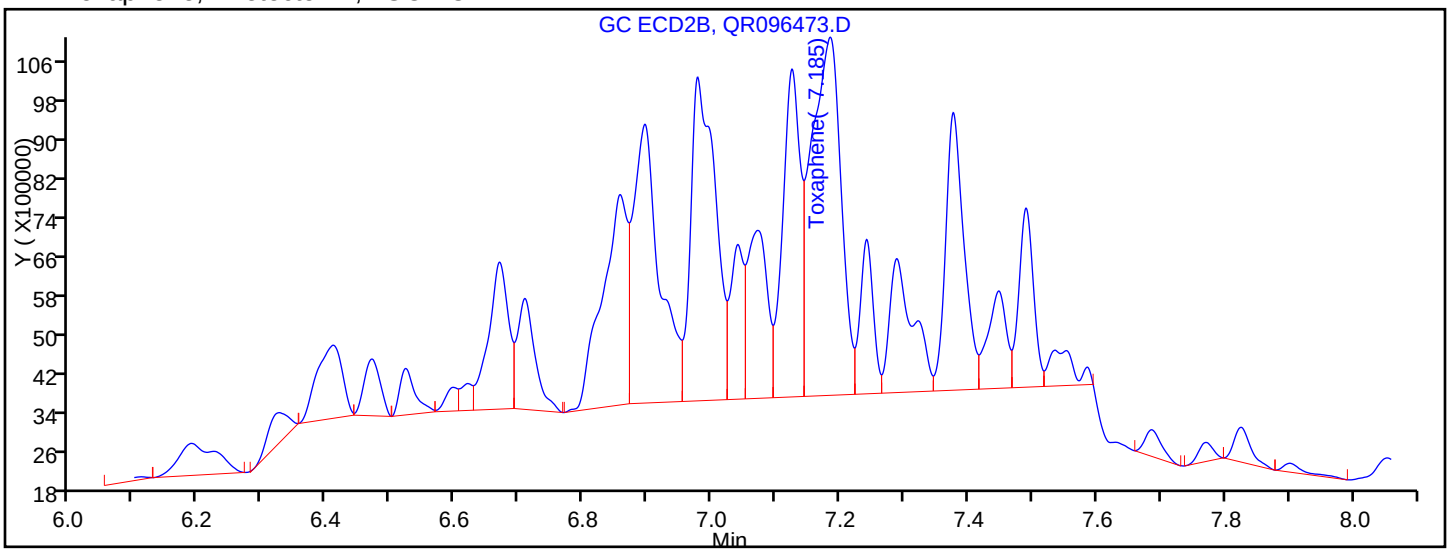
Client ID: Instrument ID: CPESTGC8

Lims Batch ID: 175554 Lims Sample ID: 10

Operator ID: Injection Vol: 1.0 ul

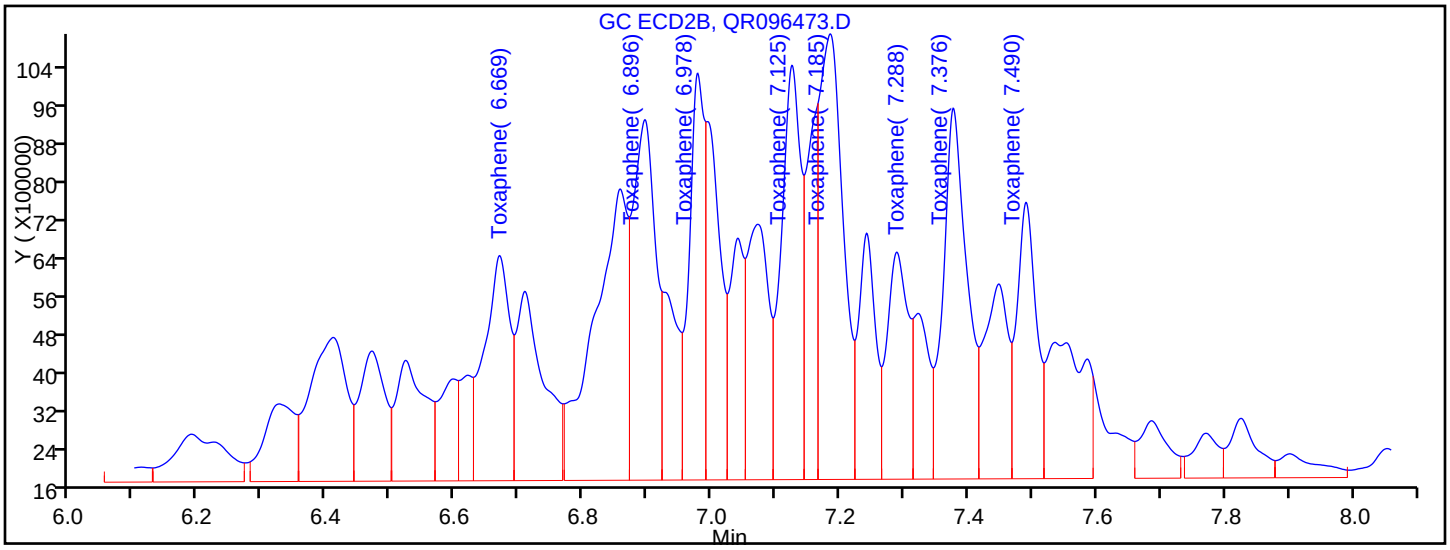
Column Type: Column Dia:

22 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 6.619	Response = 714414	M
RT = 6.708	Response = 4393938	M
RT = 6.857	Response = 11837204	M
RT = 7.041	Response = 4655437	M
RT = 7.185	Response = 23593932	M
RT = 7.241	Response = 4546864	M
RT = 7.288	Response = 7114797	M
RT = 7.536	Response = 2079751	M



Manual Integration Results

RT = 6.669	Response = 12975137	M
RT = 6.896	Response = 18438973	M
RT = 6.978	Response = 13919029	M
RT = 7.125	Response = 18599009	M
RT = 7.185	Response = 23527487	M
RT = 7.288	Response = 11016700	M
RT = 7.376	Response = 20088087	M
RT = 7.490	Response = 12149069	M

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-174875/33 Calibration Date: 08/07/2013 17:07

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715518.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.51	729030	8.97	15	
Endrin aldehyde	8.14	26965			
Endrin ketone	8.83	44831			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.97	691204	7.17	15	
4,4'-DDD	7.61	26979			
4,4'-DDE	6.96	26372			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715518.D
Lims ID: PEM
Client ID:
Inject. Date: 07-Aug-2013 17:07:23
Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 460-0003255-033
Misc. Info.:
Operator:
Instrument ID: CPESTGC4
Injection Vol: 1.0 ul
ALS Bottle#: 33
Lims Batch ID: 174875
Lims Sample ID: 33
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m
Last Update: 08-Aug-2013 13:51:54
Calib Date: 29-Jul-2013 08:48:04
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D
Limit Group: GC 8081A PEST
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK033

First Level Reviewer: kapoors
Date: 08-Aug-2013 08:27:14

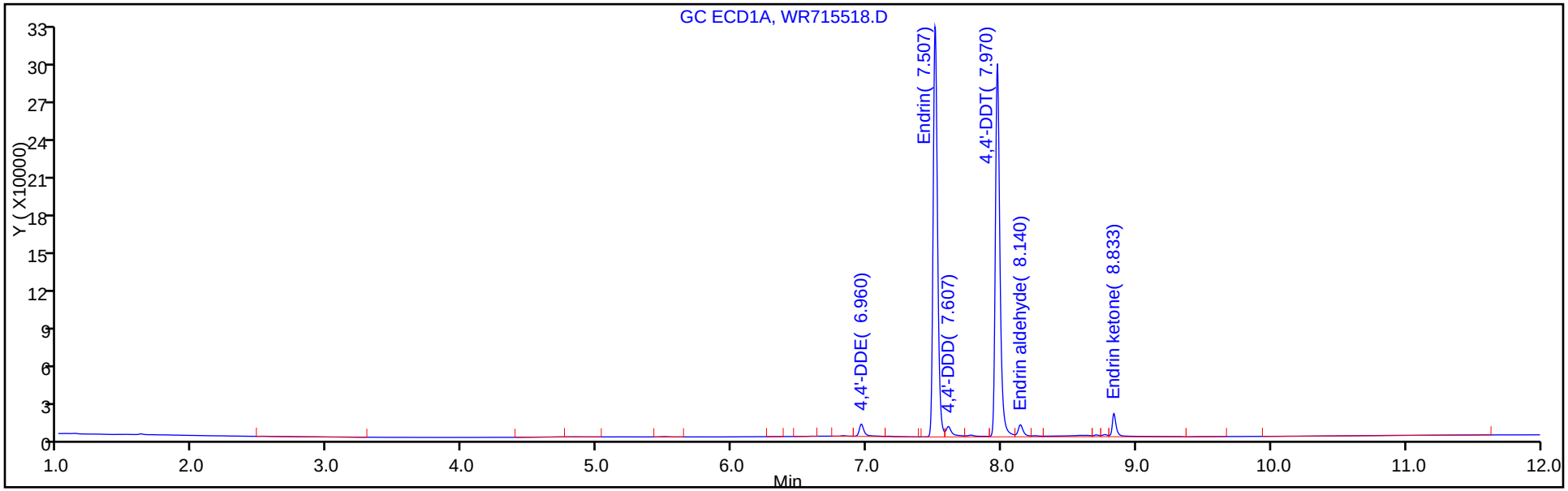
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.960	6.967	-0.007	26372	8.01	
2	5.573	5.583	-0.010	26828	7.08	
					RPD = 12.31	
20 Endrin						
1	7.507	7.517	-0.010	729030	244.4	
2	6.410	6.420	-0.010	837982	253.5	
					RPD = 3.64	
16 4,4'-DDD						
1	7.607	7.610	-0.003	26979	10.1	
2	6.493	6.500	-0.007	25304	8.33	
					RPD = 18.67	
21 4,4'-DDT						
1	7.970	7.977	-0.007	691204	240.5	
2	6.787	6.793	-0.006	849047	260.4	
					RPD = 7.93	
5 Endrin aldehyde						
1	8.140	8.147	-0.007	26965	11.6	
2	7.083	7.087	-0.004	24806	9.64	
					RPD = 18.84	
13 Endrin ketone						
1	8.833	8.837	-0.004	44831	15.9	
2	7.860	7.863	-0.003	41474	12.5	
					RPD = 23.69	

Report Date: 08-Aug-2013 13:55:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

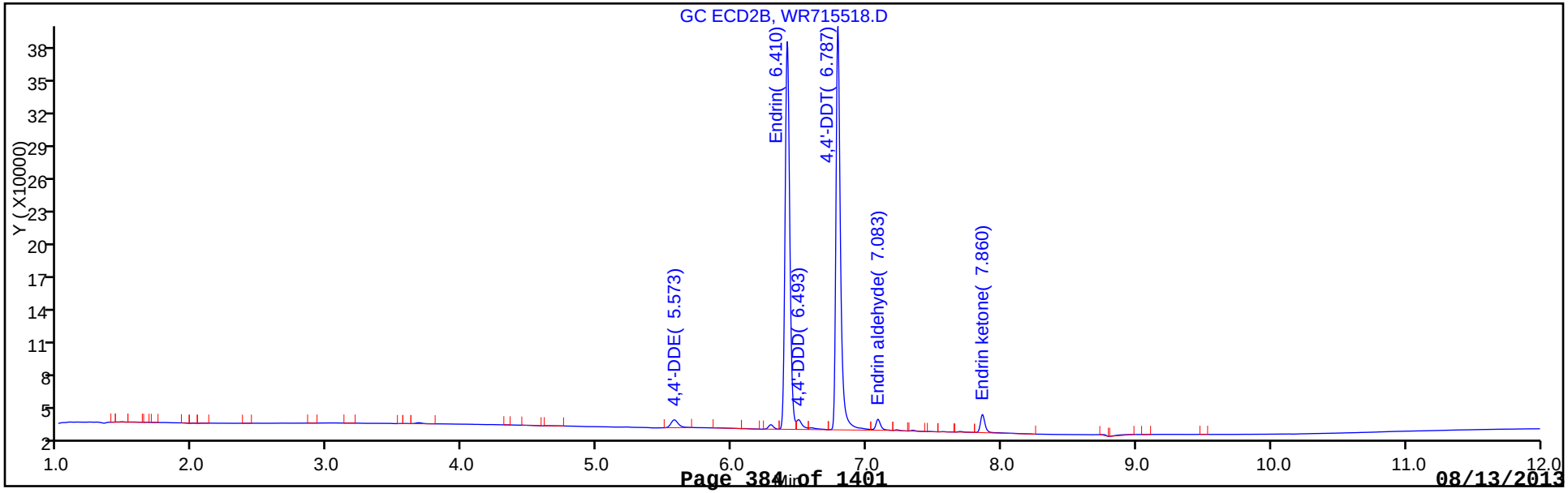
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715518.D		
Injection Date:	07-Aug-2013 17:07:23	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-174875/33 Calibration Date: 08/07/2013 17:07

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715518.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.41	837982	7.33	15	
Endrin aldehyde	7.08	24806			
Endrin ketone	7.86	41474			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.79	849047	5.78	15	
4,4'-DDD	6.49	25304			
4,4'-DDE	5.57	26828			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715518.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	07-Aug-2013 17:07:23	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003255-033		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	33
Lims Batch ID:	174875	Lims Sample ID:	33
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:27:14

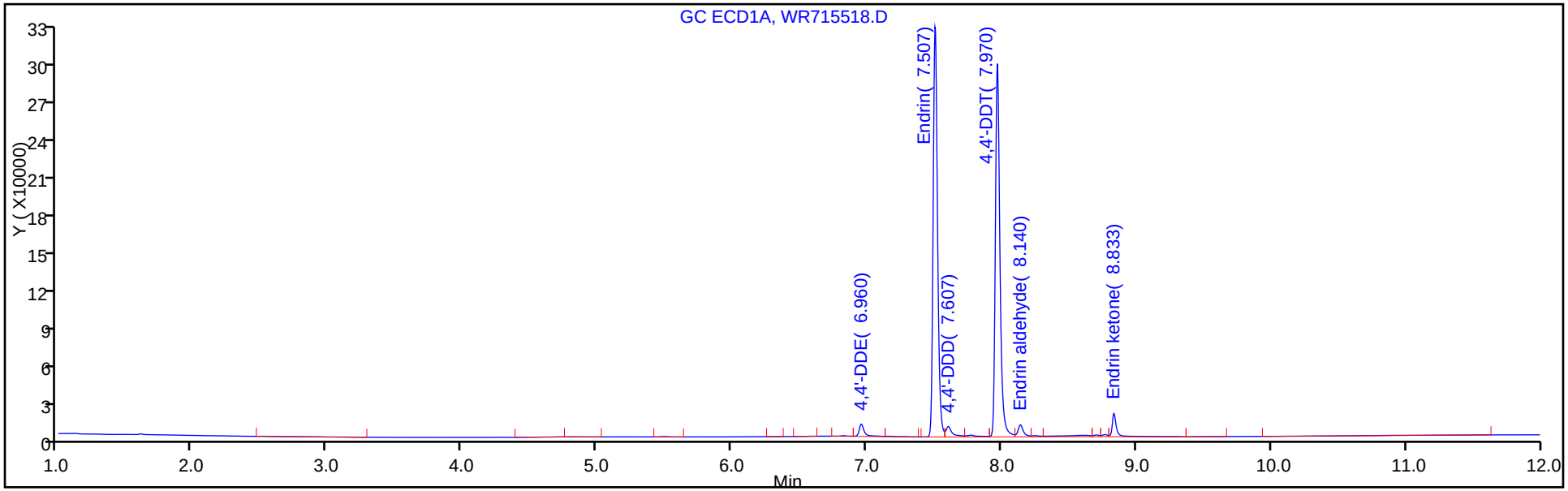
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.960	6.967	-0.007	26372	8.01	
2	5.573	5.583	-0.010	26828	7.08	
					RPD = 12.31	
20 Endrin						
1	7.507	7.517	-0.010	729030	244.4	
2	6.410	6.420	-0.010	837982	253.5	
					RPD = 3.64	
16 4,4'-DDD						
1	7.607	7.610	-0.003	26979	10.1	
2	6.493	6.500	-0.007	25304	8.33	
					RPD = 18.67	
21 4,4'-DDT						
1	7.970	7.977	-0.007	691204	240.5	
2	6.787	6.793	-0.006	849047	260.4	
					RPD = 7.93	
5 Endrin aldehyde						
1	8.140	8.147	-0.007	26965	11.6	
2	7.083	7.087	-0.004	24806	9.64	
					RPD = 18.84	
13 Endrin ketone						
1	8.833	8.837	-0.004	44831	15.9	
2	7.860	7.863	-0.003	41474	12.5	
					RPD = 23.69	

Report Date: 08-Aug-2013 13:55:38 Chrom Revision: 2.1 25-Jul-2013 20:19:50

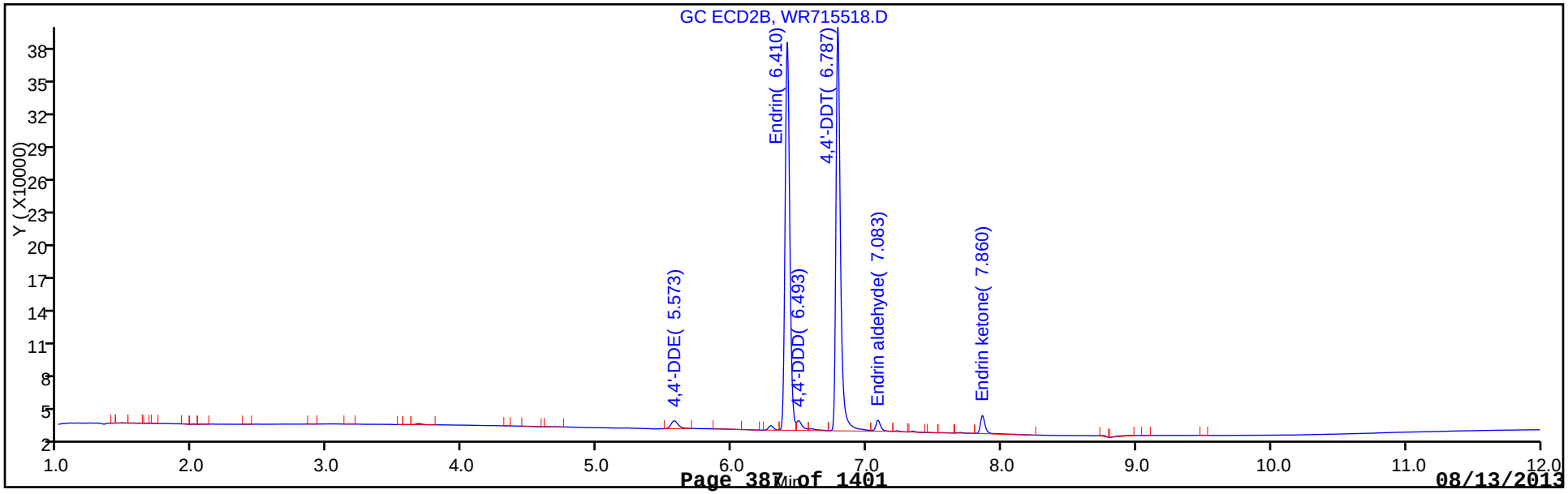
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715518.D		
Injection Date:	07-Aug-2013 17:07:23	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	33
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175266/3 Calibration Date: 08/09/2013 09:04

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715607.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.51	699054	5.66	15	
Endrin aldehyde	8.14	16317			
Endrin ketone	8.83	25594			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.97	655896	3.68	15	
4,4'-DDD		0			
4,4'-DDE	6.96	25041			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715607.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	09-Aug-2013 09:04:29	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003369-003		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	175266	Lims Sample ID:	3
Sublist:	chrom-8081GC4*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:04	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: kapoors Date: 09-Aug-2013 09:34:25

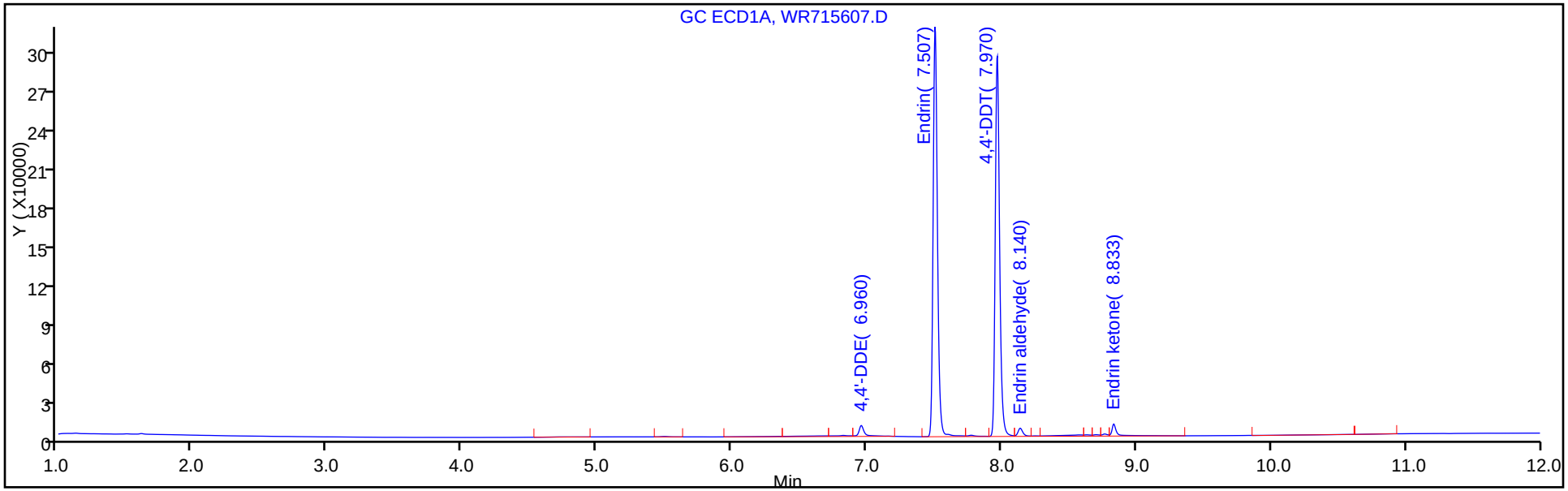
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.960	6.943	0.017	25041	6.92	
2	5.567	5.570	-0.003	22424	5.02	
					RPD = 31.87	
20 Endrin						
1	7.507	7.493	0.014	699054	212.0	
2	6.407	6.407	0.0	797662	202.6	
					RPD = 4.53	
21 4,4'-DDT						
1	7.970	7.953	0.017	655896	204.8	
2	6.783	6.783	0.0	788079	193.7	
					RPD = 5.56	
5 Endrin aldehyde						
1	8.140	8.123	0.017	16317	6.13	
2	7.080	7.077	0.003	14670	4.55	
					RPD = 29.61	
13 Endrin ketone						
1	8.833	8.823	0.010	25594	8.22	
2	7.853	7.853	0.0	17760	4.49	
					RPD = 58.58	

Report Date: 09-Aug-2013 11:10:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

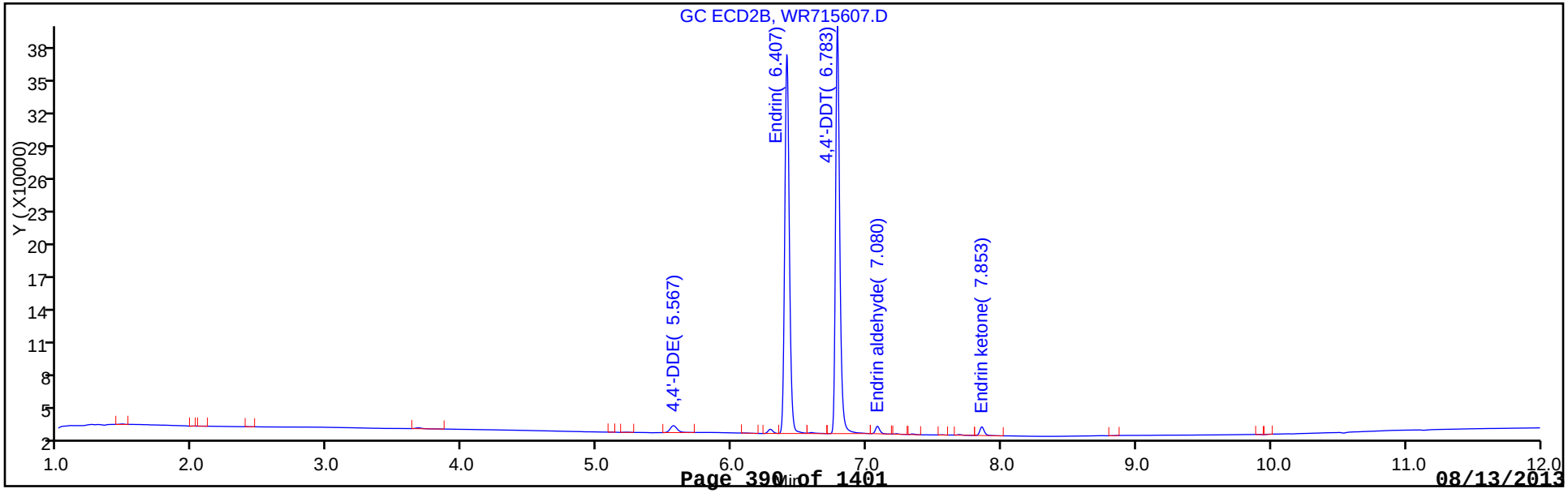
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715607.D		
Injection Date:	09-Aug-2013 09:04:29	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175266/3 Calibration Date: 08/09/2013 09:04

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715607.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.41	797662	3.91	15	
Endrin aldehyde	7.08	14670			
Endrin ketone	7.85	17760			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.78	788079	2.77	15	
4,4'-DDD		0			
4,4'-DDE	5.57	22424			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715607.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	09-Aug-2013 09:04:29	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003369-003		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	175266	Lims Sample ID:	3
Sublist:	chrom-8081GC4*sub6		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:04	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: kapoors Date: 09-Aug-2013 09:34:25

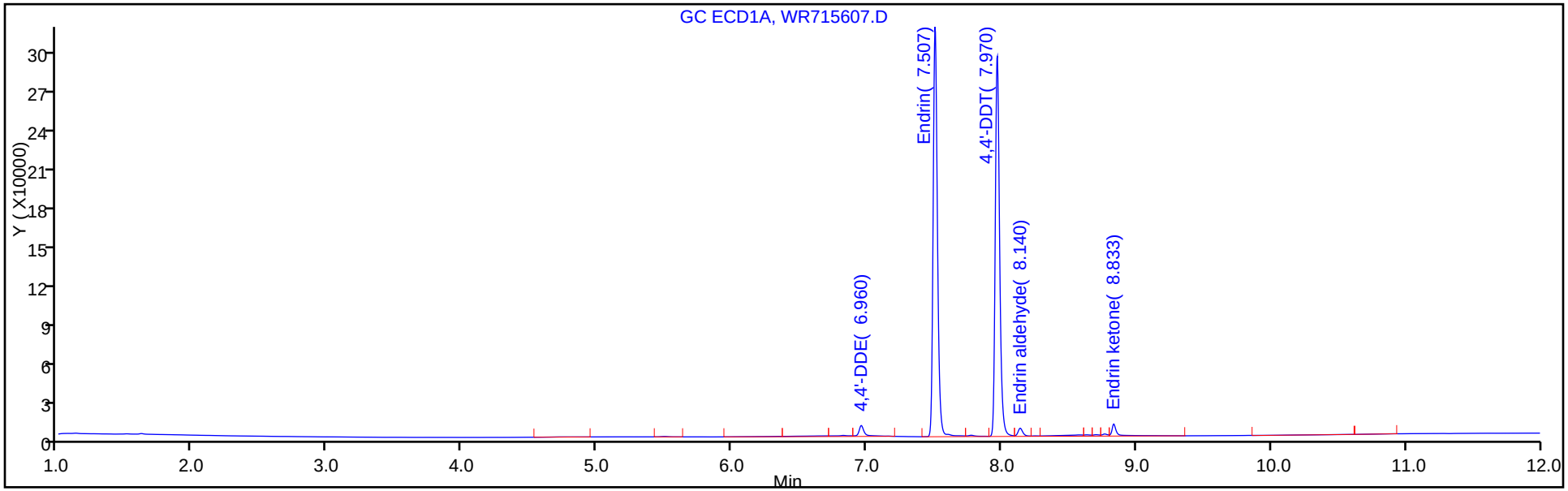
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.960	6.943	0.017	25041	6.92	
2	5.567	5.570	-0.003	22424	5.02	
					RPD = 31.87	
20 Endrin						
1	7.507	7.493	0.014	699054	212.0	
2	6.407	6.407	0.0	797662	202.6	
					RPD = 4.53	
21 4,4'-DDT						
1	7.970	7.953	0.017	655896	204.8	
2	6.783	6.783	0.0	788079	193.7	
					RPD = 5.56	
5 Endrin aldehyde						
1	8.140	8.123	0.017	16317	6.13	
2	7.080	7.077	0.003	14670	4.55	
					RPD = 29.61	
13 Endrin ketone						
1	8.833	8.823	0.010	25594	8.22	
2	7.853	7.853	0.0	17760	4.49	
					RPD = 58.58	

Report Date: 09-Aug-2013 11:10:08 Chrom Revision: 2.1 25-Jul-2013 20:19:50

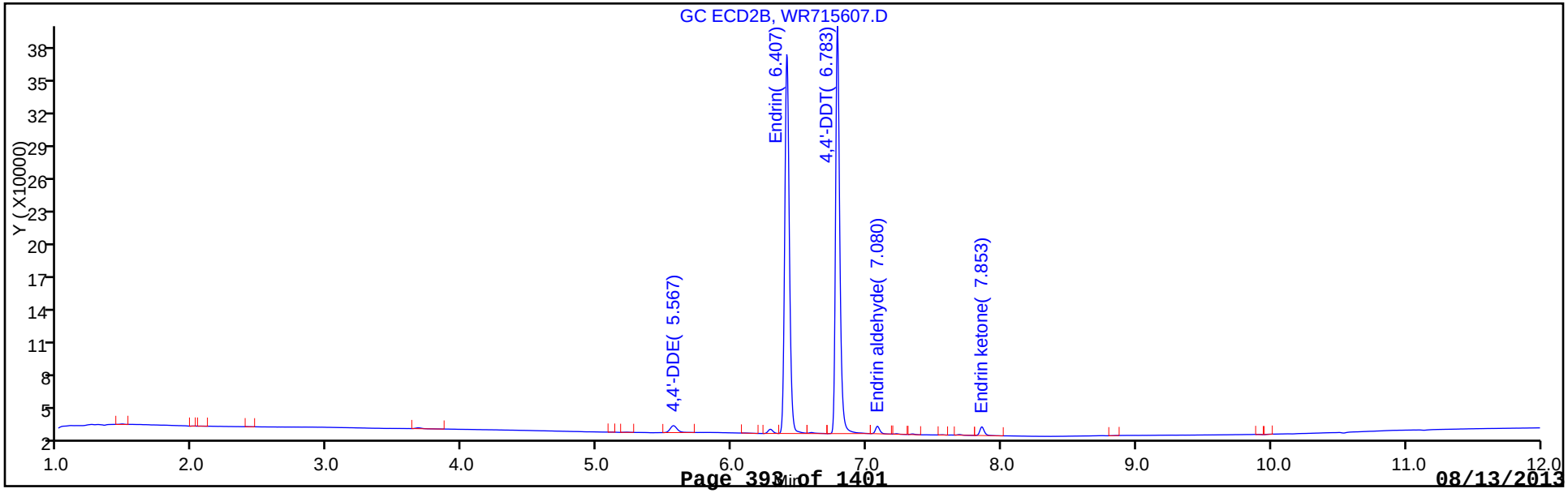
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715607.D		
Injection Date:	09-Aug-2013 09:04:29	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175660/19 Calibration Date: 08/09/2013 13:36

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715623.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.50	697430	8.50	15	
Endrin aldehyde	8.14	32336			
Endrin ketone	8.83	32444			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.96	683655	3.77	15	
4,4'-DDD		0			
4,4'-DDE	6.96	26761			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715623.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	09-Aug-2013 13:36:25	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003369-019		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	175660	Lims Sample ID:	19
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:59:05

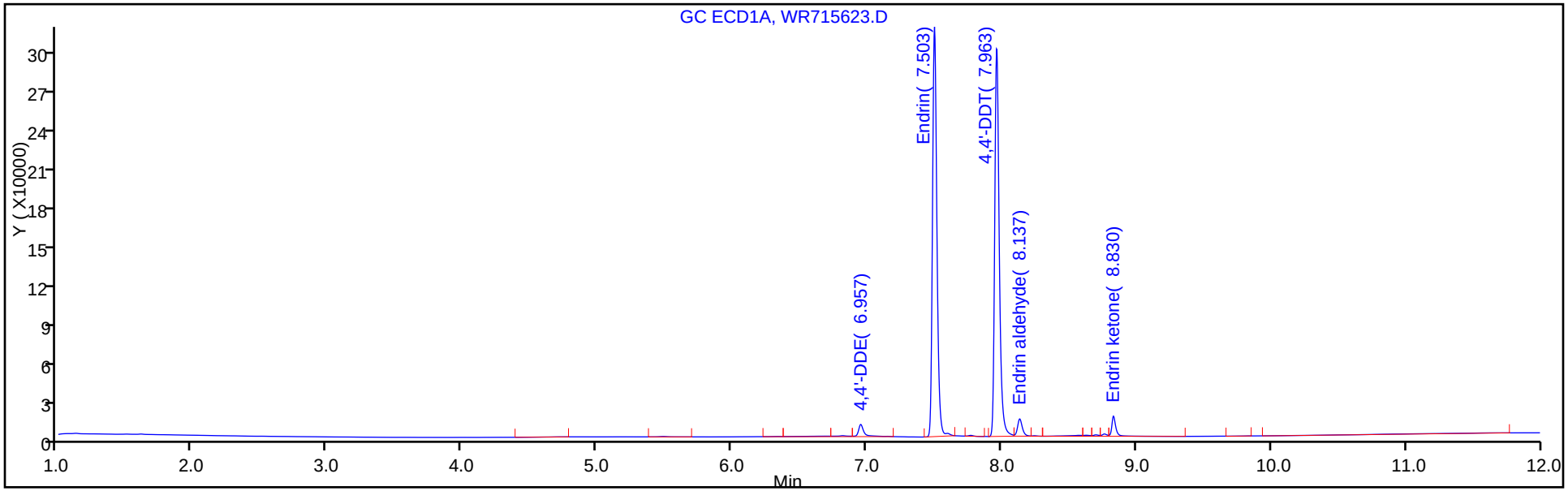
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.957	6.943	0.014	26761	7.39	
2	5.570	5.570	0.0	26768	5.99	
					RPD = 21.00	
20 Endrin						
1	7.503	7.493	0.010	697430	211.5	
2	6.407	6.407	0.0	816890	207.5	
					RPD = 1.92	
21 4,4'-DDT						
1	7.963	7.953	0.010	683655	213.5	
2	6.783	6.783	0.0	853343	209.8	
					RPD = 1.75	
5 Endrin aldehyde						
1	8.137	8.123	0.014	32336	12.1	
2	7.080	7.077	0.003	35441	11.0	
					RPD = 10.02	
13 Endrin ketone						
1	8.830	8.823	0.007	32444	10.4	
2	7.853	7.853	0.0	34045	8.62	
					RPD = 18.94	

Report Date: 12-Aug-2013 10:40:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

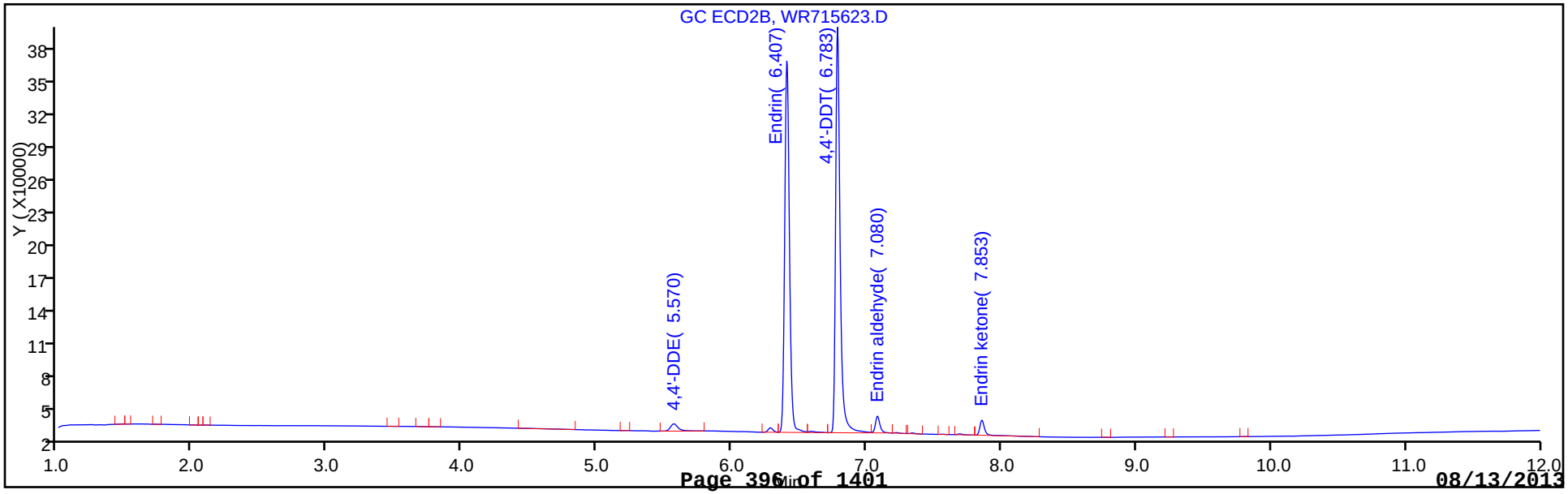
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715623.D		
Injection Date:	09-Aug-2013 13:36:25	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175660/19 Calibration Date: 08/09/2013 13:36

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715623.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.41	816890	7.84	15	
Endrin aldehyde	7.08	35441			
Endrin ketone	7.85	34045			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.78	853343	3.04	15	
4,4'-DDD		0			
4,4'-DDE	5.57	26768			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715623.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	09-Aug-2013 13:36:25	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003369-019		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	175660	Lims Sample ID:	19
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:59:05

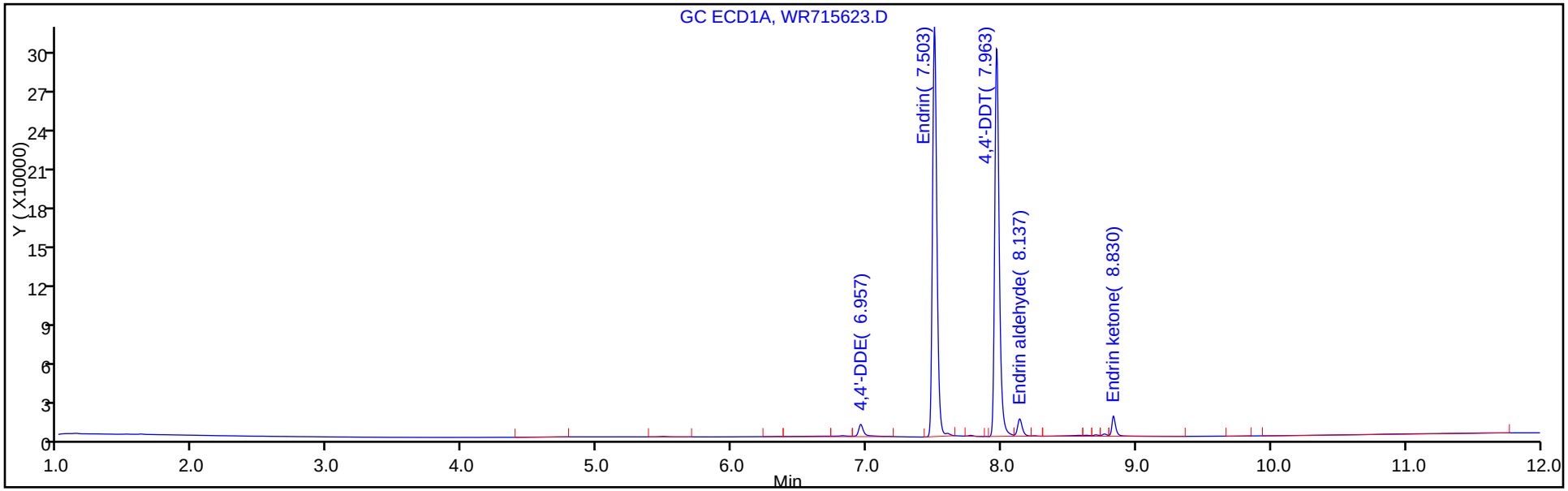
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.957	6.943	0.014	26761	7.39	
2	5.570	5.570	0.0	26768	5.99	
					RPD = 21.00	
20 Endrin						
1	7.503	7.493	0.010	697430	211.5	
2	6.407	6.407	0.0	816890	207.5	
					RPD = 1.92	
21 4,4'-DDT						
1	7.963	7.953	0.010	683655	213.5	
2	6.783	6.783	0.0	853343	209.8	
					RPD = 1.75	
5 Endrin aldehyde						
1	8.137	8.123	0.014	32336	12.1	
2	7.080	7.077	0.003	35441	11.0	
					RPD = 10.02	
13 Endrin ketone						
1	8.830	8.823	0.007	32444	10.4	
2	7.853	7.853	0.0	34045	8.62	
					RPD = 18.94	

Report Date: 12-Aug-2013 10:40:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

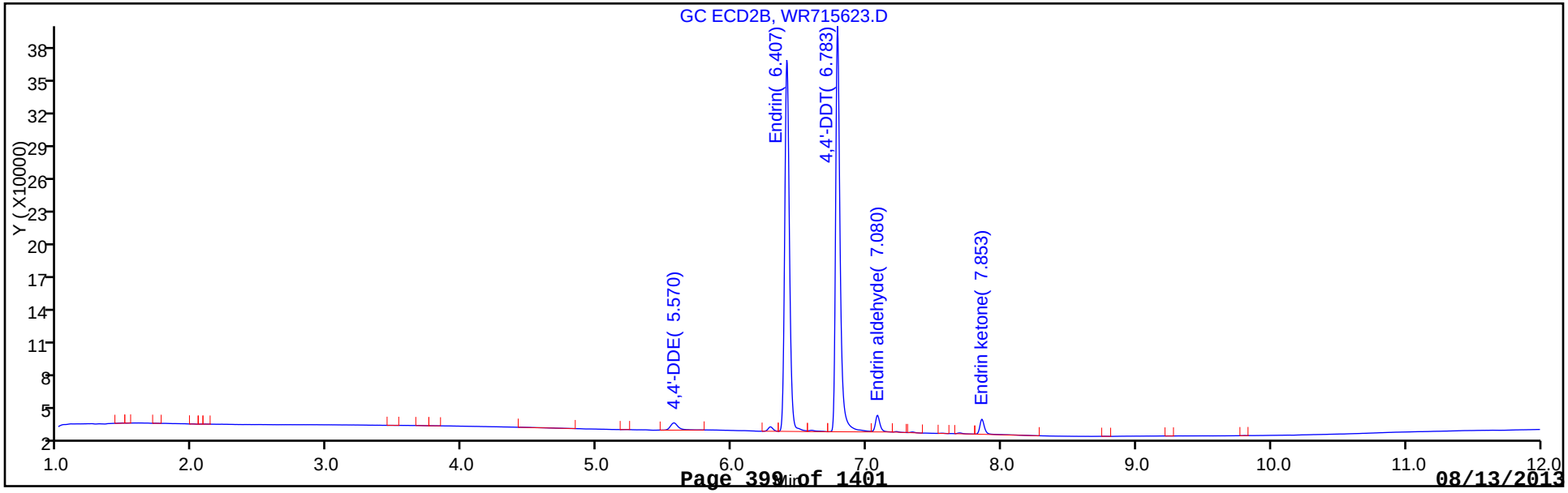
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715623.D		
Injection Date:	09-Aug-2013 13:36:25	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	19
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175563/3 Calibration Date: 08/11/2013 12:58

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096477.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.13	55126080	8.32	15	
Endrin aldehyde	7.53	3027274			
Endrin ketone	8.24	1974545			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.42	52172449	2.98	15	
4,4'-DDD		0			
4,4'-DDE	6.79	1603358			

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096477.D		
Lims ID:	PEM	Client ID:	
Inject. Date:	11-Aug-2013 12:58:19	Dil. Factor:	1.0000
Sample Type:	PEM		
Sample ID:	460-0003431-003		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	14
Lims Batch ID:	175563	Lims Sample ID:	3
Sublist:			
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:26	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

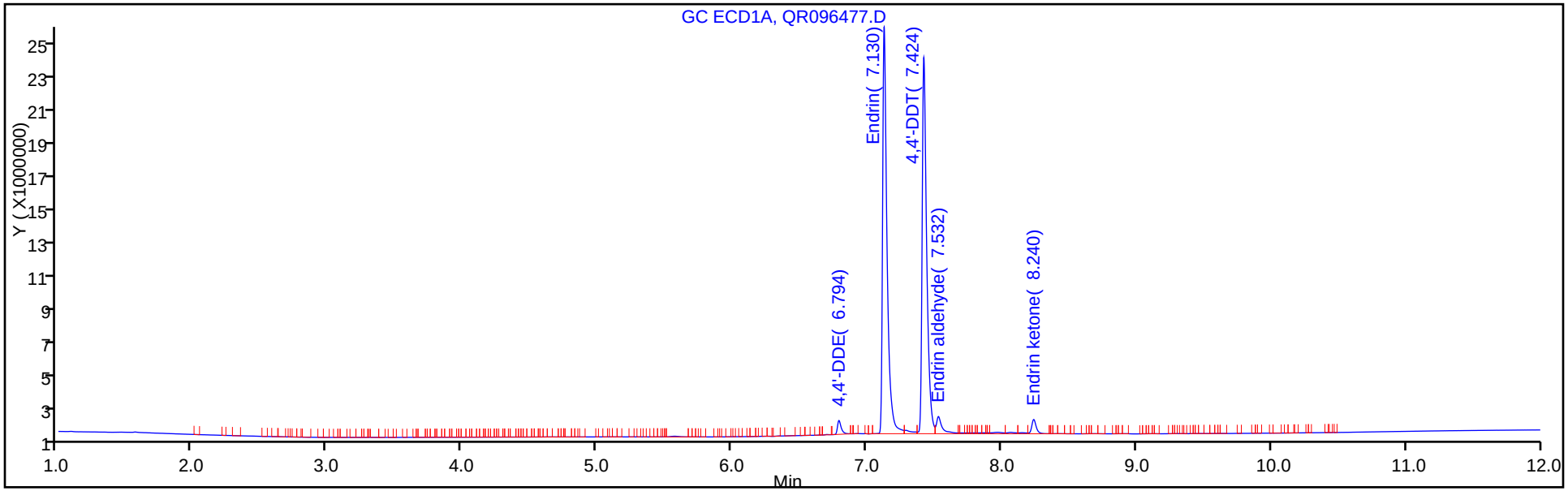
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.794	6.795	-0.001	1603358	6.14	
2	5.766	5.764	0.002	2564158	7.02	
					RPD = 13.40	
20 Endrin						
1	7.130	7.129	0.001	55126080	257.2	
2	6.450	6.449	0.001	73245670	240.9	
					RPD = 6.53	
21 4,4'-DDT						
1	7.424	7.424	0.0	52172449	255.0	
2	6.716	6.716	0.0	76309694	231.6	
					RPD = 9.62	
5 Endrin aldehyde						
1	7.532	7.534	-0.002	3027274	15.3	
2	6.915	6.914	0.001	7339380	24.8	
					RPD = 47.17	
13 Endrin ketone						
1	8.240	8.241	-0.001	1974545	8.72	
2	7.393	7.394	-0.001	4000240	11.1	
					RPD = 23.77	

Report Date: 12-Aug-2013 10:22:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

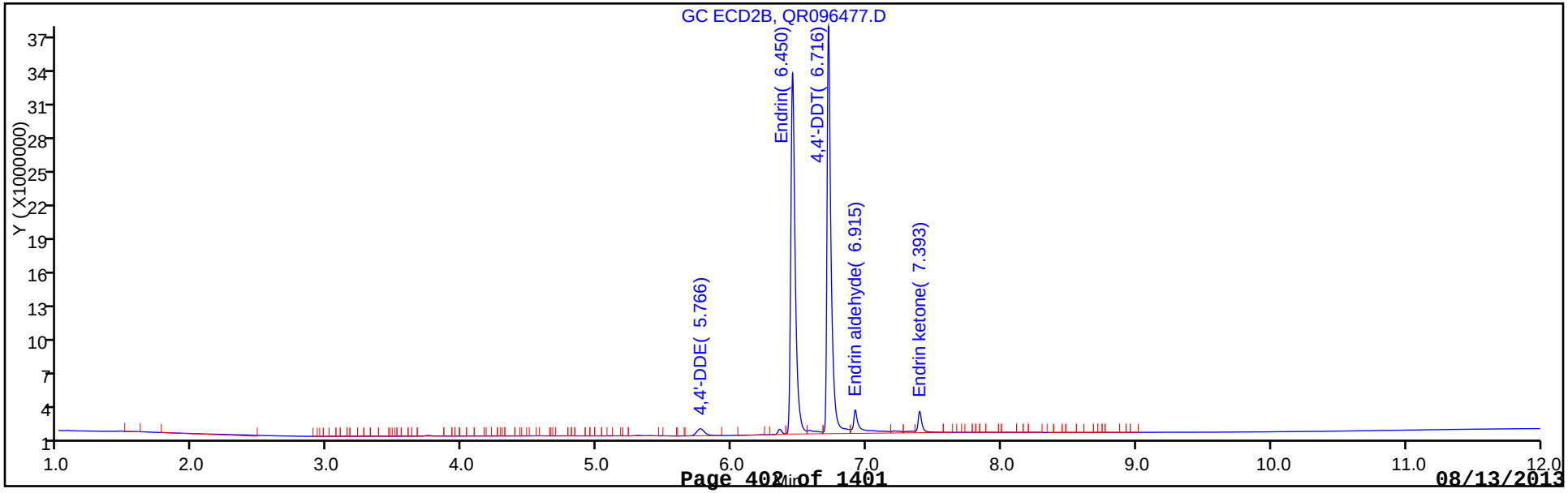
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096477.D		
Injection Date:	11-Aug-2013 12:58:19	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: PEM 460-175563/3 Calibration Date: 08/11/2013 12:58

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096477.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.45	73245670	13.41	15	
Endrin aldehyde	6.92	7339380			
Endrin ketone	7.39	4000240			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.72	76309694	3.25	15	
4,4'-DDD		0			
4,4'-DDE	5.77	2564158			

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096477.D
Lims ID: PEM
Client ID:
Inject. Date: 11-Aug-2013 12:58:19
Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: 460-0003431-003
Misc. Info.:
Operator:
Instrument ID: CPESTGC8
Injection Vol: 1.0 ul
ALS Bottle#: 14
Lims Batch ID: 175563
Lims Sample ID: 3
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m
Last Update: 12-Aug-2013 10:22:26
Calib Date: 11-Aug-2013 11:53:45
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D
Limit Group: GC 8081A PEST
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK023

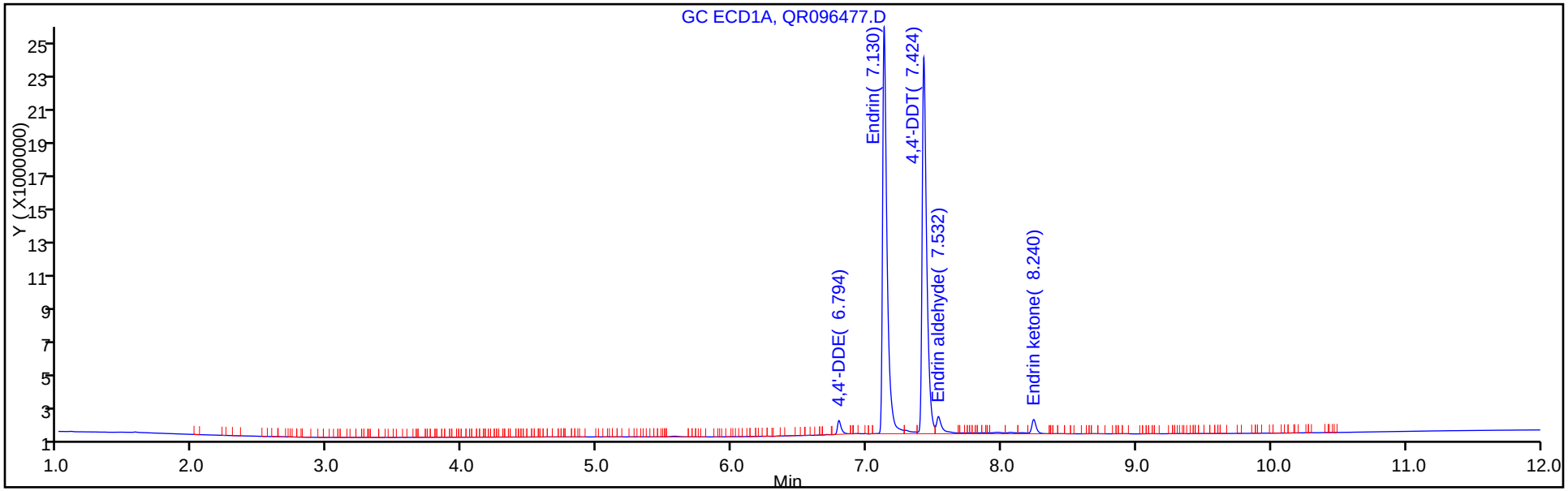
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
25 4,4'-DDE						
1	6.794	6.795	-0.001	1603358	6.14	
2	5.766	5.764	0.002	2564158	7.02	
					RPD = 13.40	
20 Endrin						
1	7.130	7.129	0.001	55126080	257.2	
2	6.450	6.449	0.001	73245670	240.9	
					RPD = 6.53	
21 4,4'-DDT						
1	7.424	7.424	0.0	52172449	255.0	
2	6.716	6.716	0.0	76309694	231.6	
					RPD = 9.62	
5 Endrin aldehyde						
1	7.532	7.534	-0.002	3027274	15.3	
2	6.915	6.914	0.001	7339380	24.8	
					RPD = 47.17	
13 Endrin ketone						
1	8.240	8.241	-0.001	1974545	8.72	
2	7.393	7.394	-0.001	4000240	11.1	
					RPD = 23.77	

Report Date: 12-Aug-2013 10:22:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

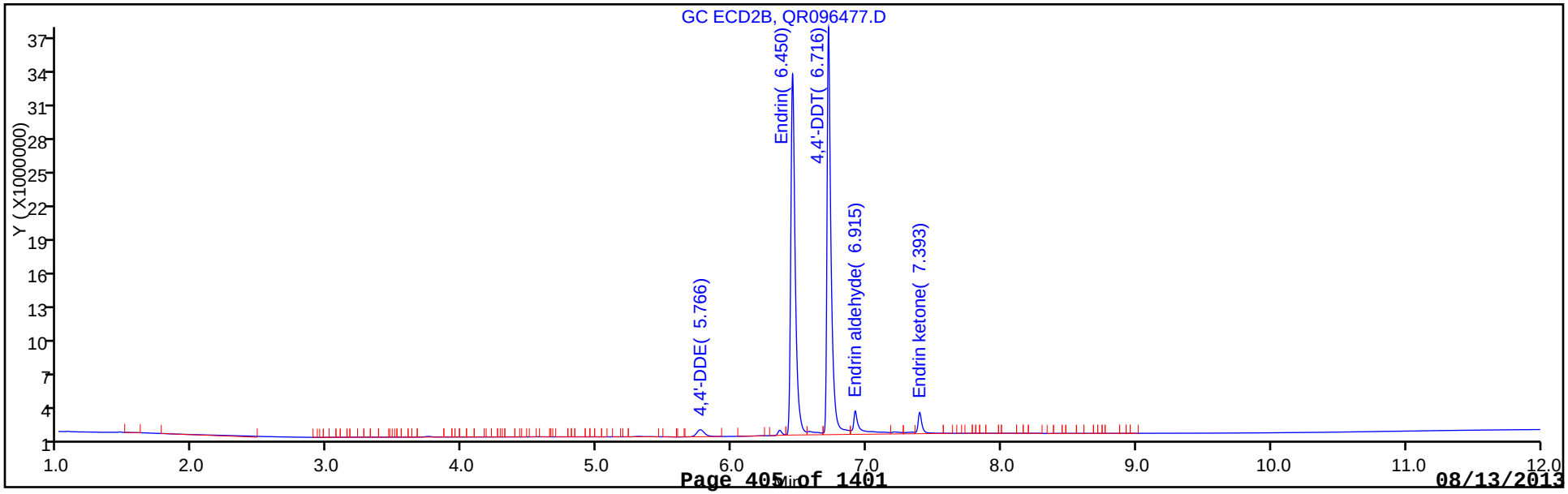
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096477.D		
Injection Date:	11-Aug-2013 12:58:19	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	3
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/32 Calibration Date: 08/07/2013 16:52

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715517.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5365	5744		107	100	7.1	15.0
gamma-BHC (Lindane)	Ave	4713	5054		107	100	7.2	15.0
beta-BHC	Ave	2337	2468		106	100	5.6	15.0
delta-BHC	Ave	4486	4910		109	100	9.4	15.0
Heptachlor	Ave	3531	4279		121	100	21.2*	15.0
Aldrin	Ave	4247	4645		109	100	9.4	15.0
Heptachlor epoxide	Ave	3535	3732		106	100	5.6	15.0
gamma-Chlordane	Ave	3436	3643		106	100	6.0	15.0
alpha-Chlordane	Ave	3229	3379		105	100	4.6	15.0
Endosulfan I	Ave	3148	3348		106	100	6.4	15.0
4,4'-DDE	Ave	3291	3473		106	100	5.5	15.0
Dieldrin	Ave	3386	3613		107	100	6.7	15.0
Endrin	Ave	2983	3180		107	100	6.6	15.0
4,4'-DDD	Ave	2684	2968		111	100	10.6	15.0
Endosulfan II	Ave	2964	3160		107	100	6.6	15.0
4,4'-DDT	Ave	2874	2991		104	100	4.1	15.0
Endrin aldehyde	Ave	2317	2443		105	100	5.4	15.0
Endosulfan sulfate	Ave	2512	2640		105	100	5.1	15.0
Methoxychlor	Ave	1477	1498		101	100	1.4	15.0
Endrin ketone	Ave	2819	2957		105	100	4.9	15.0
Tetrachloro-m-xylene	Ave	3951	4181		106	100	5.8	15.0
DCB Decachlorobiphenyl	Ave	2216	2353		106	100	6.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/32 Calibration Date: 08/07/2013 16:52

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715517.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.34	3.31	3.41
gamma-BHC (Lindane)	4.01	3.97	4.07
beta-BHC	4.15	4.11	4.21
delta-BHC	4.69	4.65	4.75
Heptachlor	4.81	4.78	4.88
Aldrin	5.44	5.40	5.50
Heptachlor epoxide	6.42	6.36	6.50
gamma-Chlordane	6.64	6.58	6.72
alpha-Chlordane	6.80	6.74	6.88
Endosulfan I	6.87	6.80	6.94
4,4'-DDE	6.96	6.90	7.04
Dieldrin	7.16	7.10	7.24
Endrin	7.51	7.45	7.59
4,4'-DDD	7.60	7.54	7.68
Endosulfan II	7.75	7.69	7.83
4,4'-DDT	7.97	7.91	8.05
Endrin aldehyde	8.14	8.08	8.22
Endosulfan sulfate	8.41	8.35	8.49
Methoxychlor	8.63	8.56	8.70
Endrin ketone	8.83	8.77	8.91
Tetrachloro-m-xylene	2.32	2.28	2.38
DCB Decachlorobiphenyl	9.83	9.74	9.94

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	07-Aug-2013 16:52:20	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003255-032		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	174875	Lims Sample ID:	32
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 12:05:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:04:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.330	-0.010	418135	105.8	
2	1.810	1.817	-0.007	405010	107.5	
					RPD = 1.60	
15 alpha-BHC						
1	3.340	3.357	-0.017	574378	107.1	
2	2.293	2.300	-0.007	582663	105.8	
					RPD = 1.19	
2 gamma-BHC (Lindane)						
1	4.007	4.023	-0.016	505358	107.2	
2	2.670	2.680	-0.010	550688	108.5	
					RPD = 1.20	
6 beta-BHC						
1	4.150	4.163	-0.013	246845	105.6	
2	2.797	2.807	-0.010	259374	107.3	
					RPD = 1.63	
32 delta-BHC						
1	4.690	4.703	-0.013	490980	109.4	
2	3.093	3.103	-0.010	563859	112.5	
					RPD = 2.72	
18 Heptachlor						M
1	4.810	4.827	-0.017	427882	121.2	
2	3.443	3.457	-0.014	519620	116.2	M
					RPD = 4.22	
8 Aldrin						
1	5.437	5.453	-0.016	464508	109.4	
2	3.943	3.957	-0.014	525529	117.1	
					RPD = 6.86	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.433	-0.010	373168	105.6	
2	4.953	4.970	-0.017	461386	117.1	
					RPD = 10.39	
9 gamma-Chlordane						
1	6.640	6.650	-0.010	364328	106.0	
2	5.177	5.190	-0.013	471586	117.8	
					RPD = 10.52	
23 alpha-Chlordane						
1	6.797	6.807	-0.010	337868	104.6	
2	5.417	5.433	-0.016	450938	116.6	
					RPD = 10.86	
7 Endosulfan I						
1	6.867	6.873	-0.006	334780	106.4	
2	5.667	5.683	-0.016	448040	119.2	
					RPD = 11.35	
25 4,4'-DDE						
1	6.957	6.967	-0.010	347284	105.5	
2	5.570	5.583	-0.013	431705	114.0	
					RPD = 7.72	
30 Dieldrin						
1	7.163	7.170	-0.007	361320	106.7	
2	6.100	6.113	-0.013	438840	113.8	
					RPD = 6.46	
20 Endrin						
1	7.507	7.517	-0.010	318034	106.6	
2	6.410	6.420	-0.010	371188	112.3	
					RPD = 5.16	
16 4,4'-DDD						M
1	7.603	7.610	-0.007	296807	110.6	
2	6.490	6.500	-0.010	347442	114.4	M
					RPD = 3.44	
11 Endosulfan II						M
1	7.747	7.757	-0.010	316008	106.6	
2	6.653	6.660	-0.007	347579	111.8	M
					RPD = 4.74	
21 4,4'-DDT						
1	7.970	7.977	-0.007	299117	104.1	
2	6.787	6.793	-0.006	358097	109.8	
					RPD = 5.37	
5 Endrin aldehyde						
1	8.137	8.147	-0.010	244288	105.4	
2	7.080	7.087	-0.007	288588	112.1	
					RPD = 6.12	
3 Endosulfan sulfate						
1	8.410	8.417	-0.007	263950	105.1	
2	7.547	7.553	-0.006	321606	109.7	
					RPD = 4.26	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	149820	101.4	
2	7.297	7.300	-0.003	176371	103.5	
					RPD = 2.04	
13 Endrin ketone						
1	8.833	8.837	-0.004	295660	104.9	
2	7.857	7.863	-0.006	374592	113.2	
					RPD = 7.65	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.837	-0.004	235301	106.2	
2	8.780	8.783	-0.003	293048	111.3	
					RPD = 4.68	

QC Flag Legend

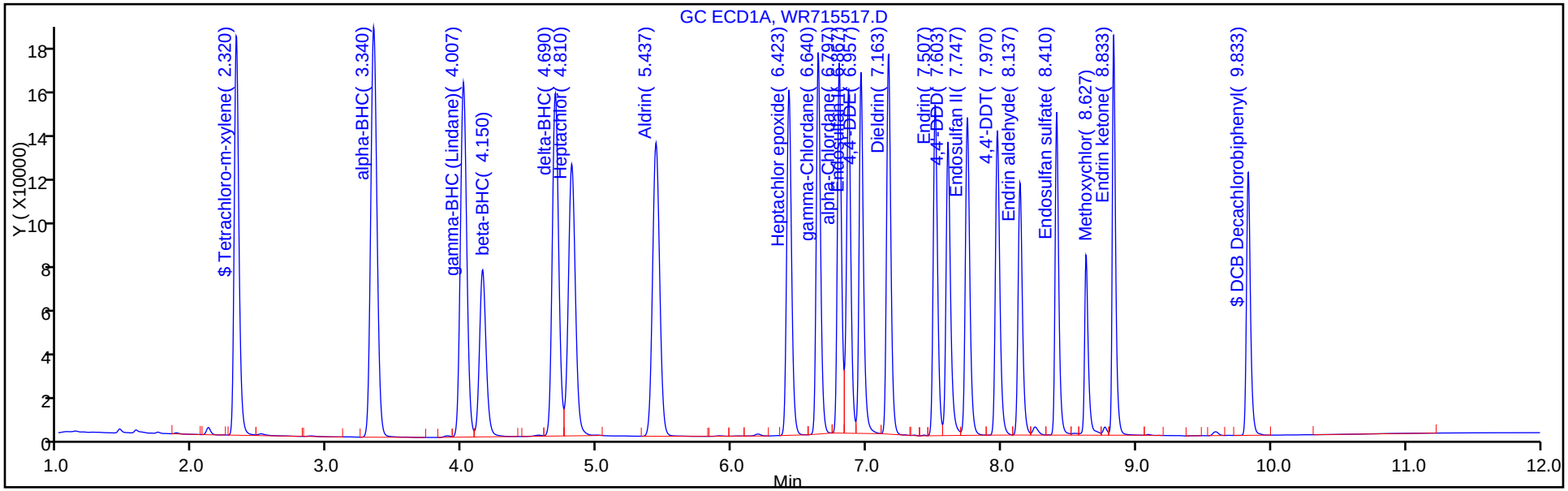
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 12:05:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

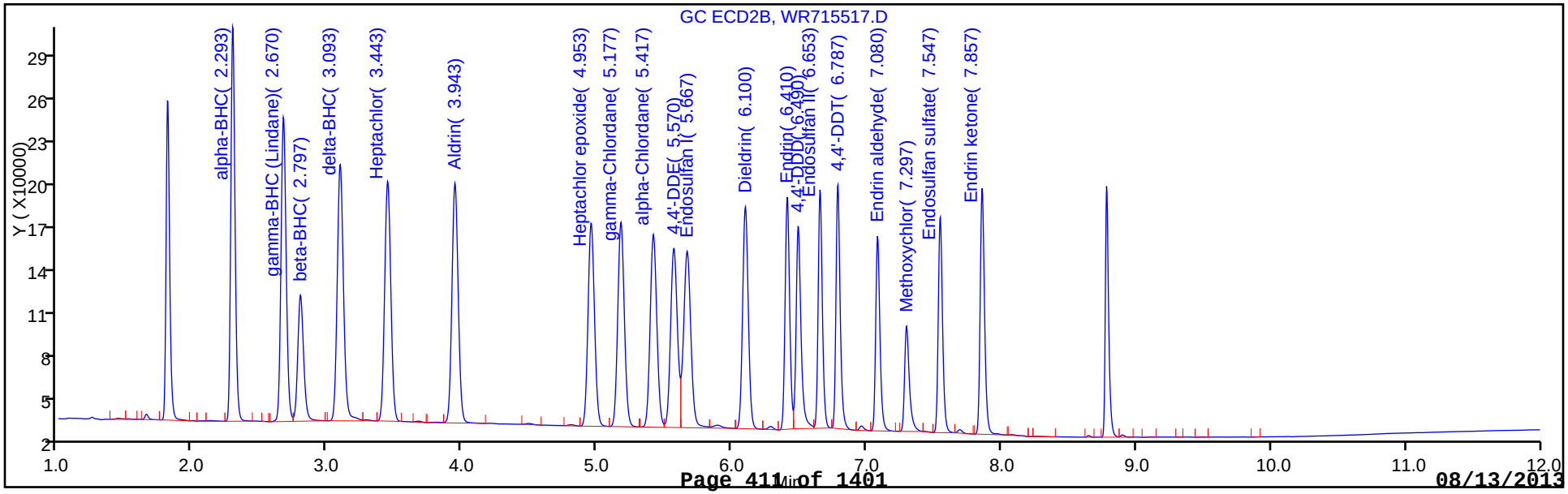
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Injection Date:	07-Aug-2013 16:52:20	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/32 Calibration Date: 08/07/2013 16:52

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715517.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5508	5827		106	100	5.8	15.0
gamma-BHC (Lindane)	Ave	5075	5507		109	100	8.5	15.0
beta-BHC	Ave	2416	2594		107	100	7.3	15.0
delta-BHC	Ave	5014	5639		112	100	12.5	15.0
Heptachlor	Ave	4473	5196		116	100	16.2*	15.0
Aldrin	Ave	4487	5255		117	100	17.1*	15.0
Heptachlor epoxide	Ave	3939	4614		117	100	17.1*	15.0
gamma-Chlordane	Ave	4003	4716		118	100	17.8*	15.0
alpha-Chlordane	Ave	3866	4509		117	100	16.6*	15.0
4,4'-DDE	Ave	3787	4317		114	100	14.0	15.0
Endosulfan I	Ave	3760	4480		119	100	19.2*	15.0
Dieldrin	Ave	3855	4388		114	100	13.8	15.0
Endrin	Ave	3306	3712		112	100	12.3	15.0
4,4'-DDD	Ave	3036	3474		114	100	14.4	15.0
Endosulfan II	Ave	3109	3476		112	100	11.8	15.0
4,4'-DDT	Ave	3260	3581		110	100	9.8	15.0
Endrin aldehyde	Ave	2574	2886		112	100	12.1	15.0
Methoxychlor	Ave	1704	1764		104	100	3.5	15.0
Endosulfan sulfate	Ave	2933	3216		110	100	9.7	15.0
Endrin ketone	Ave	3309	3746		113	100	13.2	15.0
Tetrachloro-m-xylene	Ave	3767	4050		108	100	7.5	15.0
DCB Decachlorobiphenyl	Ave	2633	2930		111	100	11.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/32 Calibration Date: 08/07/2013 16:52

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715517.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.29	2.25	2.35
gamma-BHC (Lindane)	2.67	2.63	2.73
beta-BHC	2.80	2.76	2.86
delta-BHC	3.09	3.05	3.15
Heptachlor	3.44	3.41	3.51
Aldrin	3.94	3.91	4.01
Heptachlor epoxide	4.95	4.90	5.04
gamma-Chlordane	5.18	5.12	5.26
alpha-Chlordane	5.42	5.36	5.50
4,4'-DDE	5.57	5.51	5.65
Endosulfan I	5.67	5.61	5.75
Dieldrin	6.10	6.04	6.18
Endrin	6.41	6.35	6.49
4,4'-DDD	6.49	6.43	6.57
Endosulfan II	6.65	6.59	6.73
4,4'-DDT	6.79	6.72	6.86
Endrin aldehyde	7.08	7.02	7.16
Methoxychlor	7.30	7.23	7.37
Endosulfan sulfate	7.55	7.48	7.62
Endrin ketone	7.86	7.79	7.93
Tetrachloro-m-xylene	1.81	1.77	1.87
DCB Decachlorobiphenyl	8.78	8.68	8.88

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	07-Aug-2013 16:52:20	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003255-032		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	32
Lims Batch ID:	174875	Lims Sample ID:	32
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 12:05:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:04:41

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.330	-0.010	418135	105.8	
2	1.810	1.817	-0.007	405010	107.5	
					RPD = 1.60	
15 alpha-BHC						
1	3.340	3.357	-0.017	574378	107.1	
2	2.293	2.300	-0.007	582663	105.8	
					RPD = 1.19	
2 gamma-BHC (Lindane)						
1	4.007	4.023	-0.016	505358	107.2	
2	2.670	2.680	-0.010	550688	108.5	
					RPD = 1.20	
6 beta-BHC						
1	4.150	4.163	-0.013	246845	105.6	
2	2.797	2.807	-0.010	259374	107.3	
					RPD = 1.63	
32 delta-BHC						
1	4.690	4.703	-0.013	490980	109.4	
2	3.093	3.103	-0.010	563859	112.5	
					RPD = 2.72	
18 Heptachlor						M
1	4.810	4.827	-0.017	427882	121.2	
2	3.443	3.457	-0.014	519620	116.2	M
					RPD = 4.22	
8 Aldrin						
1	5.437	5.453	-0.016	464508	109.4	
2	3.943	3.957	-0.014	525529	117.1	
					RPD = 6.86	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.433	-0.010	373168	105.6	
2	4.953	4.970	-0.017	461386	117.1	
					RPD = 10.39	
9 gamma-Chlordane						
1	6.640	6.650	-0.010	364328	106.0	
2	5.177	5.190	-0.013	471586	117.8	
					RPD = 10.52	
23 alpha-Chlordane						
1	6.797	6.807	-0.010	337868	104.6	
2	5.417	5.433	-0.016	450938	116.6	
					RPD = 10.86	
7 Endosulfan I						
1	6.867	6.873	-0.006	334780	106.4	
2	5.667	5.683	-0.016	448040	119.2	
					RPD = 11.35	
25 4,4'-DDE						
1	6.957	6.967	-0.010	347284	105.5	
2	5.570	5.583	-0.013	431705	114.0	
					RPD = 7.72	
30 Dieldrin						
1	7.163	7.170	-0.007	361320	106.7	
2	6.100	6.113	-0.013	438840	113.8	
					RPD = 6.46	
20 Endrin						
1	7.507	7.517	-0.010	318034	106.6	
2	6.410	6.420	-0.010	371188	112.3	
					RPD = 5.16	
16 4,4'-DDD						M
1	7.603	7.610	-0.007	296807	110.6	
2	6.490	6.500	-0.010	347442	114.4	M
					RPD = 3.44	
11 Endosulfan II						M
1	7.747	7.757	-0.010	316008	106.6	
2	6.653	6.660	-0.007	347579	111.8	M
					RPD = 4.74	
21 4,4'-DDT						
1	7.970	7.977	-0.007	299117	104.1	
2	6.787	6.793	-0.006	358097	109.8	
					RPD = 5.37	
5 Endrin aldehyde						
1	8.137	8.147	-0.010	244288	105.4	
2	7.080	7.087	-0.007	288588	112.1	
					RPD = 6.12	
3 Endosulfan sulfate						
1	8.410	8.417	-0.007	263950	105.1	
2	7.547	7.553	-0.006	321606	109.7	
					RPD = 4.26	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	149820	101.4	
2	7.297	7.300	-0.003	176371	103.5	
					RPD = 2.04	
13 Endrin ketone						
1	8.833	8.837	-0.004	295660	104.9	
2	7.857	7.863	-0.006	374592	113.2	
					RPD = 7.65	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.837	-0.004	235301	106.2	
2	8.780	8.783	-0.003	293048	111.3	
					RPD = 4.68	

QC Flag Legend

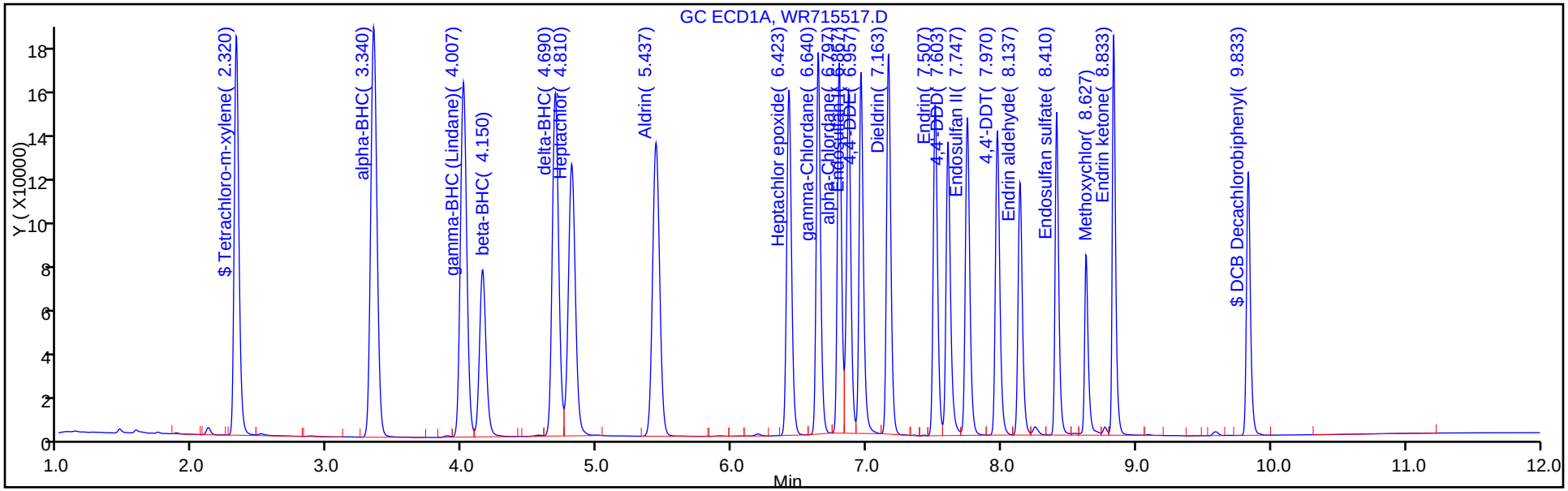
Review Flags
M - Manually Integrated

Report Date: 08-Aug-2013 12:05:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

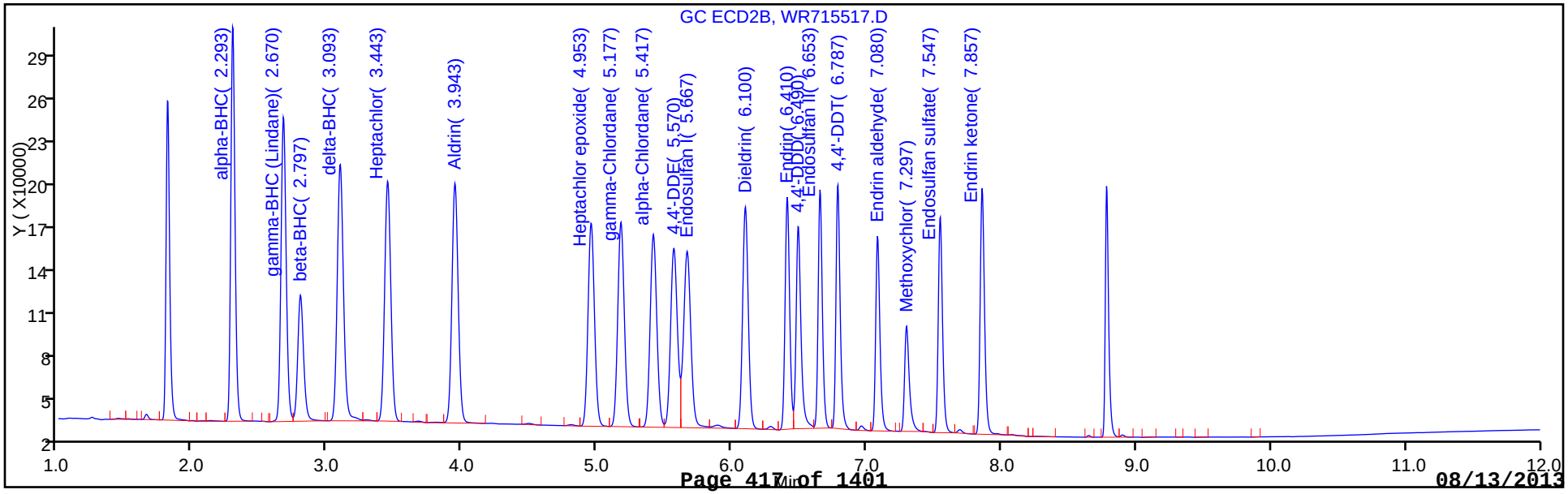
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Injection Date:	07-Aug-2013 16:52:20	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

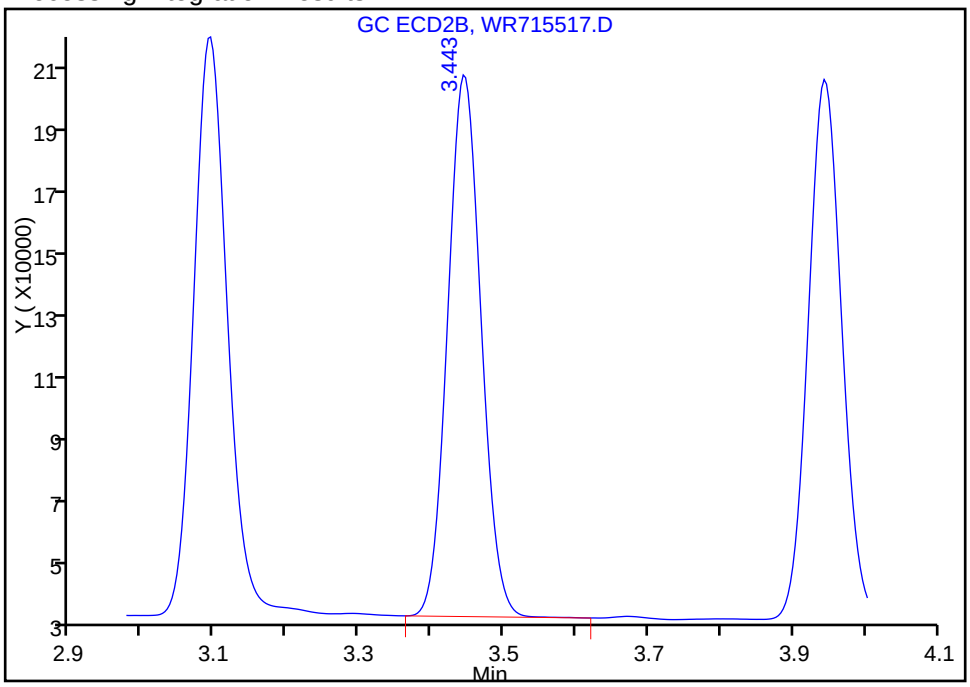
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Injection Date:	07-Aug-2013 16:52:20	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

18 Heptachlor, Signal: 2, Type: quant, RT: 3.46, Det: GC ECD2B

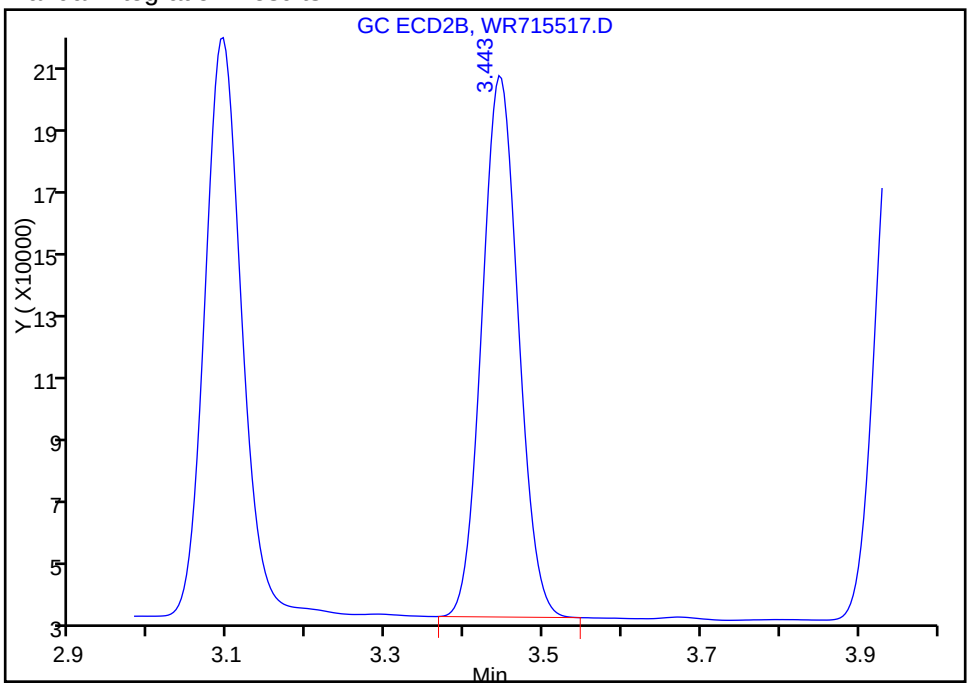
Processing Integration Results

RT: 3.44
Response: 520845
Amount: 116.4377



Manual Integration Results

RT: 3.44
Response: 519620
Amount: 116.1638



Reviewer: kapoors, 08-Aug-2013 08:04:41
Audit Action: Manually Integrated
Audit Reason: Wrong Peak

Manual Integration/User Assign Peak Report

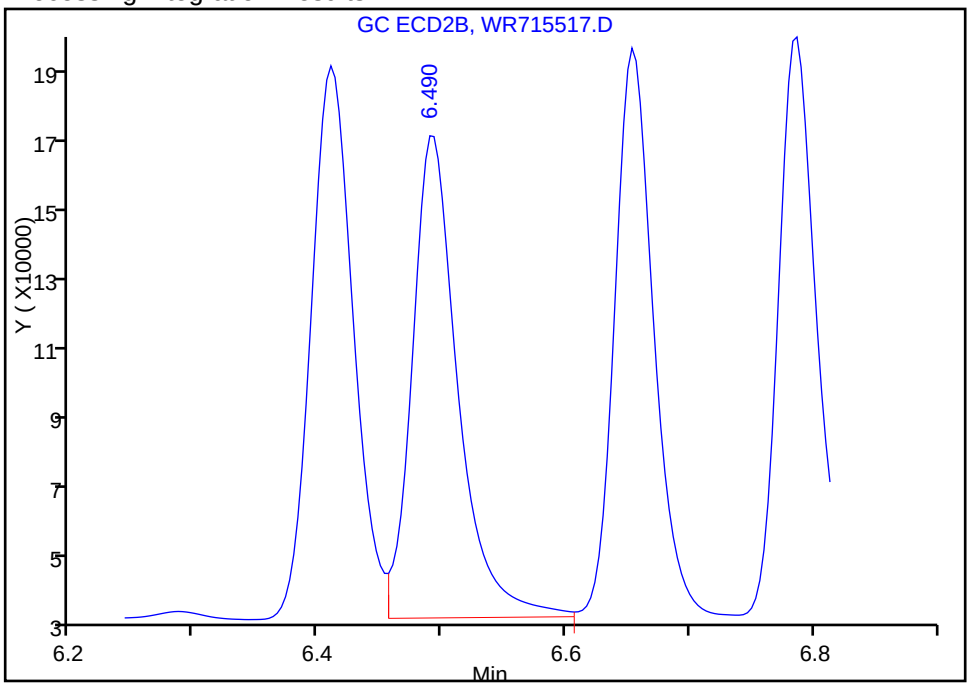
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Injection Date:	07-Aug-2013 16:52:20	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 2, Type: quant, RT: 6.50, Det: GC ECD2B

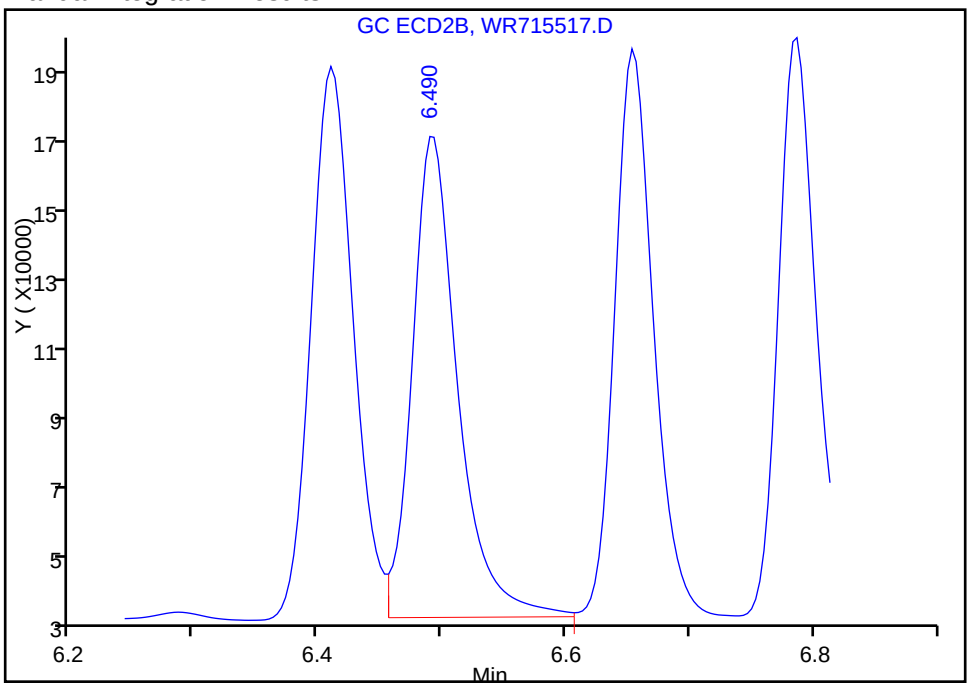
Processing Integration Results

RT: 6.49
Response: 350065
Amount: 115.3044



Manual Integration Results

RT: 6.49
Response: 347442
Amount: 114.4405



Reviewer: kapoors, 08-Aug-2013 10:49:19
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

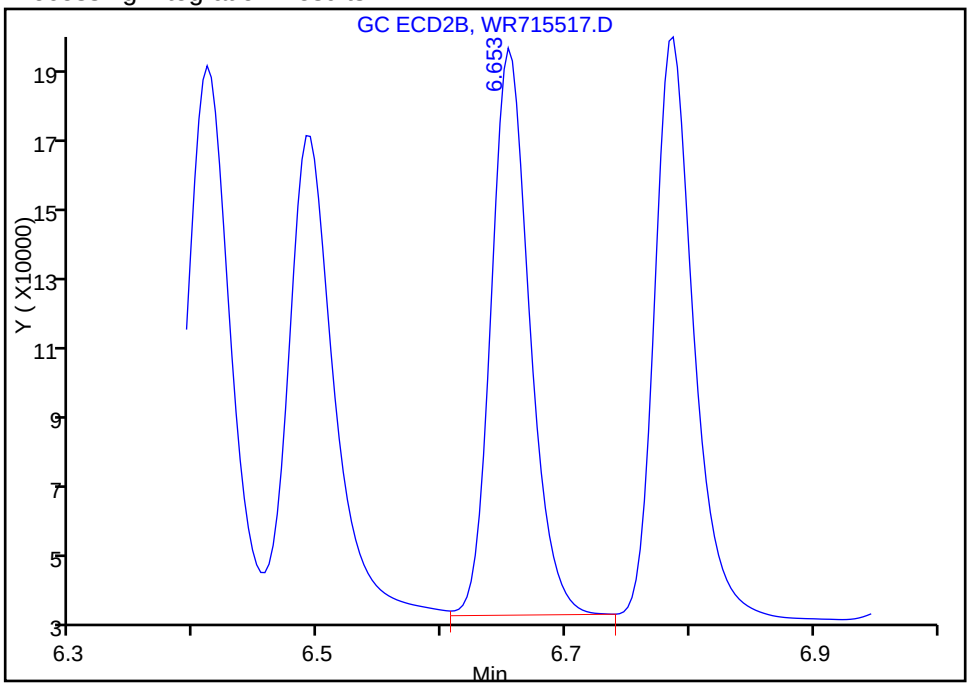
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715517.D		
Injection Date:	07-Aug-2013 16:52:20	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	32
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 2, Type: quant, RT: 6.66, Det: GC ECD2B

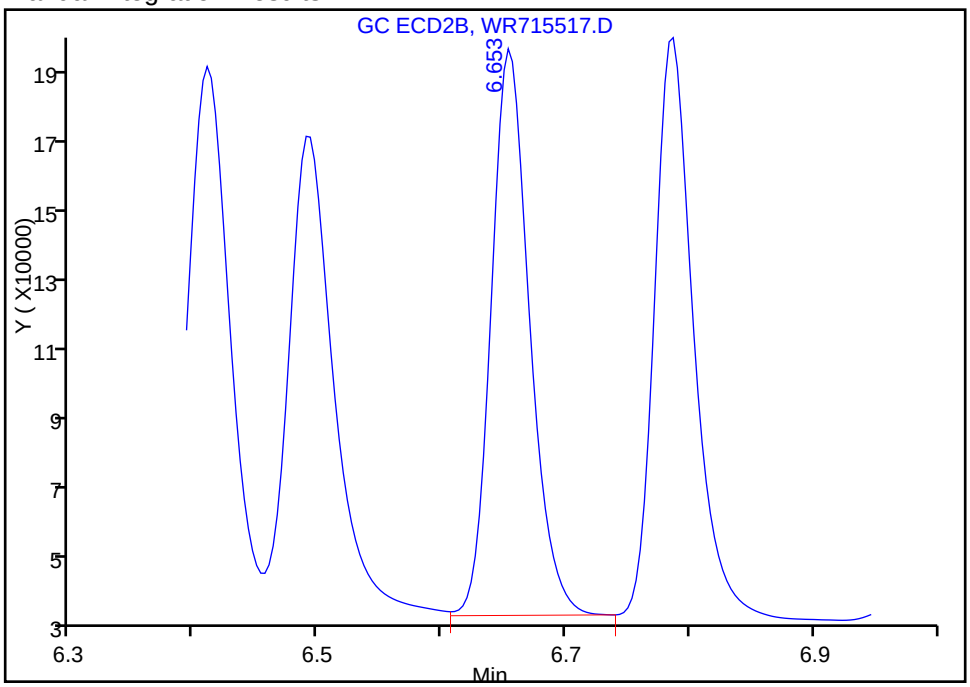
Processing Integration Results

RT: 6.65
Response: 348475
Amount: 112.0760



Manual Integration Results

RT: 6.65
Response: 347579
Amount: 111.7878



Reviewer: kapoors, 08-Aug-2013 10:49:19
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/58 Calibration Date: 08/07/2013 23:21

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715543.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5365	5558		104	100	3.6	15.0
gamma-BHC (Lindane)	Ave	4713	4913		104	100	4.2	15.0
beta-BHC	Ave	2337	2366		101	100	1.2	15.0
delta-BHC	Ave	4486	4786		107	100	6.7	15.0
Heptachlor	Ave	3531	4249		120	100	20.3*	15.0
Aldrin	Ave	4247	4513		106	100	6.2	15.0
Heptachlor epoxide	Ave	3535	3822		108	100	8.1	15.0
gamma-Chlordane	Ave	3436	3843		112	100	11.8	15.0
alpha-Chlordane	Ave	3229	3448		107	100	6.8	15.0
Endosulfan I	Ave	3148	3407		108	100	8.2	15.0
4,4'-DDE	Ave	3291	3648		111	100	10.8	15.0
Dieldrin	Ave	3386	3764		111	100	11.2	15.0
Endrin	Ave	2983	3108		104	100	4.2	15.0
4,4'-DDD	Ave	2684	3008		112	100	12.1	15.0
Endosulfan II	Ave	2964	3186		107	100	7.5	15.0
4,4'-DDT	Ave	2874	2923		102	100	1.7	15.0
Endrin aldehyde	Ave	2317	2429		105	100	4.8	15.0
Endosulfan sulfate	Ave	2512	2714		108	100	8.1	15.0
Methoxychlor	Ave	1477	1582		107	100	7.1	15.0
Endrin ketone	Ave	2819	3164		112	100	12.2	15.0
Tetrachloro-m-xylene	Ave	3951	4070		103	100	3.0	15.0
DCB Decachlorobiphenyl	Ave	2216	2359		106	100	6.4	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/58 Calibration Date: 08/07/2013 23:21

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715543.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.33	3.31	3.41
gamma-BHC (Lindane)	4.00	3.97	4.07
beta-BHC	4.14	4.11	4.21
delta-BHC	4.68	4.65	4.75
Heptachlor	4.80	4.78	4.88
Aldrin	5.43	5.40	5.50
Heptachlor epoxide	6.42	6.36	6.50
gamma-Chlordane	6.64	6.58	6.72
alpha-Chlordane	6.79	6.74	6.88
Endosulfan I	6.86	6.80	6.94
4,4'-DDE	6.95	6.90	7.04
Dieldrin	7.16	7.10	7.24
Endrin	7.50	7.45	7.59
4,4'-DDD	7.60	7.54	7.68
Endosulfan II	7.74	7.69	7.83
4,4'-DDT	7.97	7.91	8.05
Endrin aldehyde	8.13	8.08	8.22
Endosulfan sulfate	8.41	8.35	8.49
Methoxychlor	8.63	8.56	8.70
Endrin ketone	8.83	8.77	8.91
Tetrachloro-m-xylene	2.32	2.28	2.38
DCB Decachlorobiphenyl	9.83	9.74	9.94

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715543.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	07-Aug-2013 23:21:14	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	174875	Lims Sample ID:	58
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:55:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:57:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	407006	103.0	
2	1.813	1.817	-0.004	381134	101.2	
					RPD = 1.78	
15 alpha-BHC						
1	3.333	3.357	-0.024	555799	103.6	
2	2.293	2.300	-0.007	549001	99.7	
					RPD = 3.86	
2 gamma-BHC (Lindane)						
1	4.000	4.023	-0.023	491259	104.2	
2	2.670	2.680	-0.010	517581	102.0	
					RPD = 2.17	
6 beta-BHC						
1	4.143	4.163	-0.020	236620	101.2	
2	2.797	2.807	-0.010	246925	102.2	
					RPD = 0.94	
32 delta-BHC						
1	4.683	4.703	-0.020	478558	106.7	
2	3.090	3.103	-0.013	528476	105.4	
					RPD = 1.20	
18 Heptachlor						
1	4.803	4.827	-0.024	424886	120.3	
2	3.443	3.457	-0.014	490130	109.6	
					RPD = 9.35	
8 Aldrin						
1	5.430	5.453	-0.023	451261	106.2	
2	3.943	3.957	-0.014	493973	110.1	
					RPD = 3.57	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.420	6.433	-0.013	382183	108.1	
2	4.953	4.970	-0.017	435304	110.5	
					RPD = 2.20	
9 gamma-Chlordane						
1	6.637	6.650	-0.013	384258	111.8	
2	5.173	5.190	-0.017	443753	110.9	
					RPD = 0.88	
23 alpha-Chlordane						
1	6.793	6.807	-0.014	344786	106.8	
2	5.413	5.433	-0.020	422604	109.3	
					RPD = 2.36	
7 Endosulfan I						
1	6.860	6.873	-0.013	340712	108.2	
2	5.667	5.683	-0.016	416696	110.8	
					RPD = 2.36	
25 4,4'-DDE						
1	6.953	6.967	-0.014	364825	110.8	
2	5.567	5.583	-0.016	401012	105.9	
					RPD = 4.58	
30 Dieldrin						
1	7.157	7.170	-0.013	376358	111.2	
2	6.097	6.113	-0.016	418713	108.6	
					RPD = 2.32	
20 Endrin						
1	7.503	7.517	-0.014	310784	104.2	
2	6.410	6.420	-0.010	345752	104.6	
					RPD = 0.37	
16 4,4'-DDD						
1	7.600	7.610	-0.010	300784	112.1	
2	6.490	6.500	-0.010	342679	112.9	
					RPD = 0.73	
11 Endosulfan II						
1	7.743	7.757	-0.014	318587	107.5	
2	6.653	6.660	-0.007	340430	109.5	
					RPD = 1.85	
21 4,4'-DDT						
1	7.967	7.977	-0.010	292344	101.7	
2	6.783	6.793	-0.010	341364	104.7	
					RPD = 2.87	
5 Endrin aldehyde						
1	8.133	8.147	-0.014	242857	104.8	
2	7.080	7.087	-0.007	273143	106.1	
					RPD = 1.21	
3 Endosulfan sulfate						
1	8.407	8.417	-0.010	271414	108.1	
2	7.543	7.553	-0.010	304722	103.9	
					RPD = 3.92	

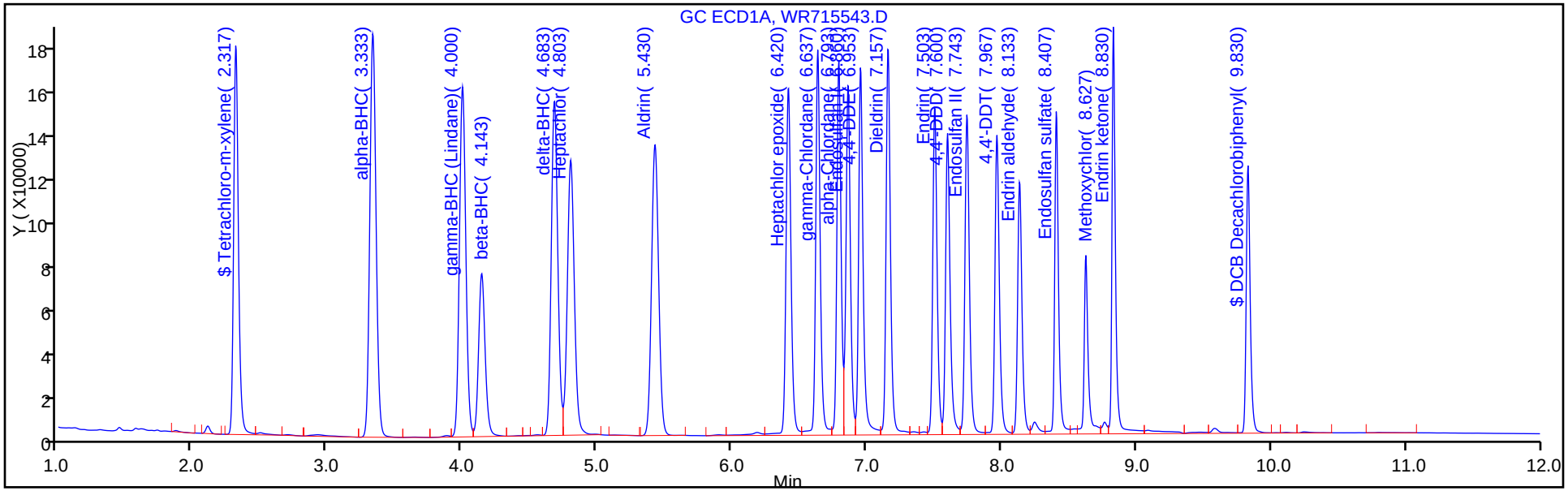
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	158201	107.1	
2	7.293	7.300	-0.007	163118	95.7	
					RPD = 11.21	
13 Endrin ketone						
1	8.830	8.837	-0.007	316396	112.2	
2	7.857	7.863	-0.006	358904	108.5	
					RPD = 3.41	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	235858	106.4	
2	8.780	8.783	-0.003	268349	101.9	
					RPD = 4.36	

Report Date: 08-Aug-2013 13:55:54 Chrom Revision: 2.1 25-Jul-2013 20:19:50

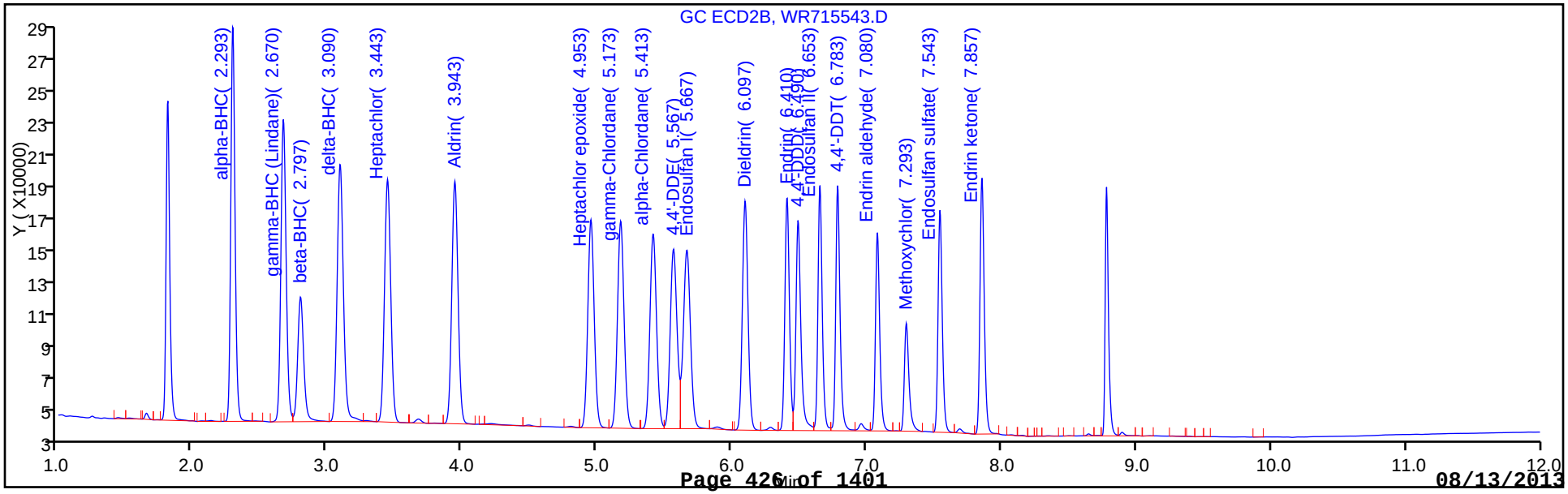
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715543.D		
Injection Date:	07-Aug-2013 23:21:14	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	58
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/58 Calibration Date: 08/07/2013 23:21

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715543.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5508	5490		99.7	100	-0.3	15.0
gamma-BHC (Lindane)	Ave	5075	5176		102	100	2.0	15.0
beta-BHC	Ave	2416	2469		102	100	2.2	15.0
delta-BHC	Ave	5014	5285		105	100	5.4	15.0
Heptachlor	Ave	4473	4901		110	100	9.6	15.0
Aldrin	Ave	4487	4940		110	100	10.1	15.0
Heptachlor epoxide	Ave	3939	4353		111	100	10.5	15.0
gamma-Chlordane	Ave	4003	4438		111	100	10.9	15.0
alpha-Chlordane	Ave	3866	4226		109	100	9.3	15.0
4,4'-DDE	Ave	3787	4010		106	100	5.9	15.0
Endosulfan I	Ave	3760	4167		111	100	10.8	15.0
Dieldrin	Ave	3855	4187		109	100	8.6	15.0
Endrin	Ave	3306	3458		105	100	4.6	15.0
4,4'-DDD	Ave	3036	3427		113	100	12.9	15.0
Endosulfan II	Ave	3109	3404		109	100	9.5	15.0
4,4'-DDT	Ave	3260	3414		105	100	4.7	15.0
Endrin aldehyde	Ave	2574	2731		106	100	6.1	15.0
Methoxychlor	Ave	1704	1631		95.7	100	-4.3	15.0
Endosulfan sulfate	Ave	2933	3047		104	100	3.9	15.0
Endrin ketone	Ave	3309	3589		108	100	8.5	15.0
Tetrachloro-m-xylene	Ave	3767	3811		101	100	1.2	15.0
DCB Decachlorobiphenyl	Ave	2633	2683		102	100	1.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-174875/58 Calibration Date: 08/07/2013 23:21

Instrument ID: CPESTGC4 Calib Start Date: 07/29/2013 07:17

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 07/29/2013 08:17

Lab File ID: WR715543.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.29	2.25	2.35
gamma-BHC (Lindane)	2.67	2.63	2.73
beta-BHC	2.80	2.76	2.86
delta-BHC	3.09	3.05	3.15
Heptachlor	3.44	3.41	3.51
Aldrin	3.94	3.91	4.01
Heptachlor epoxide	4.95	4.90	5.04
gamma-Chlordane	5.17	5.12	5.26
alpha-Chlordane	5.41	5.36	5.50
4,4'-DDE	5.57	5.51	5.65
Endosulfan I	5.67	5.61	5.75
Dieldrin	6.10	6.04	6.18
Endrin	6.41	6.35	6.49
4,4'-DDD	6.49	6.43	6.57
Endosulfan II	6.65	6.59	6.73
4,4'-DDT	6.78	6.72	6.86
Endrin aldehyde	7.08	7.02	7.16
Methoxychlor	7.29	7.23	7.37
Endosulfan sulfate	7.54	7.48	7.62
Endrin ketone	7.86	7.79	7.93
Tetrachloro-m-xylene	1.81	1.77	1.87
DCB Decachlorobiphenyl	8.78	8.68	8.88

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715543.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	07-Aug-2013 23:21:14	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	58
Lims Batch ID:	174875	Lims Sample ID:	58
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:55:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:57:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	407006	103.0	
2	1.813	1.817	-0.004	381134	101.2	
					RPD = 1.78	
15 alpha-BHC						
1	3.333	3.357	-0.024	555799	103.6	
2	2.293	2.300	-0.007	549001	99.7	
					RPD = 3.86	
2 gamma-BHC (Lindane)						
1	4.000	4.023	-0.023	491259	104.2	
2	2.670	2.680	-0.010	517581	102.0	
					RPD = 2.17	
6 beta-BHC						
1	4.143	4.163	-0.020	236620	101.2	
2	2.797	2.807	-0.010	246925	102.2	
					RPD = 0.94	
32 delta-BHC						
1	4.683	4.703	-0.020	478558	106.7	
2	3.090	3.103	-0.013	528476	105.4	
					RPD = 1.20	
18 Heptachlor						
1	4.803	4.827	-0.024	424886	120.3	
2	3.443	3.457	-0.014	490130	109.6	
					RPD = 9.35	
8 Aldrin						
1	5.430	5.453	-0.023	451261	106.2	
2	3.943	3.957	-0.014	493973	110.1	
					RPD = 3.57	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.420	6.433	-0.013	382183	108.1	
2	4.953	4.970	-0.017	435304	110.5	
					RPD = 2.20	
9 gamma-Chlordane						
1	6.637	6.650	-0.013	384258	111.8	
2	5.173	5.190	-0.017	443753	110.9	
					RPD = 0.88	
23 alpha-Chlordane						
1	6.793	6.807	-0.014	344786	106.8	
2	5.413	5.433	-0.020	422604	109.3	
					RPD = 2.36	
7 Endosulfan I						
1	6.860	6.873	-0.013	340712	108.2	
2	5.667	5.683	-0.016	416696	110.8	
					RPD = 2.36	
25 4,4'-DDE						
1	6.953	6.967	-0.014	364825	110.8	
2	5.567	5.583	-0.016	401012	105.9	
					RPD = 4.58	
30 Dieldrin						
1	7.157	7.170	-0.013	376358	111.2	
2	6.097	6.113	-0.016	418713	108.6	
					RPD = 2.32	
20 Endrin						
1	7.503	7.517	-0.014	310784	104.2	
2	6.410	6.420	-0.010	345752	104.6	
					RPD = 0.37	
16 4,4'-DDD						
1	7.600	7.610	-0.010	300784	112.1	
2	6.490	6.500	-0.010	342679	112.9	
					RPD = 0.73	
11 Endosulfan II						
1	7.743	7.757	-0.014	318587	107.5	
2	6.653	6.660	-0.007	340430	109.5	
					RPD = 1.85	
21 4,4'-DDT						
1	7.967	7.977	-0.010	292344	101.7	
2	6.783	6.793	-0.010	341364	104.7	
					RPD = 2.87	
5 Endrin aldehyde						
1	8.133	8.147	-0.014	242857	104.8	
2	7.080	7.087	-0.007	273143	106.1	
					RPD = 1.21	
3 Endosulfan sulfate						
1	8.407	8.417	-0.010	271414	108.1	
2	7.543	7.553	-0.010	304722	103.9	
					RPD = 3.92	

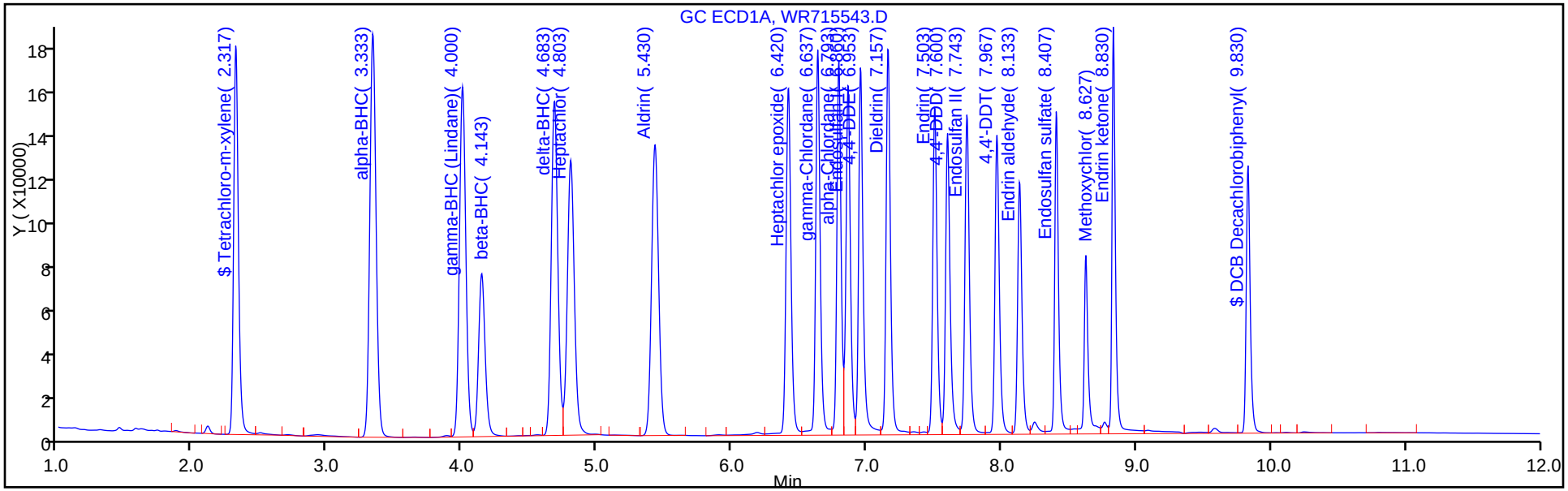
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	158201	107.1	
2	7.293	7.300	-0.007	163118	95.7	
					RPD = 11.21	
13 Endrin ketone						
1	8.830	8.837	-0.007	316396	112.2	
2	7.857	7.863	-0.006	358904	108.5	
					RPD = 3.41	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	235858	106.4	
2	8.780	8.783	-0.003	268349	101.9	
					RPD = 4.36	

Report Date: 08-Aug-2013 13:55:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

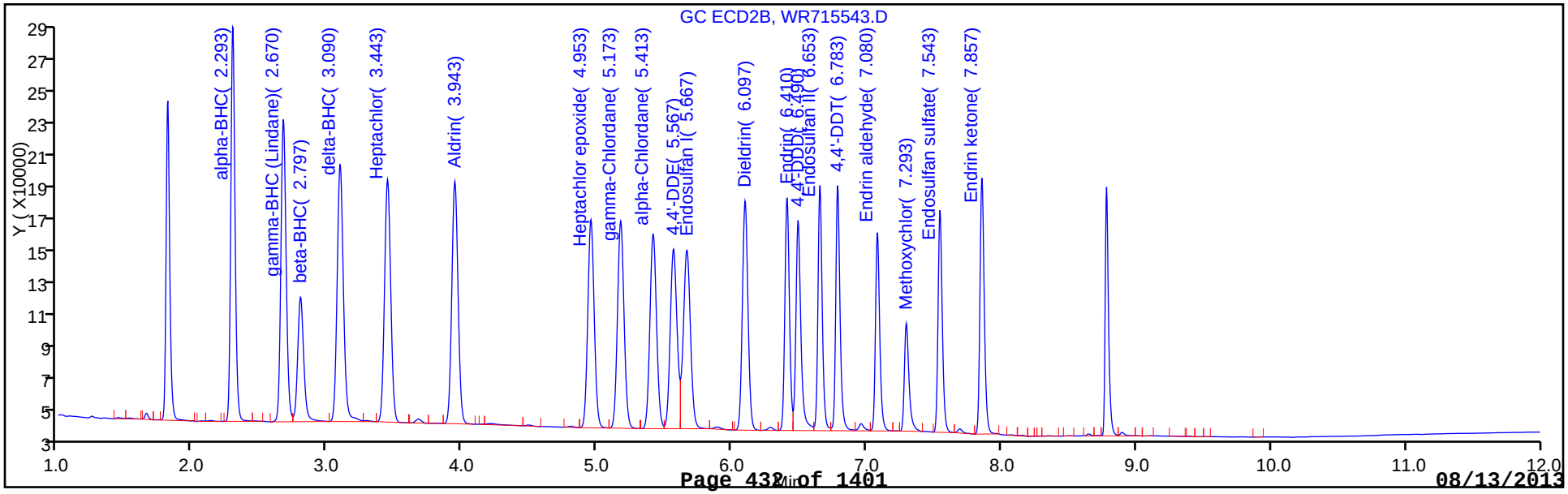
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715543.D		
Injection Date:	07-Aug-2013 23:21:14	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	58
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175266/5 Calibration Date: 08/09/2013 09:55

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715609.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5827	5642		96.8	100	-3.2	15.0
gamma-BHC (Lindane)	Ave	5156	4993		96.9	100	-3.1	15.0
beta-BHC	Ave	2653	2469		93.1	100	-6.9	15.0
delta-BHC	Ave	5028	4846		96.4	100	-3.6	15.0
Heptachlor	Ave	4162	3930		94.4	100	-5.6	15.0
Aldrin	Ave	4758	4525		95.1	100	-4.9	15.0
Heptachlor epoxide	Ave	3944	3653		92.6	100	-7.4	15.0
gamma-Chlordane	Ave	3883	3514		90.5	100	-9.5	15.0
alpha-Chlordane	Ave	3593	3254		90.6	100	-9.4	15.0
Endosulfan I	Ave	3511	3227		91.9	100	-8.1	15.0
4,4'-DDE	Ave	3619	3359		92.8	100	-7.2	15.0
Dieldrin	Ave	3764	3488		92.7	100	-7.3	15.0
Endrin	Ave	3298	3102		94.1	100	-5.9	15.0
4,4'-DDD	Ave	3019	2814		93.2	100	-6.8	15.0
Endosulfan II	Ave	3369	3072		91.2	100	-8.8	15.0
4,4'-DDT	Ave	3202	3001		93.7	100	-6.3	15.0
Endrin aldehyde	Ave	2662	2422		91.0	100	-9.0	15.0
Endosulfan sulfate	Ave	2763	2563		92.8	100	-7.2	15.0
Methoxychlor	Ave	1637	1507		92.1	100	-7.9	15.0
Endrin ketone	Ave	3114	2936		94.3	100	-5.7	15.0
Tetrachloro-m-xylene	Ave	4199	4178		99.5	100	-0.5	15.0
DCB Decachlorobiphenyl	Ave	2399	2344		97.7	100	-2.3	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175266/5 Calibration Date: 08/09/2013 09:55

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715609.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.33	3.28	3.38
gamma-BHC (Lindane)	3.99	3.94	4.04
beta-BHC	4.13	4.08	4.18
delta-BHC	4.67	4.62	4.72
Heptachlor	4.79	4.74	4.84
Aldrin	5.41	5.36	5.46
Heptachlor epoxide	6.41	6.34	6.48
gamma-Chlordane	6.63	6.56	6.70
alpha-Chlordane	6.78	6.71	6.85
Endosulfan I	6.85	6.78	6.92
4,4'-DDE	6.94	6.87	7.01
Dieldrin	7.15	7.08	7.22
Endrin	7.49	7.42	7.56
4,4'-DDD	7.59	7.52	7.66
Endosulfan II	7.73	7.66	7.80
4,4'-DDT	7.95	7.88	8.02
Endrin aldehyde	8.12	8.05	8.19
Endosulfan sulfate	8.40	8.33	8.47
Methoxychlor	8.62	8.55	8.69
Endrin ketone	8.82	8.75	8.89
Tetrachloro-m-xylene	2.32	2.27	2.37
DCB Decachlorobiphenyl	9.82	9.72	9.92

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715609.D		
Lims ID:	CCVRT	Client ID:	
Inject. Date:	09-Aug-2013 09:55:48	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	460-0003369-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	175266	Lims Sample ID:	5
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:11	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: kapoors Date: 09-Aug-2013 10:26:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	417845	99.5	
2	1.833	1.833	0.0	392244	92.3	
					RPD = 7.52	
15 alpha-BHC						
1	3.327	3.327	0.0	564168	96.8	
2	2.317	2.317	0.0	561825	89.6	
					RPD = 7.75	
2 gamma-BHC (Lindane)						
1	3.987	3.987	0.0	499335	96.9	
2	2.697	2.697	0.0	527173	91.1	
					RPD = 6.07	
6 beta-BHC						
1	4.130	4.130	0.0	246910	93.1	
2	2.823	2.823	0.0	248244	89.3	
					RPD = 4.13	
32 delta-BHC						
1	4.667	4.667	0.0	484623	96.4	
2	3.117	3.117	0.0	540103	91.3	
					RPD = 5.43	
18 Heptachlor						
1	4.790	4.790	0.0	392971	94.4	
2	3.463	3.463	0.0	499627	93.2	
					RPD = 1.25	
8 Aldrin						
1	5.410	5.410	0.0	452467	95.1	
2	3.960	3.960	0.0	503352	96.9	
					RPD = 1.87	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	365271	92.6	
2	4.963	4.963	0.0	440121	90.5	
					RPD = 2.35	
9 gamma-Chlordane						
1	6.627	6.627	0.0	351378	90.5	
2	5.180	5.180	0.0	445064	87.6	
					RPD = 3.28	
23 alpha-Chlordane						
1	6.783	6.783	0.0	325350	90.6	
2	5.420	5.420	0.0	427994	88.8	
					RPD = 2.01	
7 Endosulfan I						
1	6.850	6.850	0.0	322667	91.9	
2	5.670	5.670	0.0	441006	90.0	
					RPD = 2.11	
25 4,4'-DDE						
1	6.943	6.943	0.0	335941	92.8	
2	5.570	5.570	0.0	396530	88.7	
					RPD = 4.52	
30 Dieldrin						
1	7.147	7.147	0.0	348813	92.7	
2	6.100	6.100	0.0	424892	89.7	
					RPD = 3.30	
20 Endrin						
1	7.493	7.493	0.0	310169	94.1	
2	6.407	6.407	0.0	359475	91.3	
					RPD = 2.98	
16 4,4'-DDD						
1	7.590	7.590	0.0	281371	93.2	
2	6.490	6.490	0.0	328752	89.2	
					RPD = 4.40	
11 Endosulfan II						
1	7.733	7.733	0.0	307182	91.2	
2	6.650	6.650	0.0	340421	89.2	
					RPD = 2.19	
21 4,4'-DDT						
1	7.953	7.953	0.0	300065	93.7	
2	6.783	6.783	0.0	355539	87.4	
					RPD = 6.95	
5 Endrin aldehyde						
1	8.123	8.123	0.0	242249	91.0	
2	7.077	7.077	0.0	283276	87.8	
					RPD = 3.55	
3 Endosulfan sulfate						
1	8.400	8.400	0.0	256302	92.8	
2	7.540	7.540	0.0	313384	91.6	
					RPD = 1.25	

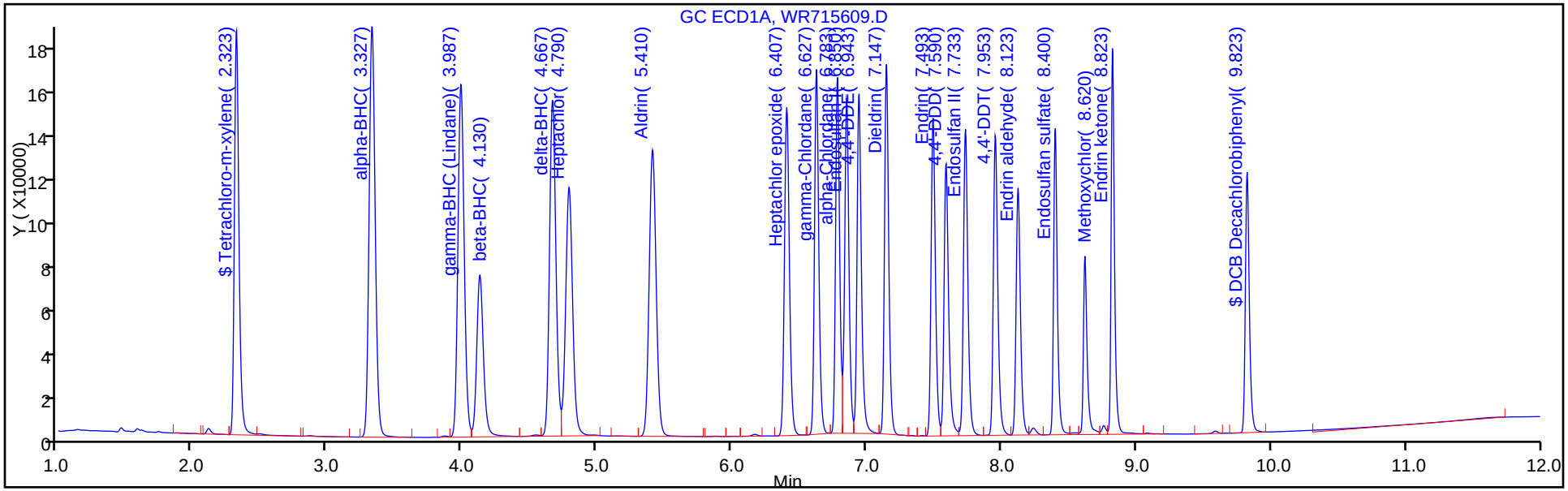
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.620	8.620	0.0	150736	92.1	
2	7.290	7.290	0.0	181240	92.5	
					RPD = 0.42	
13 Endrin ketone						
1	8.823	8.823	0.0	293584	94.3	
2	7.853	7.853	0.0	363450	92.0	
					RPD = 2.46	
$ 24 DCB Decachlorobiphenyl						
1	9.823	9.823	0.0	234417	97.7	
2	8.777	8.777	0.0	288331	92.4	
					RPD = 5.62	

Report Date: 09-Aug-2013 11:10:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

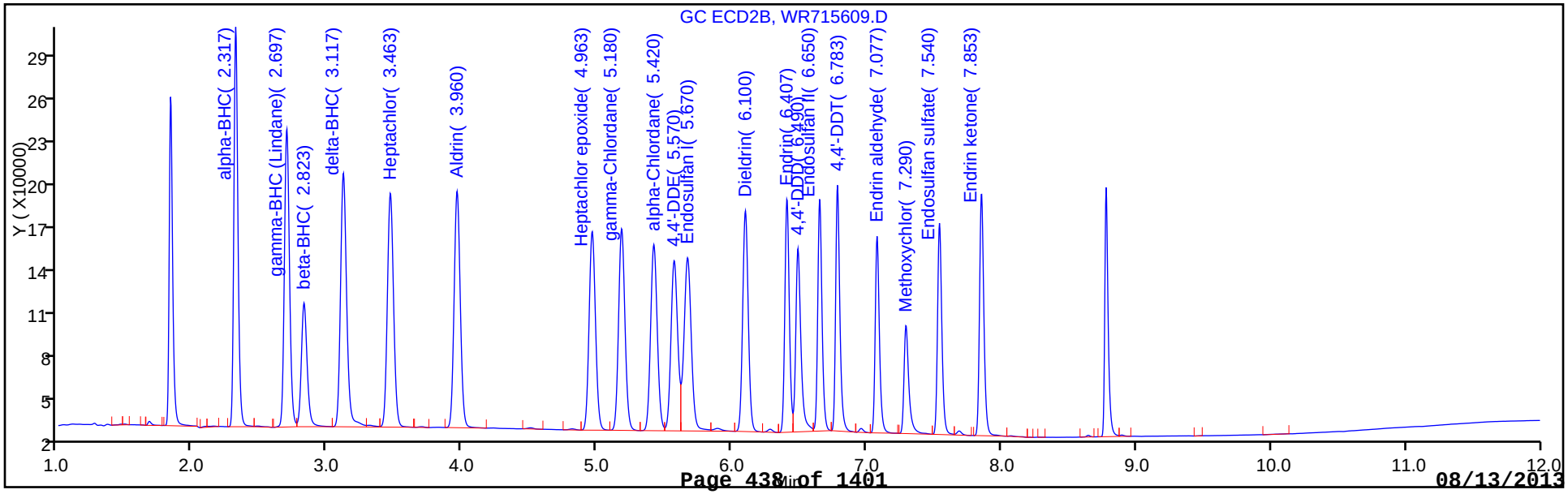
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715609.D		
Injection Date:	09-Aug-2013 09:55:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175266/5 Calibration Date: 08/09/2013 09:55

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715609.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6271	5618		89.6	100	-10.4	15.0
gamma-BHC (Lindane)	Ave	5784	5272		91.1	100	-8.9	15.0
beta-BHC	Ave	2780	2482		89.3	100	-10.7	15.0
delta-BHC	Ave	5916	5401		91.3	100	-8.7	15.0
Heptachlor	Ave	5359	4996		93.2	100	-6.8	15.0
Aldrin	Ave	5195	5034		96.9	100	-3.1	15.0
Heptachlor epoxide	Ave	4865	4401		90.5	100	-9.5	15.0
gamma-Chlordane	Ave	5082	4451		87.6	100	-12.4	15.0
alpha-Chlordane	Ave	4822	4280		88.8	100	-11.2	15.0
4,4'-DDE	Ave	4470	3965		88.7	100	-11.3	15.0
Endosulfan I	Ave	4902	4410		90.0	100	-10.0	15.0
Dieldrin	Ave	4739	4249		89.7	100	-10.3	15.0
Endrin	Ave	3937	3595		91.3	100	-8.7	15.0
4,4'-DDD	Ave	3686	3288		89.2	100	-10.8	15.0
Endosulfan II	Ave	3816	3404		89.2	100	-10.8	15.0
4,4'-DDT	Ave	4068	3555		87.4	100	-12.6	15.0
Endrin aldehyde	Ave	3225	2833		87.8	100	-12.2	15.0
Methoxychlor	Ave	1960	1812		92.5	100	-7.5	15.0
Endosulfan sulfate	Ave	3421	3134		91.6	100	-8.4	15.0
Endrin ketone	Ave	3952	3635		92.0	100	-8.0	15.0
Tetrachloro-m-xylene	Ave	4250	3922		92.3	100	-7.7	15.0
DCB Decachlorobiphenyl	Ave	3121	2883		92.4	100	-7.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175266/5 Calibration Date: 08/09/2013 09:55

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715609.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.32	2.27	2.37
gamma-BHC (Lindane)	2.70	2.65	2.75
beta-BHC	2.82	2.77	2.87
delta-BHC	3.12	3.07	3.17
Heptachlor	3.46	3.41	3.51
Aldrin	3.96	3.91	4.01
Heptachlor epoxide	4.96	4.89	5.03
gamma-Chlordane	5.18	5.11	5.25
alpha-Chlordane	5.42	5.35	5.49
4,4'-DDE	5.57	5.50	5.64
Endosulfan I	5.67	5.60	5.74
Dieldrin	6.10	6.03	6.17
Endrin	6.41	6.34	6.48
4,4'-DDD	6.49	6.42	6.56
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.78	6.71	6.85
Endrin aldehyde	7.08	7.01	7.15
Methoxychlor	7.29	7.22	7.36
Endosulfan sulfate	7.54	7.47	7.61
Endrin ketone	7.85	7.78	7.92
Tetrachloro-m-xylene	1.83	1.78	1.88
DCB Decachlorobiphenyl	8.78	8.68	8.88

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715609.D		
Lims ID:	CCVRT	Client ID:	
Inject. Date:	09-Aug-2013 09:55:48	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	460-0003369-005		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	175266	Lims Sample ID:	5
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:11	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: kapoors Date: 09-Aug-2013 10:26:16

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.323	0.0	417845	99.5	
2	1.833	1.833	0.0	392244	92.3	
					RPD = 7.52	
15 alpha-BHC						
1	3.327	3.327	0.0	564168	96.8	
2	2.317	2.317	0.0	561825	89.6	
					RPD = 7.75	
2 gamma-BHC (Lindane)						
1	3.987	3.987	0.0	499335	96.9	
2	2.697	2.697	0.0	527173	91.1	
					RPD = 6.07	
6 beta-BHC						
1	4.130	4.130	0.0	246910	93.1	
2	2.823	2.823	0.0	248244	89.3	
					RPD = 4.13	
32 delta-BHC						
1	4.667	4.667	0.0	484623	96.4	
2	3.117	3.117	0.0	540103	91.3	
					RPD = 5.43	
18 Heptachlor						
1	4.790	4.790	0.0	392971	94.4	
2	3.463	3.463	0.0	499627	93.2	
					RPD = 1.25	
8 Aldrin						
1	5.410	5.410	0.0	452467	95.1	
2	3.960	3.960	0.0	503352	96.9	
					RPD = 1.87	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	365271	92.6	
2	4.963	4.963	0.0	440121	90.5	
					RPD = 2.35	
9 gamma-Chlordane						
1	6.627	6.627	0.0	351378	90.5	
2	5.180	5.180	0.0	445064	87.6	
					RPD = 3.28	
23 alpha-Chlordane						
1	6.783	6.783	0.0	325350	90.6	
2	5.420	5.420	0.0	427994	88.8	
					RPD = 2.01	
7 Endosulfan I						
1	6.850	6.850	0.0	322667	91.9	
2	5.670	5.670	0.0	441006	90.0	
					RPD = 2.11	
25 4,4'-DDE						
1	6.943	6.943	0.0	335941	92.8	
2	5.570	5.570	0.0	396530	88.7	
					RPD = 4.52	
30 Dieldrin						
1	7.147	7.147	0.0	348813	92.7	
2	6.100	6.100	0.0	424892	89.7	
					RPD = 3.30	
20 Endrin						
1	7.493	7.493	0.0	310169	94.1	
2	6.407	6.407	0.0	359475	91.3	
					RPD = 2.98	
16 4,4'-DDD						
1	7.590	7.590	0.0	281371	93.2	
2	6.490	6.490	0.0	328752	89.2	
					RPD = 4.40	
11 Endosulfan II						
1	7.733	7.733	0.0	307182	91.2	
2	6.650	6.650	0.0	340421	89.2	
					RPD = 2.19	
21 4,4'-DDT						
1	7.953	7.953	0.0	300065	93.7	
2	6.783	6.783	0.0	355539	87.4	
					RPD = 6.95	
5 Endrin aldehyde						
1	8.123	8.123	0.0	242249	91.0	
2	7.077	7.077	0.0	283276	87.8	
					RPD = 3.55	
3 Endosulfan sulfate						
1	8.400	8.400	0.0	256302	92.8	
2	7.540	7.540	0.0	313384	91.6	
					RPD = 1.25	

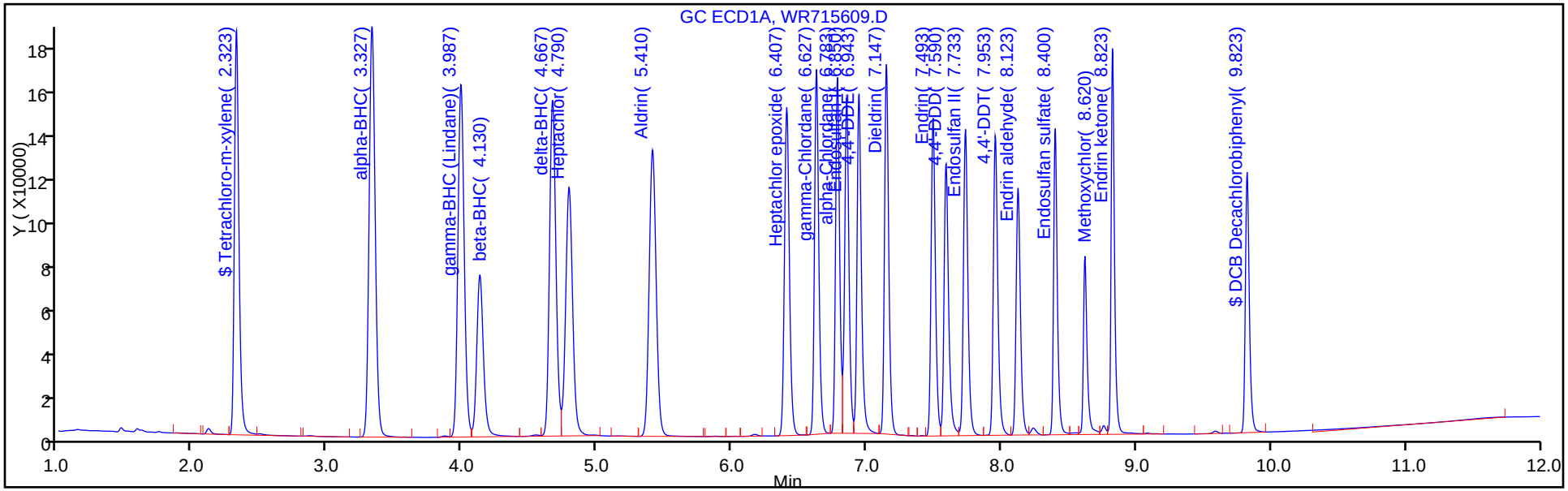
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.620	8.620	0.0	150736	92.1	
2	7.290	7.290	0.0	181240	92.5	
					RPD = 0.42	
13 Endrin ketone						
1	8.823	8.823	0.0	293584	94.3	
2	7.853	7.853	0.0	363450	92.0	
					RPD = 2.46	
$ 24 DCB Decachlorobiphenyl						
1	9.823	9.823	0.0	234417	97.7	
2	8.777	8.777	0.0	288331	92.4	
					RPD = 5.62	

Report Date: 09-Aug-2013 11:10:11 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715609.D		
Injection Date:	09-Aug-2013 09:55:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	5
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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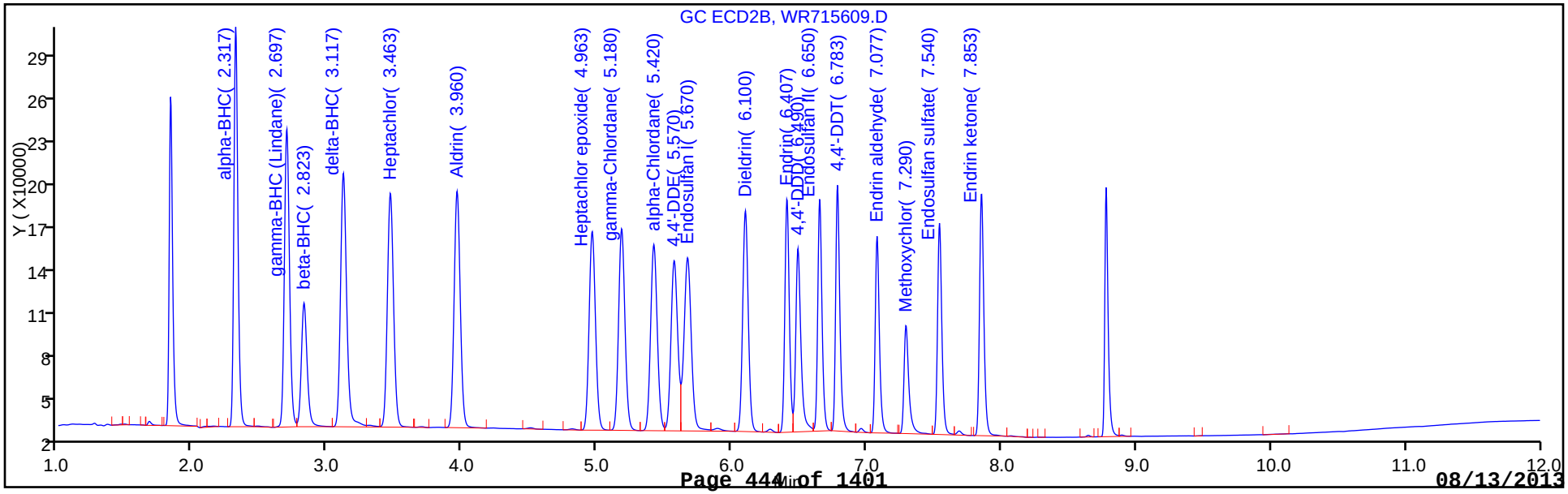

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175266/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5827	5668		97.3	100	-2.7	15.0
gamma-BHC (Lindane)	Ave	5156	4997		96.9	100	-3.1	15.0
beta-BHC	Ave	2653	2447		92.2	100	-7.8	15.0
delta-BHC	Ave	5028	4848		96.4	100	-3.6	15.0
Heptachlor	Ave	4162	4053		97.4	100	-2.6	15.0
Aldrin	Ave	4758	4538		95.4	100	-4.6	15.0
Heptachlor epoxide	Ave	3944	3637		92.2	100	-7.8	15.0
gamma-Chlordane	Ave	3883	3534		91.0	100	-9.0	15.0
alpha-Chlordane	Ave	3593	3288		91.5	100	-8.5	15.0
Endosulfan I	Ave	3511	3214		91.5	100	-8.5	15.0
4,4'-DDE	Ave	3619	3352		92.6	100	-7.4	15.0
Dieldrin	Ave	3764	3489		92.7	100	-7.3	15.0
Endrin	Ave	3298	3048		92.4	100	-7.6	15.0
4,4'-DDD	Ave	3019	2826		93.6	100	-6.4	15.0
Endosulfan II	Ave	3369	3056		90.7	100	-9.3	15.0
4,4'-DDT	Ave	3202	2989		93.3	100	-6.7	15.0
Endrin aldehyde	Ave	2662	2391		89.8	100	-10.2	15.0
Endosulfan sulfate	Ave	2763	2531		91.6	100	-8.4	15.0
Methoxychlor	Ave	1637	1489		91.0	100	-9.0	15.0
Endrin ketone	Ave	3114	2845		91.4	100	-8.6	15.0
Tetrachloro-m-xylene	Ave	4199	4177		99.5	100	-0.5	15.0
DCB Decachlorobiphenyl	Ave	2399	2312		96.4	100	-3.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5827	5668		97.3	100	-2.7	15.0
gamma-BHC (Lindane)	Ave	5156	4997		96.9	100	-3.1	15.0
beta-BHC	Ave	2653	2447		92.2	100	-7.8	15.0
delta-BHC	Ave	5028	4848		96.4	100	-3.6	15.0
Heptachlor	Ave	4162	4053		97.4	100	-2.6	15.0
Aldrin	Ave	4758	4538		95.4	100	-4.6	15.0
Heptachlor epoxide	Ave	3944	3637		92.2	100	-7.8	15.0
gamma-Chlordane	Ave	3883	3534		91.0	100	-9.0	15.0
alpha-Chlordane	Ave	3593	3288		91.5	100	-8.5	15.0
Endosulfan I	Ave	3511	3214		91.5	100	-8.5	15.0
4,4'-DDE	Ave	3619	3352		92.6	100	-7.4	15.0
Dieldrin	Ave	3764	3489		92.7	100	-7.3	15.0
Endrin	Ave	3298	3048		92.4	100	-7.6	15.0
4,4'-DDD	Ave	3019	2826		93.6	100	-6.4	15.0
Endosulfan II	Ave	3369	3056		90.7	100	-9.3	15.0
4,4'-DDT	Ave	3202	2989		93.3	100	-6.7	15.0
Endrin aldehyde	Ave	2662	2391		89.8	100	-10.2	15.0
Endosulfan sulfate	Ave	2763	2531		91.6	100	-8.4	15.0
Methoxychlor	Ave	1637	1489		91.0	100	-9.0	15.0
Endrin ketone	Ave	3114	2845		91.4	100	-8.6	15.0
Tetrachloro-m-xylene	Ave	4199	4177		99.5	100	-0.5	15.0
DCB Decachlorobiphenyl	Ave	2399	2312		96.4	100	-3.6	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175266/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.34	3.28	3.38
gamma-BHC (Lindane)	4.00	3.94	4.04
beta-BHC	4.14	4.08	4.18
delta-BHC	4.68	4.62	4.72
Heptachlor	4.80	4.74	4.84
Aldrin	5.43	5.36	5.46
Heptachlor epoxide	6.42	6.34	6.48
gamma-Chlordane	6.64	6.56	6.70
alpha-Chlordane	6.79	6.71	6.85
Endosulfan I	6.86	6.78	6.92
4,4'-DDE	6.95	6.87	7.01
Dieldrin	7.16	7.08	7.22
Endrin	7.50	7.42	7.56
4,4'-DDD	7.60	7.52	7.66
Endosulfan II	7.74	7.66	7.80
4,4'-DDT	7.96	7.88	8.02
Endrin aldehyde	8.13	8.05	8.19
Endosulfan sulfate	8.41	8.33	8.47
Methoxychlor	8.62	8.55	8.69
Endrin ketone	8.83	8.75	8.89
Tetrachloro-m-xylene	2.32	2.27	2.37
DCB Decachlorobiphenyl	9.83	9.72	9.92

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.34	3.28	3.38
gamma-BHC (Lindane)	4.00	3.94	4.04
beta-BHC	4.14	4.08	4.18
delta-BHC	4.68	4.62	4.72
Heptachlor	4.80	4.74	4.84
Aldrin	5.43	5.36	5.46
Heptachlor epoxide	6.42	6.34	6.48
gamma-Chlordane	6.64	6.56	6.70
alpha-Chlordane	6.79	6.71	6.85
Endosulfan I	6.86	6.78	6.92
4,4'-DDE	6.95	6.87	7.01
Dieldrin	7.16	7.08	7.22
Endrin	7.50	7.42	7.56
4,4'-DDD	7.60	7.52	7.66
Endosulfan II	7.74	7.66	7.80
4,4'-DDT	7.96	7.88	8.02
Endrin aldehyde	8.13	8.05	8.19
Endosulfan sulfate	8.41	8.33	8.47
Methoxychlor	8.62	8.55	8.69
Endrin ketone	8.83	8.75	8.89
Tetrachloro-m-xylene	2.32	2.27	2.37
DCB Decachlorobiphenyl	9.83	9.72	9.92

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 13:21:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	175266	Lims Sample ID:	18
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:37:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	417746	99.5	
2	1.813	1.833	-0.020	408764	96.2	
					RPD = 3.38	
15 alpha-BHC						
1	3.337	3.327	0.010	566790	97.3	
2	2.297	2.317	-0.020	582322	92.9	
					RPD = 4.64	
2 gamma-BHC (Lindane)						
1	4.000	3.987	0.013	499667	96.9	
2	2.670	2.697	-0.027	545450	94.3	
					RPD = 2.73	
6 beta-BHC						
1	4.143	4.130	0.013	244719	92.2	
2	2.797	2.823	-0.026	256896	92.4	
					RPD = 0.19	
32 delta-BHC						
1	4.683	4.667	0.016	484776	96.4	
2	3.093	3.117	-0.024	558315	94.4	
					RPD = 2.14	
18 Heptachlor						
1	4.803	4.790	0.013	405329	97.4	
2	3.443	3.463	-0.020	503832	94.0	
					RPD = 3.50	
8 Aldrin						
1	5.430	5.410	0.020	453812	95.4	
2	3.943	3.960	-0.017	515115	99.2	
					RPD = 3.88	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.417	6.407	0.010	363698	92.2	
2	4.950	4.963	-0.013	443387	91.1	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.637	6.627	0.010	353438	91.0	
2	5.173	5.180	-0.007	450144	88.6	
					RPD = 2.73	
23 alpha-Chlordane						
1	6.793	6.783	0.010	328809	91.5	
2	5.413	5.420	-0.007	428010	88.8	
					RPD = 3.06	
7 Endosulfan I						
1	6.860	6.850	0.010	321406	91.5	
2	5.663	5.670	-0.007	436531	89.1	
					RPD = 2.74	
25 4,4'-DDE						
1	6.953	6.943	0.010	335227	92.6	
2	5.563	5.570	-0.007	401624	89.9	
					RPD = 3.03	
30 Dieldrin						
1	7.157	7.147	0.010	348871	92.7	
2	6.097	6.100	-0.003	425338	89.8	
					RPD = 3.21	
20 Endrin						
1	7.503	7.493	0.010	304786	92.4	
2	6.407	6.407	0.0	356487	90.5	
					RPD = 2.06	
16 4,4'-DDD						
1	7.597	7.590	0.007	282647	93.6	
2	6.490	6.490	0.0	330210	89.6	
					RPD = 4.41	
11 Endosulfan II						
1	7.743	7.733	0.010	305569	90.7	
2	6.650	6.650	0.0	340170	89.1	
					RPD = 1.74	
21 4,4'-DDT						
1	7.963	7.953	0.010	298923	93.3	
2	6.783	6.783	0.0	357976	88.0	
					RPD = 5.89	
5 Endrin aldehyde						
1	8.133	8.123	0.010	239141	89.8	
2	7.077	7.077	0.0	283716	88.0	
					RPD = 2.10	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	253050	91.6	
2	7.540	7.540	0.0	310349	90.7	
					RPD = 0.95	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.623	8.620	0.003	148938	91.0	
2	7.290	7.290	0.0	179323	91.5	
					RPD = 0.56	
13 Endrin ketone						
1	8.830	8.823	0.007	284513	91.4	
2	7.853	7.853	0.0	361772	91.5	
					RPD = 0.21	
$ 24 DCB Decachlorobiphenyl						
1	9.827	9.823	0.004	231222	96.4	
2	8.777	8.777	0.0	284503	91.2	
					RPD = 5.58	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 13:21:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	175660	Lims Sample ID:	18
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:37:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	417746	99.5	
2	1.813	1.833	-0.020	408764	96.2	
					RPD = 3.38	
15 alpha-BHC						
1	3.337	3.327	0.010	566790	97.3	
2	2.297	2.317	-0.020	582322	92.9	
					RPD = 4.64	
2 gamma-BHC (Lindane)						
1	4.000	3.987	0.013	499667	96.9	
2	2.670	2.697	-0.027	545450	94.3	
					RPD = 2.73	
6 beta-BHC						
1	4.143	4.130	0.013	244719	92.2	
2	2.797	2.823	-0.026	256896	92.4	
					RPD = 0.19	
32 delta-BHC						
1	4.683	4.667	0.016	484776	96.4	
2	3.093	3.117	-0.024	558315	94.4	
					RPD = 2.14	
18 Heptachlor						
1	4.803	4.790	0.013	405329	97.4	
2	3.443	3.463	-0.020	503832	94.0	
					RPD = 3.50	
8 Aldrin						
1	5.430	5.410	0.020	453812	95.4	
2	3.943	3.960	-0.017	515115	99.2	
					RPD = 3.88	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.417	6.407	0.010	363698	92.2	
2	4.950	4.963	-0.013	443387	91.1	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.637	6.627	0.010	353438	91.0	
2	5.173	5.180	-0.007	450144	88.6	
					RPD = 2.73	
23 alpha-Chlordane						
1	6.793	6.783	0.010	328809	91.5	
2	5.413	5.420	-0.007	428010	88.8	
					RPD = 3.06	
7 Endosulfan I						
1	6.860	6.850	0.010	321406	91.5	
2	5.663	5.670	-0.007	436531	89.1	
					RPD = 2.74	
25 4,4'-DDE						
1	6.953	6.943	0.010	335227	92.6	
2	5.563	5.570	-0.007	401624	89.9	
					RPD = 3.03	
30 Dieldrin						
1	7.157	7.147	0.010	348871	92.7	
2	6.097	6.100	-0.003	425338	89.8	
					RPD = 3.21	
20 Endrin						
1	7.503	7.493	0.010	304786	92.4	
2	6.407	6.407	0.0	356487	90.5	
					RPD = 2.06	
16 4,4'-DDD						
1	7.597	7.590	0.007	282647	93.6	
2	6.490	6.490	0.0	330210	89.6	
					RPD = 4.41	
11 Endosulfan II						
1	7.743	7.733	0.010	305569	90.7	
2	6.650	6.650	0.0	340170	89.1	
					RPD = 1.74	
21 4,4'-DDT						
1	7.963	7.953	0.010	298923	93.3	
2	6.783	6.783	0.0	357976	88.0	
					RPD = 5.89	
5 Endrin aldehyde						
1	8.133	8.123	0.010	239141	89.8	
2	7.077	7.077	0.0	283716	88.0	
					RPD = 2.10	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	253050	91.6	
2	7.540	7.540	0.0	310349	90.7	
					RPD = 0.95	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.623	8.620	0.003	148938	91.0	
2	7.290	7.290	0.0	179323	91.5	
					RPD = 0.56	
13 Endrin ketone						
1	8.830	8.823	0.007	284513	91.4	
2	7.853	7.853	0.0	361772	91.5	
					RPD = 0.21	
$ 24 DCB Decachlorobiphenyl						
1	9.827	9.823	0.004	231222	96.4	
2	8.777	8.777	0.0	284503	91.2	
					RPD = 5.58	

Report Date: 12-Aug-2013 10:37:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Injection Date:	09-Aug-2013 13:21:49	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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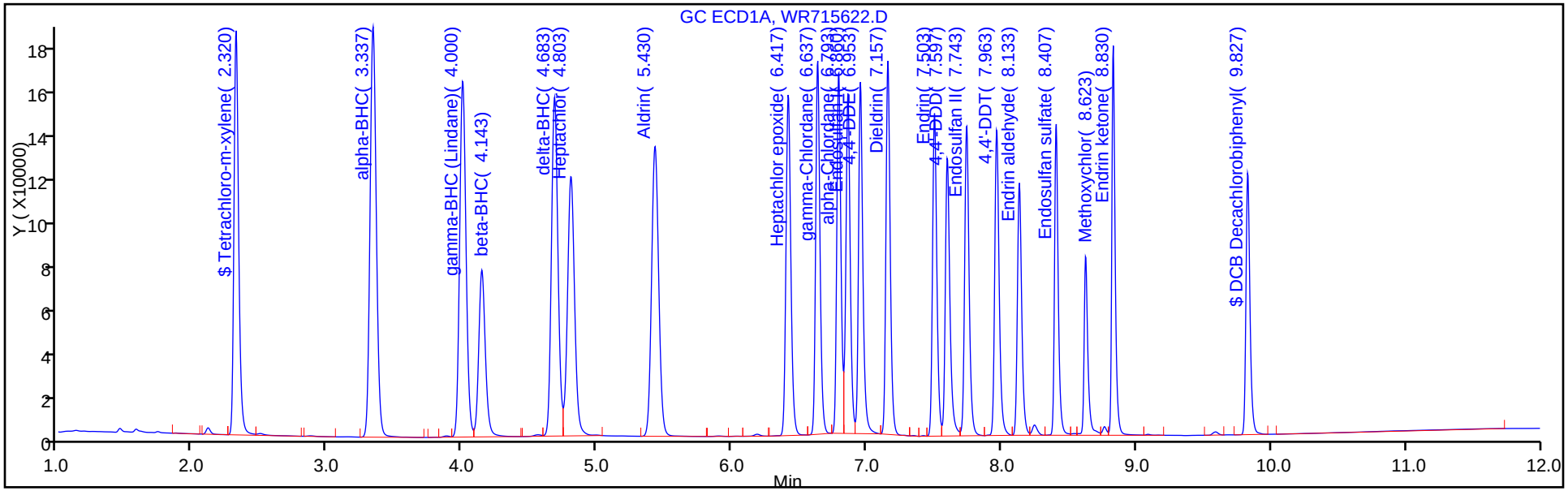
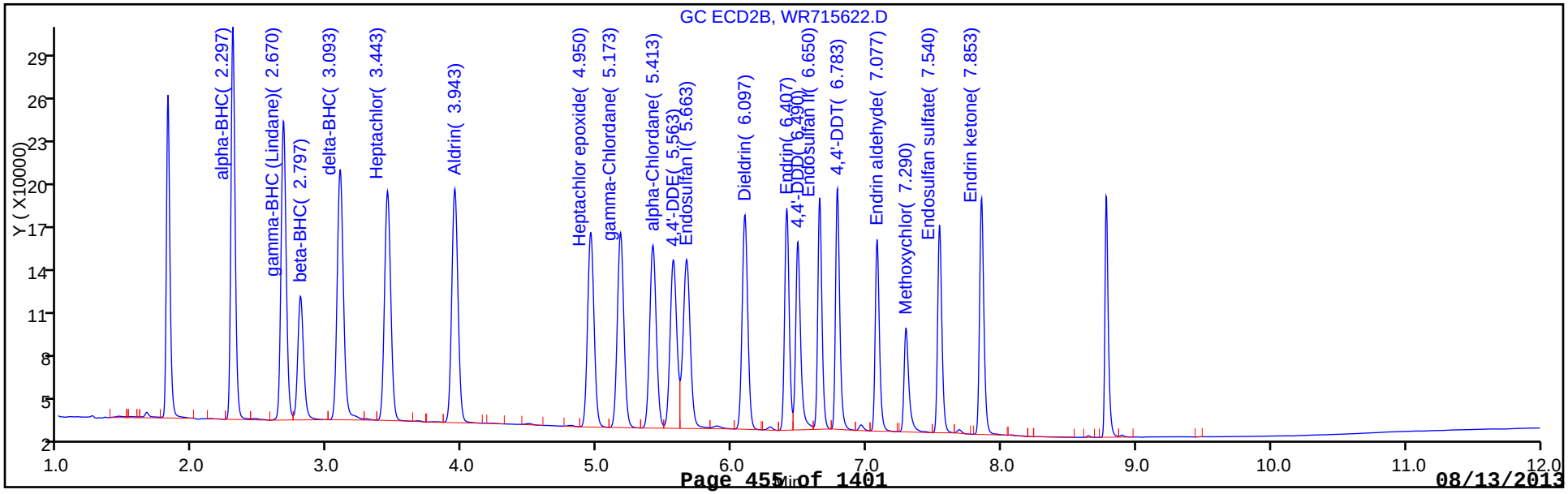


Y Scaling:

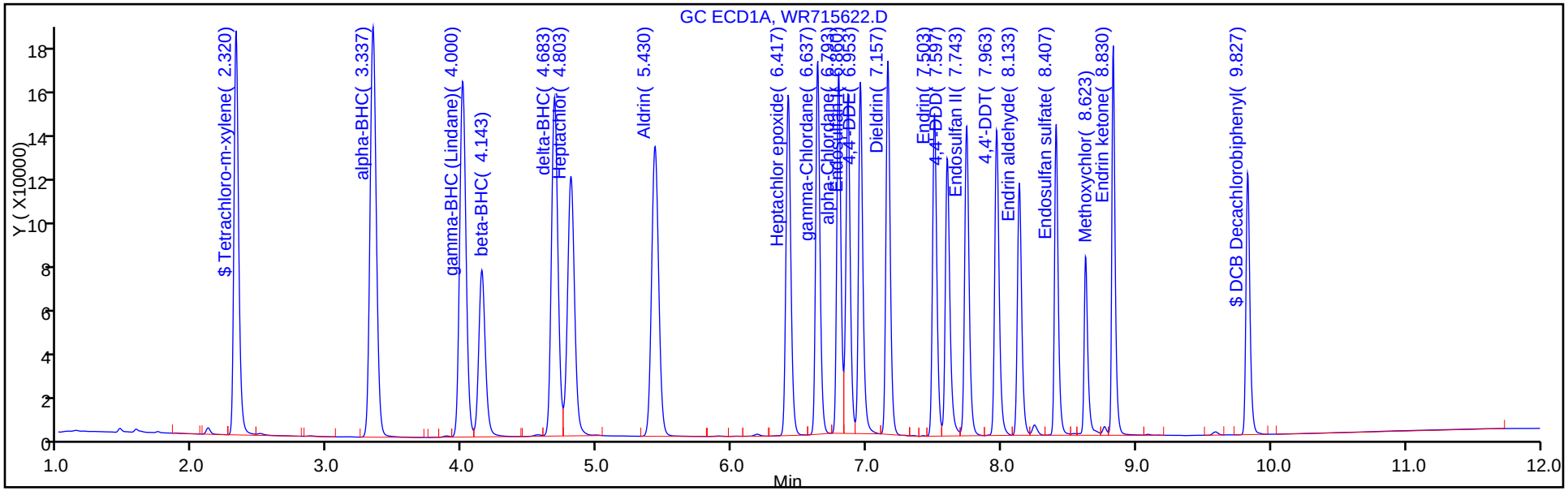


Report Date: 12-Aug-2013 10:37:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Injection Date:	09-Aug-2013 13:21:49	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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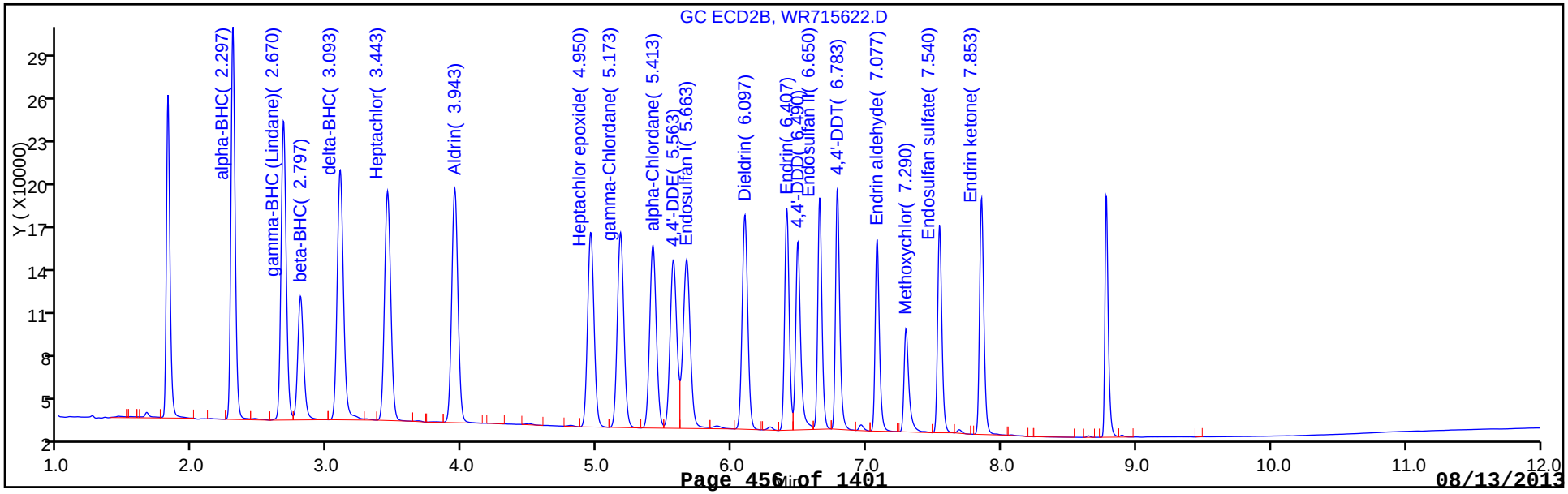

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175266/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6271	5823		92.9	100	-7.1	15.0
gamma-BHC (Lindane)	Ave	5784	5455		94.3	100	-5.7	15.0
beta-BHC	Ave	2780	2569		92.4	100	-7.6	15.0
delta-BHC	Ave	5916	5583		94.4	100	-5.6	15.0
Heptachlor	Ave	5359	5038		94.0	100	-6.0	15.0
Aldrin	Ave	5195	5151		99.2	100	-0.8	15.0
Heptachlor epoxide	Ave	4865	4434		91.1	100	-8.9	15.0
gamma-Chlordane	Ave	5082	4501		88.6	100	-11.4	15.0
alpha-Chlordane	Ave	4822	4280		88.8	100	-11.2	15.0
4,4'-DDE	Ave	4470	4016		89.9	100	-10.1	15.0
Endosulfan I	Ave	4902	4365		89.1	100	-10.9	15.0
Dieldrin	Ave	4739	4253		89.8	100	-10.2	15.0
Endrin	Ave	3937	3565		90.5	100	-9.5	15.0
4,4'-DDD	Ave	3686	3302		89.6	100	-10.4	15.0
Endosulfan II	Ave	3816	3402		89.1	100	-10.9	15.0
4,4'-DDT	Ave	4068	3580		88.0	100	-12.0	15.0
Endrin aldehyde	Ave	3225	2837		88.0	100	-12.0	15.0
Methoxychlor	Ave	1960	1793		91.5	100	-8.5	15.0
Endosulfan sulfate	Ave	3421	3103		90.7	100	-9.3	15.0
Endrin ketone	Ave	3952	3618		91.5	100	-8.5	15.0
Tetrachloro-m-xylene	Ave	4250	4088		96.2	100	-3.8	15.0
DCB Decachlorobiphenyl	Ave	3121	2845		91.2	100	-8.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6271	5823		92.9	100	-7.1	15.0
gamma-BHC (Lindane)	Ave	5784	5455		94.3	100	-5.7	15.0
beta-BHC	Ave	2780	2569		92.4	100	-7.6	15.0
delta-BHC	Ave	5916	5583		94.4	100	-5.6	15.0
Heptachlor	Ave	5359	5038		94.0	100	-6.0	15.0
Aldrin	Ave	5195	5151		99.2	100	-0.8	15.0
Heptachlor epoxide	Ave	4865	4434		91.1	100	-8.9	15.0
gamma-Chlordane	Ave	5082	4501		88.6	100	-11.4	15.0
alpha-Chlordane	Ave	4822	4280		88.8	100	-11.2	15.0
4,4'-DDE	Ave	4470	4016		89.9	100	-10.1	15.0
Endosulfan I	Ave	4902	4365		89.1	100	-10.9	15.0
Dieldrin	Ave	4739	4253		89.8	100	-10.2	15.0
Endrin	Ave	3937	3565		90.5	100	-9.5	15.0
4,4'-DDD	Ave	3686	3302		89.6	100	-10.4	15.0
Endosulfan II	Ave	3816	3402		89.1	100	-10.9	15.0
4,4'-DDT	Ave	4068	3580		88.0	100	-12.0	15.0
Endrin aldehyde	Ave	3225	2837		88.0	100	-12.0	15.0
Methoxychlor	Ave	1960	1793		91.5	100	-8.5	15.0
Endosulfan sulfate	Ave	3421	3103		90.7	100	-9.3	15.0
Endrin ketone	Ave	3952	3618		91.5	100	-8.5	15.0
Tetrachloro-m-xylene	Ave	4250	4088		96.2	100	-3.8	15.0
DCB Decachlorobiphenyl	Ave	3121	2845		91.2	100	-8.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175266/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.30	2.27	2.37
gamma-BHC (Lindane)	2.67	2.65	2.75
beta-BHC	2.80	2.77	2.87
delta-BHC	3.09	3.07	3.17
Heptachlor	3.44	3.41	3.51
Aldrin	3.94	3.91	4.01
Heptachlor epoxide	4.95	4.89	5.03
gamma-Chlordane	5.17	5.11	5.25
alpha-Chlordane	5.41	5.35	5.49
4,4'-DDE	5.56	5.50	5.64
Endosulfan I	5.66	5.60	5.74
Dieldrin	6.10	6.03	6.17
Endrin	6.41	6.34	6.48
4,4'-DDD	6.49	6.42	6.56
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.78	6.71	6.85
Endrin aldehyde	7.08	7.01	7.15
Methoxychlor	7.29	7.22	7.36
Endosulfan sulfate	7.54	7.47	7.61
Endrin ketone	7.85	7.78	7.92
Tetrachloro-m-xylene	1.81	1.78	1.88
DCB Decachlorobiphenyl	8.78	8.68	8.88

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/18 Calibration Date: 08/09/2013 13:21

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715622.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.30	2.27	2.37
gamma-BHC (Lindane)	2.67	2.65	2.75
beta-BHC	2.80	2.77	2.87
delta-BHC	3.09	3.07	3.17
Heptachlor	3.44	3.41	3.51
Aldrin	3.94	3.91	4.01
Heptachlor epoxide	4.95	4.89	5.03
gamma-Chlordane	5.17	5.11	5.25
alpha-Chlordane	5.41	5.35	5.49
4,4'-DDE	5.56	5.50	5.64
Endosulfan I	5.66	5.60	5.74
Dieldrin	6.10	6.03	6.17
Endrin	6.41	6.34	6.48
4,4'-DDD	6.49	6.42	6.56
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.78	6.71	6.85
Endrin aldehyde	7.08	7.01	7.15
Methoxychlor	7.29	7.22	7.36
Endosulfan sulfate	7.54	7.47	7.61
Endrin ketone	7.85	7.78	7.92
Tetrachloro-m-xylene	1.81	1.78	1.88
DCB Decachlorobiphenyl	8.78	8.68	8.88

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 13:21:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	175266	Lims Sample ID:	18
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:37:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	417746	99.5	
2	1.813	1.833	-0.020	408764	96.2	
					RPD = 3.38	
15 alpha-BHC						
1	3.337	3.327	0.010	566790	97.3	
2	2.297	2.317	-0.020	582322	92.9	
					RPD = 4.64	
2 gamma-BHC (Lindane)						
1	4.000	3.987	0.013	499667	96.9	
2	2.670	2.697	-0.027	545450	94.3	
					RPD = 2.73	
6 beta-BHC						
1	4.143	4.130	0.013	244719	92.2	
2	2.797	2.823	-0.026	256896	92.4	
					RPD = 0.19	
32 delta-BHC						
1	4.683	4.667	0.016	484776	96.4	
2	3.093	3.117	-0.024	558315	94.4	
					RPD = 2.14	
18 Heptachlor						
1	4.803	4.790	0.013	405329	97.4	
2	3.443	3.463	-0.020	503832	94.0	
					RPD = 3.50	
8 Aldrin						
1	5.430	5.410	0.020	453812	95.4	
2	3.943	3.960	-0.017	515115	99.2	
					RPD = 3.88	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.417	6.407	0.010	363698	92.2	
2	4.950	4.963	-0.013	443387	91.1	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.637	6.627	0.010	353438	91.0	
2	5.173	5.180	-0.007	450144	88.6	
					RPD = 2.73	
23 alpha-Chlordane						
1	6.793	6.783	0.010	328809	91.5	
2	5.413	5.420	-0.007	428010	88.8	
					RPD = 3.06	
7 Endosulfan I						
1	6.860	6.850	0.010	321406	91.5	
2	5.663	5.670	-0.007	436531	89.1	
					RPD = 2.74	
25 4,4'-DDE						
1	6.953	6.943	0.010	335227	92.6	
2	5.563	5.570	-0.007	401624	89.9	
					RPD = 3.03	
30 Dieldrin						
1	7.157	7.147	0.010	348871	92.7	
2	6.097	6.100	-0.003	425338	89.8	
					RPD = 3.21	
20 Endrin						
1	7.503	7.493	0.010	304786	92.4	
2	6.407	6.407	0.0	356487	90.5	
					RPD = 2.06	
16 4,4'-DDD						
1	7.597	7.590	0.007	282647	93.6	
2	6.490	6.490	0.0	330210	89.6	
					RPD = 4.41	
11 Endosulfan II						
1	7.743	7.733	0.010	305569	90.7	
2	6.650	6.650	0.0	340170	89.1	
					RPD = 1.74	
21 4,4'-DDT						
1	7.963	7.953	0.010	298923	93.3	
2	6.783	6.783	0.0	357976	88.0	
					RPD = 5.89	
5 Endrin aldehyde						
1	8.133	8.123	0.010	239141	89.8	
2	7.077	7.077	0.0	283716	88.0	
					RPD = 2.10	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	253050	91.6	
2	7.540	7.540	0.0	310349	90.7	
					RPD = 0.95	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.623	8.620	0.003	148938	91.0	
2	7.290	7.290	0.0	179323	91.5	
					RPD = 0.56	
13 Endrin ketone						
1	8.830	8.823	0.007	284513	91.4	
2	7.853	7.853	0.0	361772	91.5	
					RPD = 0.21	
$ 24 DCB Decachlorobiphenyl						
1	9.827	9.823	0.004	231222	96.4	
2	8.777	8.777	0.0	284503	91.2	
					RPD = 5.58	

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 13:21:49	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:			
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	175660	Lims Sample ID:	18
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:37:21	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: kapoors Date: 09-Aug-2013 13:37:39

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.320	2.323	-0.003	417746	99.5	
2	1.813	1.833	-0.020	408764	96.2	
					RPD = 3.38	
15 alpha-BHC						
1	3.337	3.327	0.010	566790	97.3	
2	2.297	2.317	-0.020	582322	92.9	
					RPD = 4.64	
2 gamma-BHC (Lindane)						
1	4.000	3.987	0.013	499667	96.9	
2	2.670	2.697	-0.027	545450	94.3	
					RPD = 2.73	
6 beta-BHC						
1	4.143	4.130	0.013	244719	92.2	
2	2.797	2.823	-0.026	256896	92.4	
					RPD = 0.19	
32 delta-BHC						
1	4.683	4.667	0.016	484776	96.4	
2	3.093	3.117	-0.024	558315	94.4	
					RPD = 2.14	
18 Heptachlor						
1	4.803	4.790	0.013	405329	97.4	
2	3.443	3.463	-0.020	503832	94.0	
					RPD = 3.50	
8 Aldrin						
1	5.430	5.410	0.020	453812	95.4	
2	3.943	3.960	-0.017	515115	99.2	
					RPD = 3.88	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.417	6.407	0.010	363698	92.2	
2	4.950	4.963	-0.013	443387	91.1	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.637	6.627	0.010	353438	91.0	
2	5.173	5.180	-0.007	450144	88.6	
					RPD = 2.73	
23 alpha-Chlordane						
1	6.793	6.783	0.010	328809	91.5	
2	5.413	5.420	-0.007	428010	88.8	
					RPD = 3.06	
7 Endosulfan I						
1	6.860	6.850	0.010	321406	91.5	
2	5.663	5.670	-0.007	436531	89.1	
					RPD = 2.74	
25 4,4'-DDE						
1	6.953	6.943	0.010	335227	92.6	
2	5.563	5.570	-0.007	401624	89.9	
					RPD = 3.03	
30 Dieldrin						
1	7.157	7.147	0.010	348871	92.7	
2	6.097	6.100	-0.003	425338	89.8	
					RPD = 3.21	
20 Endrin						
1	7.503	7.493	0.010	304786	92.4	
2	6.407	6.407	0.0	356487	90.5	
					RPD = 2.06	
16 4,4'-DDD						
1	7.597	7.590	0.007	282647	93.6	
2	6.490	6.490	0.0	330210	89.6	
					RPD = 4.41	
11 Endosulfan II						
1	7.743	7.733	0.010	305569	90.7	
2	6.650	6.650	0.0	340170	89.1	
					RPD = 1.74	
21 4,4'-DDT						
1	7.963	7.953	0.010	298923	93.3	
2	6.783	6.783	0.0	357976	88.0	
					RPD = 5.89	
5 Endrin aldehyde						
1	8.133	8.123	0.010	239141	89.8	
2	7.077	7.077	0.0	283716	88.0	
					RPD = 2.10	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	253050	91.6	
2	7.540	7.540	0.0	310349	90.7	
					RPD = 0.95	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.623	8.620	0.003	148938	91.0	
2	7.290	7.290	0.0	179323	91.5	
					RPD = 0.56	
13 Endrin ketone						
1	8.830	8.823	0.007	284513	91.4	
2	7.853	7.853	0.0	361772	91.5	
					RPD = 0.21	
$ 24 DCB Decachlorobiphenyl						
1	9.827	9.823	0.004	231222	96.4	
2	8.777	8.777	0.0	284503	91.2	
					RPD = 5.58	

Report Date: 12-Aug-2013 10:37:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Injection Date:	09-Aug-2013 13:21:49	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

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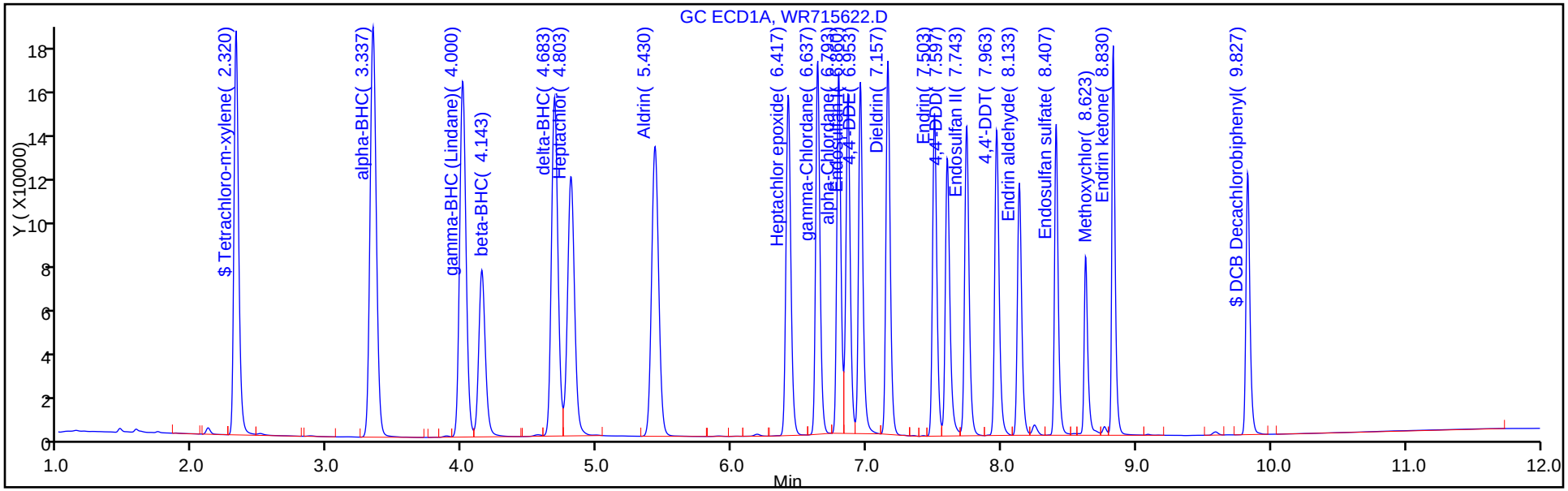
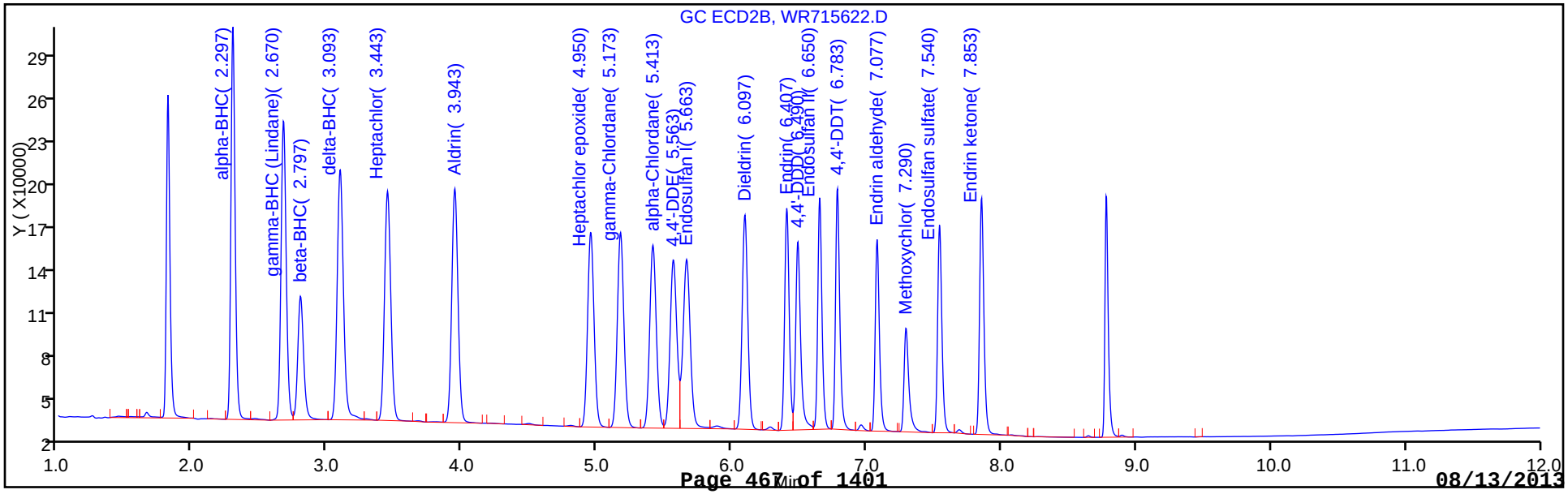


Y Scaling:

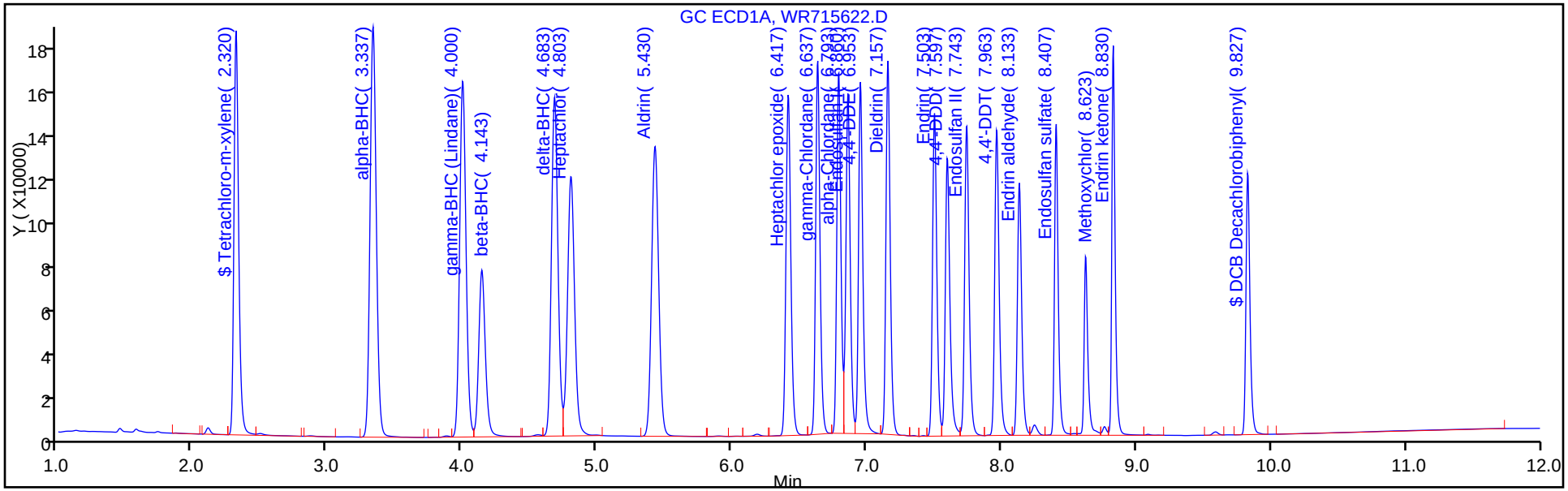


Report Date: 12-Aug-2013 10:37:22 Chrom Revision: 2.1 25-Jul-2013 20:19:50

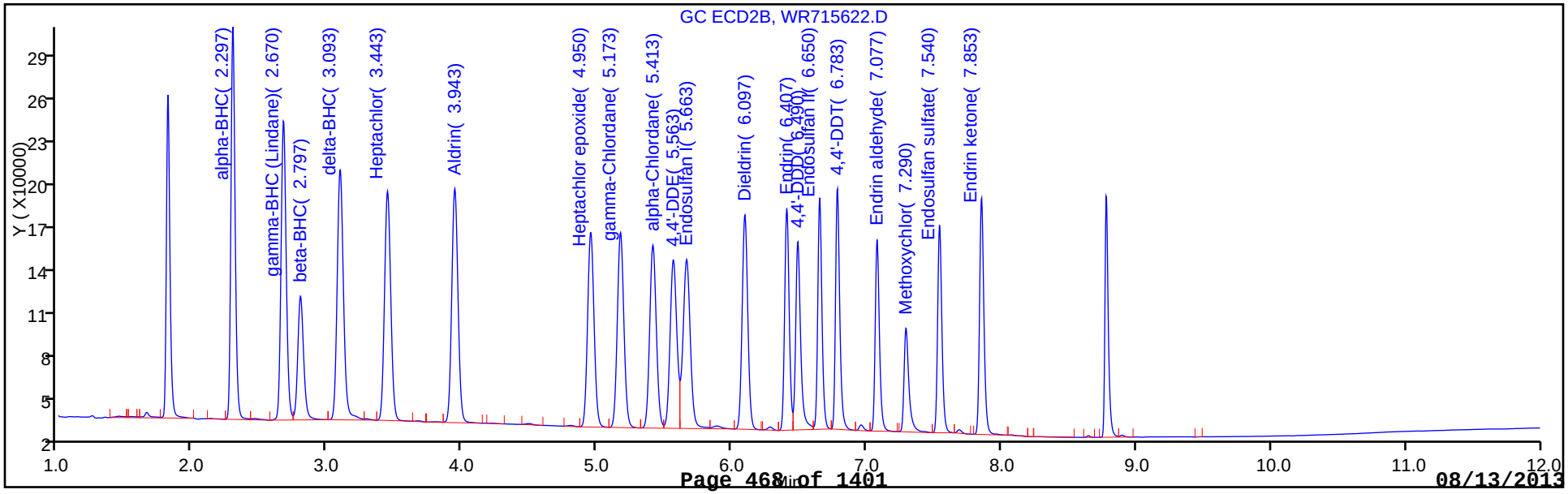
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715622.D		
Injection Date:	09-Aug-2013 13:21:49	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	18
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/40 Calibration Date: 08/09/2013 19:02

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715644.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	5827	5775		99.1	100	-0.9	15.0
gamma-BHC (Lindane)	Ave	5156	5065		98.2	100	-1.8	15.0
beta-BHC	Ave	2653	2501		94.3	100	-5.7	15.0
delta-BHC	Ave	5028	4945		98.3	100	-1.7	15.0
Heptachlor	Ave	4162	4227		102	100	1.5	15.0
Aldrin	Ave	4758	4701		98.8	100	-1.2	15.0
Heptachlor epoxide	Ave	3944	3751		95.1	100	-4.9	15.0
gamma-Chlordane	Ave	3883	3655		94.1	100	-5.9	15.0
alpha-Chlordane	Ave	3593	3382		94.1	100	-5.9	15.0
Endosulfan I	Ave	3511	3337		95.0	100	-5.0	15.0
4,4'-DDE	Ave	3619	3480		96.2	100	-3.8	15.0
Dieldrin	Ave	3764	3611		95.9	100	-4.1	15.0
Endrin	Ave	3298	3081		93.4	100	-6.6	15.0
4,4'-DDD	Ave	3019	2911		96.4	100	-3.6	15.0
Endosulfan II	Ave	3369	3140		93.2	100	-6.8	15.0
4,4'-DDT	Ave	3202	3044		95.1	100	-4.9	15.0
Endrin aldehyde	Ave	2662	2453		92.2	100	-7.8	15.0
Endosulfan sulfate	Ave	2763	2591		93.8	100	-6.2	15.0
Methoxychlor	Ave	1637	1483		90.6	100	-9.4	15.0
Endrin ketone	Ave	3114	2882		92.5	100	-7.5	15.0
Tetrachloro-m-xylene	Ave	4199	4221		101	100	0.5	15.0
DCB Decachlorobiphenyl	Ave	2399	2369		98.8	100	-1.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/40 Calibration Date: 08/09/2013 19:02

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715644.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.35	3.28	3.38
gamma-BHC (Lindane)	4.01	3.94	4.04
beta-BHC	4.15	4.08	4.18
delta-BHC	4.69	4.62	4.72
Heptachlor	4.81	4.74	4.84
Aldrin	5.44	5.36	5.46
Heptachlor epoxide	6.42	6.34	6.48
gamma-Chlordane	6.64	6.56	6.70
alpha-Chlordane	6.80	6.71	6.85
Endosulfan I	6.86	6.78	6.92
4,4'-DDE	6.96	6.87	7.01
Dieldrin	7.16	7.08	7.22
Endrin	7.51	7.42	7.56
4,4'-DDD	7.60	7.52	7.66
Endosulfan II	7.75	7.66	7.80
4,4'-DDT	7.97	7.88	8.02
Endrin aldehyde	8.14	8.05	8.19
Endosulfan sulfate	8.41	8.33	8.47
Methoxychlor	8.63	8.55	8.69
Endrin ketone	8.83	8.75	8.89
Tetrachloro-m-xylene	2.33	2.27	2.37
DCB Decachlorobiphenyl	9.83	9.72	9.92

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715644.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 19:02:03	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003369-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	175660	Lims Sample ID:	40
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:41:04	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: foleysont Date: 09-Aug-2013 22:01:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.327	2.323	0.004	422140	100.5	
2	1.813	1.833	-0.020	409940	96.5	
					RPD = 4.13	
15 alpha-BHC						
1	3.347	3.327	0.020	577482	99.1	
2	2.297	2.317	-0.020	588052	93.8	
					RPD = 5.53	
2 gamma-BHC (Lindane)						
1	4.010	3.987	0.023	506536	98.2	
2	2.670	2.697	-0.027	554157	95.8	
					RPD = 2.51	
6 beta-BHC						
1	4.153	4.130	0.023	250053	94.3	
2	2.797	2.823	-0.026	260894	93.9	
					RPD = 0.42	
32 delta-BHC						
1	4.693	4.667	0.026	494467	98.3	
2	3.093	3.117	-0.024	571184	96.5	
					RPD = 1.85	
18 Heptachlor						
1	4.813	4.790	0.023	422671	101.5	
2	3.443	3.463	-0.020	509203	95.0	
					RPD = 6.63	
8 Aldrin						
1	5.437	5.410	0.027	470072	98.8	
2	3.943	3.960	-0.017	529639	102.0	
					RPD = 3.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.407	0.016	375061	95.1	
2	4.953	4.963	-0.010	461915	95.0	
					RPD = 0.16	
9 gamma-Chlordane						
1	6.640	6.627	0.013	365508	94.1	
2	5.173	5.180	-0.007	470154	92.5	
					RPD = 1.74	
23 alpha-Chlordane						
1	6.797	6.783	0.014	338178	94.1	
2	5.413	5.420	-0.007	447384	92.8	
					RPD = 1.45	
7 Endosulfan I						
1	6.863	6.850	0.013	333681	95.0	
2	5.663	5.670	-0.007	454965	92.8	
					RPD = 2.35	
25 4,4'-DDE						
1	6.957	6.943	0.014	348010	96.2	
2	5.567	5.570	-0.003	424855	95.1	
					RPD = 1.15	
30 Dieldrin						
1	7.160	7.147	0.013	361059	95.9	
2	6.097	6.100	-0.003	444457	93.8	
					RPD = 2.25	
20 Endrin						
1	7.507	7.493	0.014	308111	93.4	
2	6.407	6.407	0.0	363501	92.3	
					RPD = 1.20	
16 4,4'-DDD						
1	7.603	7.590	0.013	291107	96.4	
2	6.490	6.490	0.0	351313	95.3	
					RPD = 1.17	
11 Endosulfan II						
1	7.747	7.733	0.014	314045	93.2	
2	6.653	6.650	0.003	353839	92.7	
					RPD = 0.53	
21 4,4'-DDT						
1	7.967	7.953	0.014	304422	95.1	
2	6.783	6.783	0.0	372184	91.5	
					RPD = 3.82	
5 Endrin aldehyde						
1	8.137	8.123	0.014	245338	92.2	
2	7.077	7.077	0.0	294262	91.2	
					RPD = 1.01	
3 Endosulfan sulfate						
1	8.410	8.400	0.010	259119	93.8	
2	7.540	7.540	0.0	319943	93.5	
					RPD = 0.27	

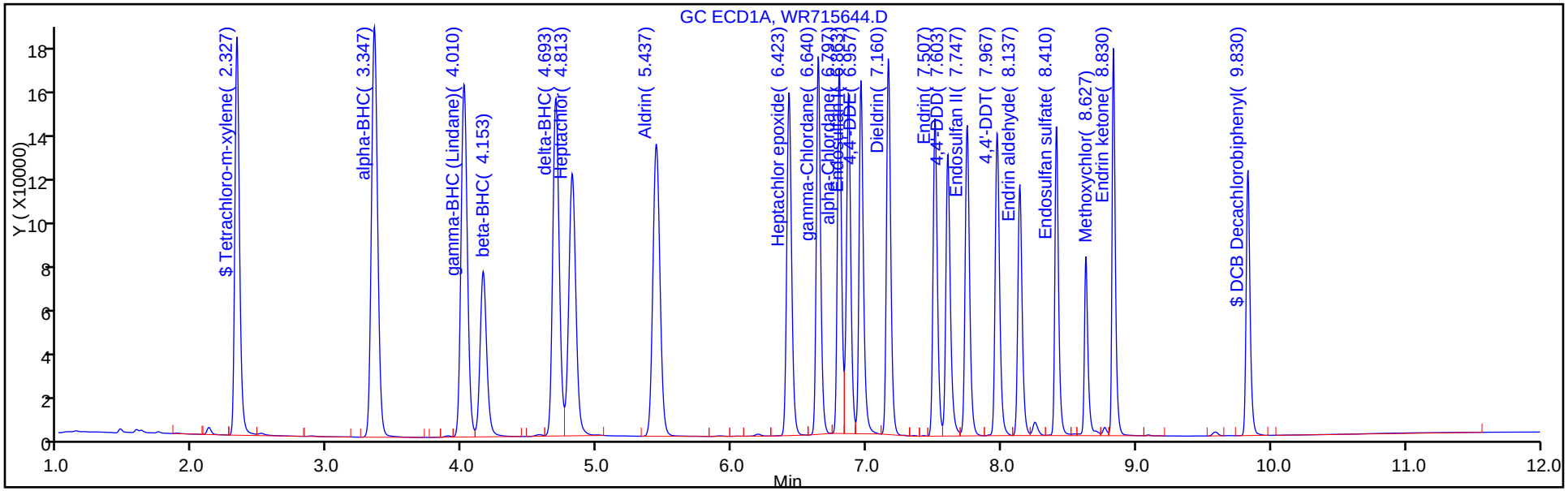
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.620	0.007	148254	90.6	
2	7.293	7.290	0.003	179309	91.5	
					RPD = 1.01	
13 Endrin ketone						
1	8.830	8.823	0.007	288190	92.5	
2	7.853	7.853	0.0	370661	93.8	
					RPD = 1.36	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	236898	98.8	
2	8.777	8.777	0.0	291020	93.2	
					RPD = 5.74	

Report Date: 12-Aug-2013 10:41:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

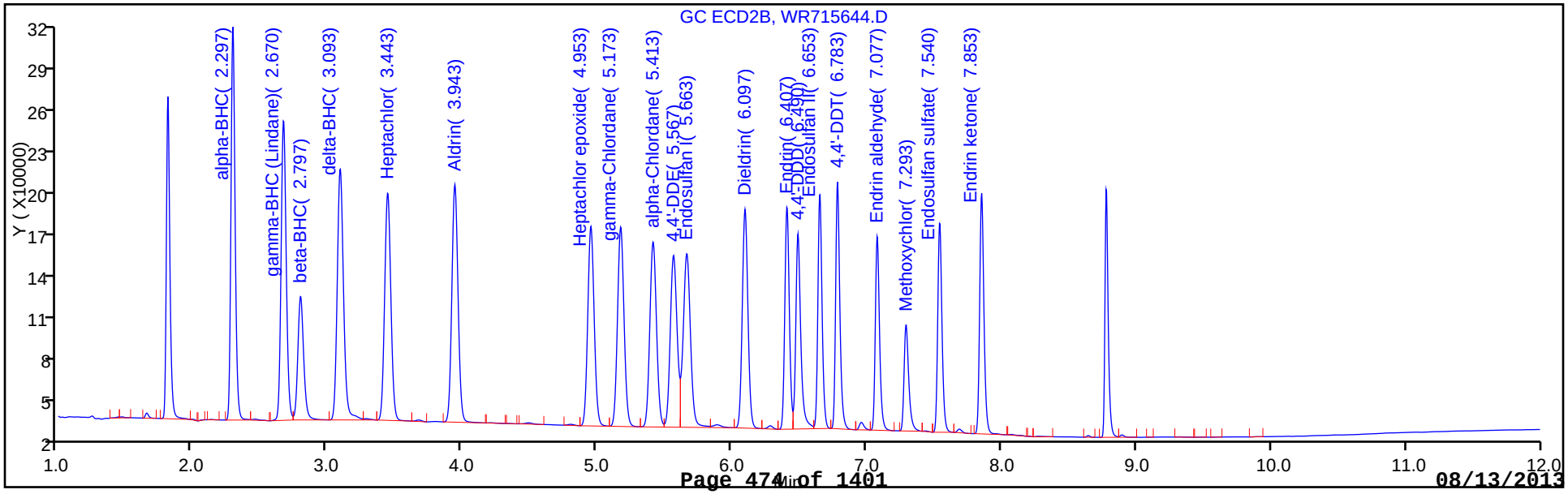
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715644.D		
Injection Date:	09-Aug-2013 19:02:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/40 Calibration Date: 08/09/2013 19:02

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715644.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	6271	5881		93.8	100	-6.2	15.0
gamma-BHC (Lindane)	Ave	5784	5542		95.8	100	-4.2	15.0
beta-BHC	Ave	2780	2609		93.9	100	-6.1	15.0
delta-BHC	Ave	5916	5712		96.5	100	-3.5	15.0
Heptachlor	Ave	5359	5092		95.0	100	-5.0	15.0
Aldrin	Ave	5195	5296		102	100	2.0	15.0
Heptachlor epoxide	Ave	4865	4619		95.0	100	-5.0	15.0
gamma-Chlordane	Ave	5082	4702		92.5	100	-7.5	15.0
alpha-Chlordane	Ave	4822	4474		92.8	100	-7.2	15.0
4,4'-DDE	Ave	4470	4249		95.1	100	-4.9	15.0
Endosulfan I	Ave	4902	4550		92.8	100	-7.2	15.0
Dieldrin	Ave	4739	4445		93.8	100	-6.2	15.0
Endrin	Ave	3937	3635		92.3	100	-7.7	15.0
4,4'-DDD	Ave	3686	3513		95.3	100	-4.7	15.0
Endosulfan II	Ave	3816	3538		92.7	100	-7.3	15.0
4,4'-DDT	Ave	4068	3722		91.5	100	-8.5	15.0
Endrin aldehyde	Ave	3225	2943		91.2	100	-8.8	15.0
Methoxychlor	Ave	1960	1793		91.5	100	-8.5	15.0
Endosulfan sulfate	Ave	3421	3199		93.5	100	-6.5	15.0
Endrin ketone	Ave	3952	3707		93.8	100	-6.2	15.0
Tetrachloro-m-xylene	Ave	4250	4099		96.5	100	-3.5	15.0
DCB Decachlorobiphenyl	Ave	3121	2910		93.2	100	-6.8	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175660/40 Calibration Date: 08/09/2013 19:02

Instrument ID: CPESTGC4 Calib Start Date: 08/08/2013 09:01

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/08/2013 11:13

Lab File ID: WR715644.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.30	2.27	2.37
gamma-BHC (Lindane)	2.67	2.65	2.75
beta-BHC	2.80	2.77	2.87
delta-BHC	3.09	3.07	3.17
Heptachlor	3.44	3.41	3.51
Aldrin	3.94	3.91	4.01
Heptachlor epoxide	4.95	4.89	5.03
gamma-Chlordane	5.17	5.11	5.25
alpha-Chlordane	5.41	5.35	5.49
4,4'-DDE	5.57	5.50	5.64
Endosulfan I	5.66	5.60	5.74
Dieldrin	6.10	6.03	6.17
Endrin	6.41	6.34	6.48
4,4'-DDD	6.49	6.42	6.56
Endosulfan II	6.65	6.58	6.72
4,4'-DDT	6.78	6.71	6.85
Endrin aldehyde	7.08	7.01	7.15
Methoxychlor	7.29	7.22	7.36
Endosulfan sulfate	7.54	7.47	7.61
Endrin ketone	7.85	7.78	7.92
Tetrachloro-m-xylene	1.81	1.78	1.88
DCB Decachlorobiphenyl	8.78	8.68	8.88

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715644.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	09-Aug-2013 19:02:03	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003369-040		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	40
Lims Batch ID:	175660	Lims Sample ID:	40
Sublist:	chrom-8081GC4*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	12-Aug-2013 10:41:04	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK032		

First Level Reviewer: foleysont Date: 09-Aug-2013 22:01:32

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.327	2.323	0.004	422140	100.5	
2	1.813	1.833	-0.020	409940	96.5	
					RPD = 4.13	
15 alpha-BHC						
1	3.347	3.327	0.020	577482	99.1	
2	2.297	2.317	-0.020	588052	93.8	
					RPD = 5.53	
2 gamma-BHC (Lindane)						
1	4.010	3.987	0.023	506536	98.2	
2	2.670	2.697	-0.027	554157	95.8	
					RPD = 2.51	
6 beta-BHC						
1	4.153	4.130	0.023	250053	94.3	
2	2.797	2.823	-0.026	260894	93.9	
					RPD = 0.42	
32 delta-BHC						
1	4.693	4.667	0.026	494467	98.3	
2	3.093	3.117	-0.024	571184	96.5	
					RPD = 1.85	
18 Heptachlor						
1	4.813	4.790	0.023	422671	101.5	
2	3.443	3.463	-0.020	509203	95.0	
					RPD = 6.63	
8 Aldrin						
1	5.437	5.410	0.027	470072	98.8	
2	3.943	3.960	-0.017	529639	102.0	
					RPD = 3.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.407	0.016	375061	95.1	
2	4.953	4.963	-0.010	461915	95.0	
					RPD = 0.16	
9 gamma-Chlordane						
1	6.640	6.627	0.013	365508	94.1	
2	5.173	5.180	-0.007	470154	92.5	
					RPD = 1.74	
23 alpha-Chlordane						
1	6.797	6.783	0.014	338178	94.1	
2	5.413	5.420	-0.007	447384	92.8	
					RPD = 1.45	
7 Endosulfan I						
1	6.863	6.850	0.013	333681	95.0	
2	5.663	5.670	-0.007	454965	92.8	
					RPD = 2.35	
25 4,4'-DDE						
1	6.957	6.943	0.014	348010	96.2	
2	5.567	5.570	-0.003	424855	95.1	
					RPD = 1.15	
30 Dieldrin						
1	7.160	7.147	0.013	361059	95.9	
2	6.097	6.100	-0.003	444457	93.8	
					RPD = 2.25	
20 Endrin						
1	7.507	7.493	0.014	308111	93.4	
2	6.407	6.407	0.0	363501	92.3	
					RPD = 1.20	
16 4,4'-DDD						
1	7.603	7.590	0.013	291107	96.4	
2	6.490	6.490	0.0	351313	95.3	
					RPD = 1.17	
11 Endosulfan II						
1	7.747	7.733	0.014	314045	93.2	
2	6.653	6.650	0.003	353839	92.7	
					RPD = 0.53	
21 4,4'-DDT						
1	7.967	7.953	0.014	304422	95.1	
2	6.783	6.783	0.0	372184	91.5	
					RPD = 3.82	
5 Endrin aldehyde						
1	8.137	8.123	0.014	245338	92.2	
2	7.077	7.077	0.0	294262	91.2	
					RPD = 1.01	
3 Endosulfan sulfate						
1	8.410	8.400	0.010	259119	93.8	
2	7.540	7.540	0.0	319943	93.5	
					RPD = 0.27	

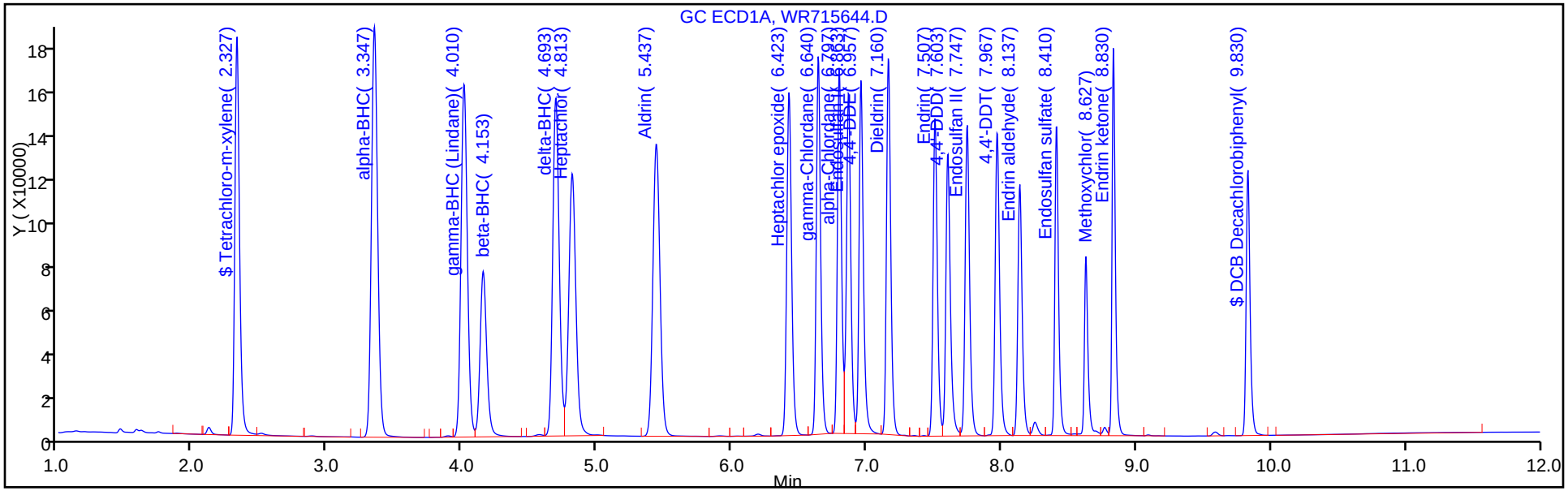
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.620	0.007	148254	90.6	
2	7.293	7.290	0.003	179309	91.5	
					RPD = 1.01	
13 Endrin ketone						
1	8.830	8.823	0.007	288190	92.5	
2	7.853	7.853	0.0	370661	93.8	
					RPD = 1.36	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	236898	98.8	
2	8.777	8.777	0.0	291020	93.2	
					RPD = 5.74	

Report Date: 12-Aug-2013 10:41:05 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715644.D		
Injection Date:	09-Aug-2013 19:02:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175660	Lims Sample ID:	40
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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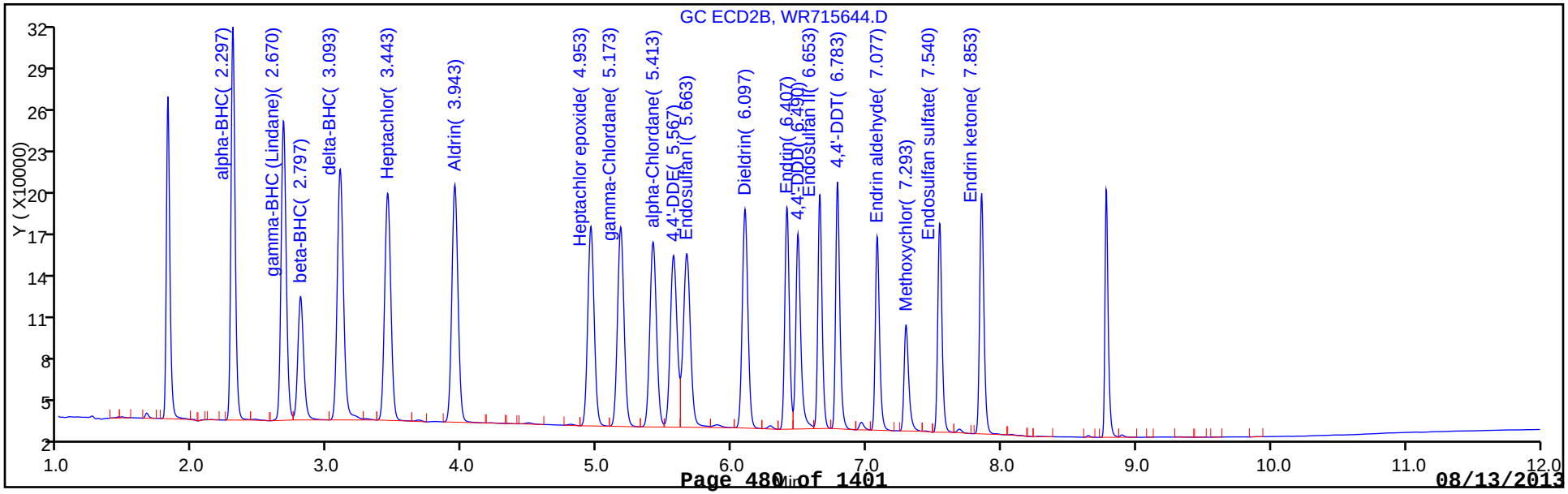


FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175563/4 Calibration Date: 08/11/2013 13:14

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096478.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	335410	346160		103	100	3.2	15.0
gamma-BHC (Lindane)	Ave	314362	323141		103	100	2.8	15.0
beta-BHC	Ave	171753	170613		99.3	100	-0.7	15.0
delta-BHC	Ave	305594	310027		101	100	1.5	15.0
Heptachlor	Ave	253053	255914		101	100	1.1	15.0
Aldrin	Ave	296501	296858		100	100	0.1	15.0
Heptachlor epoxide	Ave	267540	276092		103	100	3.2	15.0
gamma-Chlordane	Ave	264224	276412		105	100	4.6	15.0
alpha-Chlordane	Ave	213974	223895		105	100	4.6	15.0
Endosulfan I	Ave	248531	262335		106	100	5.6	15.0
4,4'-DDE	Ave	261215	279134		107	100	6.9	15.0
Dieldrin	Ave	253724	269882		106	100	6.4	15.0
Endrin	Ave	214361	223508		104	100	4.3	15.0
4,4'-DDD	Ave	217399	227092		104	100	4.5	15.0
Endosulfan II	Ave	246770	257265		104	100	4.3	15.0
4,4'-DDT	Ave	204613	230503		113	100	12.7	15.0
Endrin aldehyde	Ave	197678	203069		103	100	2.7	15.0
Endosulfan sulfate	Ave	226227	241328		107	100	6.7	15.0
Methoxychlor	Ave	115388	129925		113	100	12.6	15.0
Endrin ketone	Ave	226309	243122		107	100	7.4	15.0
Tetrachloro-m-xylene	Ave	277314	285426		103	100	2.9	15.0
DCB Decachlorobiphenyl	Ave	247493	269127		109	100	8.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175563/4 Calibration Date: 08/11/2013 13:14

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096478.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.27	3.22	3.32
gamma-BHC (Lindane)	3.98	3.93	4.03
beta-BHC	4.13	4.08	4.18
delta-BHC	4.71	4.66	4.76
Heptachlor	4.84	4.79	4.89
Aldrin	5.51	5.46	5.56
Heptachlor epoxide	6.41	6.34	6.48
gamma-Chlordane	6.57	6.50	6.64
alpha-Chlordane	6.69	6.62	6.76
Endosulfan I	6.73	6.66	6.80
4,4'-DDE	6.80	6.73	6.87
Dieldrin	6.92	6.85	6.99
Endrin	7.13	7.06	7.20
4,4'-DDD	7.19	7.12	7.26
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.42	7.35	7.49
Endrin aldehyde	7.53	7.46	7.60
Endosulfan sulfate	7.76	7.69	7.83
Methoxychlor	8.00	7.93	8.07
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	2.26	2.21	2.31
DCB Decachlorobiphenyl	9.48	9.38	9.58

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096478.D		
Lims ID:	CCVRT	Client ID:	
Inject. Date:	11-Aug-2013 13:14:16	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003431-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	175563	Lims Sample ID:	4
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:35:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.261	2.261	0.0	28542590	102.9	
2	1.798	1.798	0.0	43742640	100.3	
					RPD = 2.61	
15 alpha-BHC						
1	3.274	3.274	0.0	34615964	103.2	
2	2.287	2.287	0.0	55759941	102.3	
					RPD = 0.92	
2 gamma-BHC (Lindane)						
1	3.976	3.976	0.0	32314086	102.8	
2	2.674	2.674	0.0	51196517	103.1	
					RPD = 0.32	
6 beta-BHC						
1	4.129	4.129	0.0	17061326	99.3	
2	2.811	2.811	0.0	25648673	100.9	
					RPD = 1.59	
32 delta-BHC						
1	4.709	4.709	0.0	31002698	101.5	
2	3.126	3.126	0.0	50227372	104.4	
					RPD = 2.88	
18 Heptachlor						
1	4.841	4.841	0.0	25591399	101.1	
2	3.493	3.493	0.0	40209711	102.3	
					RPD = 1.15	
8 Aldrin						
1	5.507	5.507	0.0	29685769	100.1	
2	4.024	4.024	0.0	45115247	103.4	
					RPD = 3.18	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	27609221	103.2	
2	5.114	5.114	0.0	42421092	102.4	
					RPD = 0.73	
9 gamma-Chlordane						
1	6.570	6.570	0.0	27641162	104.6	
2	5.349	5.349	0.0	42898527	101.2	
					RPD = 3.35	
23 alpha-Chlordane						
1	6.685	6.685	0.0	22389458	104.6	
2	5.607	5.607	0.0	41670094	102.9	
					RPD = 1.70	
7 Endosulfan I						
1	6.732	6.732	0.0	26233455	105.6	
2	5.879	5.879	0.0	40264176	105.5	
					RPD = 0.00	
25 4,4'-DDE						
1	6.795	6.795	0.0	27913403	106.9	
2	5.764	5.764	0.0	37963983	103.9	
					RPD = 2.78	
30 Dieldrin						
1	6.923	6.923	0.0	26988165	106.4	
2	6.224	6.224	0.0	39601944	105.8	
					RPD = 0.57	
20 Endrin						
1	7.129	7.129	0.0	22350778	104.3	
2	6.449	6.449	0.0	32151650	105.7	
					RPD = 1.41	
16 4,4'-DDD						
1	7.189	7.189	0.0	22709155	104.5	
2	6.505	6.505	0.0	33829719	107.1	
					RPD = 2.53	
11 Endosulfan II						
1	7.278	7.278	0.0	25726461	104.3	
2	6.629	6.629	0.0	35207215	107.1	
					RPD = 2.71	
21 4,4'-DDT						
1	7.424	7.424	0.0	23050337	112.7	
2	6.716	6.716	0.0	36079651	109.5	
					RPD = 2.84	
5 Endrin aldehyde						
1	7.534	7.534	0.0	20306924	102.7	
2	6.914	6.914	0.0	31288945	105.6	
					RPD = 2.74	
3 Endosulfan sulfate						
1	7.759	7.759	0.0	24132750	106.7	
2	7.196	7.196	0.0	36632182	107.4	
					RPD = 0.63	

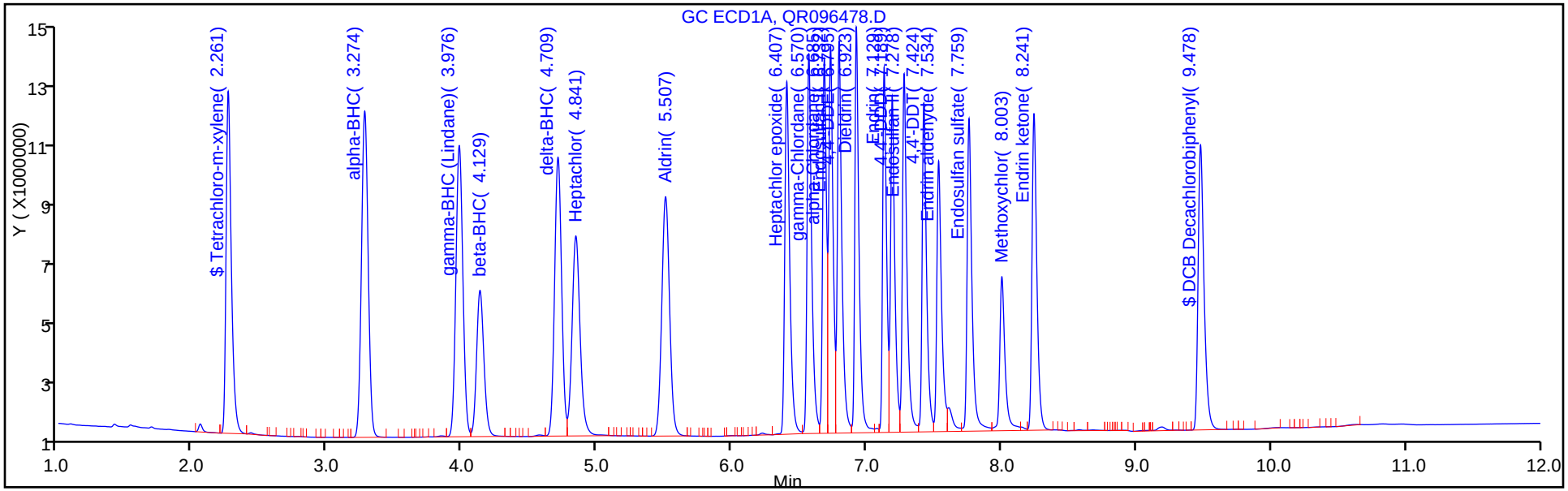
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.003	8.003	0.0	12992542	112.6	
2	7.037	7.037	0.0	21036063	112.4	
					RPD = 0.20	
13 Endrin ketone						
1	8.241	8.241	0.0	24312235	107.4	
2	7.394	7.394	0.0	38430696	106.4	
					RPD = 0.94	
$ 24 DCB Decachlorobiphenyl						
1	9.478	9.478	0.0	26912747	108.7	
2	8.234	8.234	0.0	40428433	104.9	
					RPD = 3.57	

Report Date: 12-Aug-2013 10:22:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

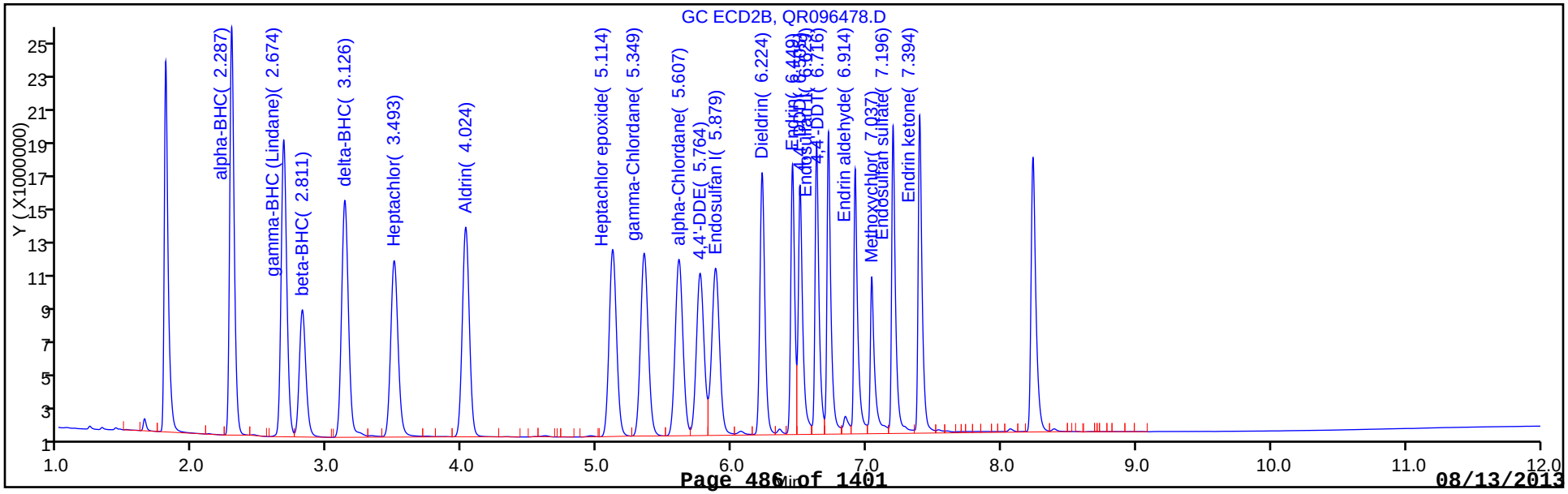
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096478.D		
Injection Date:	11-Aug-2013 13:14:16	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175563/4 Calibration Date: 08/11/2013 13:14

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096478.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	545281	557599		102	100	2.3	15.0
gamma-BHC (Lindane)	Ave	496486	511965		103	100	3.1	15.0
beta-BHC	Ave	254139	256487		101	100	0.9	15.0
delta-BHC	Ave	481039	502274		104	100	4.4	15.0
Heptachlor	Ave	393051	402097		102	100	2.3	15.0
Aldrin	Ave	436526	451152		103	100	3.4	15.0
Heptachlor epoxide	Ave	414070	424211		102	100	2.4	15.0
gamma-Chlordane	Ave	424031	428985		101	100	1.2	15.0
alpha-Chlordane	Ave	405065	416701		103	100	2.9	15.0
4,4'-DDE	Ave	365292	379640		104	100	3.9	15.0
Endosulfan I	Ave	381475	402642		106	100	5.5	15.0
Dieldrin	Ave	374425	396019		106	100	5.8	15.0
Endrin	Ave	304049	321517		106	100	5.7	15.0
4,4'-DDD	Ave	315770	338297		107	100	7.1	15.0
Endosulfan II	Ave	328689	352072		107	100	7.1	15.0
4,4'-DDT	Ave	329507	360797		109	100	9.5	15.0
Endrin aldehyde	Ave	296341	312889		106	100	5.6	15.0
Methoxychlor	Ave	187199	210361		112	100	12.4	15.0
Endosulfan sulfate	Ave	341231	366322		107	100	7.4	15.0
Endrin ketone	Ave	361093	384307		106	100	6.4	15.0
Tetrachloro-m-xylene	Ave	436252	437426		100	100	0.3	15.0
DCB Decachlorobiphenyl	Ave	385281	404284		105	100	4.9	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCVRT 460-175563/4 Calibration Date: 08/11/2013 13:14

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096478.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.29	2.24	2.34
gamma-BHC (Lindane)	2.67	2.62	2.72
beta-BHC	2.81	2.76	2.86
delta-BHC	3.13	3.08	3.18
Heptachlor	3.49	3.44	3.54
Aldrin	4.02	3.97	4.07
Heptachlor epoxide	5.11	5.04	5.18
gamma-Chlordane	5.35	5.28	5.42
alpha-Chlordane	5.61	5.54	5.68
4,4'-DDE	5.76	5.69	5.83
Endosulfan I	5.88	5.81	5.95
Dieldrin	6.22	6.15	6.29
Endrin	6.45	6.38	6.52
4,4'-DDD	6.51	6.44	6.58
Endosulfan II	6.63	6.56	6.70
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	6.91	6.84	6.98
Methoxychlor	7.04	6.97	7.11
Endosulfan sulfate	7.20	7.13	7.27
Endrin ketone	7.39	7.32	7.46
Tetrachloro-m-xylene	1.80	1.75	1.85
DCB Decachlorobiphenyl	8.23	8.13	8.33

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096478.D		
Lims ID:	CCVRT	Client ID:	
Inject. Date:	11-Aug-2013 13:14:16	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003431-004		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	175563	Lims Sample ID:	4
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:35:51

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.261	2.261	0.0	28542590	102.9	
2	1.798	1.798	0.0	43742640	100.3	
					RPD = 2.61	
15 alpha-BHC						
1	3.274	3.274	0.0	34615964	103.2	
2	2.287	2.287	0.0	55759941	102.3	
					RPD = 0.92	
2 gamma-BHC (Lindane)						
1	3.976	3.976	0.0	32314086	102.8	
2	2.674	2.674	0.0	51196517	103.1	
					RPD = 0.32	
6 beta-BHC						
1	4.129	4.129	0.0	17061326	99.3	
2	2.811	2.811	0.0	25648673	100.9	
					RPD = 1.59	
32 delta-BHC						
1	4.709	4.709	0.0	31002698	101.5	
2	3.126	3.126	0.0	50227372	104.4	
					RPD = 2.88	
18 Heptachlor						
1	4.841	4.841	0.0	25591399	101.1	
2	3.493	3.493	0.0	40209711	102.3	
					RPD = 1.15	
8 Aldrin						
1	5.507	5.507	0.0	29685769	100.1	
2	4.024	4.024	0.0	45115247	103.4	
					RPD = 3.18	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	27609221	103.2	
2	5.114	5.114	0.0	42421092	102.4	
					RPD = 0.73	
9 gamma-Chlordane						
1	6.570	6.570	0.0	27641162	104.6	
2	5.349	5.349	0.0	42898527	101.2	
					RPD = 3.35	
23 alpha-Chlordane						
1	6.685	6.685	0.0	22389458	104.6	
2	5.607	5.607	0.0	41670094	102.9	
					RPD = 1.70	
7 Endosulfan I						
1	6.732	6.732	0.0	26233455	105.6	
2	5.879	5.879	0.0	40264176	105.5	
					RPD = 0.00	
25 4,4'-DDE						
1	6.795	6.795	0.0	27913403	106.9	
2	5.764	5.764	0.0	37963983	103.9	
					RPD = 2.78	
30 Dieldrin						
1	6.923	6.923	0.0	26988165	106.4	
2	6.224	6.224	0.0	39601944	105.8	
					RPD = 0.57	
20 Endrin						
1	7.129	7.129	0.0	22350778	104.3	
2	6.449	6.449	0.0	32151650	105.7	
					RPD = 1.41	
16 4,4'-DDD						
1	7.189	7.189	0.0	22709155	104.5	
2	6.505	6.505	0.0	33829719	107.1	
					RPD = 2.53	
11 Endosulfan II						
1	7.278	7.278	0.0	25726461	104.3	
2	6.629	6.629	0.0	35207215	107.1	
					RPD = 2.71	
21 4,4'-DDT						
1	7.424	7.424	0.0	23050337	112.7	
2	6.716	6.716	0.0	36079651	109.5	
					RPD = 2.84	
5 Endrin aldehyde						
1	7.534	7.534	0.0	20306924	102.7	
2	6.914	6.914	0.0	31288945	105.6	
					RPD = 2.74	
3 Endosulfan sulfate						
1	7.759	7.759	0.0	24132750	106.7	
2	7.196	7.196	0.0	36632182	107.4	
					RPD = 0.63	

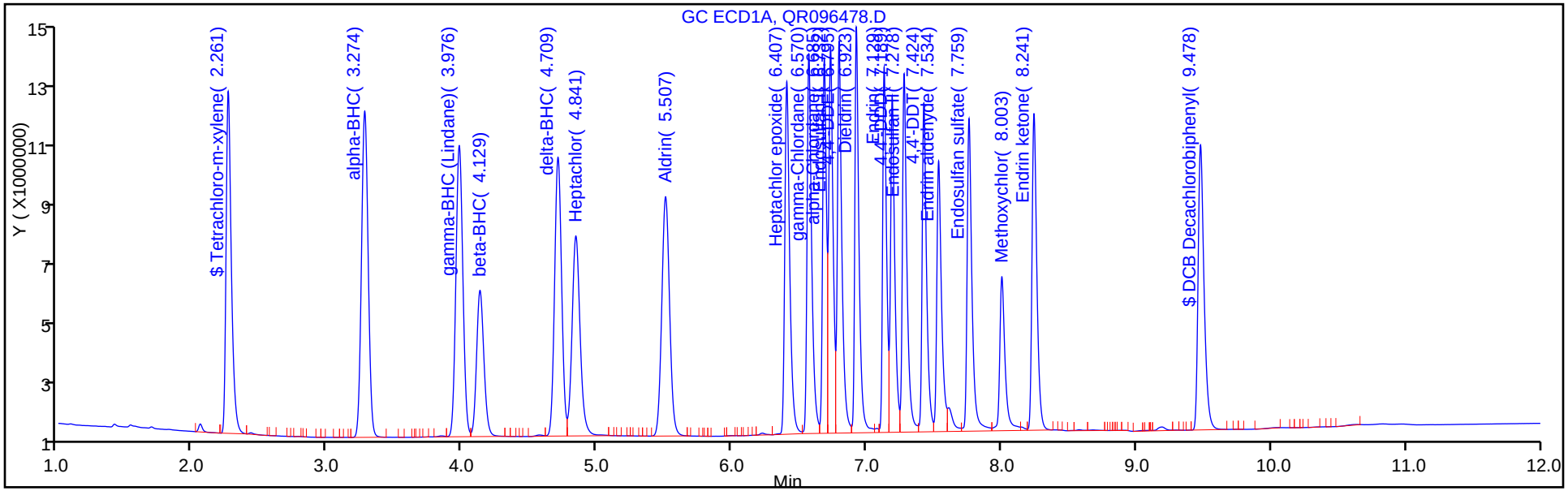
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.003	8.003	0.0	12992542	112.6	
2	7.037	7.037	0.0	21036063	112.4	
					RPD = 0.20	
13 Endrin ketone						
1	8.241	8.241	0.0	24312235	107.4	
2	7.394	7.394	0.0	38430696	106.4	
					RPD = 0.94	
$ 24 DCB Decachlorobiphenyl						
1	9.478	9.478	0.0	26912747	108.7	
2	8.234	8.234	0.0	40428433	104.9	
					RPD = 3.57	

Report Date: 12-Aug-2013 10:22:41 Chrom Revision: 2.1 25-Jul-2013 20:19:50

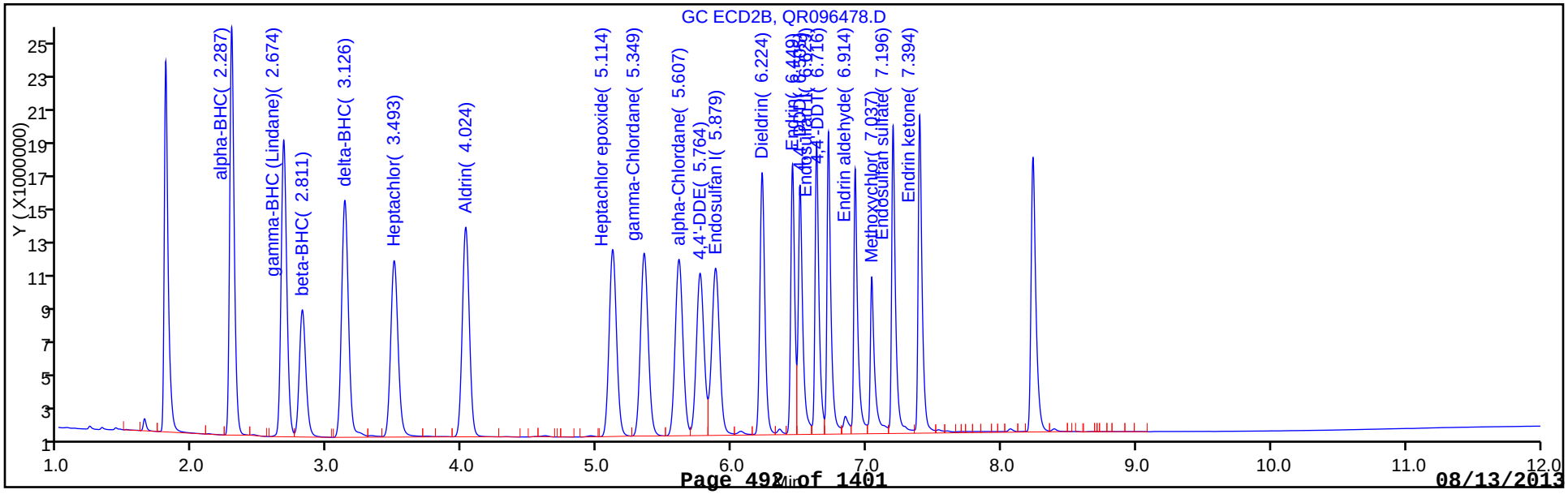
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096478.D		
Injection Date:	11-Aug-2013 13:14:16	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	4
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175563/15 Calibration Date: 08/11/2013 16:05

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096489.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	335410	339307		101	100	1.2	15.0
gamma-BHC (Lindane)	Ave	314362	317565		101	100	1.0	15.0
beta-BHC	Ave	171753	168963		98.4	100	-1.6	15.0
delta-BHC	Ave	305594	305036		99.8	100	-0.2	15.0
Heptachlor	Ave	253053	263819		104	100	4.3	15.0
Aldrin	Ave	296501	292279		98.6	100	-1.4	15.0
Heptachlor epoxide	Ave	267540	269754		101	100	0.8	15.0
gamma-Chlordane	Ave	264224	271207		103	100	2.6	15.0
alpha-Chlordane	Ave	213974	221423		103	100	3.5	15.0
Endosulfan I	Ave	248531	257749		104	100	3.7	15.0
4,4'-DDE	Ave	261215	272747		104	100	4.4	15.0
Dieldrin	Ave	253724	258001		102	100	1.7	15.0
Endrin	Ave	214361	216666		101	100	1.1	15.0
4,4'-DDD	Ave	217399	222251		102	100	2.2	15.0
Endosulfan II	Ave	246770	248283		101	100	0.6	15.0
4,4'-DDT	Ave	204613	228922		112	100	11.9	15.0
Endrin aldehyde	Ave	197678	200172		101	100	1.3	15.0
Endosulfan sulfate	Ave	226227	229035		101	100	1.2	15.0
Methoxychlor	Ave	115388	126741		110	100	9.8	15.0
Endrin ketone	Ave	226309	243019		107	100	7.4	15.0
Tetrachloro-m-xylene	Ave	277314	279410		101	100	0.8	15.0
DCB Decachlorobiphenyl	Ave	247493	272148		110	100	10.0	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175563/15 Calibration Date: 08/11/2013 16:05

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096489.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	3.28	3.23	3.33
gamma-BHC (Lindane)	3.98	3.93	4.03
beta-BHC	4.13	4.08	4.18
delta-BHC	4.71	4.66	4.76
Heptachlor	4.84	4.79	4.89
Aldrin	5.51	5.46	5.56
Heptachlor epoxide	6.41	6.34	6.48
gamma-Chlordane	6.57	6.50	6.64
alpha-Chlordane	6.69	6.62	6.76
Endosulfan I	6.73	6.66	6.80
4,4'-DDE	6.79	6.72	6.86
Dieldrin	6.92	6.85	6.99
Endrin	7.13	7.06	7.20
4,4'-DDD	7.19	7.12	7.26
Endosulfan II	7.28	7.21	7.35
4,4'-DDT	7.42	7.35	7.49
Endrin aldehyde	7.53	7.46	7.60
Endosulfan sulfate	7.76	7.69	7.83
Methoxychlor	8.00	7.93	8.07
Endrin ketone	8.24	8.17	8.31
Tetrachloro-m-xylene	2.26	2.21	2.31
DCB Decachlorobiphenyl	9.48	9.38	9.58

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	11-Aug-2013 16:05:48	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003431-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	175563	Lims Sample ID:	15
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:23:36	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:52:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.263	0.0	27940953	100.8	
2	1.799	1.799	0.0	43106718	98.8	
					RPD = 1.95	
15 alpha-BHC						
1	3.277	3.277	0.0	33930713	101.2	
2	2.288	2.288	0.0	54887960	100.7	
					RPD = 0.50	
2 gamma-BHC (Lindane)						
1	3.977	3.977	0.0	31756453	101.0	
2	2.675	2.675	0.0	50371594	101.5	
					RPD = 0.43	
6 beta-BHC						
1	4.131	4.131	0.0	16896256	98.4	
2	2.812	2.812	0.0	25251061	99.4	
					RPD = 1.00	
32 delta-BHC						
1	4.708	4.708	0.0	30503607	99.8	
2	3.127	3.127	0.0	49446631	102.8	
					RPD = 2.94	
18 Heptachlor						
1	4.840	4.840	0.0	26381915	104.3	
2	3.493	3.493	0.0	40888200	104.0	
					RPD = 0.22	
8 Aldrin						
1	5.506	5.506	0.0	29227912	98.6	
2	4.023	4.023	0.0	44450217	101.8	
					RPD = 3.24	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.406	6.406	0.0	26975355	100.8	
2	5.112	5.112	0.0	41834499	101.0	
					RPD = 0.20	
9 gamma-Chlordane						M
1	6.570	6.570	0.0	27120735	102.6	M
2	5.346	5.346	0.0	42231341	99.6	
					RPD = 3.01	
23 alpha-Chlordane						M
1	6.685	6.685	0.0	22142295	103.5	M
2	5.603	5.603	0.0	40951778	101.1	
					RPD = 2.33	
7 Endosulfan I						M
1	6.731	6.731	0.0	25774932	103.7	M
2	5.875	5.875	0.0	39687681	104.0	
					RPD = 0.32	
25 4,4'-DDE						M
1	6.794	6.794	0.0	27274734	104.4	M
2	5.760	5.760	0.0	37133470	101.7	
					RPD = 2.68	
30 Dieldrin						M
1	6.922	6.922	0.0	25800070	101.7	M
2	6.222	6.222	0.0	38762065	103.5	
					RPD = 1.79	
20 Endrin						M
1	7.129	7.129	0.0	21666555	101.1	M
2	6.447	6.447	0.0	31275979	102.9	
					RPD = 1.76	
16 4,4'-DDD						M
1	7.189	7.189	0.0	22225134	102.2	M
2	6.504	6.504	0.0	33233889	105.2	
					RPD = 2.91	
11 Endosulfan II						M
1	7.277	7.277	0.0	24828264	100.6	M
2	6.627	6.627	0.0	34272518	104.3	
					RPD = 3.57	
21 4,4'-DDT						M
1	7.423	7.423	0.0	22892191	111.9	M
2	6.715	6.715	0.0	35382294	107.4	
					RPD = 4.11	
5 Endrin aldehyde						M
1	7.533	7.533	0.0	20017229	101.3	M
2	6.913	6.913	0.0	30811368	104.0	
					RPD = 2.64	
3 Endosulfan sulfate						
1	7.758	7.758	0.0	22903528	101.2	
2	7.195	7.195	0.0	35639051	104.4	
					RPD = 3.11	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	8.002	0.0	12674134	109.8	
2	7.037	7.037	0.0	20419562	109.1	
					RPD = 0.69	
13 Endrin ketone						
1	8.241	8.241	0.0	24301931	107.4	
2	7.392	7.392	0.0	37779546	104.6	
					RPD = 2.60	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.476	0.0	27214782	110.0	
2	8.233	8.233	0.0	39777083	103.2	
					RPD = 6.30	

QC Flag Legend

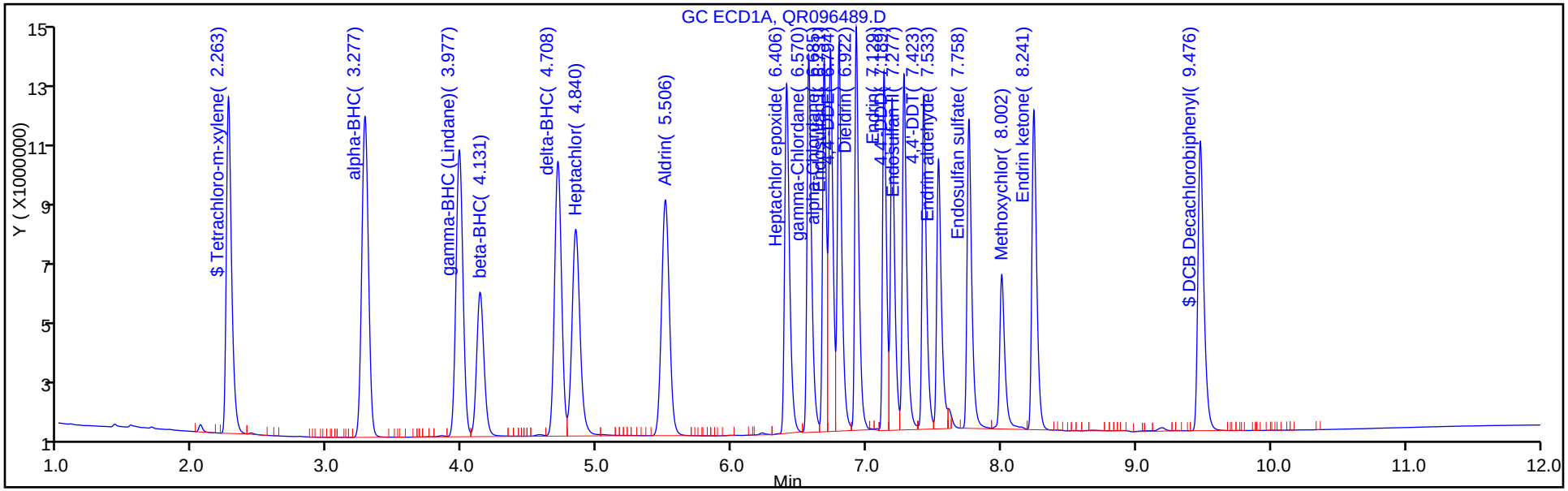
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:23:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

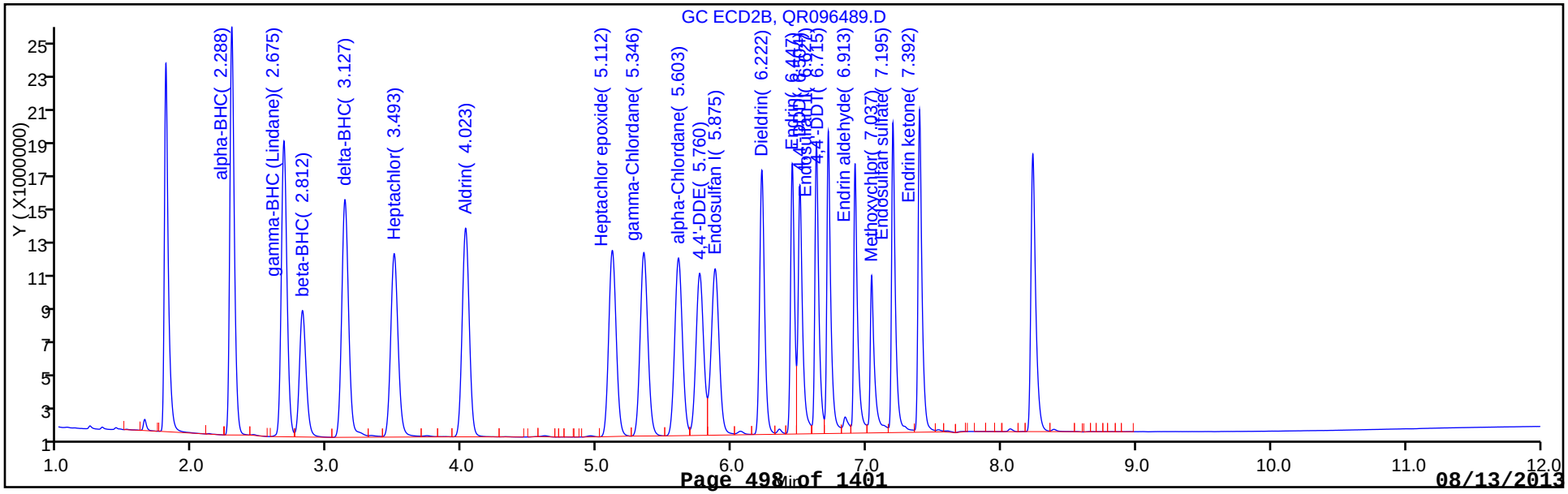
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Report Date: 12-Aug-2013 10:23:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

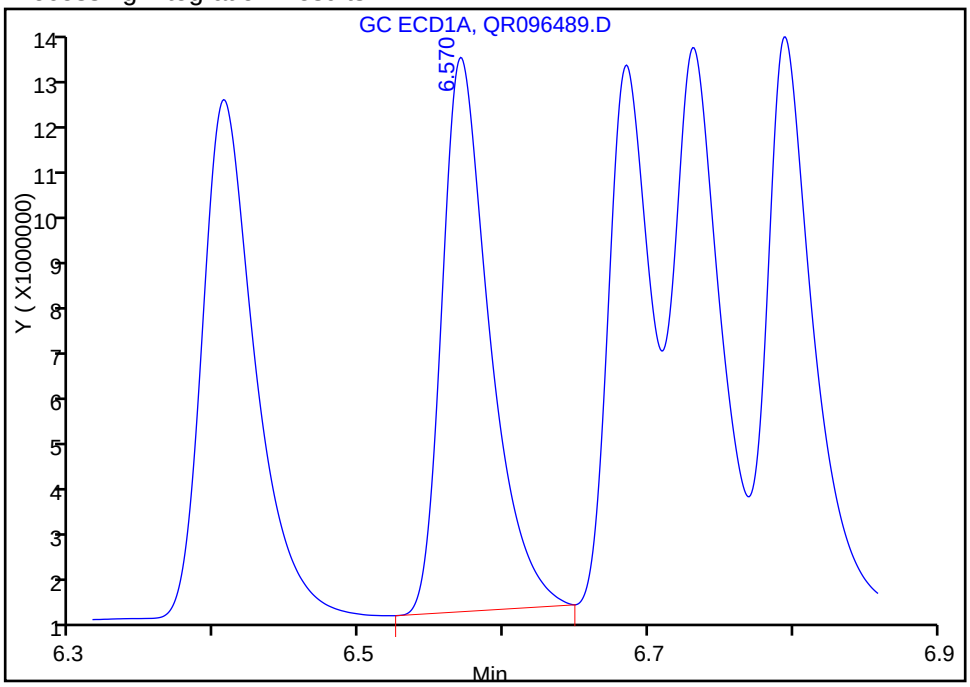
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

9 gamma-Chlordane, Signal: 1, Type: quant, RT: 6.57, Det: GC ECD1A

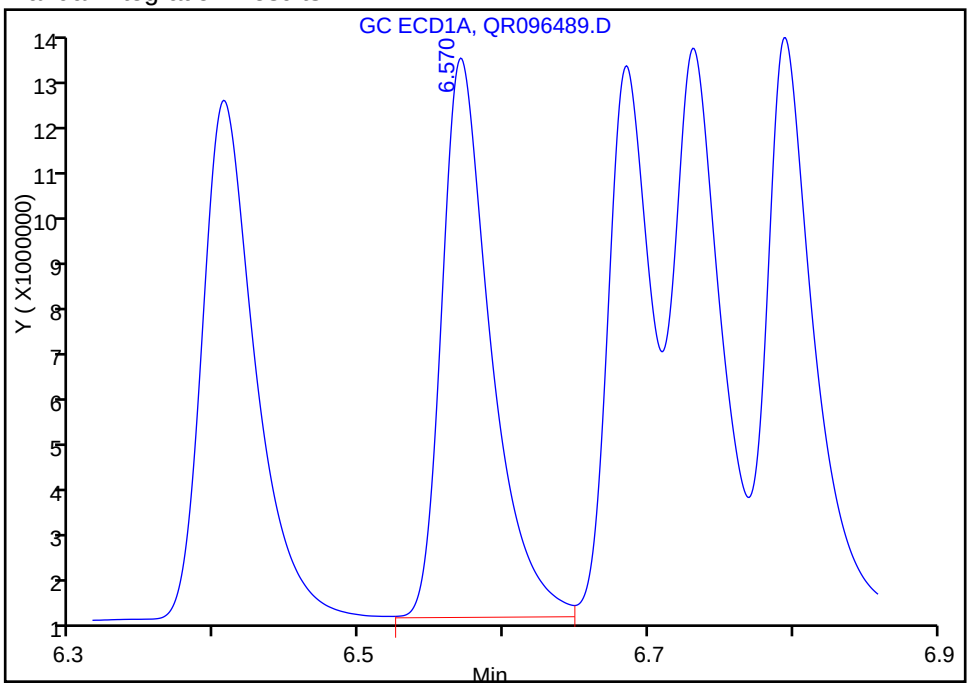
Processing Integration Results

RT: 6.57
Response: 26158772
Amount: 99.002276



Manual Integration Results

RT: 6.57
Response: 27120735
Amount: 102.6430



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

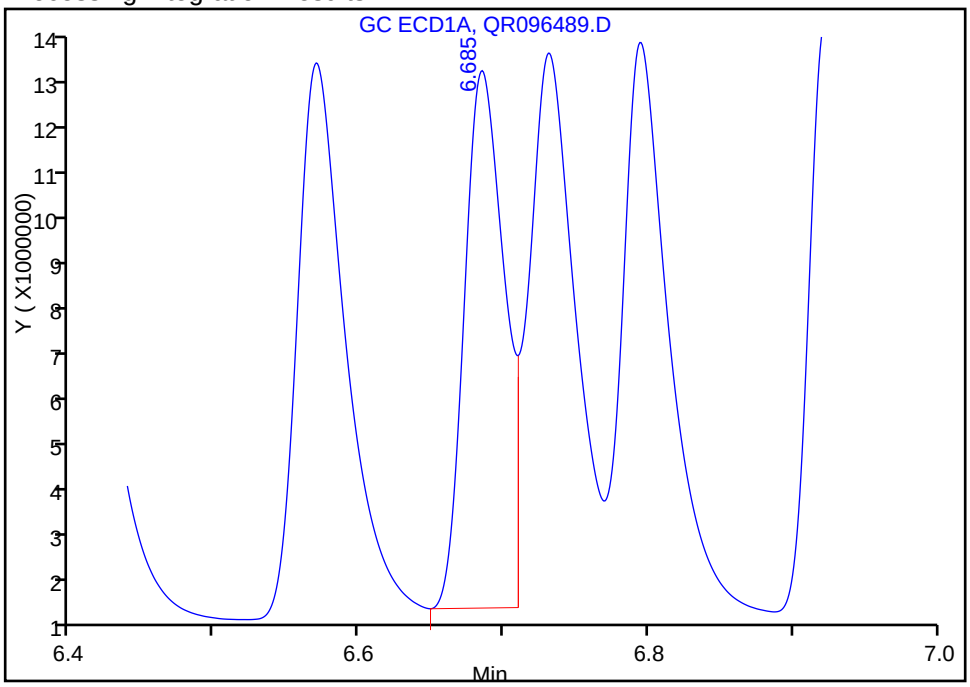
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

23 alpha-Chlordane, Signal: 1, Type: quant, RT: 6.68, Det: GC ECD1A

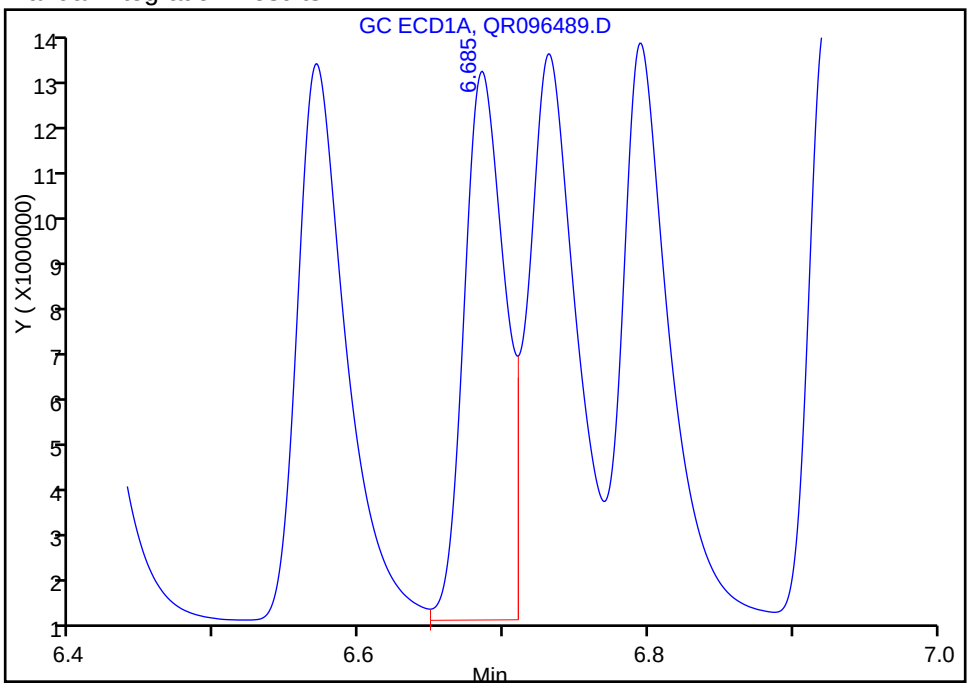
Processing Integration Results

RT: 6.68
Response: 21280853
Amount: 99.455308



Manual Integration Results

RT: 6.68
Response: 22142295
Amount: 103.4812



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 12-Aug-2013 10:23:36 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

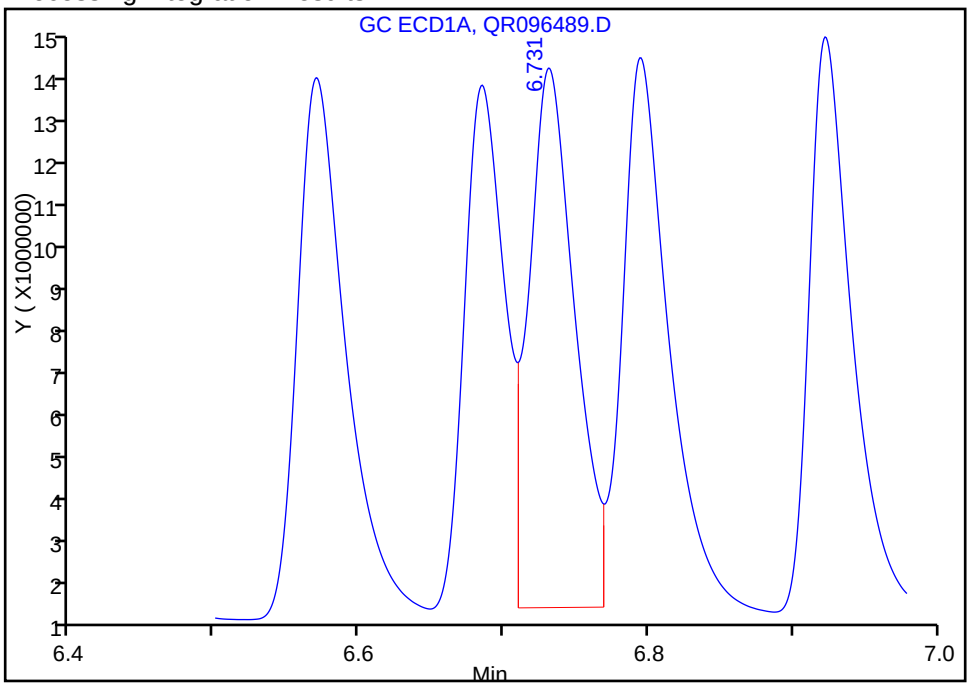
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.73, Det: GC ECD1A

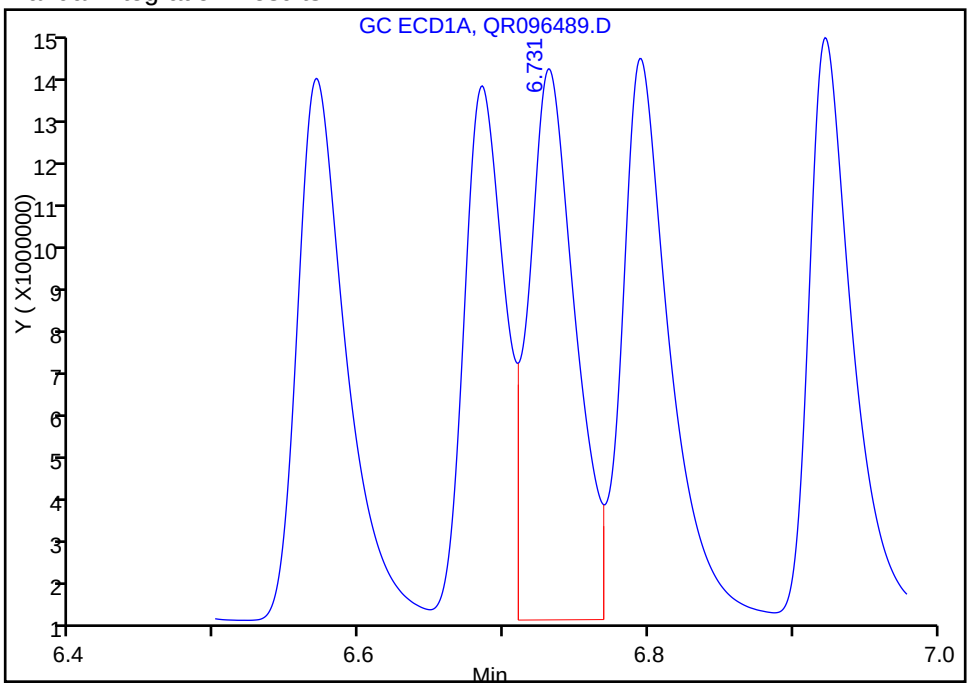
Processing Integration Results

RT: 6.73
Response: 24903843
Amount: 100.2040



Manual Integration Results

RT: 6.73
Response: 25774932
Amount: 103.7089



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

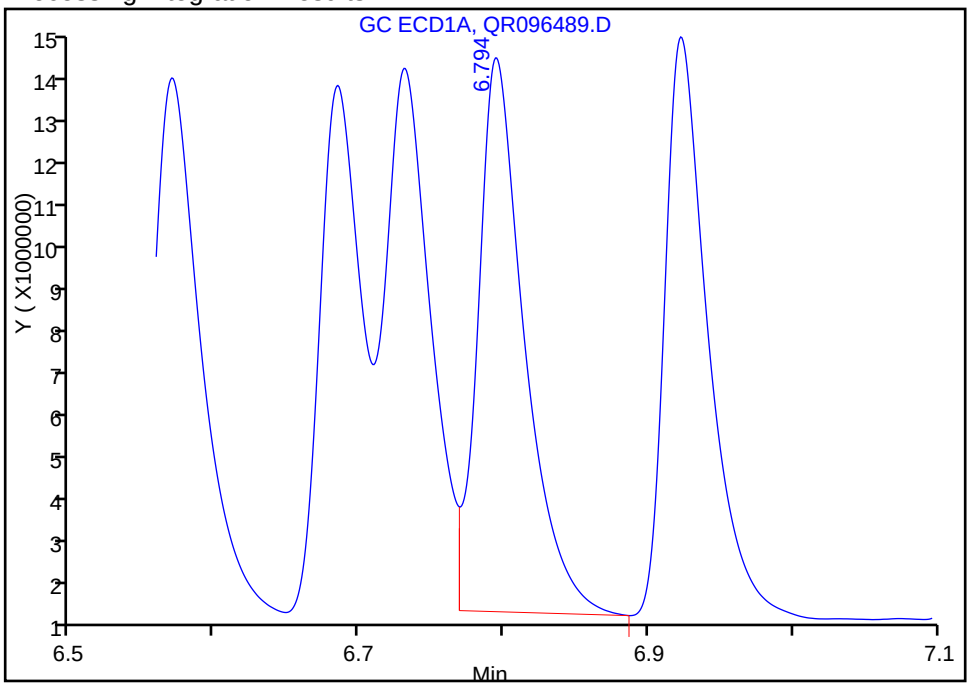
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 1, Type: quant, RT: 6.79, Det: GC ECD1A

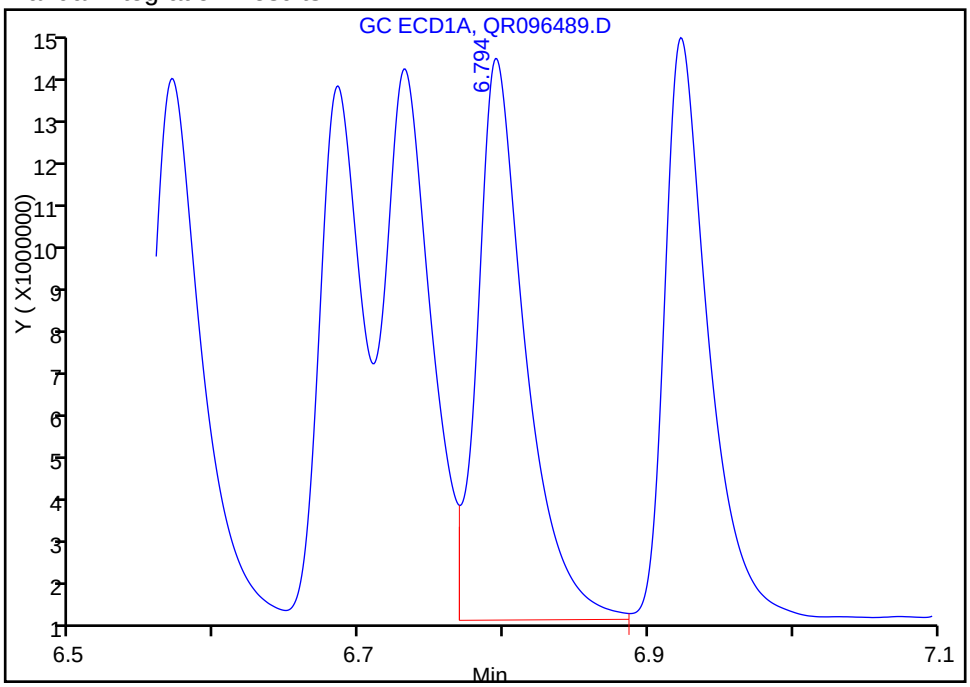
Processing Integration Results

RT: 6.79
Response: 25974651
Amount: 99.437991



Manual Integration Results

RT: 6.79
Response: 27274734
Amount: 104.4151



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

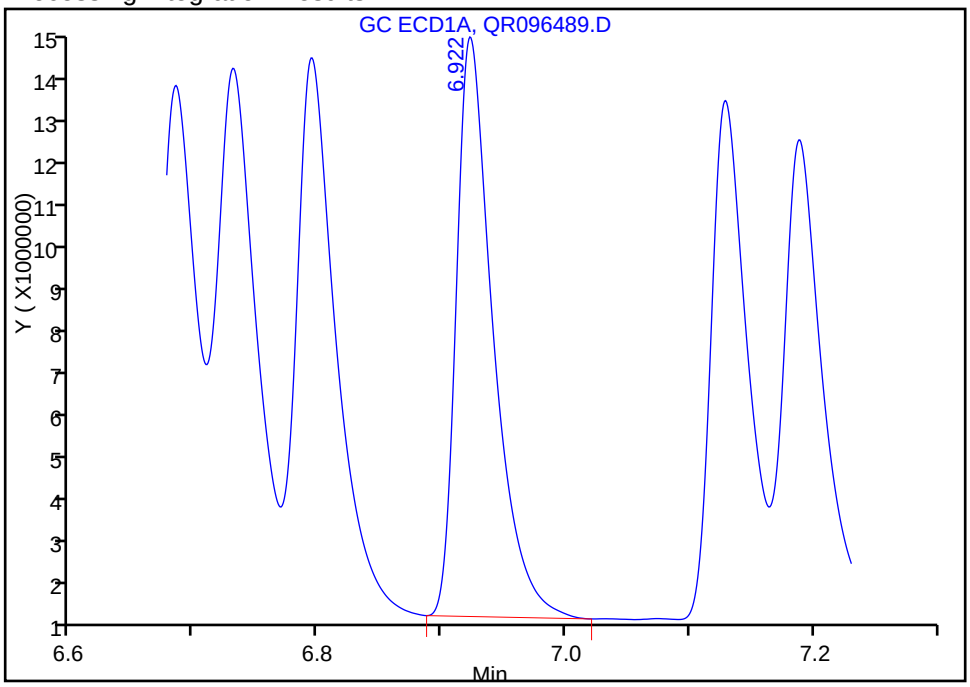
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Dieldrin, Signal: 1, Type: quant, RT: 6.92, Det: GC ECD1A

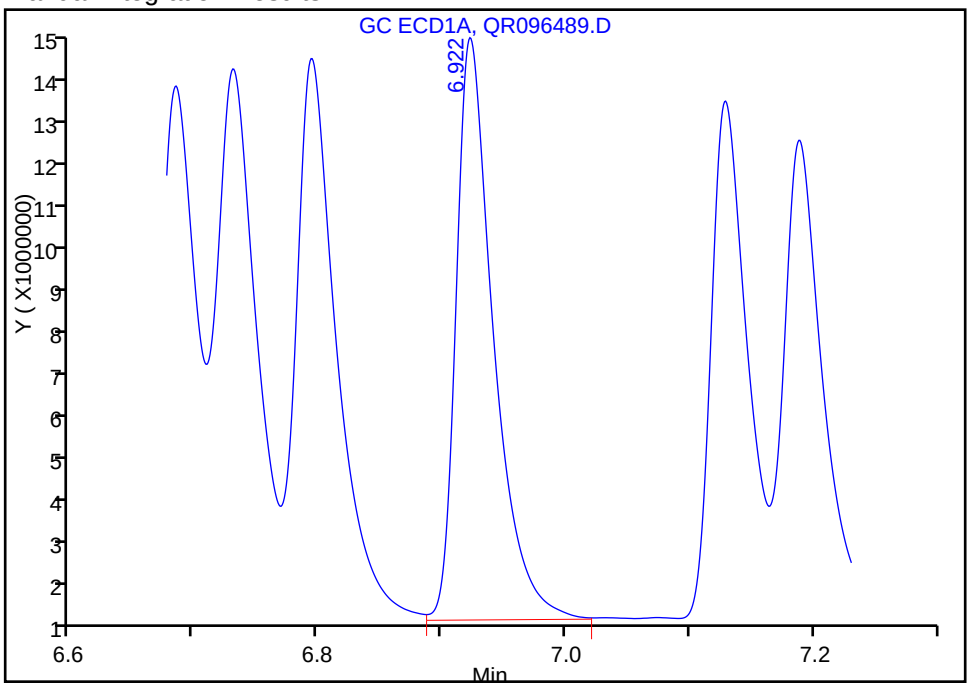
Processing Integration Results

RT: 6.92
Response: 25213050
Amount: 99.372064



Manual Integration Results

RT: 6.92
Response: 25800070
Amount: 101.6857



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

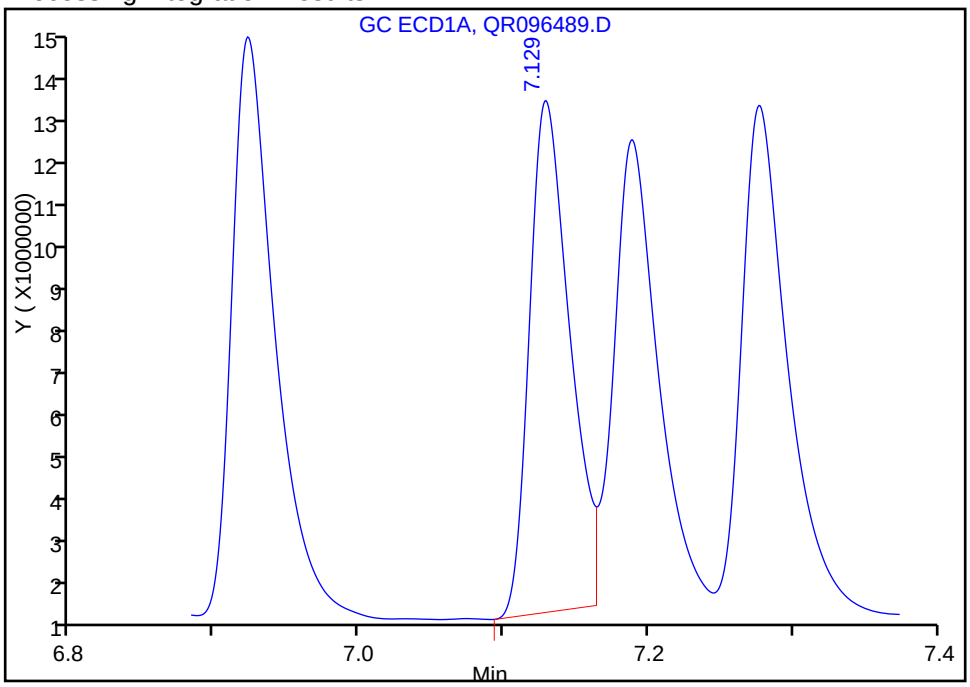
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 1, Type: quant, RT: 7.13, Det: GC ECD1A

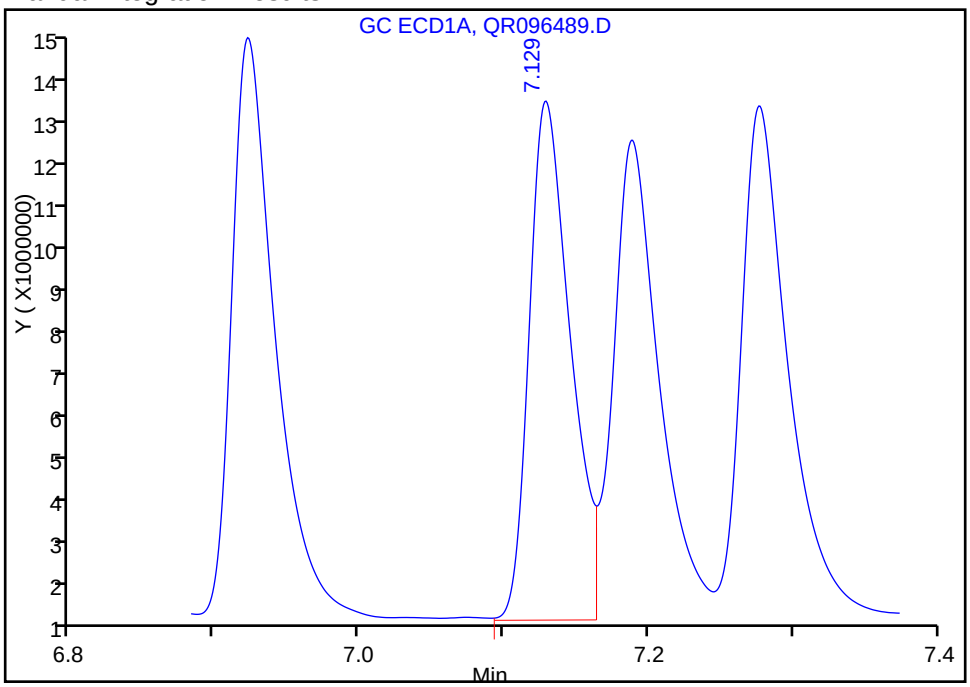
Processing Integration Results

RT: 7.13
Response: 20869474
Amount: 97.356486



Manual Integration Results

RT: 7.13
Response: 21666555
Amount: 101.0749



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

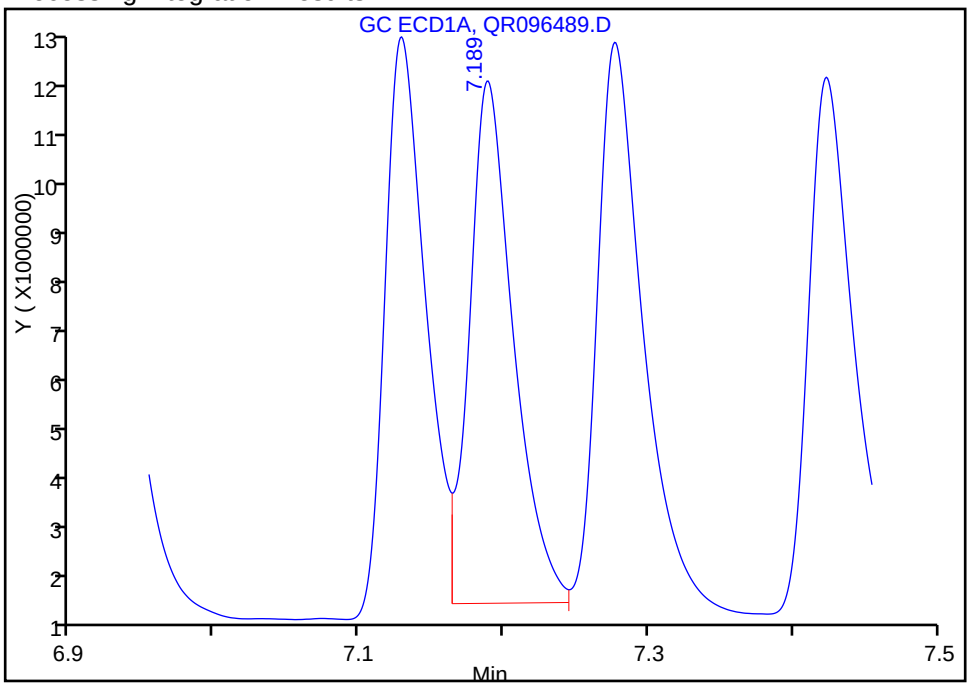
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.19, Det: GC ECD1A

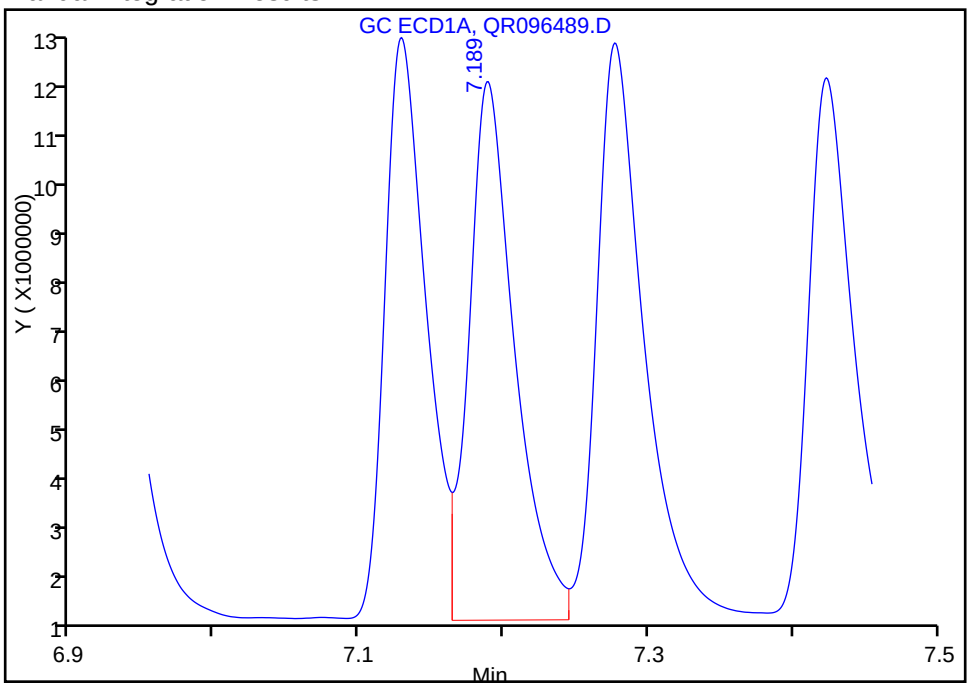
Processing Integration Results

RT: 7.19
Response: 20590888
Amount: 94.714685



Manual Integration Results

RT: 7.19
Response: 22225134
Amount: 102.2319



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

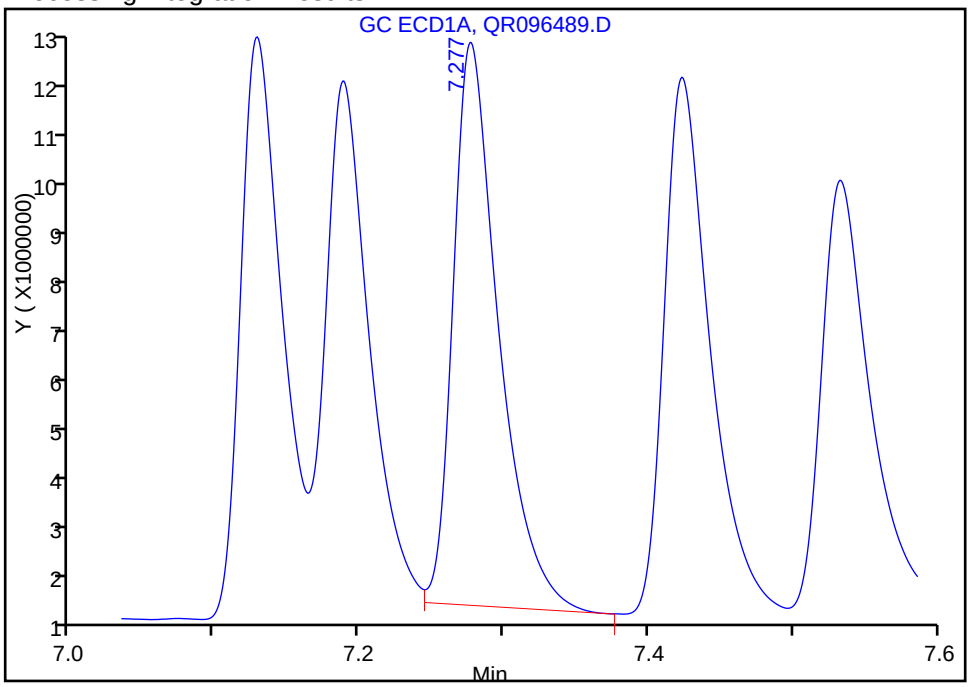
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.28, Det: GC ECD1A

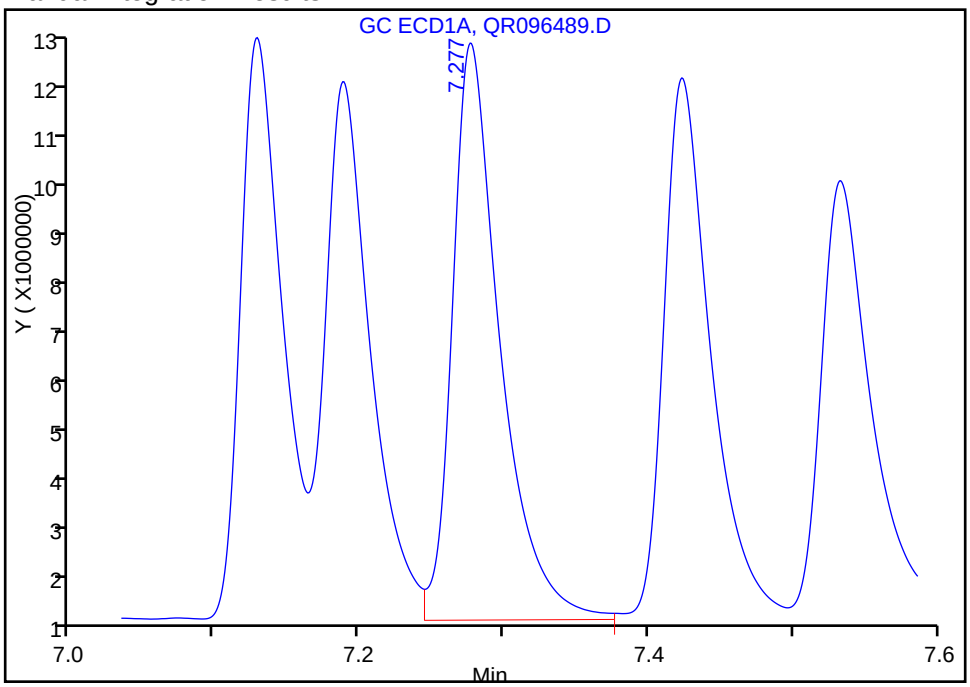
Processing Integration Results

RT: 7.28
Response: 23043689
Amount: 93.381281



Manual Integration Results

RT: 7.28
Response: 24828264
Amount: 100.6130



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 12-Aug-2013 10:23:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

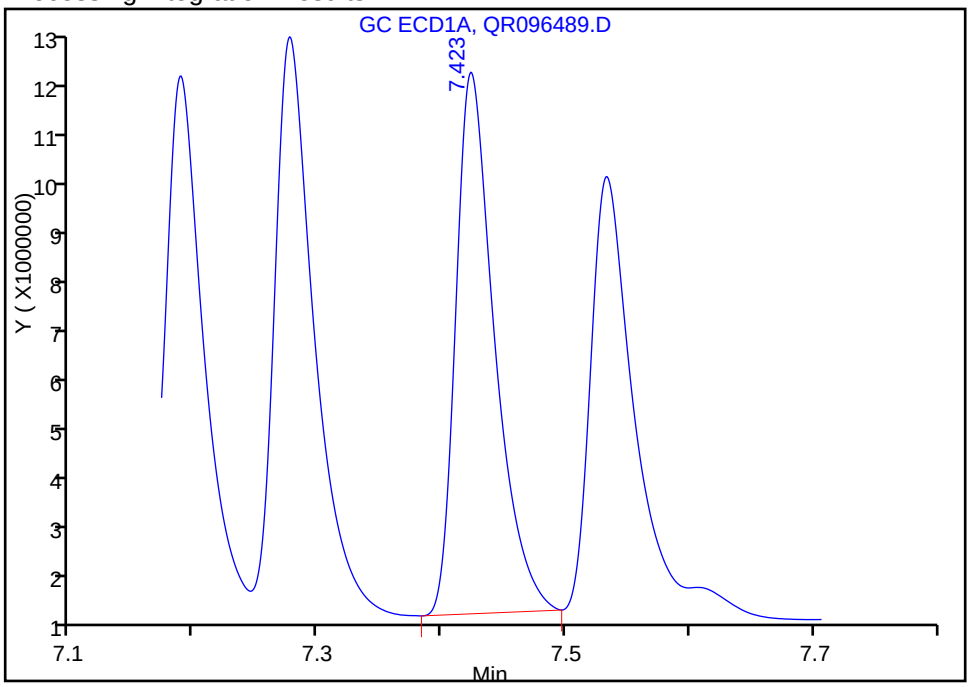
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.42, Det: GC ECD1A

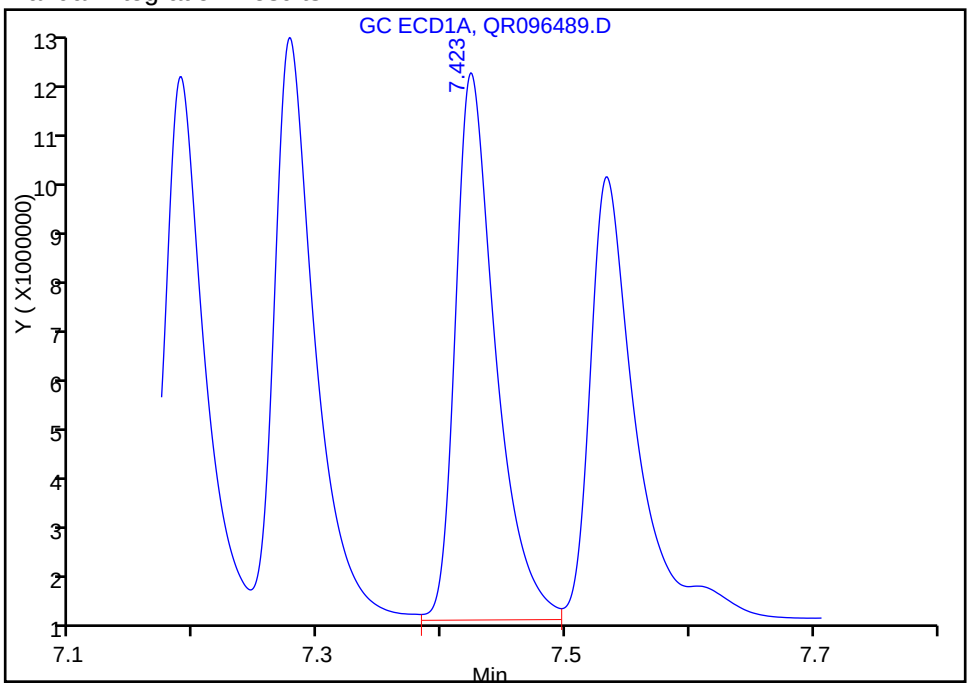
Processing Integration Results

RT: 7.42
Response: 21837783
Amount: 106.7271



Manual Integration Results

RT: 7.42
Response: 22892191
Amount: 111.8803



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

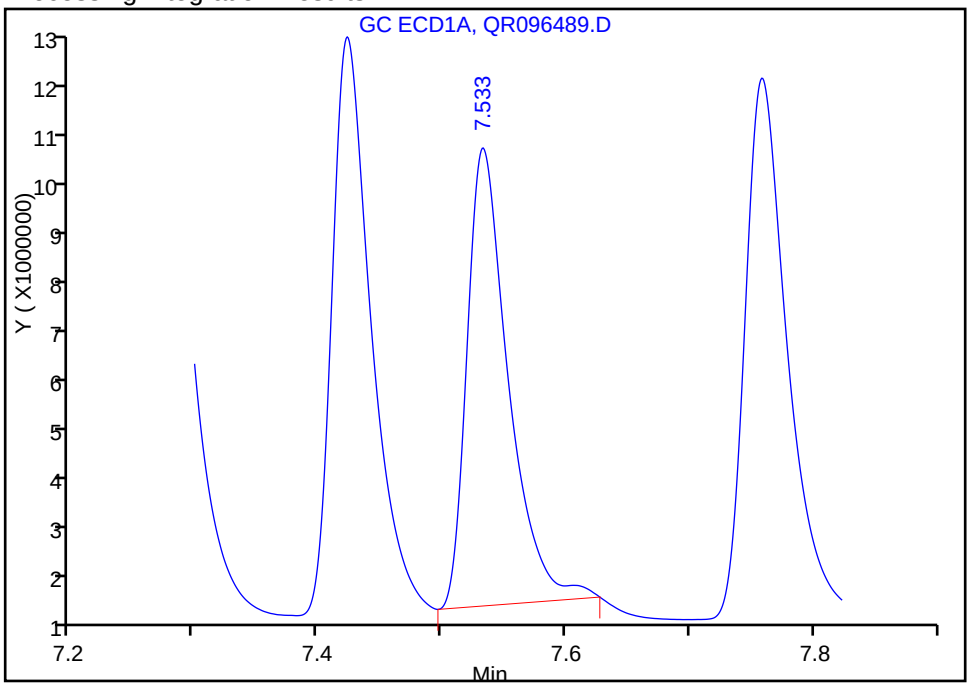
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 7.53, Det: GC ECD1A

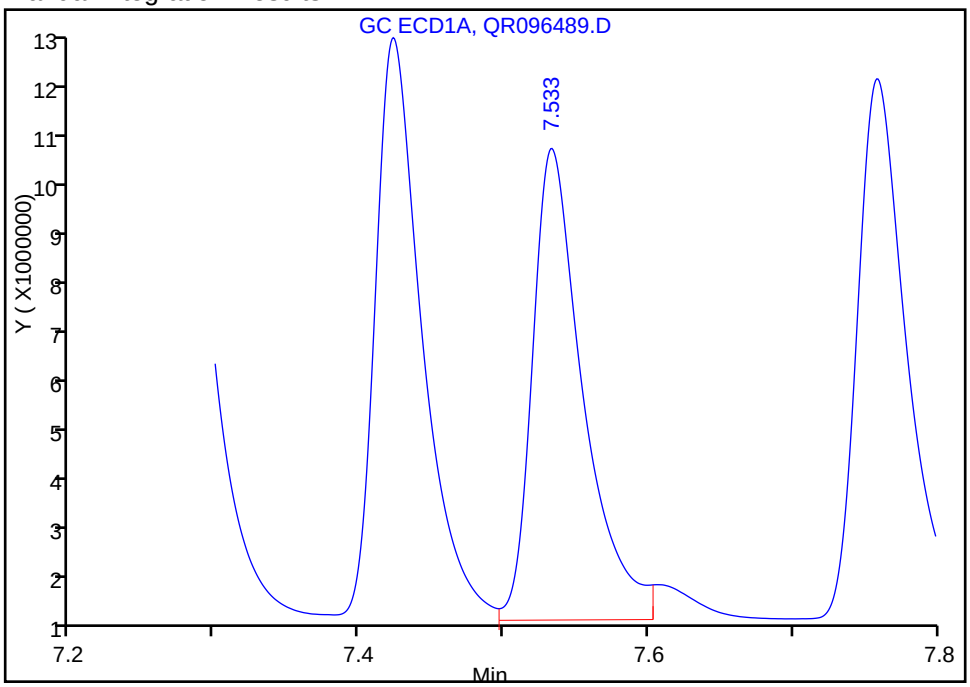
Processing Integration Results

RT: 7.53
Response: 18442141
Amount: 93.293844



Manual Integration Results

RT: 7.53
Response: 20017229
Amount: 101.2618



Reviewer: foleysont, 12-Aug-2013 09:52:14
Audit Action: Split an Integrated Peak
Audit Reason: Baseline

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175563/15 Calibration Date: 08/11/2013 16:05

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096489.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	545281	548880		101	100	0.7	15.0
gamma-BHC (Lindane)	Ave	496486	503716		101	100	1.5	15.0
beta-BHC	Ave	254139	252511		99.4	100	-0.6	15.0
delta-BHC	Ave	481039	494466		103	100	2.8	15.0
Heptachlor	Ave	393051	408882		104	100	4.0	15.0
Aldrin	Ave	436526	444502		102	100	1.8	15.0
Heptachlor epoxide	Ave	414070	418345		101	100	1.0	15.0
gamma-Chlordane	Ave	424031	422313		99.6	100	-0.4	15.0
alpha-Chlordane	Ave	405065	409518		101	100	1.1	15.0
4,4'-DDE	Ave	365292	371335		102	100	1.7	15.0
Endosulfan I	Ave	381475	396877		104	100	4.0	15.0
Dieldrin	Ave	374425	387621		104	100	3.5	15.0
Endrin	Ave	304049	312760		103	100	2.9	15.0
4,4'-DDD	Ave	315770	332339		105	100	5.2	15.0
Endosulfan II	Ave	328689	342725		104	100	4.3	15.0
4,4'-DDT	Ave	329507	353823		107	100	7.4	15.0
Endrin aldehyde	Ave	296341	308114		104	100	4.0	15.0
Methoxychlor	Ave	187199	204196		109	100	9.1	15.0
Endosulfan sulfate	Ave	341231	356391		104	100	4.4	15.0
Endrin ketone	Ave	361093	377795		105	100	4.6	15.0
Tetrachloro-m-xylene	Ave	436252	431067		98.8	100	-1.2	15.0
DCB Decachlorobiphenyl	Ave	385281	397771		103	100	3.2	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: CCV 460-175563/15 Calibration Date: 08/11/2013 16:05

Instrument ID: CPESTGC8 Calib Start Date: 08/11/2013 10:13

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 08/11/2013 11:20

Lab File ID: QR096489.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.29	2.24	2.34
gamma-BHC (Lindane)	2.68	2.63	2.73
beta-BHC	2.81	2.76	2.86
delta-BHC	3.13	3.08	3.18
Heptachlor	3.49	3.44	3.54
Aldrin	4.02	3.97	4.07
Heptachlor epoxide	5.11	5.04	5.18
gamma-Chlordane	5.35	5.28	5.42
alpha-Chlordane	5.60	5.53	5.67
4,4'-DDE	5.76	5.69	5.83
Endosulfan I	5.88	5.81	5.95
Dieldrin	6.22	6.15	6.29
Endrin	6.45	6.38	6.52
4,4'-DDD	6.50	6.43	6.57
Endosulfan II	6.63	6.56	6.70
4,4'-DDT	6.72	6.65	6.79
Endrin aldehyde	6.91	6.84	6.98
Methoxychlor	7.04	6.97	7.11
Endosulfan sulfate	7.20	7.13	7.27
Endrin ketone	7.39	7.32	7.46
Tetrachloro-m-xylene	1.80	1.75	1.85
DCB Decachlorobiphenyl	8.23	8.13	8.33

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	11-Aug-2013 16:05:48	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	460-0003431-015		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	26
Lims Batch ID:	175563	Lims Sample ID:	15
Sublist:	chrom-GC8_8081_LVI*sub1		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:23:36	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:52:14

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.263	0.0	27940953	100.8	
2	1.799	1.799	0.0	43106718	98.8	
					RPD = 1.95	
15 alpha-BHC						
1	3.277	3.277	0.0	33930713	101.2	
2	2.288	2.288	0.0	54887960	100.7	
					RPD = 0.50	
2 gamma-BHC (Lindane)						
1	3.977	3.977	0.0	31756453	101.0	
2	2.675	2.675	0.0	50371594	101.5	
					RPD = 0.43	
6 beta-BHC						
1	4.131	4.131	0.0	16896256	98.4	
2	2.812	2.812	0.0	25251061	99.4	
					RPD = 1.00	
32 delta-BHC						
1	4.708	4.708	0.0	30503607	99.8	
2	3.127	3.127	0.0	49446631	102.8	
					RPD = 2.94	
18 Heptachlor						
1	4.840	4.840	0.0	26381915	104.3	
2	3.493	3.493	0.0	40888200	104.0	
					RPD = 0.22	
8 Aldrin						
1	5.506	5.506	0.0	29227912	98.6	
2	4.023	4.023	0.0	44450217	101.8	
					RPD = 3.24	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.406	6.406	0.0	26975355	100.8	
2	5.112	5.112	0.0	41834499	101.0	
					RPD = 0.20	
9 gamma-Chlordane						M
1	6.570	6.570	0.0	27120735	102.6	M
2	5.346	5.346	0.0	42231341	99.6	
					RPD = 3.01	
23 alpha-Chlordane						M
1	6.685	6.685	0.0	22142295	103.5	M
2	5.603	5.603	0.0	40951778	101.1	
					RPD = 2.33	
7 Endosulfan I						M
1	6.731	6.731	0.0	25774932	103.7	M
2	5.875	5.875	0.0	39687681	104.0	
					RPD = 0.32	
25 4,4'-DDE						M
1	6.794	6.794	0.0	27274734	104.4	M
2	5.760	5.760	0.0	37133470	101.7	
					RPD = 2.68	
30 Dieldrin						M
1	6.922	6.922	0.0	25800070	101.7	M
2	6.222	6.222	0.0	38762065	103.5	
					RPD = 1.79	
20 Endrin						M
1	7.129	7.129	0.0	21666555	101.1	M
2	6.447	6.447	0.0	31275979	102.9	
					RPD = 1.76	
16 4,4'-DDD						M
1	7.189	7.189	0.0	22225134	102.2	M
2	6.504	6.504	0.0	33233889	105.2	
					RPD = 2.91	
11 Endosulfan II						M
1	7.277	7.277	0.0	24828264	100.6	M
2	6.627	6.627	0.0	34272518	104.3	
					RPD = 3.57	
21 4,4'-DDT						M
1	7.423	7.423	0.0	22892191	111.9	M
2	6.715	6.715	0.0	35382294	107.4	
					RPD = 4.11	
5 Endrin aldehyde						M
1	7.533	7.533	0.0	20017229	101.3	M
2	6.913	6.913	0.0	30811368	104.0	
					RPD = 2.64	
3 Endosulfan sulfate						
1	7.758	7.758	0.0	22903528	101.2	
2	7.195	7.195	0.0	35639051	104.4	
					RPD = 3.11	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.002	8.002	0.0	12674134	109.8	
2	7.037	7.037	0.0	20419562	109.1	
					RPD = 0.69	
13 Endrin ketone						
1	8.241	8.241	0.0	24301931	107.4	
2	7.392	7.392	0.0	37779546	104.6	
					RPD = 2.60	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.476	0.0	27214782	110.0	
2	8.233	8.233	0.0	39777083	103.2	
					RPD = 6.30	

QC Flag Legend

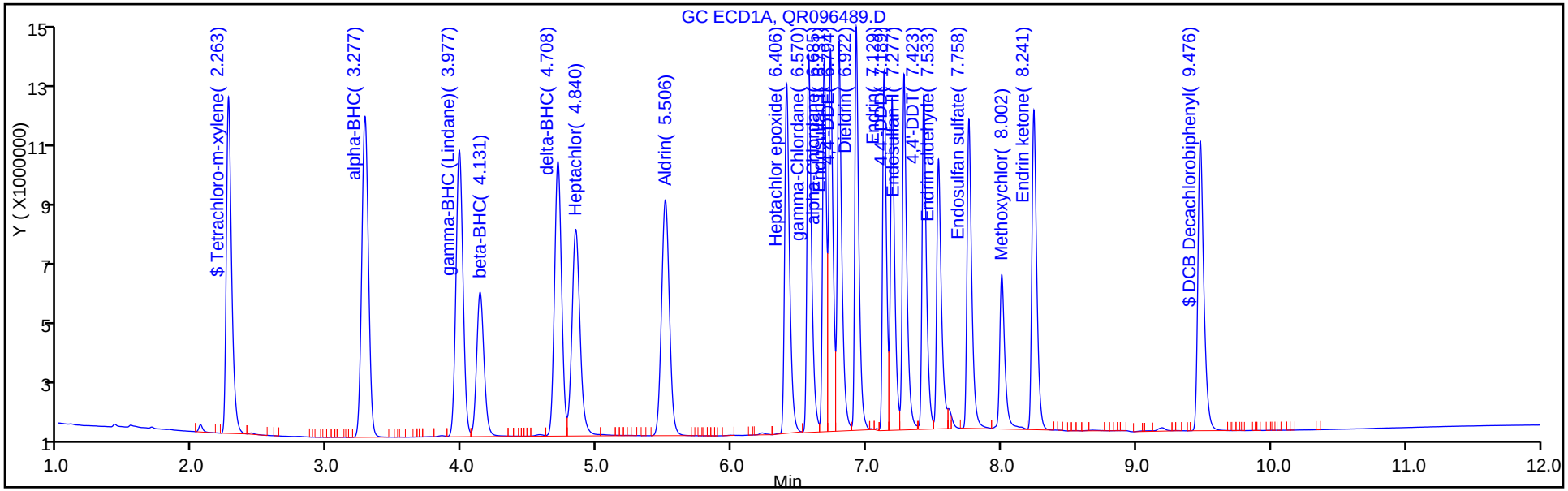
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:23:37 Chrom Revision: 2.1 25-Jul-2013 20:19:50

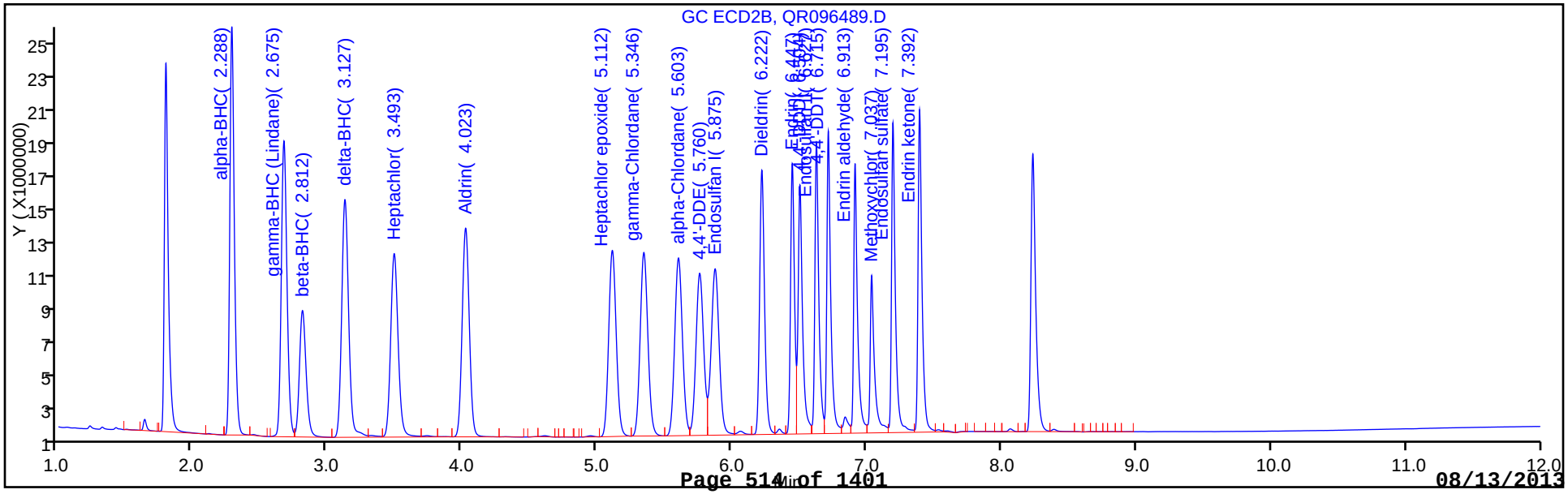
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096489.D		
Injection Date:	11-Aug-2013 16:05:48	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	15
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-174769/1-A
Matrix: Solid
Lab File ID: WR715519.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/07/2013 03:55
Sample wt/vol: 15.00(g)
Date Analyzed: 08/07/2013 17:21
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 174875
Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	129		37-150
2051-24-3	DCB Decachlorobiphenyl	129		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715519.D		
Lims ID:	MB 460-174769/1-A	Client ID:	
Inject. Date:	07-Aug-2013 17:21:57	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003255-034		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	174875	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:27:29

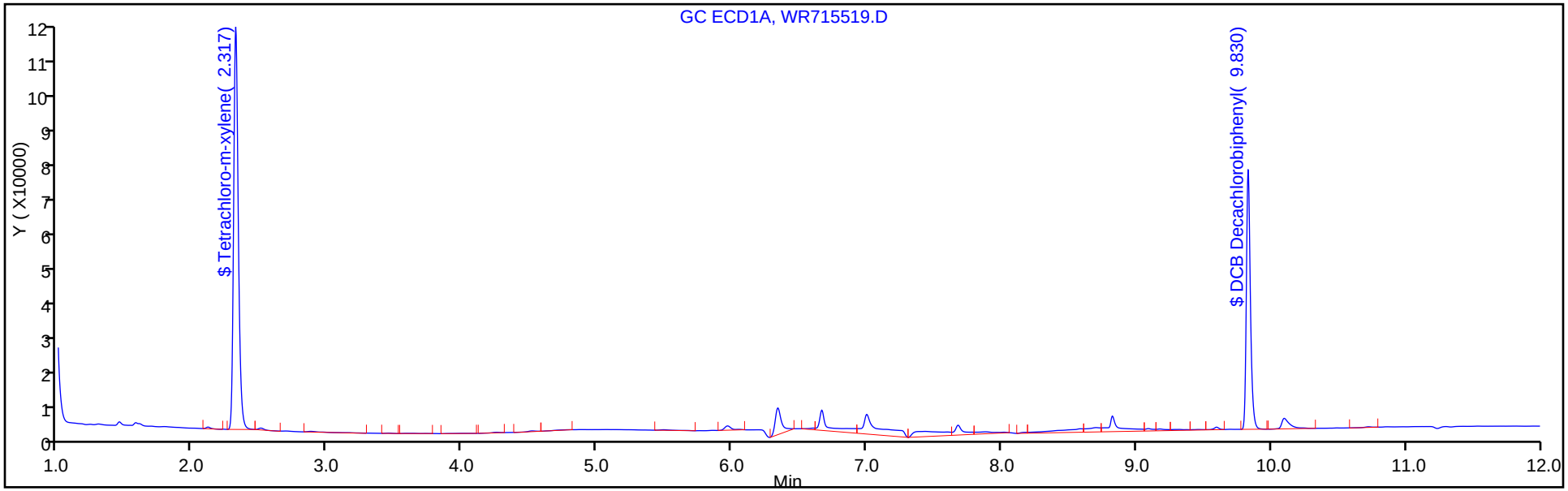
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	255318	64.6	
2	1.810	1.817	-0.007	241408	64.1	
					RPD = 0.81	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	142503	64.3	
2	8.780	8.783	-0.003	192652	73.2	
					RPD = 12.87	

Report Date: 08-Aug-2013 13:55:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

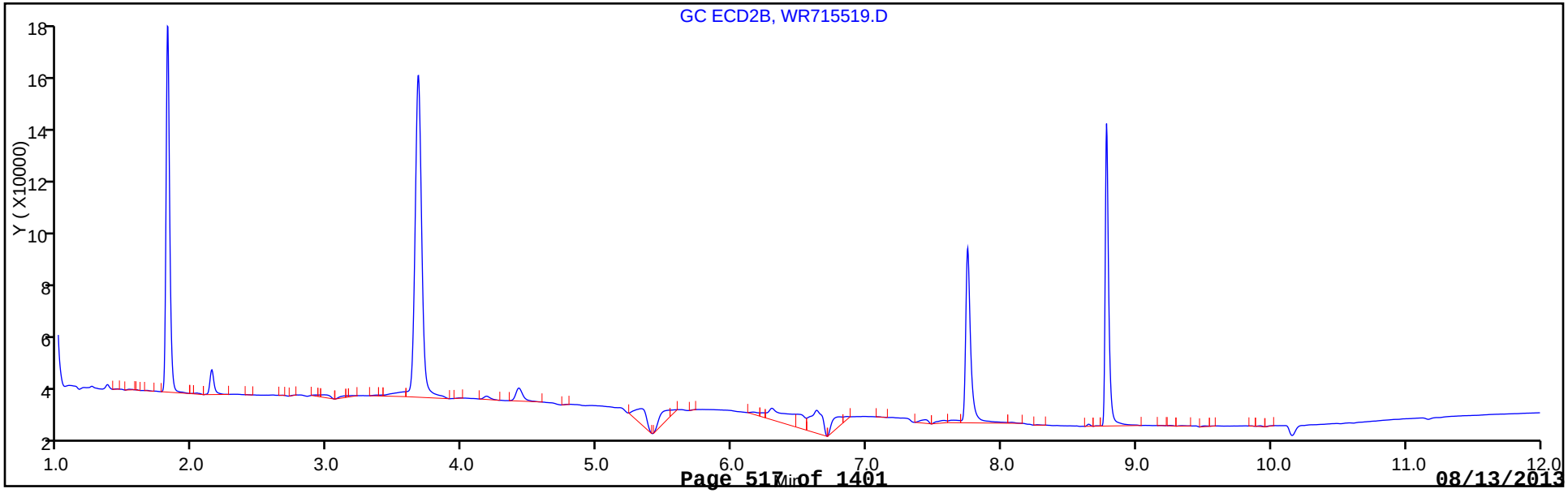
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715519.D		
Injection Date:	07-Aug-2013 17:21:57	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-174769/1-A
Matrix: Solid
Lab File ID: WR715519.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/07/2013 03:55
Sample wt/vol: 15.00(g)
Date Analyzed: 08/07/2013 17:21
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 174875
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	6.7	U	6.7	1.4
319-84-6	alpha-BHC	6.7	U	6.7	1.5
319-85-7	beta-BHC	6.7	U	6.7	1.6
319-86-8	delta-BHC	6.7	U	6.7	1.2
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	1.2
57-74-9	Chlordane	67	U	67	19
72-54-8	4,4'-DDD	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
50-29-3	4,4'-DDT	6.7	U	6.7	1.6
60-57-1	Dieldrin	6.7	U	6.7	1.2
959-98-8	Endosulfan I	6.7	U	6.7	1.5
33213-65-9	Endosulfan II	6.7	U	6.7	1.3
1031-07-8	Endosulfan sulfate	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	1.6
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.0
53494-70-5	Endrin ketone	6.7	U	6.7	1.3
76-44-8	Heptachlor	6.7	U	6.7	1.6
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.5
72-43-5	Methoxychlor	6.7	U	6.7	1.6
8001-35-2	Toxaphene	67	U	67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	128		37-150
2051-24-3	DCB Decachlorobiphenyl	146		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715519.D		
Lims ID:	MB 460-174769/1-A	Client ID:	
Inject. Date:	07-Aug-2013 17:21:57	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003255-034		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	34
Lims Batch ID:	174875	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 08:27:29

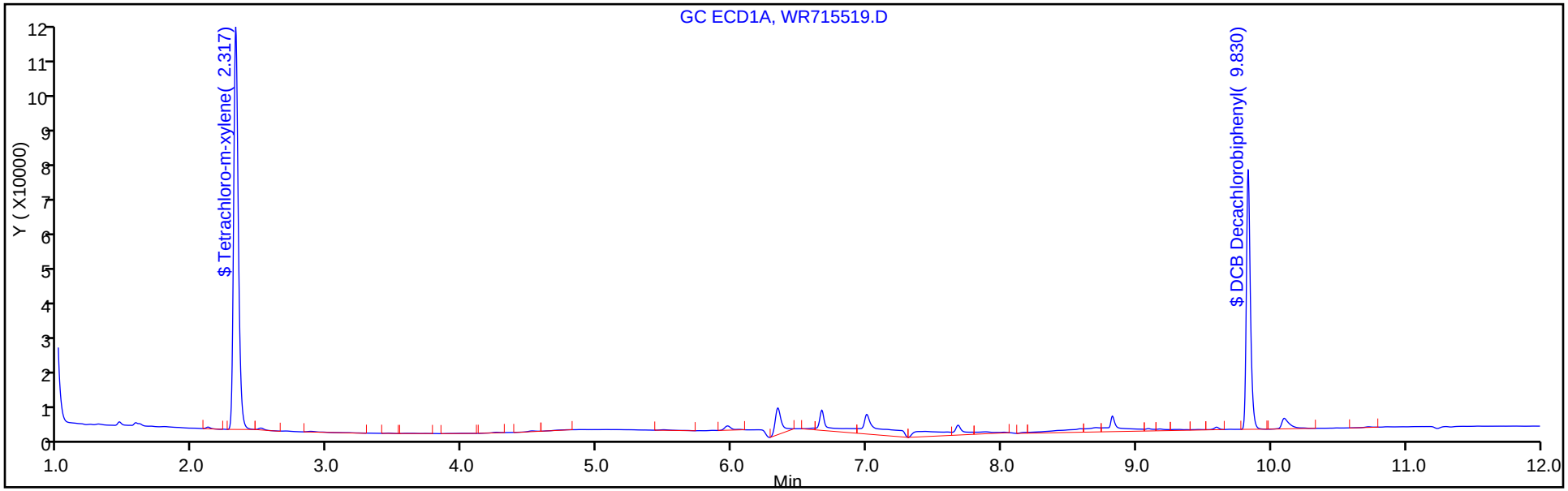
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.317	2.330	-0.013	255318	64.6	
2	1.810	1.817	-0.007	241408	64.1	
					RPD = 0.81	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.837	-0.007	142503	64.3	
2	8.780	8.783	-0.003	192652	73.2	
					RPD = 12.87	

Report Date: 08-Aug-2013 13:55:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

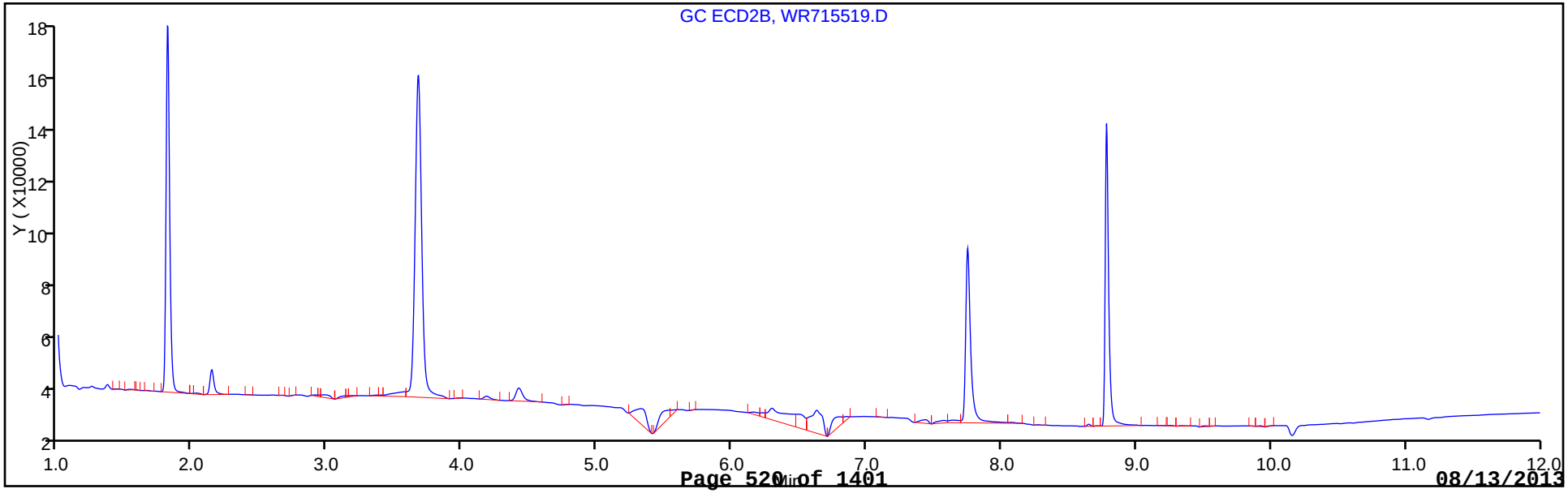
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715519.D		
Injection Date:	07-Aug-2013 17:21:57	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	34
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-175233/1-A
Matrix: Solid
Lab File ID: WR715610.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/09/2013 03:59
Sample wt/vol: 15.00(g)
Date Analyzed: 08/09/2013 10:21
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175266
Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		37-150
2051-24-3	DCB Decachlorobiphenyl	117		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715610.D		
Lims ID:	MB 460-175233/1-A	Client ID:	
Inject. Date:	09-Aug-2013 10:21:01	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003369-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175266	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:11	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

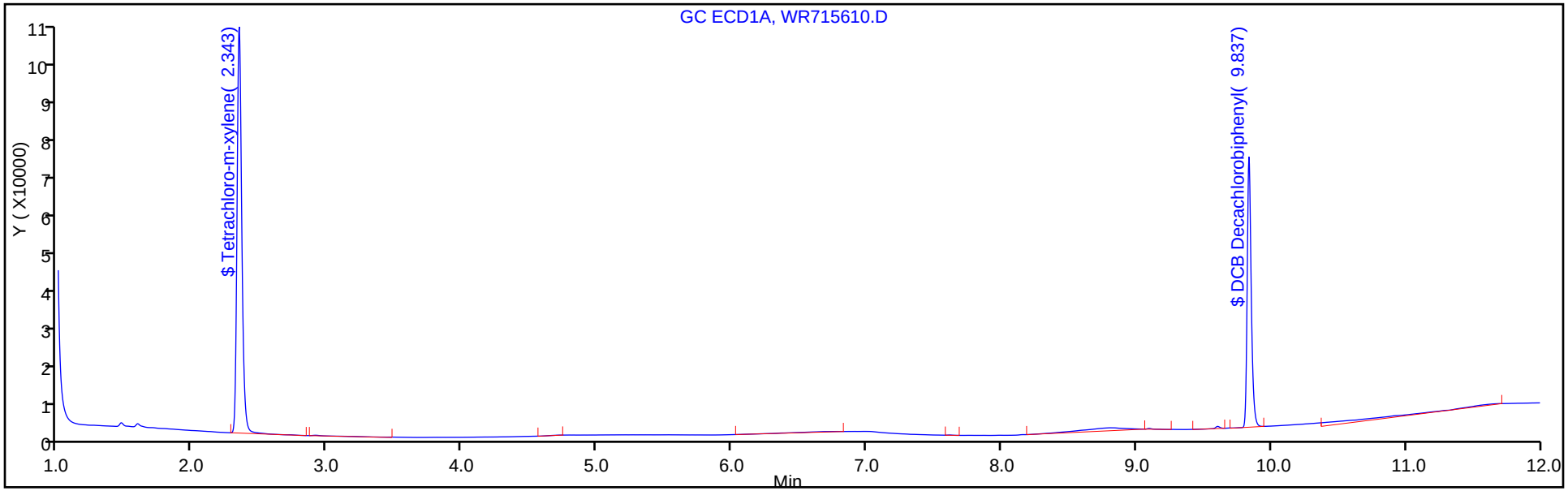
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.343	2.323	0.020	247963	59.1	
2	1.817	1.833	-0.016	238104	56.0	
					RPD = 5.26	
$ 24 DCB Decachlorobiphenyl						
1	9.837	9.823	0.014	139740	58.3	
2	8.780	8.777	0.003	175207	56.1	
					RPD = 3.70	

Report Date: 09-Aug-2013 11:10:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

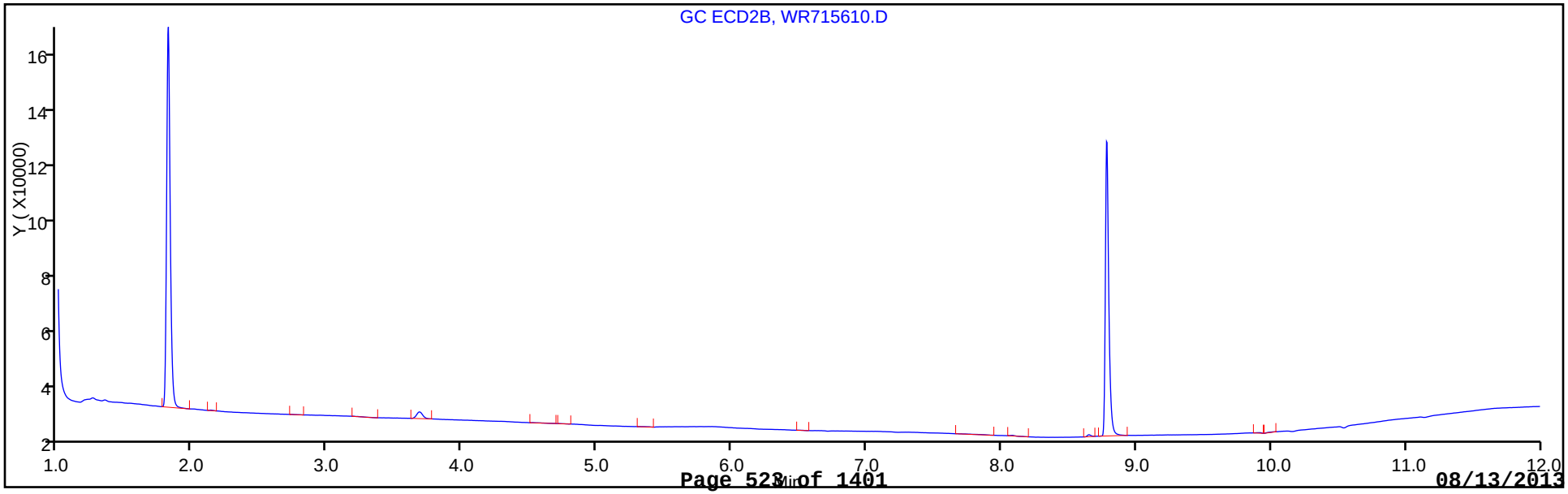
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715610.D		
Injection Date:	09-Aug-2013 10:21:01	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-175233/1-A
Matrix: Solid
Lab File ID: WR715610.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/09/2013 03:59
Sample wt/vol: 15.00(g)
Date Analyzed: 08/09/2013 10:21
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175266
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	6.7	U	6.7	1.4
319-84-6	alpha-BHC	6.7	U	6.7	1.5
319-85-7	beta-BHC	6.7	U	6.7	1.6
319-86-8	delta-BHC	6.7	U	6.7	1.2
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	1.2
57-74-9	Chlordane	67	U	67	19
72-54-8	4,4'-DDD	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
50-29-3	4,4'-DDT	6.7	U	6.7	1.6
60-57-1	Dieldrin	6.7	U	6.7	1.2
959-98-8	Endosulfan I	6.7	U	6.7	1.5
33213-65-9	Endosulfan II	6.7	U	6.7	1.3
1031-07-8	Endosulfan sulfate	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	1.6
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.0
53494-70-5	Endrin ketone	6.7	U	6.7	1.3
76-44-8	Heptachlor	6.7	U	6.7	1.6
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.5
72-43-5	Methoxychlor	6.7	U	6.7	1.6
8001-35-2	Toxaphene	67	U	67	18

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	112		37-150
2051-24-3	DCB Decachlorobiphenyl	112		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715610.D		
Lims ID:	MB 460-175233/1-A	Client ID:	
Inject. Date:	09-Aug-2013 10:21:01	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003369-006		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	175266	Lims Sample ID:	6
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 11:10:11	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

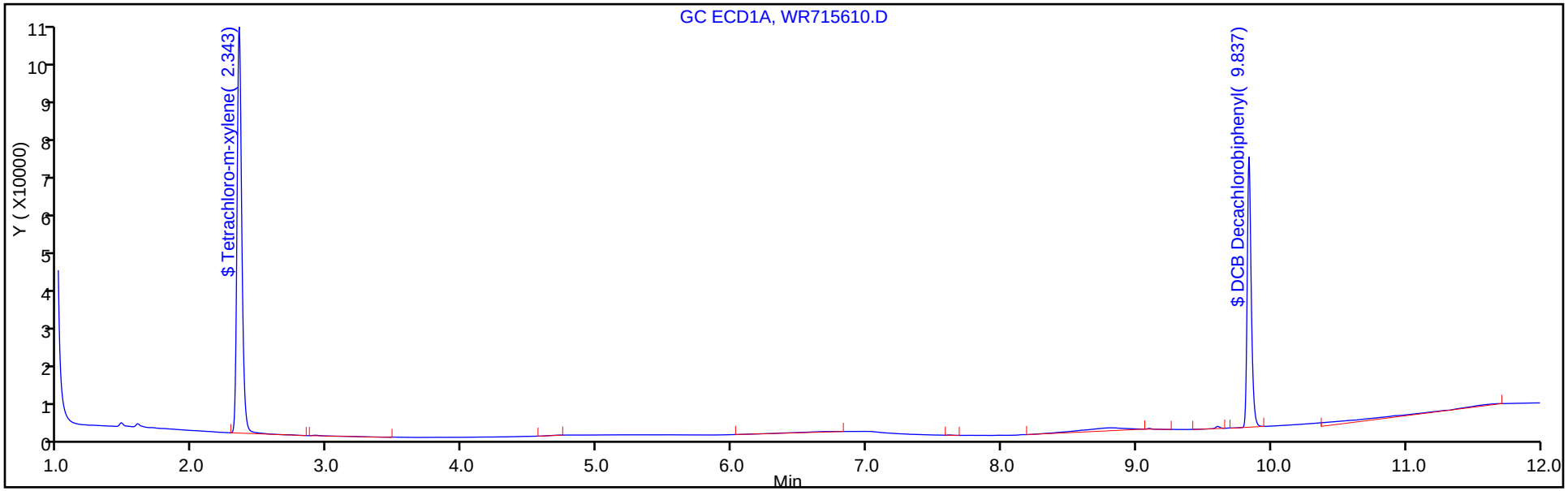
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.343	2.323	0.020	247963	59.1	
2	1.817	1.833	-0.016	238104	56.0	
					RPD = 5.26	
$ 24 DCB Decachlorobiphenyl						
1	9.837	9.823	0.014	139740	58.3	
2	8.780	8.777	0.003	175207	56.1	
					RPD = 3.70	

Report Date: 09-Aug-2013 11:10:12 Chrom Revision: 2.1 25-Jul-2013 20:19:50

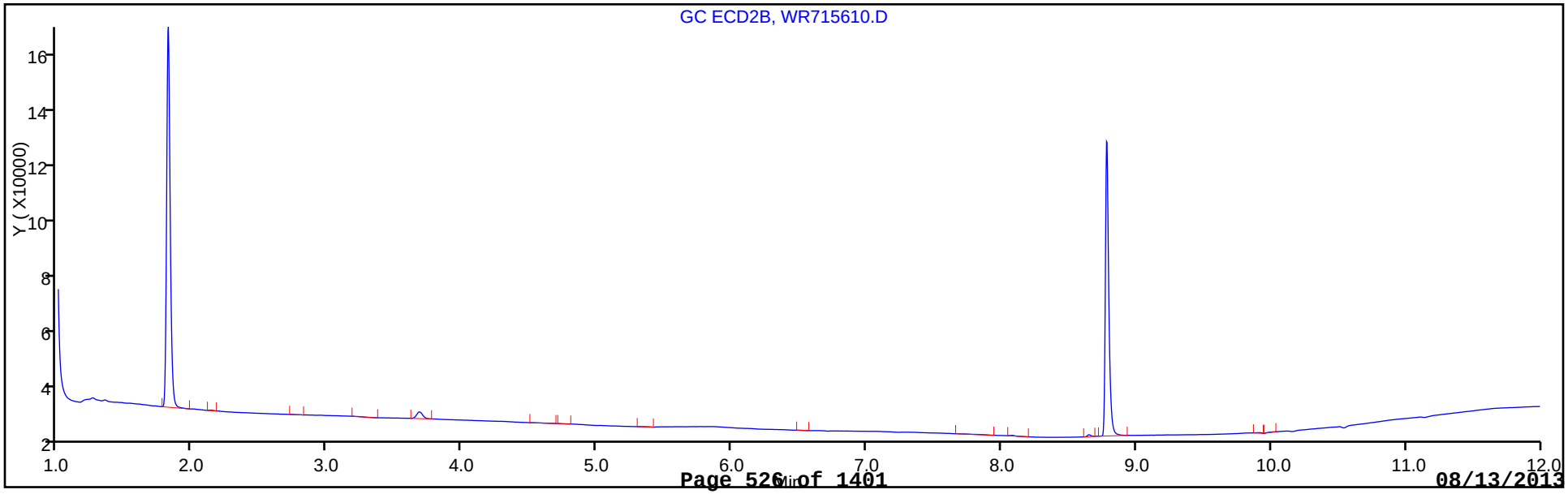
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715610.D		
Injection Date:	09-Aug-2013 10:21:01	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	6
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-175267/1-A
Matrix: Water
Lab File ID: QR096483.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/09/2013 07:43
Sample wt/vol: 125(mL)
Date Analyzed: 08/11/2013 14:31
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175563
Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	103		49-132
2051-24-3	DCB Decachlorobiphenyl	75		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096483.D		
Lims ID:	MB 460-175267/1-A	Client ID:	
Inject. Date:	11-Aug-2013 14:31:14	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003431-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	175563	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:41:01

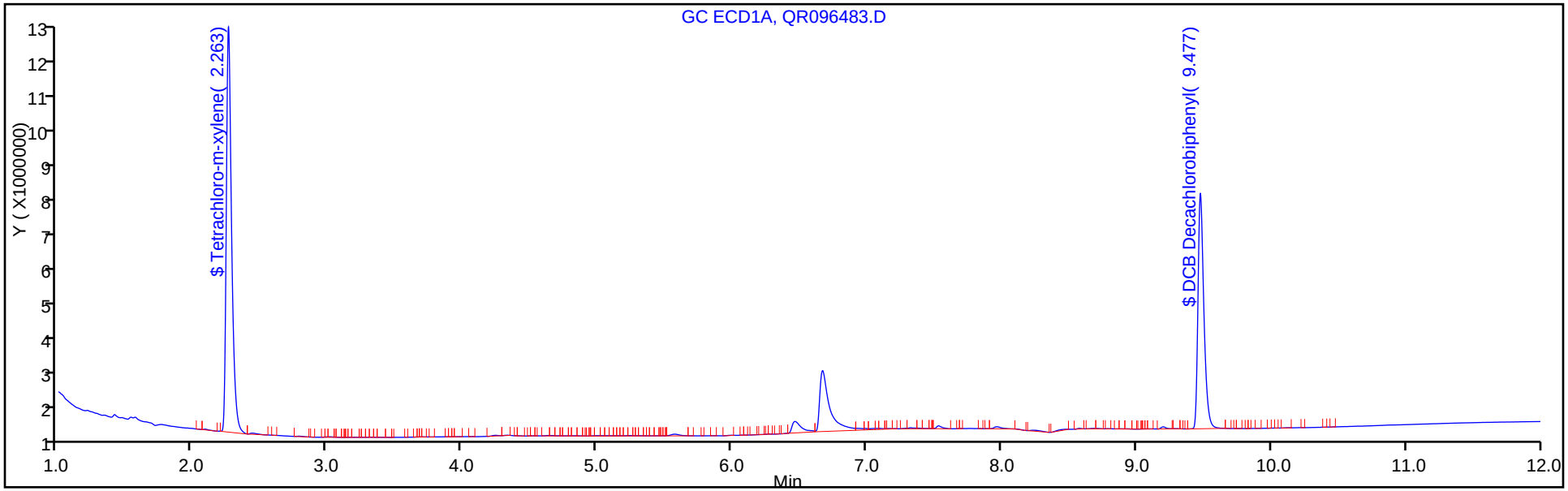
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.261	0.002	28610784	103.2	
2	1.798	1.798	0.0	41876740	96.0	
					RPD = 7.21	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.478	-0.001	18495965	74.7	
2	8.234	8.234	0.0	28246690	73.3	
					RPD = 1.92	

Report Date: 12-Aug-2013 10:22:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

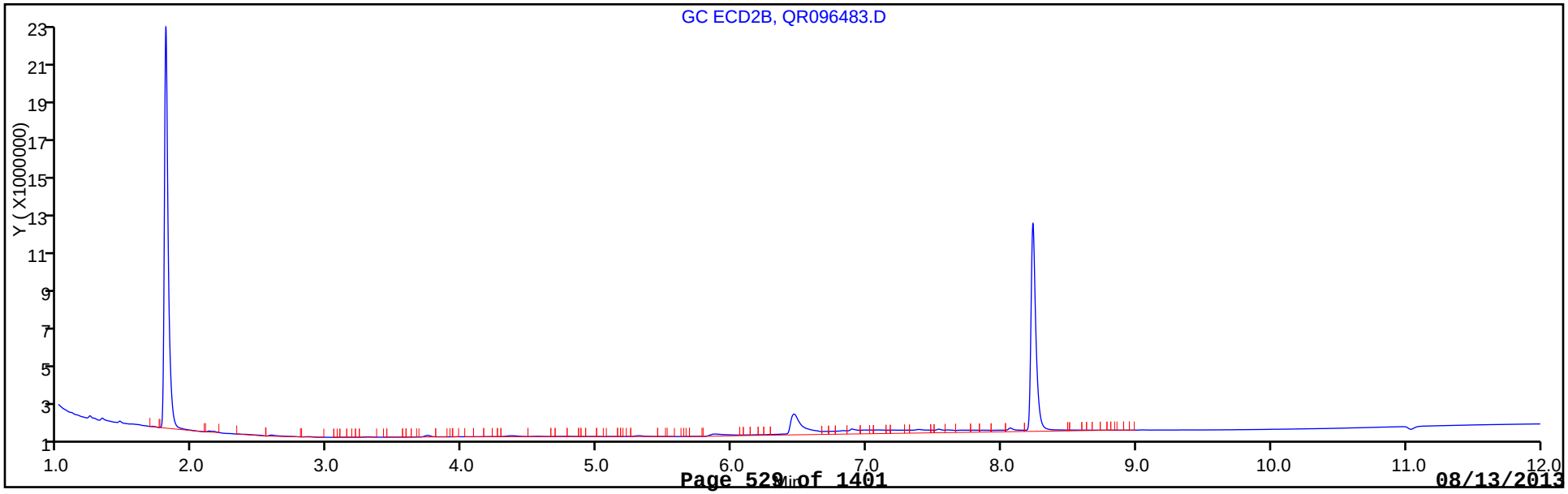
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096483.D		
Injection Date:	11-Aug-2013 14:31:14	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: MB 460-175267/1-A
Matrix: Water
Lab File ID: QR096483.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/09/2013 07:43
Sample wt/vol: 125(mL)
Date Analyzed: 08/11/2013 14:31
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175563
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	0.050	U	0.050	0.038
319-84-6	alpha-BHC	0.050	U	0.050	0.036
319-85-7	beta-BHC	0.050	U	0.050	0.037
319-86-8	delta-BHC	0.050	U	0.050	0.033
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.035
57-74-9	Chlordane	0.50	U	0.50	0.21
72-54-8	4,4'-DDD	0.050	U	0.050	0.036
72-55-9	4,4'-DDE	0.050	U	0.050	0.035
50-29-3	4,4'-DDT	0.050	U	0.050	0.036
60-57-1	Dieldrin	0.050	U	0.050	0.033
959-98-8	Endosulfan I	0.050	U	0.050	0.034
33213-65-9	Endosulfan II	0.050	U	0.050	0.035
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.037
72-20-8	Endrin	0.050	U	0.050	0.034
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.035
53494-70-5	Endrin ketone	0.050	U	0.050	0.037
76-44-8	Heptachlor	0.050	U	0.050	0.037
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.035
72-43-5	Methoxychlor	0.050	U	0.050	0.045
8001-35-2	Toxaphene	0.50	U	0.50	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	96		49-132
2051-24-3	DCB Decachlorobiphenyl	73		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096483.D		
Lims ID:	MB 460-175267/1-A	Client ID:	
Inject. Date:	11-Aug-2013 14:31:14	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	460-0003431-009		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	175563	Lims Sample ID:	9
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:41:01

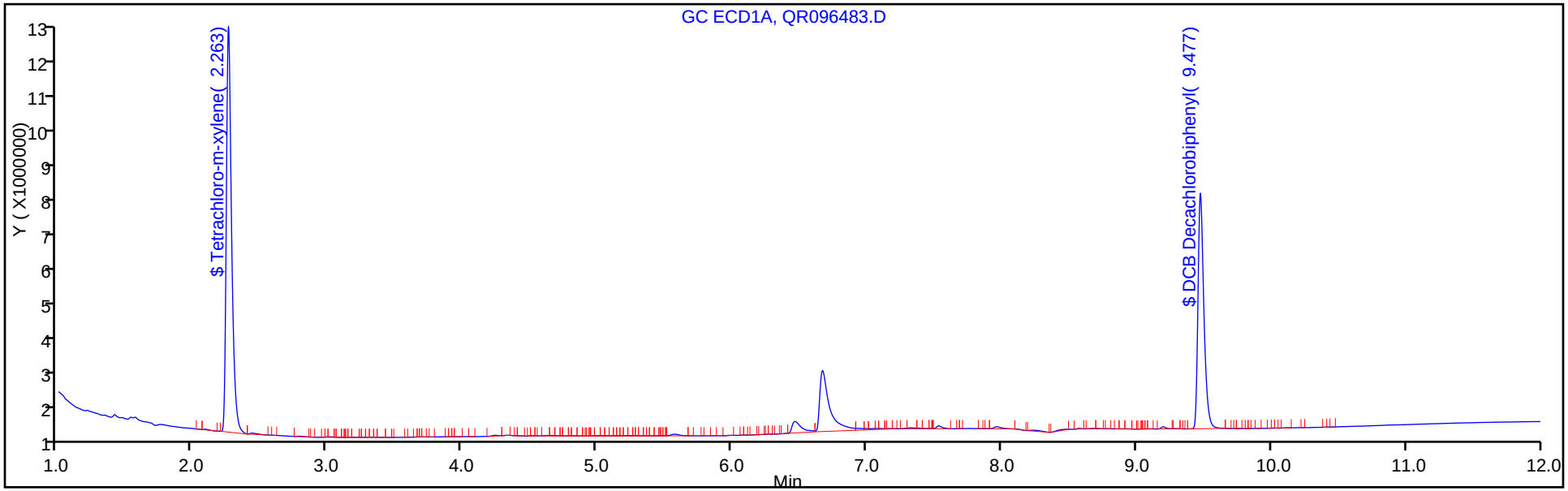
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.263	2.261	0.002	28610784	103.2	
2	1.798	1.798	0.0	41876740	96.0	
					RPD = 7.21	
$ 24 DCB Decachlorobiphenyl						
1	9.477	9.478	-0.001	18495965	74.7	
2	8.234	8.234	0.0	28246690	73.3	
					RPD = 1.92	

Report Date: 12-Aug-2013 10:22:46 Chrom Revision: 2.1 25-Jul-2013 20:19:50

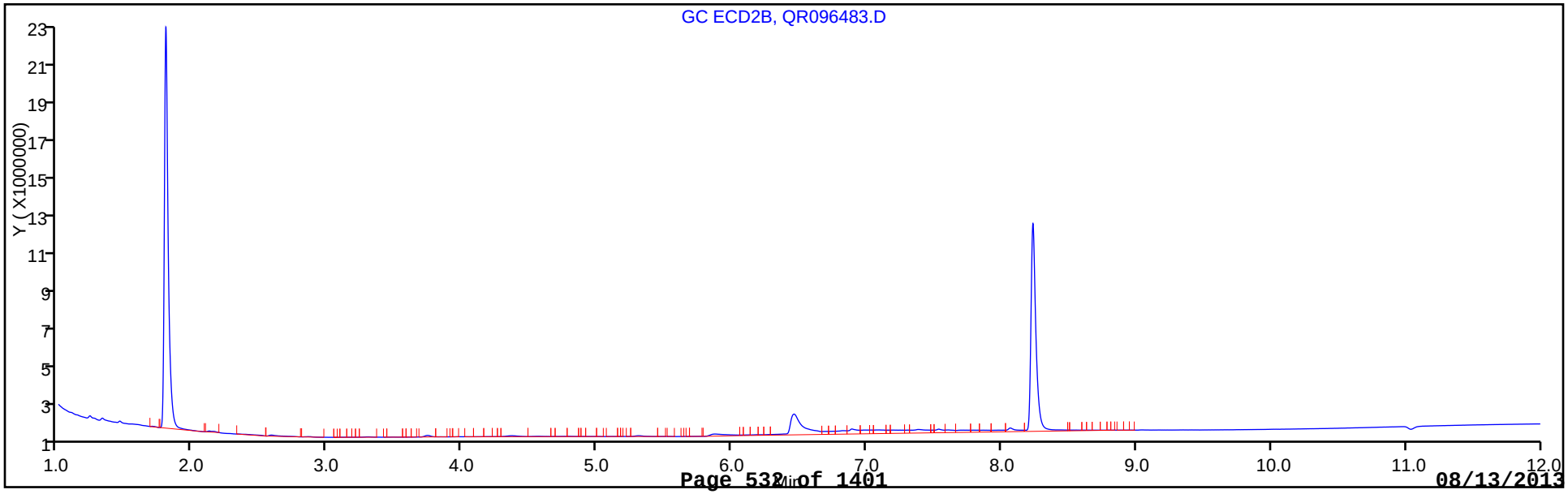
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096483.D		
Injection Date:	11-Aug-2013 14:31:14	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	9
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-174769/2-A
Matrix: Solid
Lab File ID: WR715520.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/07/2013 03:55
Sample wt/vol: 15.00(g)
Date Analyzed: 08/07/2013 17:37
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 174875
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	116		6.7	1.4
319-84-6	alpha-BHC	113		6.7	1.5
319-85-7	beta-BHC	113		6.7	1.6
319-86-8	delta-BHC	115		6.7	1.2
58-89-9	gamma-BHC (Lindane)	113		6.7	1.2
72-54-8	4,4'-DDD	120		6.7	1.3
72-55-9	4,4'-DDE	113		6.7	1.3
50-29-3	4,4'-DDT	108		6.7	1.6
60-57-1	Dieldrin	103		6.7	1.2
959-98-8	Endosulfan I	113		6.7	1.5
33213-65-9	Endosulfan II	111		6.7	1.3
1031-07-8	Endosulfan sulfate	110		6.7	1.3
72-20-8	Endrin	114		6.7	1.6
7421-93-4	Endrin aldehyde	114		6.7	1.0
53494-70-5	Endrin ketone	114		6.7	1.3
76-44-8	Heptachlor	131		6.7	1.6
1024-57-3	Heptachlor epoxide	110		6.7	1.5
72-43-5	Methoxychlor	103		6.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	122		37-150
2051-24-3	DCB Decachlorobiphenyl	121		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715520.D		
Lims ID:	LCS 460-174769/2-A	Client ID:	
Inject. Date:	07-Aug-2013 17:37:03	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0003255-036		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	35
Lims Batch ID:	174875	Lims Sample ID:	35
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m		
Last Update:	08-Aug-2013 13:51:54	Calib Date:	29-Jul-2013 08:48:04
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK033		

First Level Reviewer: kapoors Date: 08-Aug-2013 10:09:47

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	241170	61.0	
2	1.810	1.817	-0.007	226101	60.0	
					RPD = 1.66	
15 alpha-BHC						
1	3.340	3.357	-0.017	911321	169.9	
2	2.293	2.300	-0.007	931246	169.1	
					RPD = 0.46	
2 gamma-BHC (Lindane)						
1	4.007	4.023	-0.016	801046	170.0	
2	2.670	2.680	-0.010	869653	171.4	
					RPD = 0.83	
6 beta-BHC						
1	4.150	4.163	-0.013	394585	168.8	
2	2.797	2.807	-0.010	412088	170.5	
					RPD = 1.01	
32 delta-BHC						
1	4.690	4.703	-0.013	772766	172.2	
2	3.090	3.103	-0.013	883518	176.2	
					RPD = 2.27	
18 Heptachlor						
1	4.810	4.827	-0.017	695972	197.1	
2	3.443	3.457	-0.014	839790	187.7	
					RPD = 4.86	
8 Aldrin						
1	5.437	5.453	-0.016	741356	174.5	
2	3.943	3.957	-0.014	830031	185.0	
					RPD = 5.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.433	-0.010	585563	165.6	
2	4.953	4.970	-0.017	723245	183.6	
					RPD = 10.29	
9 gamma-Chlordane						
1	6.640	6.650	-0.010	572972	166.8	
2	5.177	5.190	-0.013	747016	186.6	
					RPD = 11.24	
23 alpha-Chlordane						
1	6.797	6.807	-0.010	534973	165.7	
2	5.417	5.433	-0.016	714936	184.9	
					RPD = 10.99	
7 Endosulfan I						
1	6.863	6.873	-0.010	532192	169.1	
2	5.667	5.683	-0.016	714930	190.1	
					RPD = 11.73	
25 4,4'-DDE						
1	6.957	6.967	-0.010	559384	170.0	
2	5.567	5.583	-0.016	681872	180.0	
					RPD = 5.76	
30 Dieldrin						
1	7.163	7.170	-0.007	525515	155.2	
2	6.100	6.113	-0.013	638071	165.5	
					RPD = 6.43	
20 Endrin						
1	7.507	7.517	-0.010	511855	171.6	
2	6.410	6.420	-0.010	597877	180.8	
					RPD = 5.24	
16 4,4'-DDD						
1	7.603	7.610	-0.007	483834	180.2	
2	6.490	6.500	-0.010	578159	190.4	
					RPD = 5.50	
11 Endosulfan II						
1	7.747	7.757	-0.010	492846	166.3	
2	6.653	6.660	-0.007	555497	178.7	
					RPD = 7.18	
21 4,4'-DDT						
1	7.970	7.977	-0.007	463946	161.5	
2	6.783	6.793	-0.010	574693	176.3	
					RPD = 8.77	
5 Endrin aldehyde						
1	8.137	8.147	-0.010	396946	171.3	
2	7.080	7.087	-0.007	467473	181.6	
					RPD = 5.81	
3 Endosulfan sulfate						
1	8.410	8.417	-0.007	413944	164.8	
2	7.543	7.553	-0.010	504763	172.1	
					RPD = 4.34	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	228721	154.8	
2	7.297	7.300	-0.003	277423	162.8	
					RPD = 5.02	
13 Endrin ketone						
1	8.833	8.837	-0.004	483366	171.5	
2	7.857	7.863	-0.006	612117	185.0	
					RPD = 7.60	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.837	-0.004	134357	60.6	
2	8.780	8.783	-0.003	169803	64.5	
					RPD = 6.14	

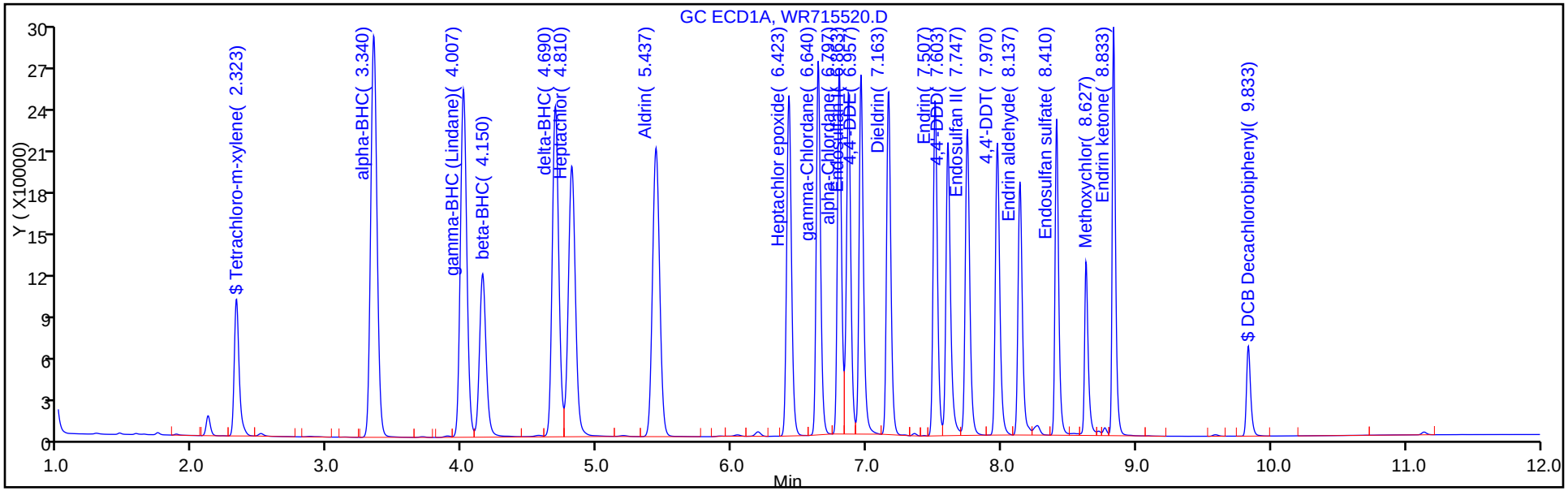
Report Date: 08-Aug-2013 13:55:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

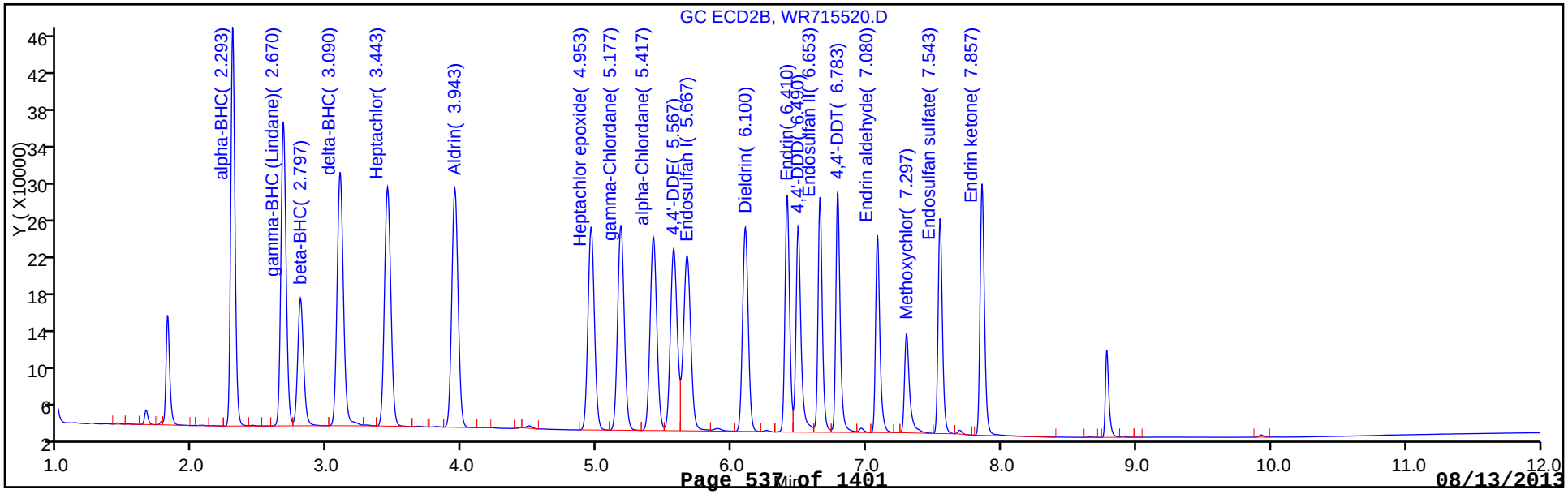
Data File: \\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715520.D

Injection Date:	07-Aug-2013 17:37:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-174769/2-A
Matrix: Solid
Lab File ID: WR715520.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/07/2013 03:55
Sample wt/vol: 15.00(g)
Date Analyzed: 08/07/2013 17:37
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-1 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 174875
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	123		6.7	1.4
319-84-6	*alpha-BHC*	*113*		*6.7*	*1.5*
319-85-7	beta-BHC	114		6.7	1.6
319-86-8	delta-BHC	117		6.7	1.2
58-89-9	gamma-BHC (Lindane)	114		6.7	1.2
72-54-8	4,4'-DDD	127		6.7	1.3
72-55-9	4,4'-DDE	120		6.7	1.3
50-29-3	4,4'-DDT	118		6.7	1.6
60-57-1	Dieldrin	110		6.7	1.2
959-98-8	Endosulfan I	127		6.7	1.5
33213-65-9	Endosulfan II	119		6.7	1.3
1031-07-8	Endosulfan sulfate	115		6.7	1.3
72-20-8	Endrin	121		6.7	1.6
7421-93-4	Endrin aldehyde	121		6.7	1.0
53494-70-5	Endrin ketone	123		6.7	1.3
76-44-8	*Heptachlor*	*125*		*6.7*	*1.6*
1024-57-3	Heptachlor epoxide	122		6.7	1.5
72-43-5	Methoxychlor	109		6.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	120		37-150
2051-24-3	DCB Decachlorobiphenyl	129		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715520.D
Lims ID: LCS 460-174769/2-A
Client ID:
Inject. Date: 07-Aug-2013 17:37:03
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0003255-036
Misc. Info.:
Operator:
Instrument ID: CPESTGC4
Injection Vol: 1.0 ul
ALS Bottle#: 35
Lims Batch ID: 174875
Lims Sample ID: 35
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\8081GC4.m
Last Update: 08-Aug-2013 13:51:54
Calib Date: 29-Jul-2013 08:48:04
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC4\20130729-2872.b\WR715156.D
Limit Group: GC 8081A PEST
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK033

First Level Reviewer: kapoors
Date: 08-Aug-2013 10:09:47

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.323	2.330	-0.007	241170	61.0	
2	1.810	1.817	-0.007	226101	60.0	
					RPD = 1.66	
15 alpha-BHC						
1	3.340	3.357	-0.017	911321	169.9	
2	2.293	2.300	-0.007	931246	169.1	
					RPD = 0.46	
2 gamma-BHC (Lindane)						
1	4.007	4.023	-0.016	801046	170.0	
2	2.670	2.680	-0.010	869653	171.4	
					RPD = 0.83	
6 beta-BHC						
1	4.150	4.163	-0.013	394585	168.8	
2	2.797	2.807	-0.010	412088	170.5	
					RPD = 1.01	
32 delta-BHC						
1	4.690	4.703	-0.013	772766	172.2	
2	3.090	3.103	-0.013	883518	176.2	
					RPD = 2.27	
18 Heptachlor						
1	4.810	4.827	-0.017	695972	197.1	
2	3.443	3.457	-0.014	839790	187.7	
					RPD = 4.86	
8 Aldrin						
1	5.437	5.453	-0.016	741356	174.5	
2	3.943	3.957	-0.014	830031	185.0	
					RPD = 5.82	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.433	-0.010	585563	165.6	
2	4.953	4.970	-0.017	723245	183.6	
					RPD = 10.29	
9 gamma-Chlordane						
1	6.640	6.650	-0.010	572972	166.8	
2	5.177	5.190	-0.013	747016	186.6	
					RPD = 11.24	
23 alpha-Chlordane						
1	6.797	6.807	-0.010	534973	165.7	
2	5.417	5.433	-0.016	714936	184.9	
					RPD = 10.99	
7 Endosulfan I						
1	6.863	6.873	-0.010	532192	169.1	
2	5.667	5.683	-0.016	714930	190.1	
					RPD = 11.73	
25 4,4'-DDE						
1	6.957	6.967	-0.010	559384	170.0	
2	5.567	5.583	-0.016	681872	180.0	
					RPD = 5.76	
30 Dieldrin						
1	7.163	7.170	-0.007	525515	155.2	
2	6.100	6.113	-0.013	638071	165.5	
					RPD = 6.43	
20 Endrin						
1	7.507	7.517	-0.010	511855	171.6	
2	6.410	6.420	-0.010	597877	180.8	
					RPD = 5.24	
16 4,4'-DDD						
1	7.603	7.610	-0.007	483834	180.2	
2	6.490	6.500	-0.010	578159	190.4	
					RPD = 5.50	
11 Endosulfan II						
1	7.747	7.757	-0.010	492846	166.3	
2	6.653	6.660	-0.007	555497	178.7	
					RPD = 7.18	
21 4,4'-DDT						
1	7.970	7.977	-0.007	463946	161.5	
2	6.783	6.793	-0.010	574693	176.3	
					RPD = 8.77	
5 Endrin aldehyde						
1	8.137	8.147	-0.010	396946	171.3	
2	7.080	7.087	-0.007	467473	181.6	
					RPD = 5.81	
3 Endosulfan sulfate						
1	8.410	8.417	-0.007	413944	164.8	
2	7.543	7.553	-0.010	504763	172.1	
					RPD = 4.34	

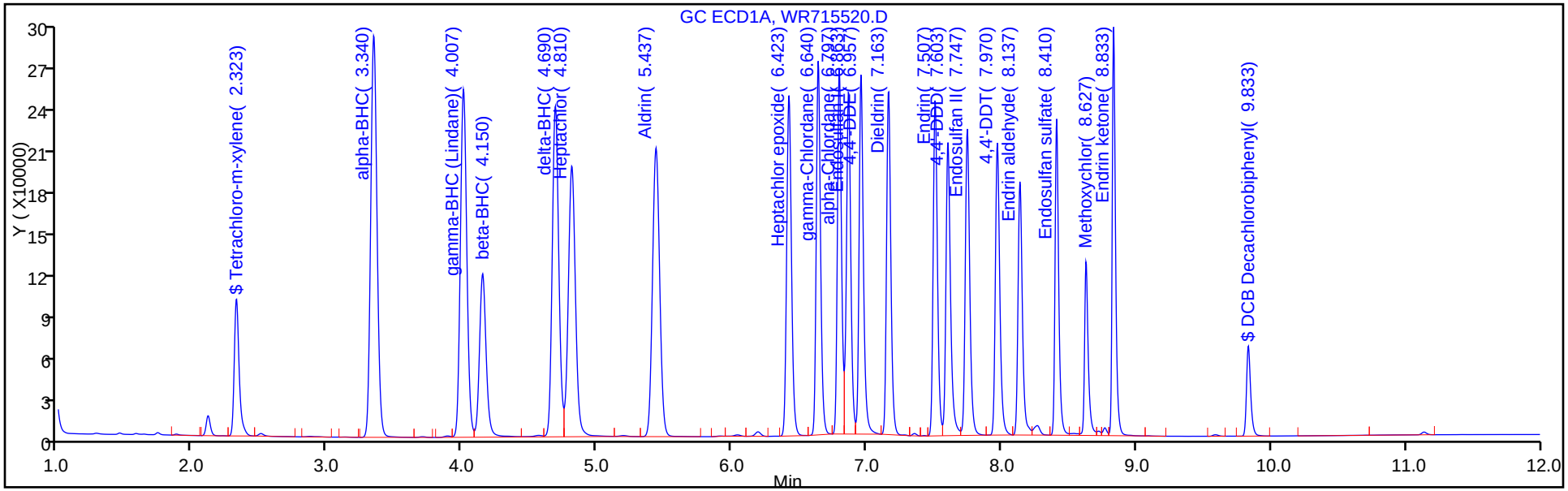
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.633	-0.006	228721	154.8	
2	7.297	7.300	-0.003	277423	162.8	
					RPD = 5.02	
13 Endrin ketone						
1	8.833	8.837	-0.004	483366	171.5	
2	7.857	7.863	-0.006	612117	185.0	
					RPD = 7.60	
$ 24 DCB Decachlorobiphenyl						
1	9.833	9.837	-0.004	134357	60.6	
2	8.780	8.783	-0.003	169803	64.5	
					RPD = 6.14	

Report Date: 08-Aug-2013 13:55:39 Chrom Revision: 2.1 25-Jul-2013 20:19:50

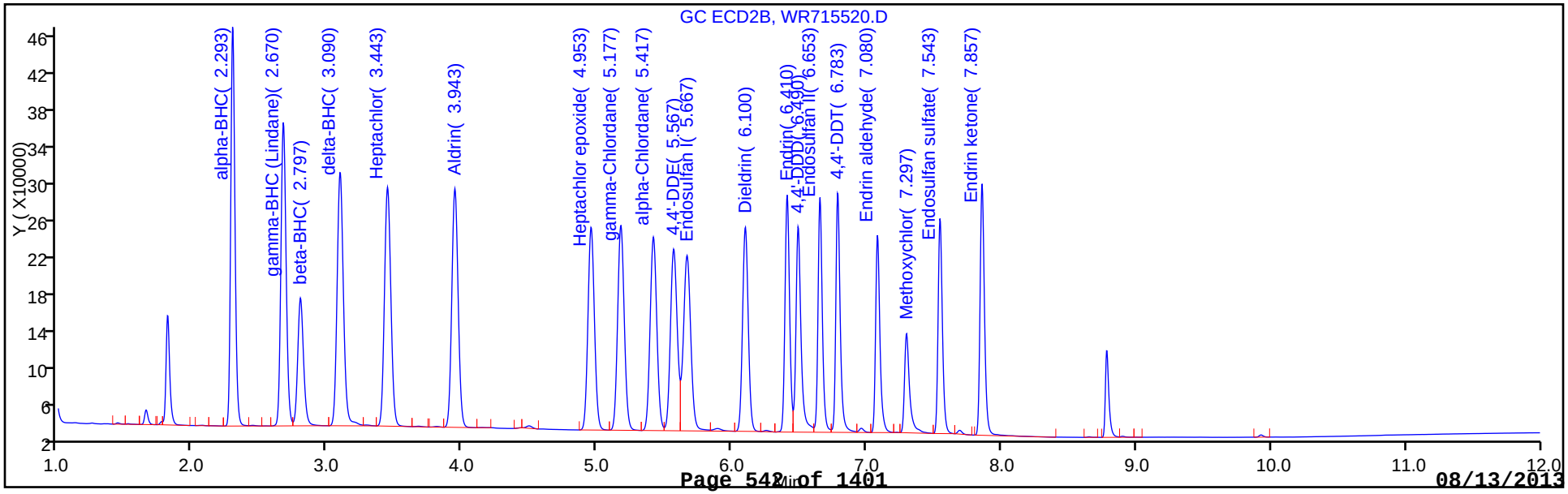
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130807-3255.b\WR715520.D		
Injection Date:	07-Aug-2013 17:37:03	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	174875	Lims Sample ID:	35
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-175233/2-A
Matrix: Solid
Lab File ID: WR715616.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3546
Date Extracted: 08/09/2013 03:59
Sample wt/vol: 15.00(g)
Date Analyzed: 08/09/2013 11:51
Con. Extract Vol.: 10(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175266
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	*Aldrin*	*123*		*6.7*	*1.4*
319-84-6	alpha-BHC	125		6.7	1.5
319-85-7	*beta-BHC*	*119*		*6.7*	*1.6*
319-86-8	delta-BHC	122		6.7	1.2
58-89-9	gamma-BHC (Lindane)	124		6.7	1.2
72-54-8	4,4'-DDD	123		6.7	1.3
72-55-9	*4,4'-DDE*	*121*		*6.7*	*1.3*
50-29-3	4,4'-DDT	118		6.7	1.6
60-57-1	Dieldrin	109		6.7	1.2
959-98-8	Endosulfan I	118		6.7	1.5
33213-65-9	Endosulfan II	113		6.7	1.3
1031-07-8	*Endosulfan sulfate*	*117*		*6.7*	*1.3*
72-20-8	Endrin	121		6.7	1.6
7421-93-4	Endrin aldehyde	118		6.7	1.0
53494-70-5	*Endrin ketone*	*120*		*6.7*	*1.3*
76-44-8	Heptachlor	124		6.7	1.6
1024-57-3	*Heptachlor epoxide*	*116*		*6.7*	*1.5*
72-43-5	*Methoxychlor*	*112*		*6.7*	*1.6*

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	125		37-150
2051-24-3	DCB Decachlorobiphenyl	117		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715616.D		
Lims ID:	LCS 460-175233/2-A	Client ID:	
Inject. Date:	09-Aug-2013 11:51:04	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0003369-012		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC4
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	175266	Lims Sample ID:	12
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m		
Last Update:	09-Aug-2013 13:37:52	Calib Date:	08-Aug-2013 11:13:31
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK027		

First Level Reviewer: kapoors Date: 09-Aug-2013 12:50:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.327	2.323	0.004	263132	62.7	
2	1.817	1.833	-0.016	250110	58.9	
					RPD = 6.28	
15 alpha-BHC						
1	3.347	3.327	0.020	1095222	188.0	
2	2.297	2.317	-0.020	1139628	181.7	
					RPD = 3.37	
2 gamma-BHC (Lindane)						
1	4.013	3.987	0.026	962098	186.6	
2	2.673	2.697	-0.024	1056408	182.6	
					RPD = 2.14	
6 beta-BHC						
1	4.153	4.130	0.023	474626	178.9	
2	2.800	2.823	-0.023	504320	181.4	
					RPD = 1.40	
32 delta-BHC						
1	4.693	4.667	0.026	918135	182.6	
2	3.093	3.117	-0.024	1065579	180.1	
					RPD = 1.38	
18 Heptachlor						
1	4.813	4.790	0.023	775974	186.4	
2	3.447	3.463	-0.016	992699	185.3	
					RPD = 0.63	
8 Aldrin						
1	5.440	5.410	0.030	877007	184.3	
2	3.943	3.960	-0.017	994035	191.3	
					RPD = 3.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.407	0.016	687979	174.5	
2	4.953	4.963	-0.010	858720	176.5	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.640	6.627	0.013	670068	172.6	
2	5.173	5.180	-0.007	886172	174.4	
					RPD = 1.04	
23 alpha-Chlordane						
1	6.797	6.783	0.014	627877	174.8	
2	5.417	5.420	-0.003	847959	175.9	
					RPD = 0.62	
7 Endosulfan I						
1	6.863	6.850	0.013	623808	177.7	
2	5.667	5.670	-0.003	843297	172.0	
					RPD = 3.21	
25 4,4'-DDE						
1	6.957	6.943	0.014	655781	181.2	
2	5.567	5.570	-0.003	828710	185.4	
					RPD = 2.30	
30 Dieldrin						
1	7.160	7.147	0.013	615687	163.6	
2	6.097	6.100	-0.003	766728	161.8	
					RPD = 1.09	
20 Endrin						
1	7.507	7.493	0.014	600054	182.0	
2	6.410	6.407	0.003	715019	181.6	
					RPD = 0.20	
16 4,4'-DDD						
1	7.600	7.590	0.010	556328	184.3	
2	6.490	6.490	0.0	671329	182.1	
					RPD = 1.18	
11 Endosulfan II						
1	7.743	7.733	0.010	572682	170.0	
2	6.650	6.650	0.0	648177	169.9	
					RPD = 0.08	
21 4,4'-DDT						
1	7.967	7.953	0.014	568353	177.5	
2	6.783	6.783	0.0	698522	171.7	
					RPD = 3.29	
5 Endrin aldehyde						
1	8.137	8.123	0.014	469841	176.5	
2	7.077	7.077	0.0	564626	175.1	
					RPD = 0.82	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	483439	174.9	
2	7.540	7.540	0.0	598756	175.0	
					RPD = 0.04	

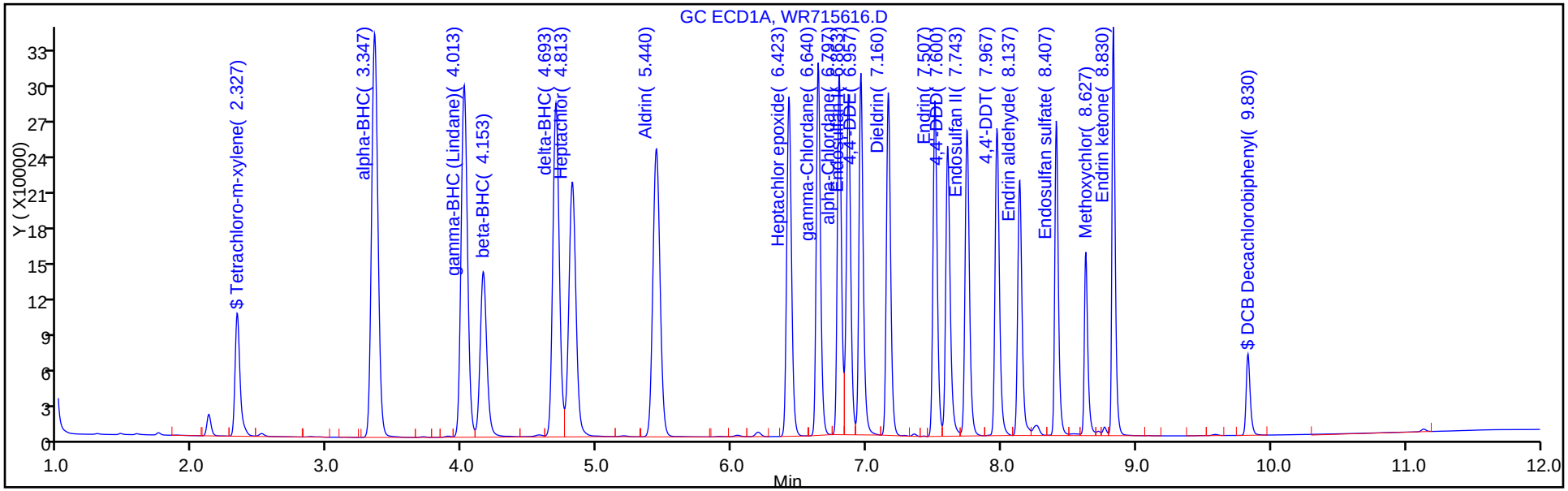
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.620	0.007	274932	168.0	
2	7.293	7.290	0.003	346031	176.6	
					RPD = 4.99	
13 Endrin ketone						
1	8.830	8.823	0.007	561942	180.4	
2	7.853	7.853	0.0	715121	181.0	
					RPD = 0.29	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	140426	58.5	
2	8.780	8.777	0.003	175052	56.1	
					RPD = 4.28	

Report Date: 09-Aug-2013 13:37:55 Chrom Revision: 2.1 25-Jul-2013 20:19:50

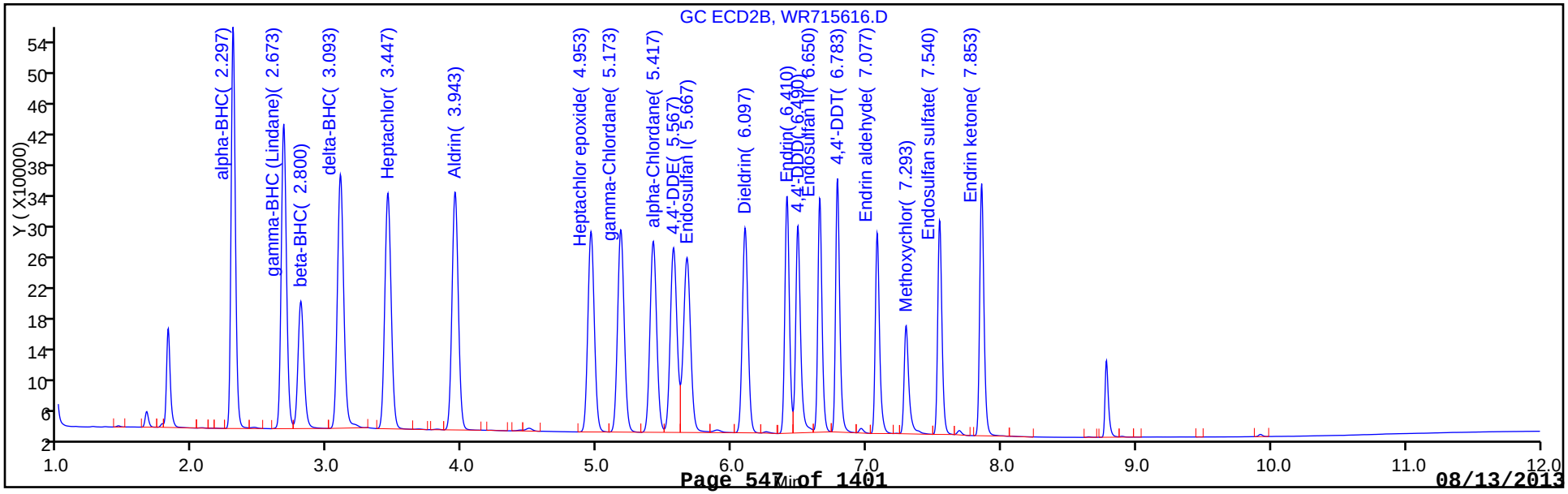
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715616.D		
Injection Date:	09-Aug-2013 11:51:04	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-175233/2-A

Matrix: Solid | Lab File ID: WR715616.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 08/09/2013 03:59

Sample wt/vol: 15.00(g) | Date Analyzed: 08/09/2013 11:51

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175266 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	128		6.7	1.4
319-84-6	*alpha-BHC*	*121*		*6.7*	*1.5*
319-85-7	beta-BHC	121		6.7	1.6
319-86-8	*delta-BHC*	*120*		*6.7*	*1.2*
58-89-9	*gamma-BHC (Lindane)*	*122*		*6.7*	*1.2*
72-54-8	*4,4'-DDD*	*121*		*6.7*	*1.3*
72-55-9	4,4'-DDE	124		6.7	1.3
50-29-3	*4,4'-DDT*	*114*		*6.7*	*1.6*
60-57-1	*Dieldrin*	*108*		*6.7*	*1.2*
959-98-8	*Endosulfan I*	*115*		*6.7*	*1.5*
33213-65-9	*Endosulfan II*	*113*		*6.7*	*1.3*
1031-07-8	Endosulfan sulfate	117		6.7	1.3
72-20-8	*Endrin*	*121*		*6.7*	*1.6*
7421-93-4	*Endrin aldehyde*	*117*		*6.7*	*1.0*
53494-70-5	Endrin ketone	121		6.7	1.3
76-44-8	*Heptachlor*	*124*		*6.7*	*1.6*
1024-57-3	Heptachlor epoxide	118		6.7	1.5
72-43-5	Methoxychlor	118		6.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	118		37-150
2051-24-3	DCB Decachlorobiphenyl	112		60-150

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715616.D
Lims ID: LCS 460-175233/2-A
Client ID:
Inject. Date: 09-Aug-2013 11:51:04
Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 460-0003369-012
Misc. Info.:
Operator:
Instrument ID: CPESTGC4
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 175266
Lims Sample ID: 12
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\8081GC4.m
Last Update: 09-Aug-2013 13:37:52
Calib Date: 08-Aug-2013 11:13:31
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\EDICHROM\ChromData\CPESTGC4\20130808-3327.b\WR715557.D
Limit Group: GC 8081A PEST
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK027

First Level Reviewer: kapoors
Date: 09-Aug-2013 12:50:24

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.327	2.323	0.004	263132	62.7	
2	1.817	1.833	-0.016	250110	58.9	
					RPD = 6.28	
15 alpha-BHC						
1	3.347	3.327	0.020	1095222	188.0	
2	2.297	2.317	-0.020	1139628	181.7	
					RPD = 3.37	
2 gamma-BHC (Lindane)						
1	4.013	3.987	0.026	962098	186.6	
2	2.673	2.697	-0.024	1056408	182.6	
					RPD = 2.14	
6 beta-BHC						
1	4.153	4.130	0.023	474626	178.9	
2	2.800	2.823	-0.023	504320	181.4	
					RPD = 1.40	
32 delta-BHC						
1	4.693	4.667	0.026	918135	182.6	
2	3.093	3.117	-0.024	1065579	180.1	
					RPD = 1.38	
18 Heptachlor						
1	4.813	4.790	0.023	775974	186.4	
2	3.447	3.463	-0.016	992699	185.3	
					RPD = 0.63	
8 Aldrin						
1	5.440	5.410	0.030	877007	184.3	
2	3.943	3.960	-0.017	994035	191.3	
					RPD = 3.74	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.423	6.407	0.016	687979	174.5	
2	4.953	4.963	-0.010	858720	176.5	
					RPD = 1.18	
9 gamma-Chlordane						
1	6.640	6.627	0.013	670068	172.6	
2	5.173	5.180	-0.007	886172	174.4	
					RPD = 1.04	
23 alpha-Chlordane						
1	6.797	6.783	0.014	627877	174.8	
2	5.417	5.420	-0.003	847959	175.9	
					RPD = 0.62	
7 Endosulfan I						
1	6.863	6.850	0.013	623808	177.7	
2	5.667	5.670	-0.003	843297	172.0	
					RPD = 3.21	
25 4,4'-DDE						
1	6.957	6.943	0.014	655781	181.2	
2	5.567	5.570	-0.003	828710	185.4	
					RPD = 2.30	
30 Dieldrin						
1	7.160	7.147	0.013	615687	163.6	
2	6.097	6.100	-0.003	766728	161.8	
					RPD = 1.09	
20 Endrin						
1	7.507	7.493	0.014	600054	182.0	
2	6.410	6.407	0.003	715019	181.6	
					RPD = 0.20	
16 4,4'-DDD						
1	7.600	7.590	0.010	556328	184.3	
2	6.490	6.490	0.0	671329	182.1	
					RPD = 1.18	
11 Endosulfan II						
1	7.743	7.733	0.010	572682	170.0	
2	6.650	6.650	0.0	648177	169.9	
					RPD = 0.08	
21 4,4'-DDT						
1	7.967	7.953	0.014	568353	177.5	
2	6.783	6.783	0.0	698522	171.7	
					RPD = 3.29	
5 Endrin aldehyde						
1	8.137	8.123	0.014	469841	176.5	
2	7.077	7.077	0.0	564626	175.1	
					RPD = 0.82	
3 Endosulfan sulfate						
1	8.407	8.400	0.007	483439	174.9	
2	7.540	7.540	0.0	598756	175.0	
					RPD = 0.04	

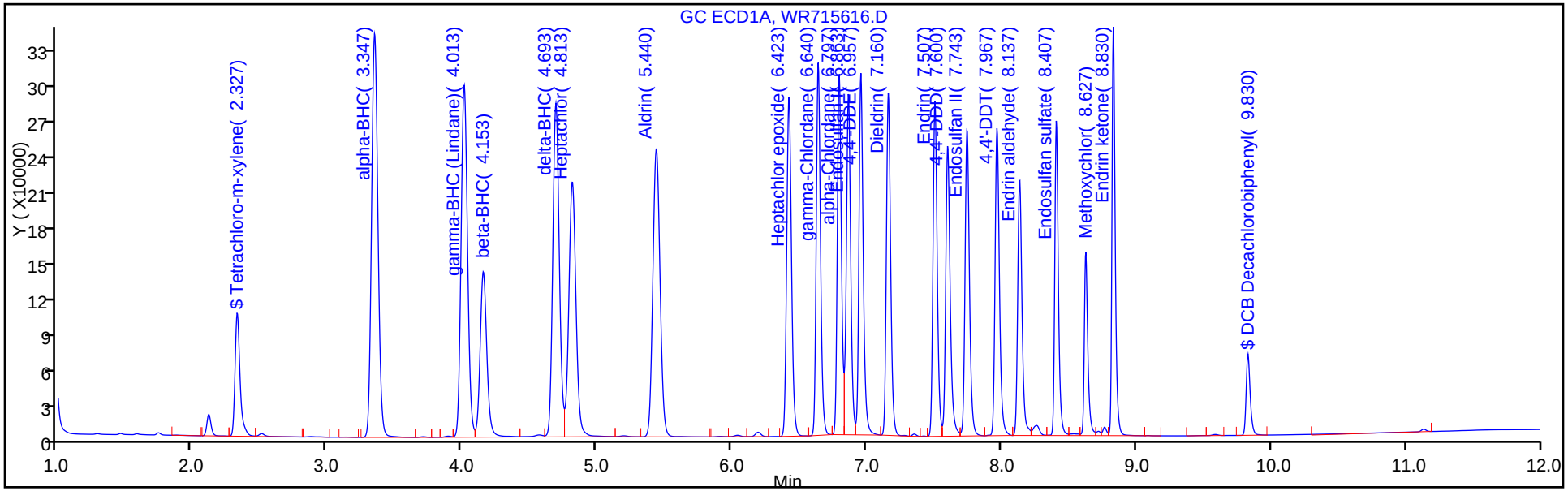
Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.627	8.620	0.007	274932	168.0	
2	7.293	7.290	0.003	346031	176.6	
					RPD = 4.99	
13 Endrin ketone						
1	8.830	8.823	0.007	561942	180.4	
2	7.853	7.853	0.0	715121	181.0	
					RPD = 0.29	
$ 24 DCB Decachlorobiphenyl						
1	9.830	9.823	0.007	140426	58.5	
2	8.780	8.777	0.003	175052	56.1	
					RPD = 4.28	

Report Date: 09-Aug-2013 13:37:56 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC4\20130809-3369.b\WR715616.D		
Injection Date:	09-Aug-2013 11:51:04	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC4
Lims Batch ID:	175266	Lims Sample ID:	12
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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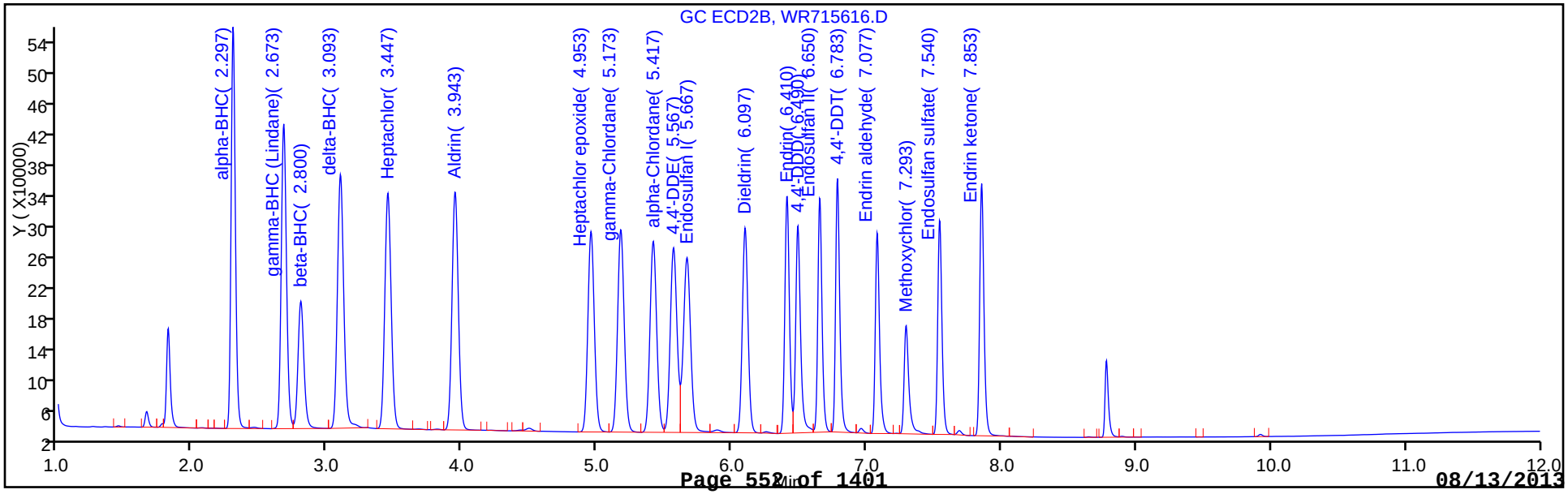


FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG No.:
Client Sample ID:
Lab Sample ID: LCS 460-175267/2-A
Matrix: Water
Lab File ID: QR096484.D
Analysis Method: 8081A
Date Collected:
Extraction Method: 3510C
Date Extracted: 08/09/2013 07:43
Sample wt/vol: 125(mL)
Date Analyzed: 08/11/2013 14:47
Con. Extract Vol.: 1(mL)
Dilution Factor: 1
Injection Volume: 1(uL)
GC Column: CLP-2 ID: 0.53(mm)
% Moisture:
GPC Cleanup:(Y/N) N
Analysis Batch No.: 175563
Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.76		0.050	0.038
319-84-6	alpha-BHC	1.81		0.050	0.036
319-85-7	beta-BHC	1.72		0.050	0.037
319-86-8	delta-BHC	1.53		0.050	0.033
58-89-9	gamma-BHC (Lindane)	1.81		0.050	0.035
72-54-8	4,4'-DDD	1.86		0.050	0.036
72-55-9	4,4'-DDE	1.84		0.050	0.035
50-29-3	4,4'-DDT	1.92		0.050	0.036
60-57-1	Dieldrin	1.64		0.050	0.033
959-98-8	Endosulfan I	1.81		0.050	0.034
33213-65-9	Endosulfan II	1.68		0.050	0.035
1031-07-8	Endosulfan sulfate	1.67		0.050	0.037
72-20-8	Endrin	1.76		0.050	0.034
7421-93-4	Endrin aldehyde	1.70		0.050	0.035
53494-70-5	Endrin ketone	1.86		0.050	0.037
76-44-8	Heptachlor	1.83		0.050	0.037
1024-57-3	Heptachlor epoxide	1.74		0.050	0.035
72-43-5	Methoxychlor	1.81		0.050	0.045

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	104		49-132
2051-24-3	DCB Decachlorobiphenyl	80		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Lims ID:	LCS 460-175267/2-A	Client ID:	
Inject. Date:	11-Aug-2013 14:47:24	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0003431-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	175563	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:41:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.261	0.001	28977151	104.5	
2	1.797	1.798	-0.001	45625450	104.6	
					RPD = 0.09	
15 alpha-BHC						
1	3.276	3.274	0.002	76063771	226.8	
2	2.287	2.287	0.0	110608510	202.8	
					RPD = 11.14	
2 gamma-BHC (Lindane)						
1	3.978	3.976	0.002	71274229	226.7	
2	2.673	2.674	-0.001	103874993	209.2	
					RPD = 8.03	
6 beta-BHC						
1	4.131	4.129	0.002	37031054	215.6	
2	2.810	2.811	-0.001	52895273	208.1	
					RPD = 3.53	
32 delta-BHC						
1	4.710	4.709	0.001	58463576	191.3	
2	3.125	3.126	-0.001	89974029	187.0	
					RPD = 2.26	
18 Heptachlor						
1	4.842	4.841	0.001	58006884	229.2	
2	3.492	3.493	-0.001	86787436	220.8	
					RPD = 3.74	
8 Aldrin						
1	5.508	5.507	0.001	65128903	219.7	
2	4.023	4.024	-0.001	92423958	211.7	
					RPD = 3.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	58331260	218.0	
2	5.113	5.114	-0.001	88291474	213.2	
					RPD = 2.23	
9 gamma-Chlordane						M
1	6.571	6.570	0.001	58081535	219.8	M
2	5.347	5.349	-0.002	88942834	209.8	
					RPD = 4.69	
23 alpha-Chlordane						M
1	6.685	6.685	0.0	46797162	218.7	M
2	5.604	5.607	-0.003	86527010	213.6	
					RPD = 2.36	
7 Endosulfan I						M
1	6.732	6.732	0.0	56123745	225.8	M
2	5.877	5.879	-0.002	84205646	220.7	
					RPD = 2.28	
25 4,4'-DDE						M
1	6.795	6.795	0.0	59971350	229.6	M
2	5.761	5.764	-0.003	81330636	222.6	
					RPD = 3.07	
30 Dieldrin						M
1	6.923	6.923	0.0	52113648	205.4	M
2	6.223	6.224	-0.001	75505304	201.7	
					RPD = 1.84	
20 Endrin						M
1	7.130	7.129	0.001	47113706	219.8	M
2	6.449	6.449	0.0	65694480	216.1	
					RPD = 1.71	
16 4,4'-DDD						M
1	7.189	7.189	0.0	50542721	232.5	M
2	6.505	6.505	0.0	72204844	228.7	
					RPD = 1.66	
11 Endosulfan II						M
1	7.277	7.278	-0.001	51951320	210.5	M
2	6.627	6.629	-0.002	68890668	209.6	
					RPD = 0.44	
21 4,4'-DDT						M
1	7.424	7.424	0.0	48985358	239.4	M
2	6.715	6.716	-0.001	72405688	219.7	
					RPD = 8.57	
5 Endrin aldehyde						M
1	7.534	7.534	0.0	42076695	212.9	M
2	6.914	6.914	0.0	61322931	206.9	
					RPD = 2.82	
3 Endosulfan sulfate						M
1	7.759	7.759	0.0	47217915	208.7	M
2	7.195	7.196	-0.001	70115920	205.5	
					RPD = 1.56	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.003	8.003	0.0	26093775	226.1	
2	7.037	7.037	0.0	40295776	215.3	
					RPD = 4.93	
13 Endrin ketone						
1	8.241	8.241	0.0	52489305	231.9	
2	7.392	7.394	-0.002	76525663	211.9	
					RPD = 9.02	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.478	-0.002	19732461	79.7	
2	8.234	8.234	0.0	29612369	76.9	
					RPD = 3.67	

QC Flag Legend

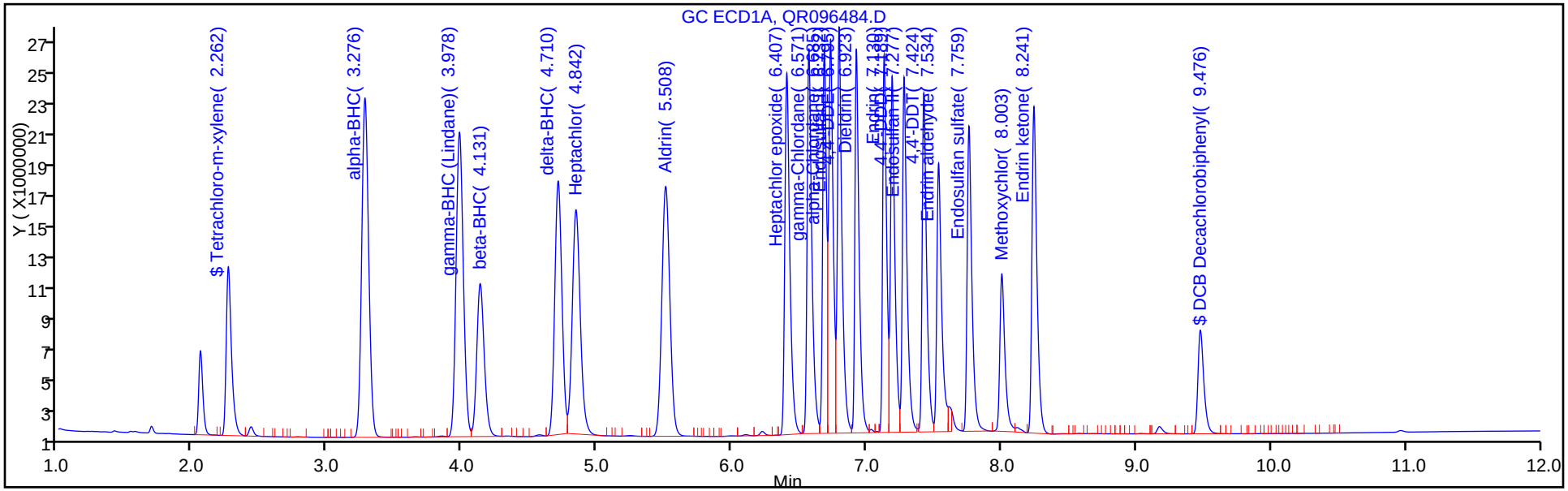
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:22:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

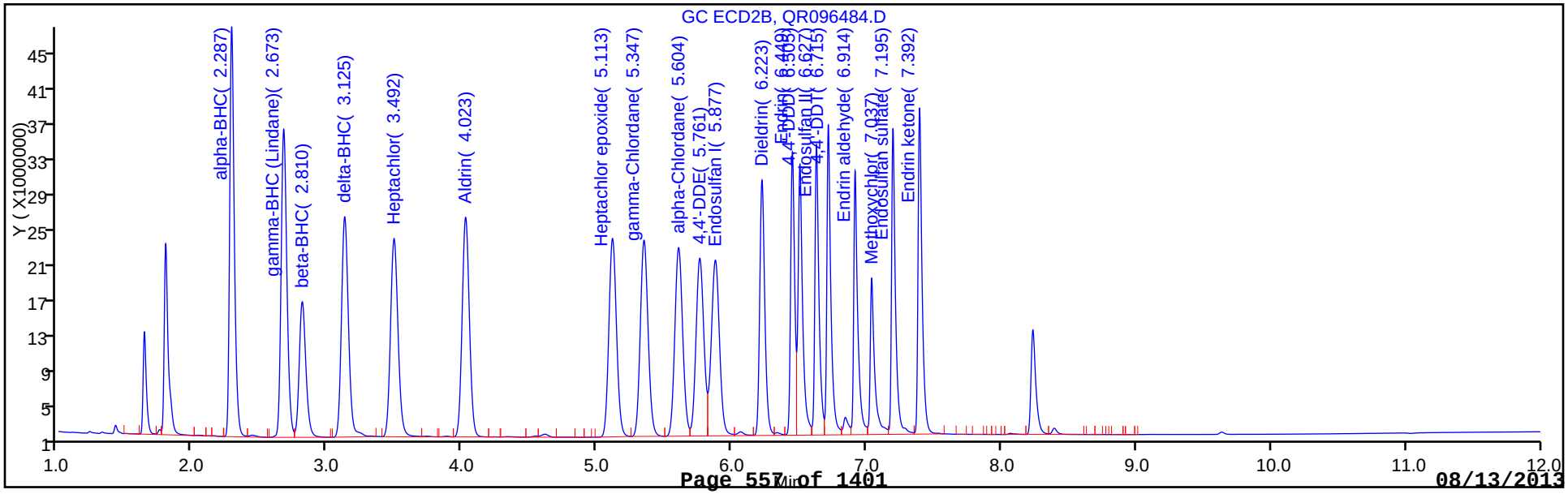
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



Manual Integration/User Assign Peak Report

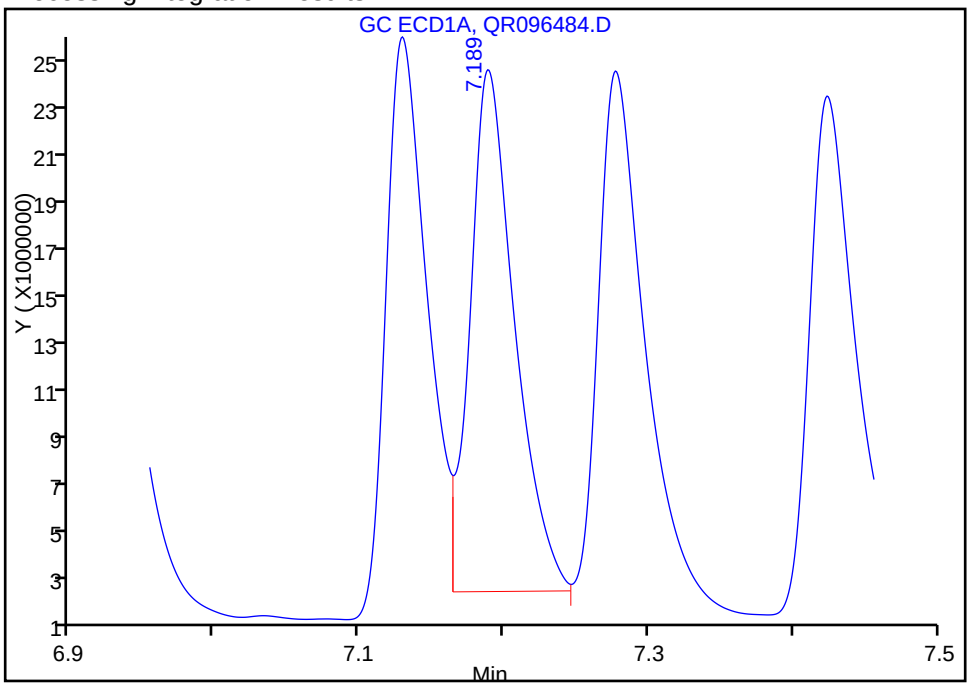
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.19, Det: GC ECD1A

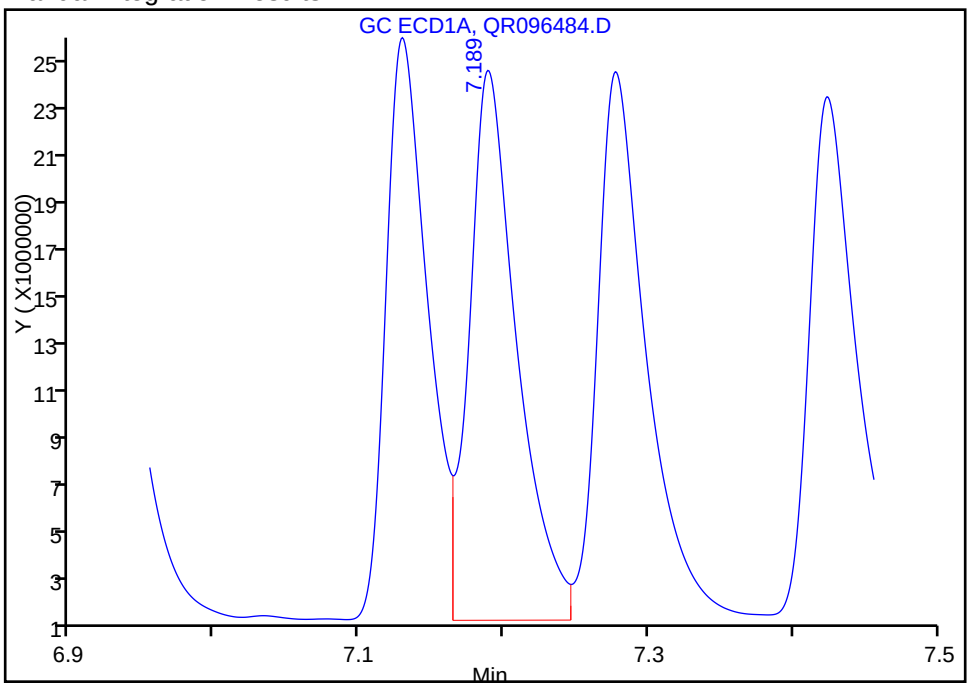
Processing Integration Results

RT: 7.19
Response: 44861676
Amount: 206.3563



Manual Integration Results

RT: 7.19
Response: 50542721
Amount: 232.4882



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 12-Aug-2013 10:22:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

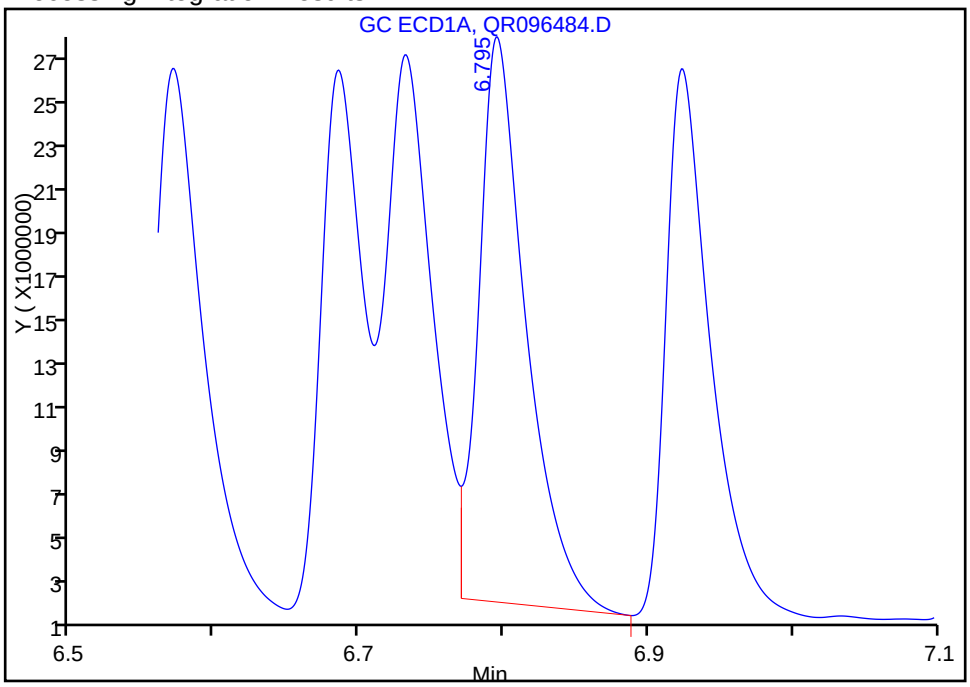
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 1, Type: quant, RT: 6.80, Det: GC ECD1A

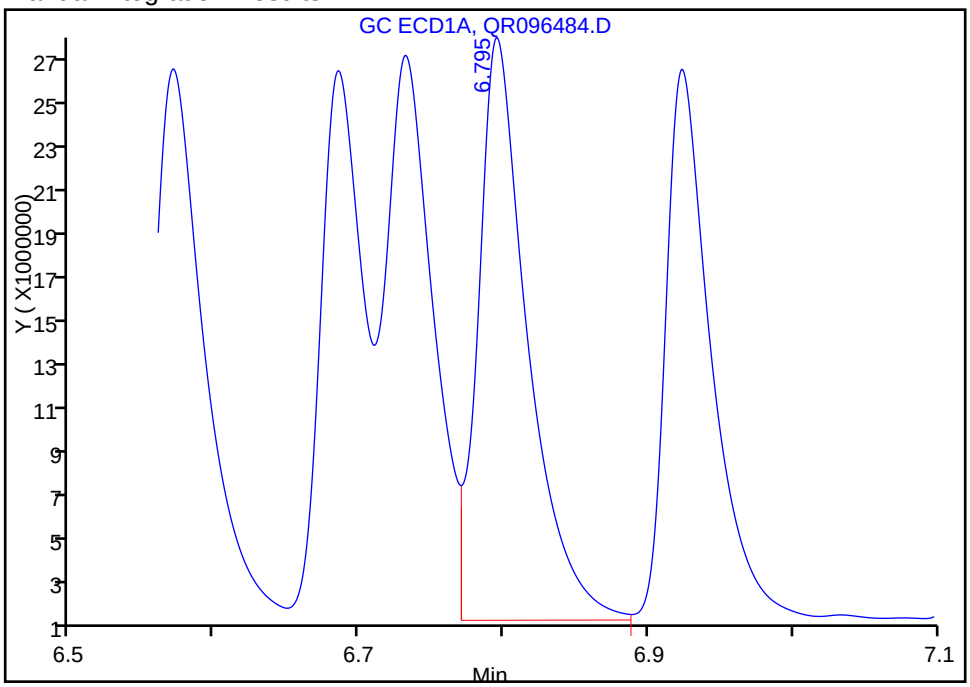
Processing Integration Results

RT: 6.79
Response: 55640437
Amount: 213.0066



Manual Integration Results

RT: 6.79
Response: 59971350
Amount: 229.5866



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

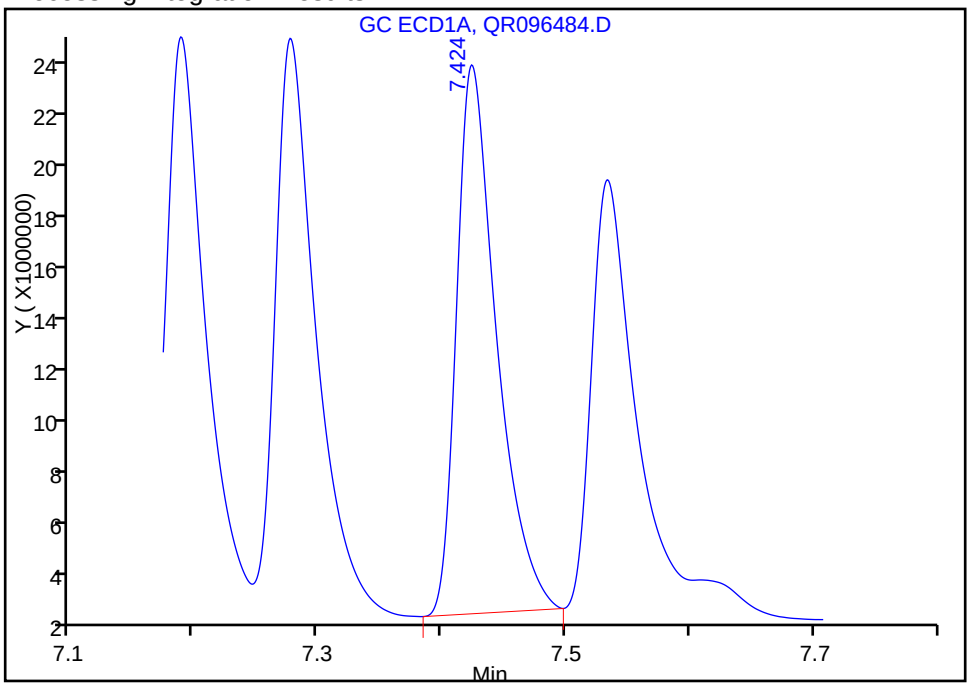
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.42, Det: GC ECD1A

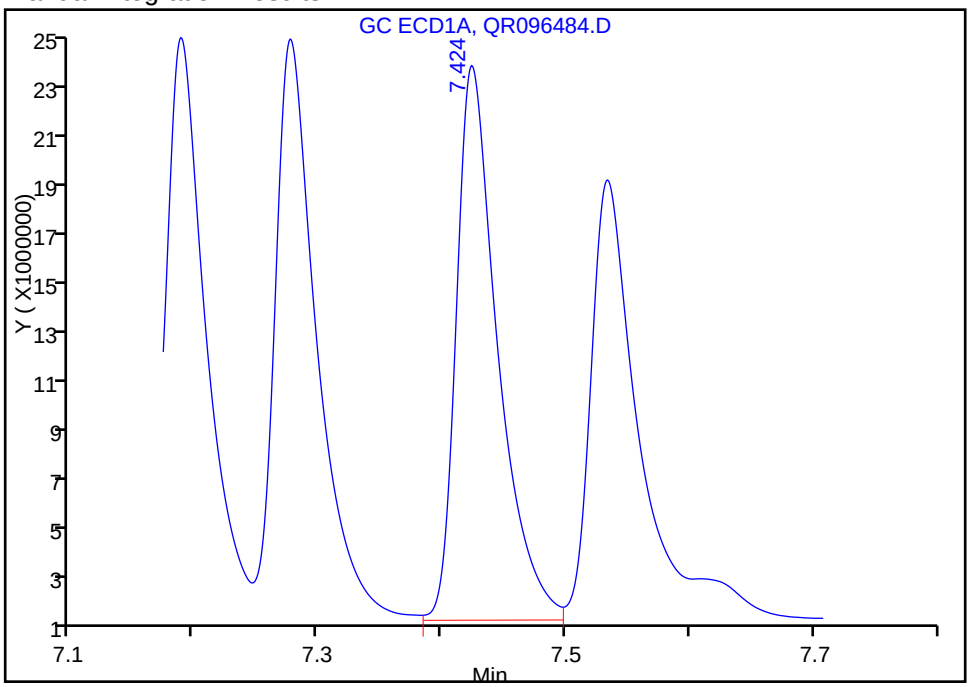
Processing Integration Results

RT: 7.42
Response: 46691857
Amount: 228.1956



Manual Integration Results

RT: 7.42
Response: 48985358
Amount: 239.4045



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

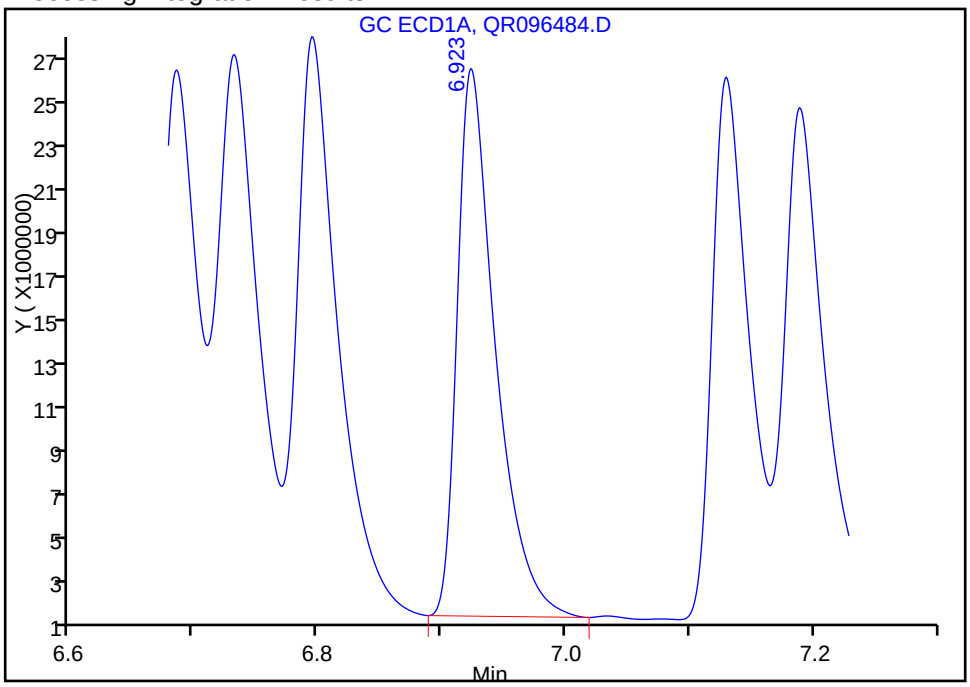
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Dieldrin, Signal: 1, Type: quant, RT: 6.92, Det: GC ECD1A

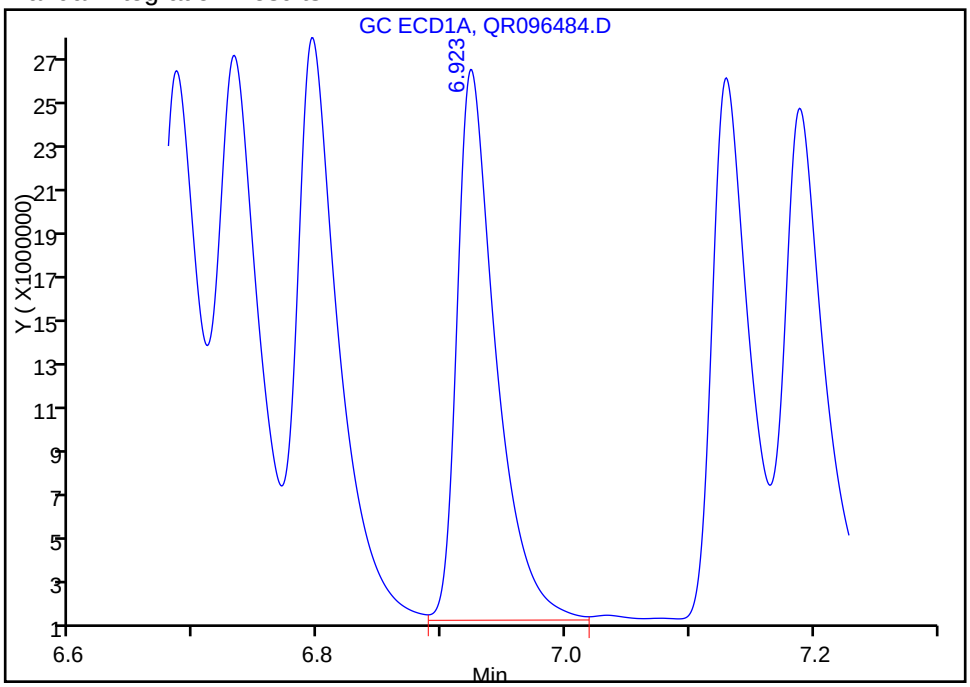
Processing Integration Results

RT: 6.92
Response: 50652042
Amount: 199.6346



Manual Integration Results

RT: 6.92
Response: 52113648
Amount: 205.3953



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Report Date: 12-Aug-2013 10:22:47 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

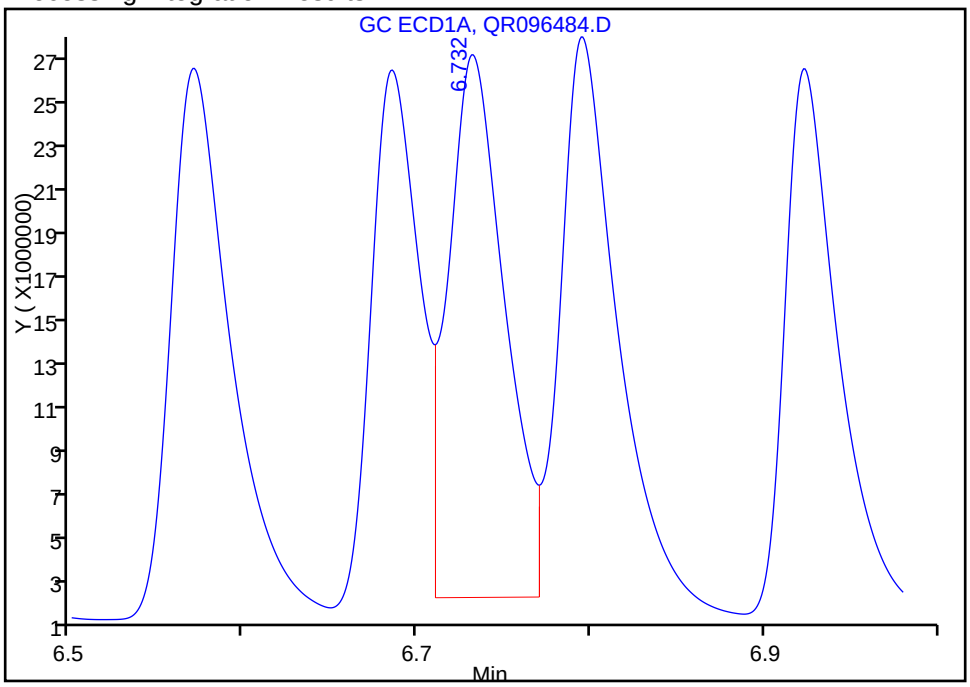
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.73, Det: GC ECD1A

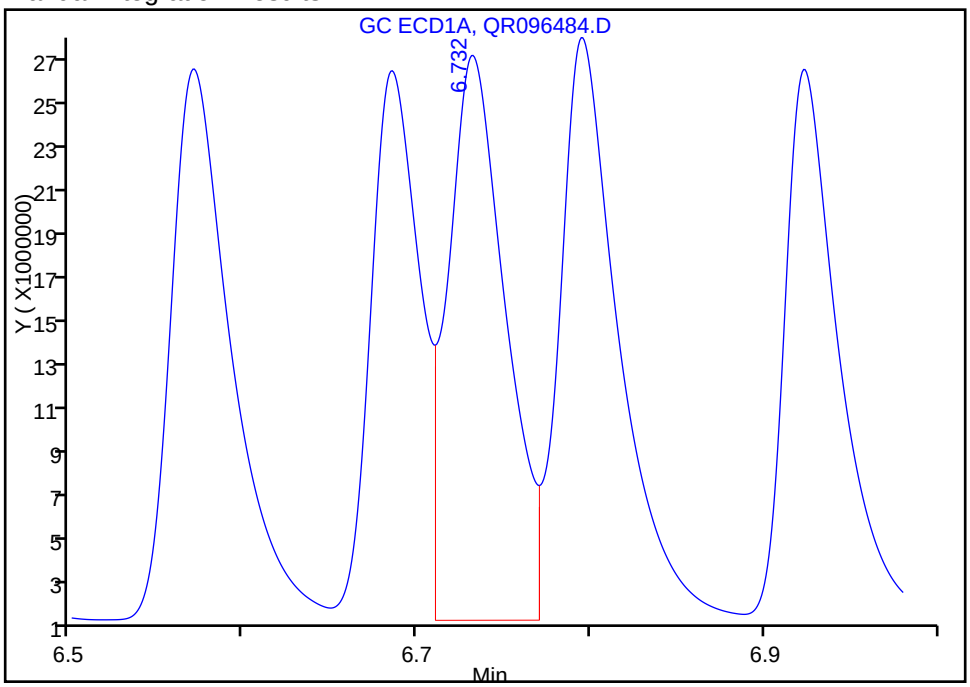
Processing Integration Results

RT: 6.73
Response: 52592895
Amount: 211.6146



Manual Integration Results

RT: 6.73
Response: 56123745
Amount: 225.8215



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

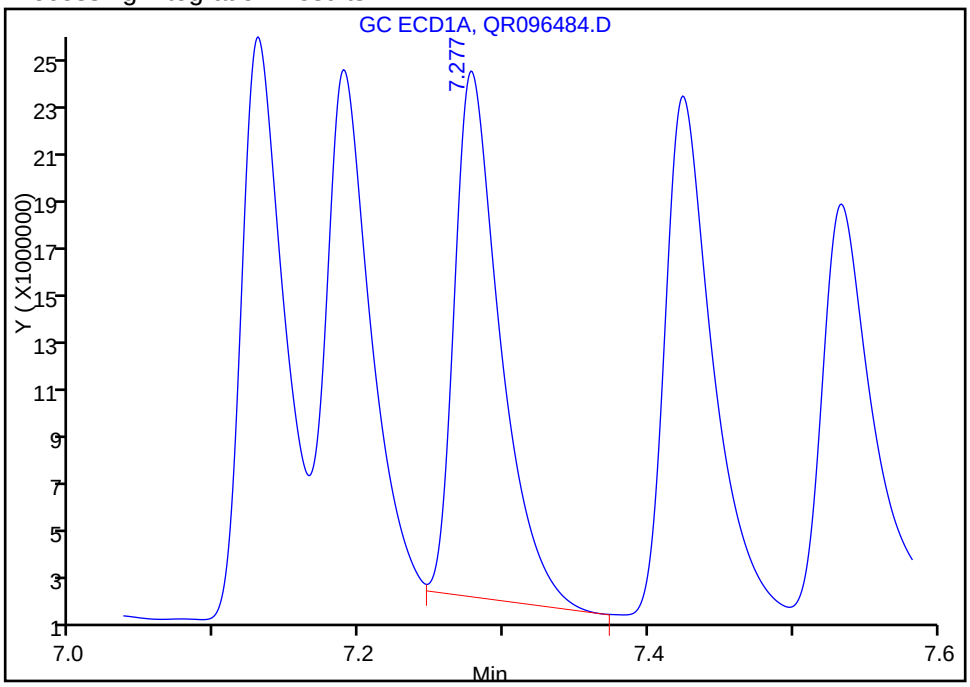
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.28, Det: GC ECD1A

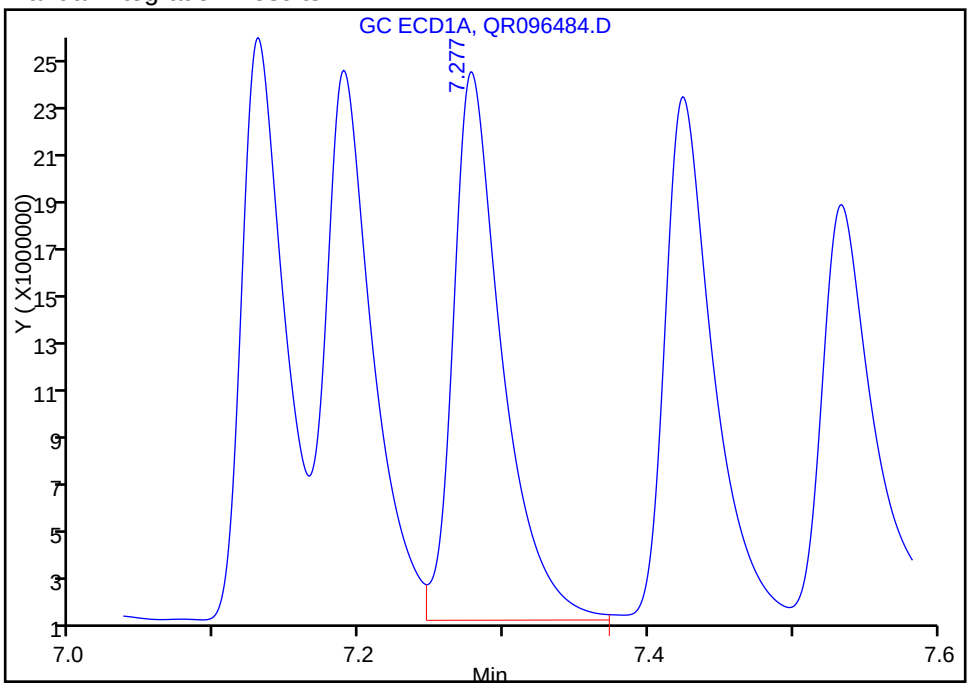
Processing Integration Results

RT: 7.28
Response: 46756264
Amount: 189.4731



Manual Integration Results

RT: 7.28
Response: 51951320
Amount: 210.5254



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

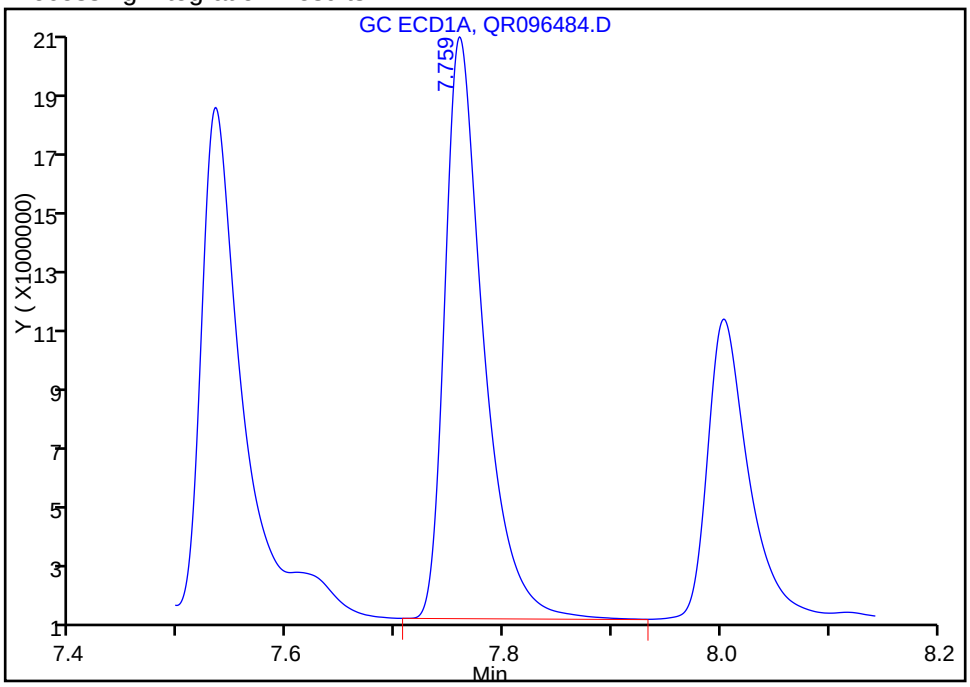
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

3 Endosulfan sulfate, Signal: 1, Type: quant, RT: 7.76, Det: GC ECD1A

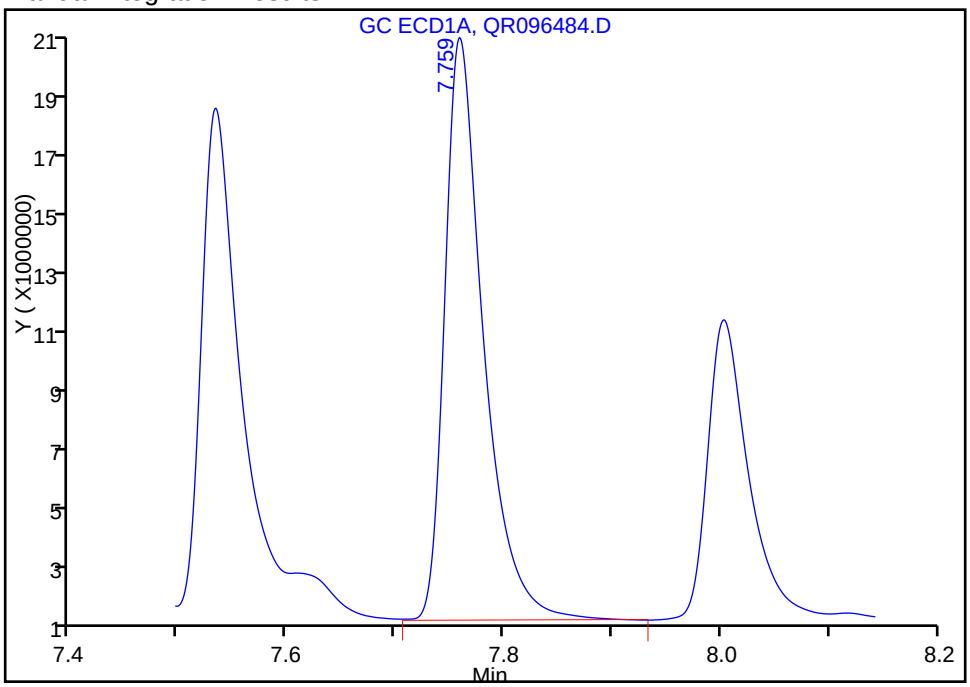
Processing Integration Results

RT: 7.76
Response: 47168744
Amount: 208.5017



Manual Integration Results

RT: 7.76
Response: 47217915
Amount: 208.7191



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

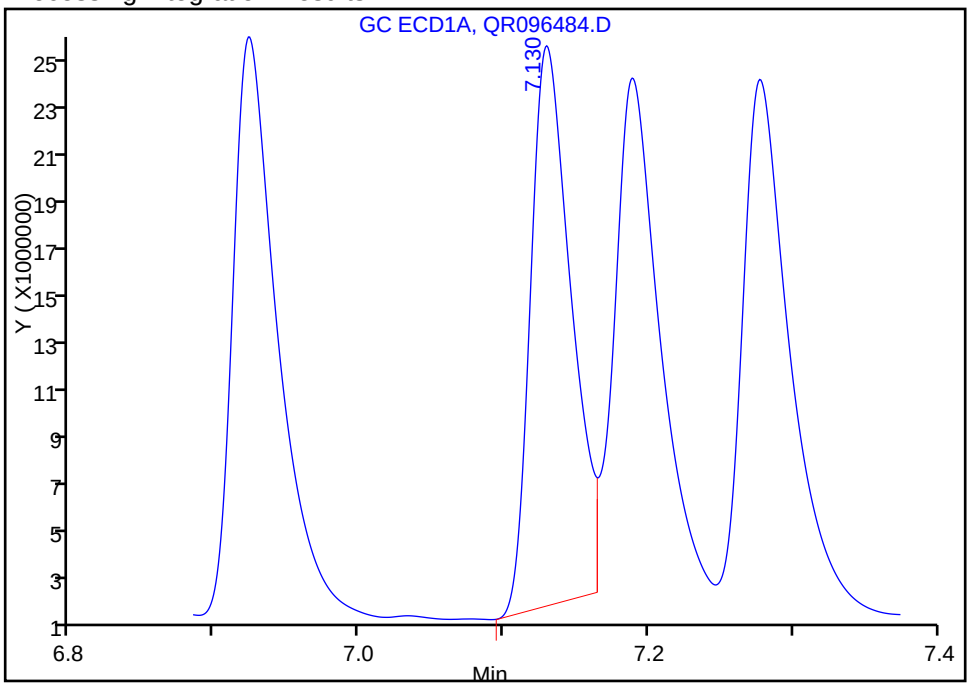
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 1, Type: quant, RT: 7.13, Det: GC ECD1A

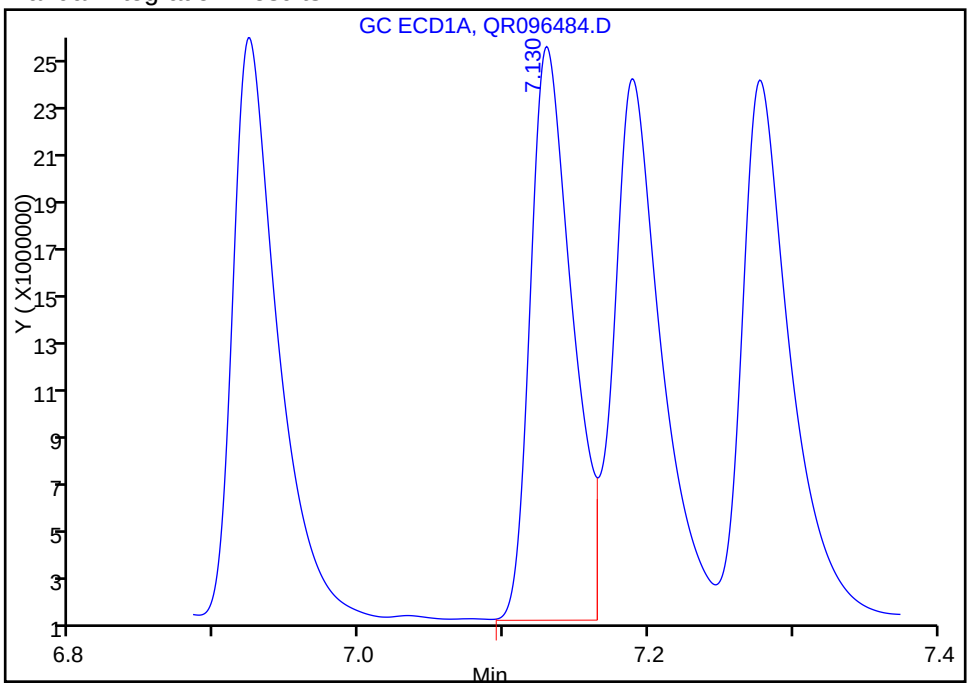
Processing Integration Results

RT: 7.13
Response: 44633549
Amount: 208.2163



Manual Integration Results

RT: 7.13
Response: 47113706
Amount: 219.7863



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Assigned New Baseline
Audit Reason: Baseline

Manual Integration/User Assign Peak Report

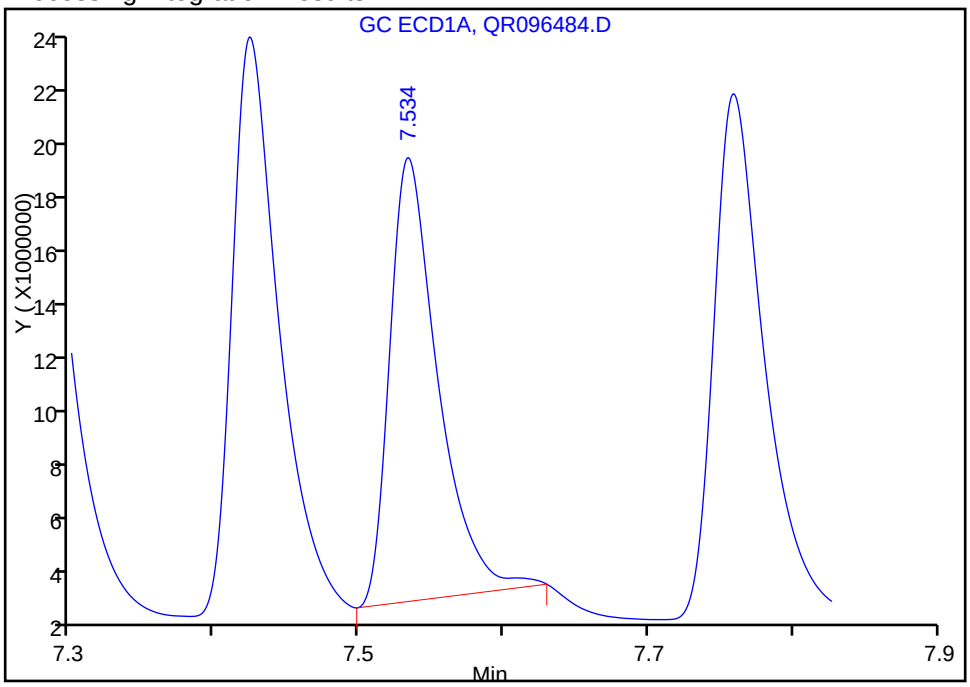
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 7.53, Det: GC ECD1A

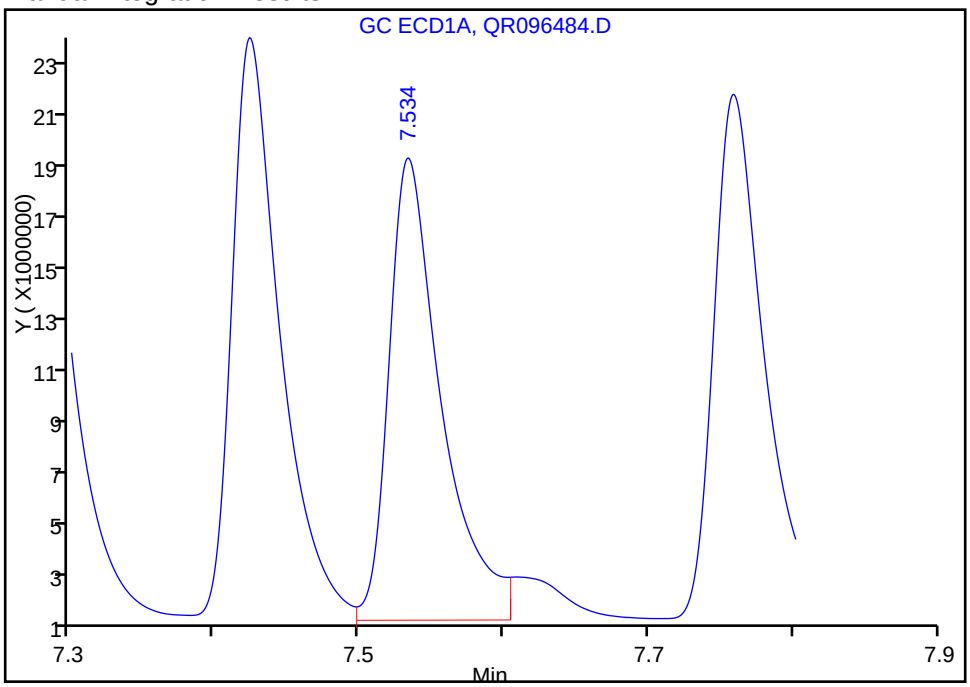
Processing Integration Results

RT: 7.53
Response: 37180232
Amount: 188.0848



Manual Integration Results

RT: 7.53
Response: 42076695
Amount: 212.8547



Reviewer: foleysont, 12-Aug-2013 09:41:46
Audit Action: Split an Integrated Peak
Audit Reason: Baseline

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-175267/2-A

Matrix: Water | Lab File ID: QR096484.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/09/2013 07:43

Sample wt/vol: 125(mL) | Date Analyzed: 08/11/2013 14:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175563 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.69		0.050	0.038
319-84-6	alpha-BHC	1.62		0.050	0.036
319-85-7	beta-BHC	1.67		0.050	0.037
319-86-8	delta-BHC	1.50		0.050	0.033
58-89-9	gamma-BHC (Lindane)	1.67		0.050	0.035
72-54-8	4,4'-DDD	1.83		0.050	0.036
72-55-9	4,4'-DDE	1.78		0.050	0.035
50-29-3	4,4'-DDT	1.76		0.050	0.036
60-57-1	Dieldrin	1.61		0.050	0.033
959-98-8	Endosulfan I	1.77		0.050	0.034
33213-65-9	Endosulfan II	1.68		0.050	0.035
1031-07-8	Endosulfan sulfate	1.64		0.050	0.037
72-20-8	Endrin	1.73		0.050	0.034
7421-93-4	Endrin aldehyde	1.66		0.050	0.035
53494-70-5	Endrin ketone	1.70		0.050	0.037
76-44-8	Heptachlor	1.77		0.050	0.037
1024-57-3	Heptachlor epoxide	1.71		0.050	0.035
72-43-5	Methoxychlor	1.72		0.050	0.045

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	105		49-132
2051-24-3	DCB Decachlorobiphenyl	77		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Lims ID:	LCS 460-175267/2-A	Client ID:	
Inject. Date:	11-Aug-2013 14:47:24	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	460-0003431-010		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	175563	Lims Sample ID:	10
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		

Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:41:46

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.261	0.001	28977151	104.5	
2	1.797	1.798	-0.001	45625450	104.6	
					RPD = 0.09	
15 alpha-BHC						
1	3.276	3.274	0.002	76063771	226.8	
2	2.287	2.287	0.0	110608510	202.8	
					RPD = 11.14	
2 gamma-BHC (Lindane)						
1	3.978	3.976	0.002	71274229	226.7	
2	2.673	2.674	-0.001	103874993	209.2	
					RPD = 8.03	
6 beta-BHC						
1	4.131	4.129	0.002	37031054	215.6	
2	2.810	2.811	-0.001	52895273	208.1	
					RPD = 3.53	
32 delta-BHC						
1	4.710	4.709	0.001	58463576	191.3	
2	3.125	3.126	-0.001	89974029	187.0	
					RPD = 2.26	
18 Heptachlor						
1	4.842	4.841	0.001	58006884	229.2	
2	3.492	3.493	-0.001	86787436	220.8	
					RPD = 3.74	
8 Aldrin						
1	5.508	5.507	0.001	65128903	219.7	
2	4.023	4.024	-0.001	92423958	211.7	
					RPD = 3.68	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.407	6.407	0.0	58331260	218.0	
2	5.113	5.114	-0.001	88291474	213.2	
					RPD = 2.23	
9 gamma-Chlordane						M
1	6.571	6.570	0.001	58081535	219.8	M
2	5.347	5.349	-0.002	88942834	209.8	
					RPD = 4.69	
23 alpha-Chlordane						M
1	6.685	6.685	0.0	46797162	218.7	M
2	5.604	5.607	-0.003	86527010	213.6	
					RPD = 2.36	
7 Endosulfan I						M
1	6.732	6.732	0.0	56123745	225.8	M
2	5.877	5.879	-0.002	84205646	220.7	
					RPD = 2.28	
25 4,4'-DDE						M
1	6.795	6.795	0.0	59971350	229.6	M
2	5.761	5.764	-0.003	81330636	222.6	
					RPD = 3.07	
30 Dieldrin						M
1	6.923	6.923	0.0	52113648	205.4	M
2	6.223	6.224	-0.001	75505304	201.7	
					RPD = 1.84	
20 Endrin						M
1	7.130	7.129	0.001	47113706	219.8	M
2	6.449	6.449	0.0	65694480	216.1	
					RPD = 1.71	
16 4,4'-DDD						M
1	7.189	7.189	0.0	50542721	232.5	M
2	6.505	6.505	0.0	72204844	228.7	
					RPD = 1.66	
11 Endosulfan II						M
1	7.277	7.278	-0.001	51951320	210.5	M
2	6.627	6.629	-0.002	68890668	209.6	
					RPD = 0.44	
21 4,4'-DDT						M
1	7.424	7.424	0.0	48985358	239.4	M
2	6.715	6.716	-0.001	72405688	219.7	
					RPD = 8.57	
5 Endrin aldehyde						M
1	7.534	7.534	0.0	42076695	212.9	M
2	6.914	6.914	0.0	61322931	206.9	
					RPD = 2.82	
3 Endosulfan sulfate						M
1	7.759	7.759	0.0	47217915	208.7	M
2	7.195	7.196	-0.001	70115920	205.5	
					RPD = 1.56	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.003	8.003	0.0	26093775	226.1	
2	7.037	7.037	0.0	40295776	215.3	
					RPD = 4.93	
13 Endrin ketone						
1	8.241	8.241	0.0	52489305	231.9	
2	7.392	7.394	-0.002	76525663	211.9	
					RPD = 9.02	
$ 24 DCB Decachlorobiphenyl						
1	9.476	9.478	-0.002	19732461	79.7	
2	8.234	8.234	0.0	29612369	76.9	
					RPD = 3.67	

QC Flag Legend

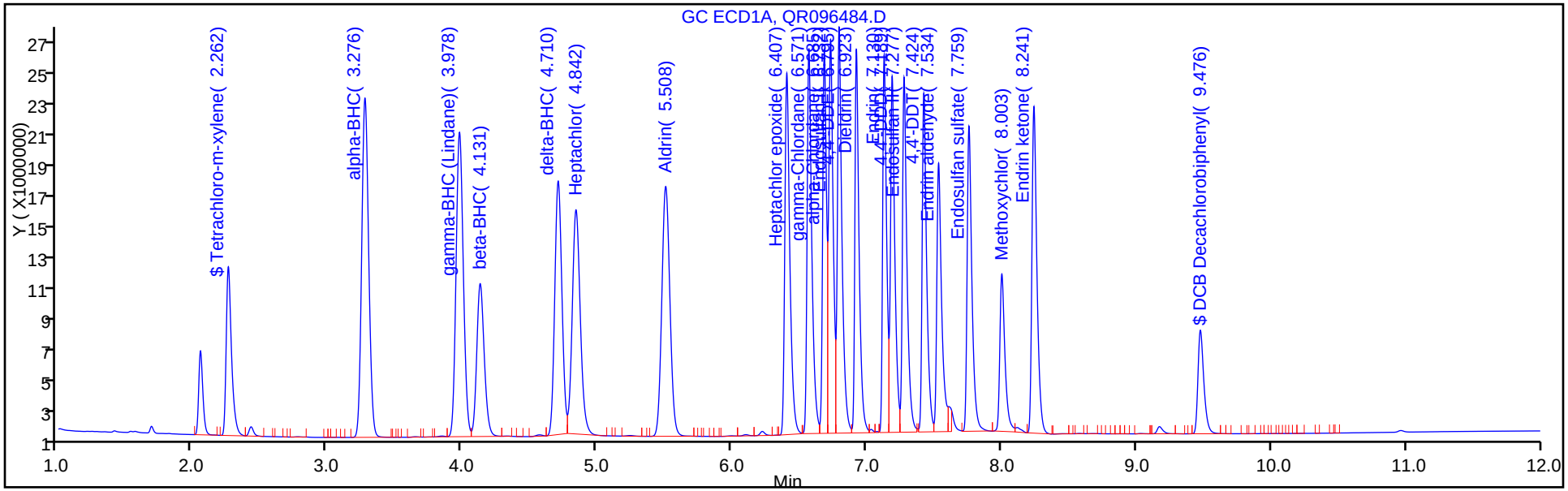
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:22:48 Chrom Revision: 2.1 25-Jul-2013 20:19:50

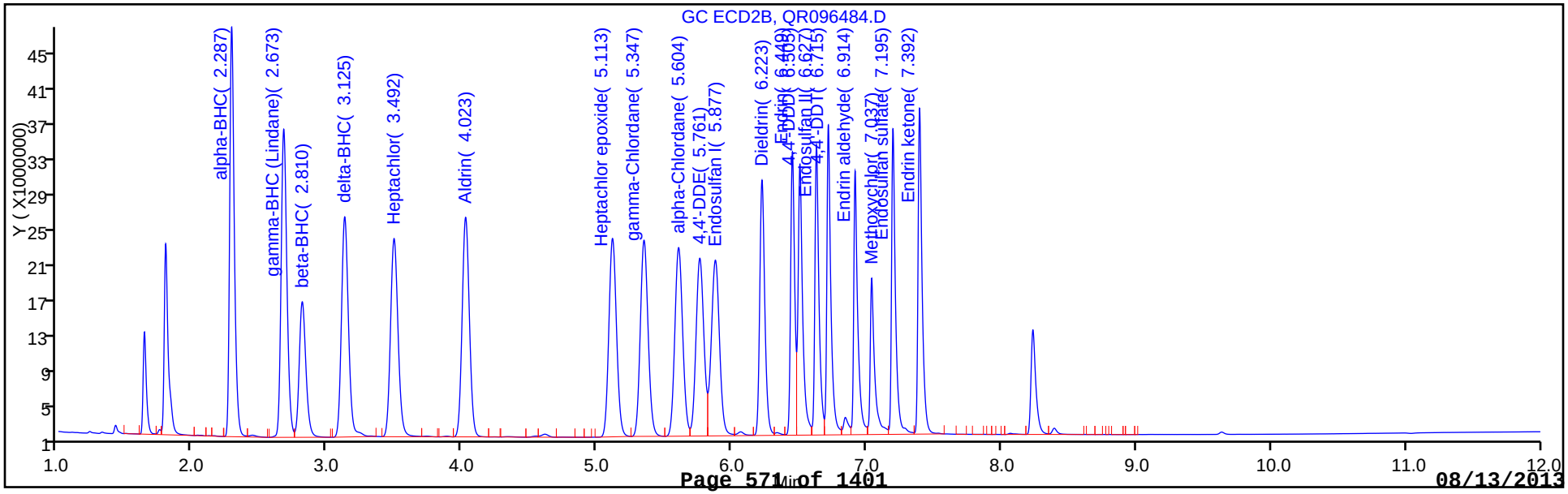
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096484.D		
Injection Date:	11-Aug-2013 14:47:24	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	10
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-175267/3-A

Matrix: Water | Lab File ID: QR096485.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/09/2013 07:43

Sample wt/vol: 125(mL) | Date Analyzed: 08/11/2013 15:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175563 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.80		0.050	0.038
319-84-6	alpha-BHC	1.86		0.050	0.036
319-85-7	beta-BHC	1.77		0.050	0.037
319-86-8	delta-BHC	1.60		0.050	0.033
58-89-9	gamma-BHC (Lindane)	1.87		0.050	0.035
72-54-8	4,4'-DDD	1.90		0.050	0.036
72-55-9	4,4'-DDE	1.87		0.050	0.035
50-29-3	4,4'-DDT	1.96		0.050	0.036
60-57-1	Dieldrin	1.67		0.050	0.033
959-98-8	Endosulfan I	1.84		0.050	0.034
33213-65-9	*Endosulfan II*	*1.72*		*0.050*	*0.035*
1031-07-8	Endosulfan sulfate	1.71		0.050	0.037
72-20-8	Endrin	1.78		0.050	0.034
7421-93-4	Endrin aldehyde	1.75		0.050	0.035
53494-70-5	Endrin ketone	1.93		0.050	0.037
76-44-8	Heptachlor	1.94		0.050	0.037
1024-57-3	Heptachlor epoxide	1.78		0.050	0.035
72-43-5	Methoxychlor	1.86		0.050	0.045

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	107		49-132
2051-24-3	DCB Decachlorobiphenyl	82		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Lims ID:	LCSD 460-175267/3-A	Client ID:	
Inject. Date:	11-Aug-2013 15:02:22	Dil. Factor:	1.0000
Sample Type:	LCSD		
Sample ID:	460-0003431-011		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	175563	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:42:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.261	0.001	29724878	107.2	
2	1.802	1.798	0.004	46905690	107.5	
					RPD = 0.31	
15 alpha-BHC						
1	3.274	3.274	0.0	78164258	233.0	
2	2.292	2.287	0.005	113942228	209.0	
					RPD = 10.90	
2 gamma-BHC (Lindane)						
1	3.973	3.976	-0.003	73506004	233.8	
2	2.680	2.674	0.006	107049773	215.6	
					RPD = 8.10	
6 beta-BHC						
1	4.126	4.129	-0.003	37937446	220.9	
2	2.818	2.811	0.007	54454581	214.3	
					RPD = 3.04	
32 delta-BHC						
1	4.704	4.709	-0.005	61195712	200.3	
2	3.133	3.126	0.007	93083672	193.5	
					RPD = 3.43	
18 Heptachlor						
1	4.836	4.841	-0.005	61311880	242.3	
2	3.499	3.493	0.006	90002752	229.0	
					RPD = 5.65	
8 Aldrin						
1	5.500	5.507	-0.007	66860947	225.5	
2	4.028	4.024	0.004	95396988	218.5	
					RPD = 3.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.403	6.407	-0.004	59590545	222.7	
2	5.115	5.114	0.001	90982326	219.7	
					RPD = 1.36	
9 gamma-Chlordane						M
1	6.567	6.570	-0.003	58833580	222.7	M
2	5.348	5.349	-0.001	91682317	216.2	
					RPD = 2.94	
23 alpha-Chlordane						M
1	6.682	6.685	-0.003	47360471	221.3	M
2	5.605	5.607	-0.002	89228168	220.3	
					RPD = 0.48	
7 Endosulfan I						M
1	6.729	6.732	-0.003	57275844	230.5	M
2	5.876	5.879	-0.003	86709460	227.3	
					RPD = 1.38	
25 4,4'-DDE						M
1	6.792	6.795	-0.003	61170153	234.2	M
2	5.760	5.764	-0.004	84030709	230.0	
					RPD = 1.78	
30 Dieldrin						M
1	6.920	6.923	-0.003	53010274	208.9	M
2	6.222	6.224	-0.002	78055415	208.5	
					RPD = 0.22	
20 Endrin						M
1	7.127	7.129	-0.002	47693090	222.5	M
2	6.448	6.449	-0.001	66968336	220.3	
					RPD = 1.01	
16 4,4'-DDD						M
1	7.186	7.189	-0.003	51587903	237.3	M
2	6.504	6.505	-0.001	74367885	235.5	
					RPD = 0.75	
11 Endosulfan II						M
1	7.275	7.278	-0.003	52941713	214.5	M
2	6.626	6.629	-0.003	71009117	216.0	
					RPD = 0.70	
21 4,4'-DDT						M
1	7.421	7.424	-0.003	50164420	245.2	M
2	6.715	6.716	-0.001	74606064	226.4	
					RPD = 7.95	
5 Endrin aldehyde						M
1	7.530	7.534	-0.004	43263224	218.9	M
2	6.913	6.914	-0.001	63497757	214.3	
					RPD = 2.12	
3 Endosulfan sulfate						
1	7.756	7.759	-0.003	48493244	214.4	
2	7.195	7.196	-0.001	72499388	212.5	
					RPD = 0.89	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.000	8.003	-0.003	26795369	232.2	
2	7.036	7.037	-0.001	41606019	222.3	
					RPD = 4.39	
13 Endrin ketone						
1	8.238	8.241	-0.003	54617087	241.3	
2	7.392	7.394	-0.002	79120226	219.1	
					RPD = 9.65	
$ 24 DCB Decachlorobiphenyl						
1	9.475	9.478	-0.003	20263150	81.9	
2	8.233	8.234	-0.001	30452006	79.0	
					RPD = 3.52	

QC Flag Legend

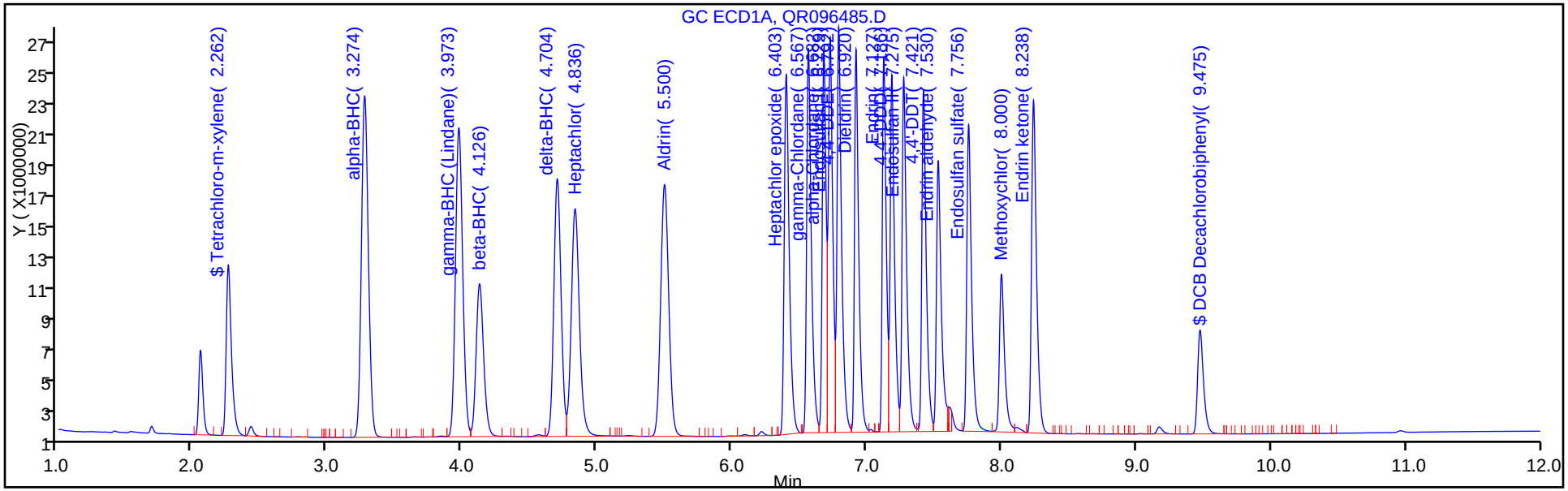
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:22:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



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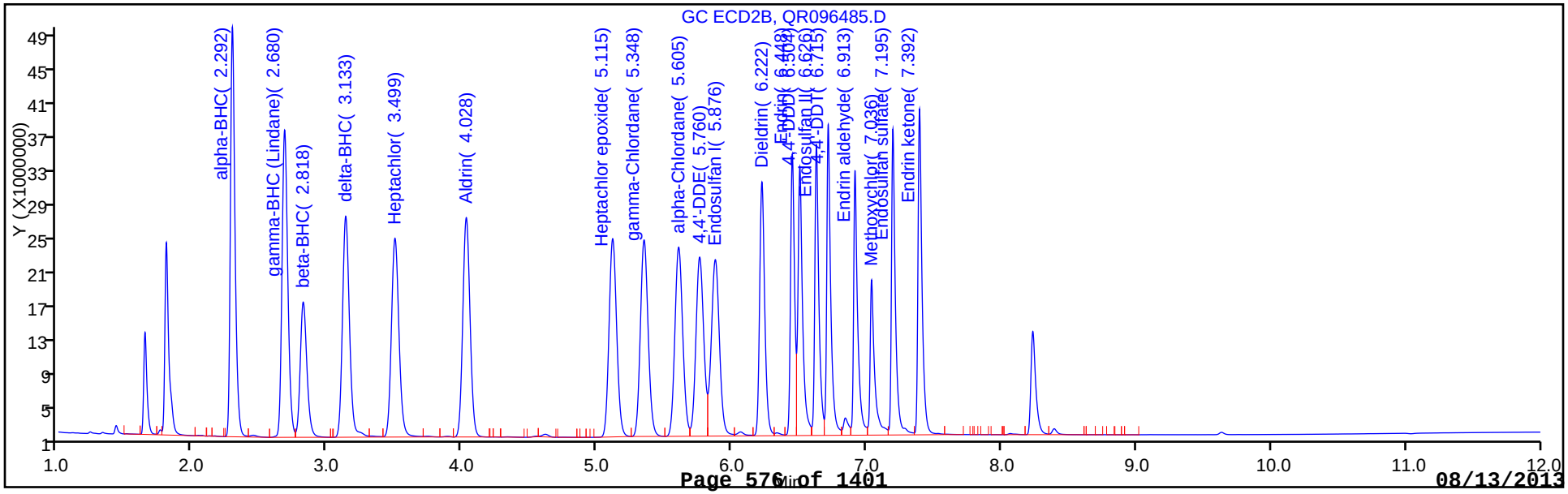


Manual Integration/User Assign Peak Report

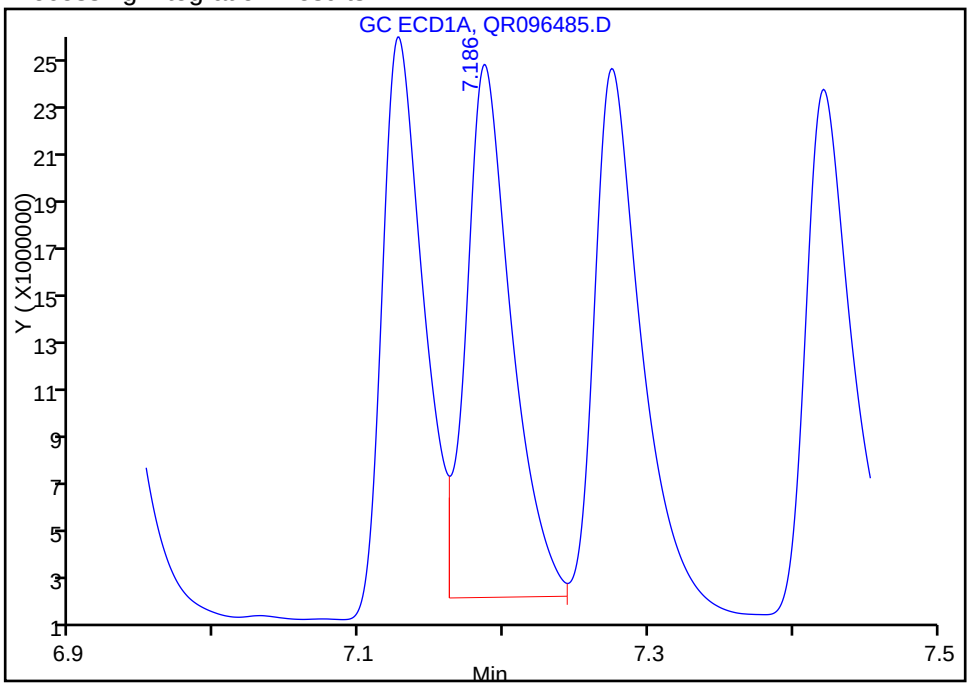
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

16 4,4'-DDD, Signal: 1, Type: quant, RT: 7.19, Det: GC ECD1A

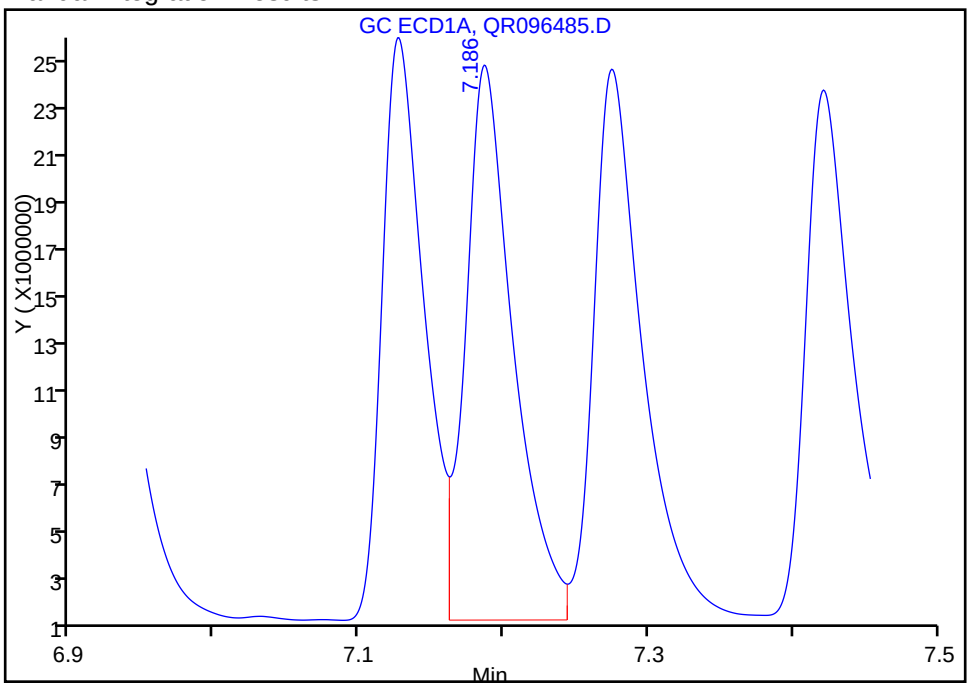
Processing Integration Results

RT: 7.19
Response: 47146393
Amount: 216.8656



Manual Integration Results

RT: 7.19
Response: 51587903
Amount: 237.2958



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Report Date: 12-Aug-2013 10:22:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

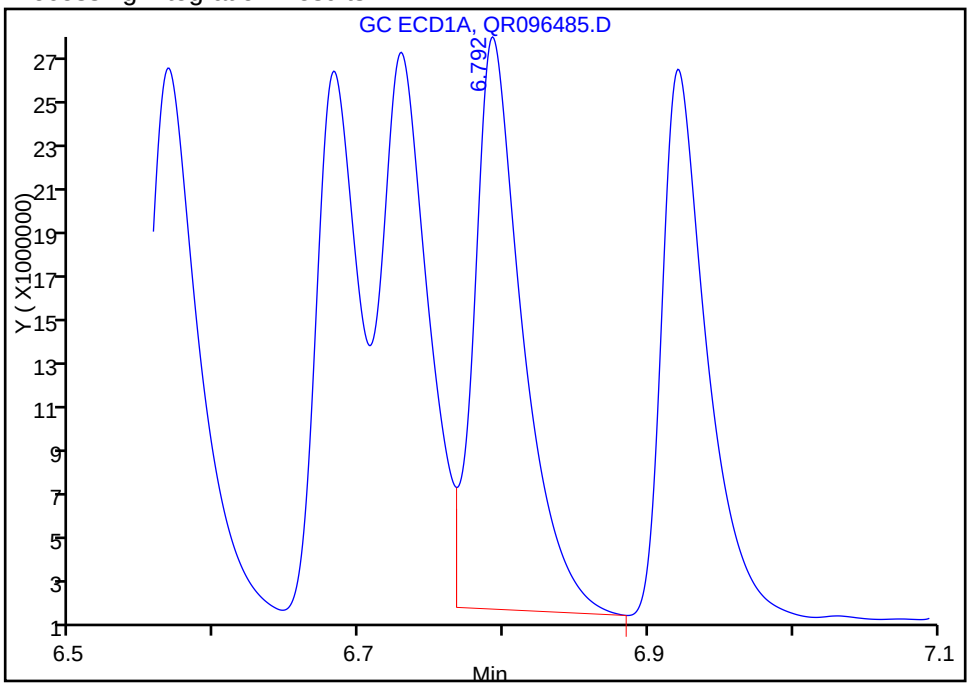
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

25 4,4'-DDE, Signal: 1, Type: quant, RT: 6.80, Det: GC ECD1A

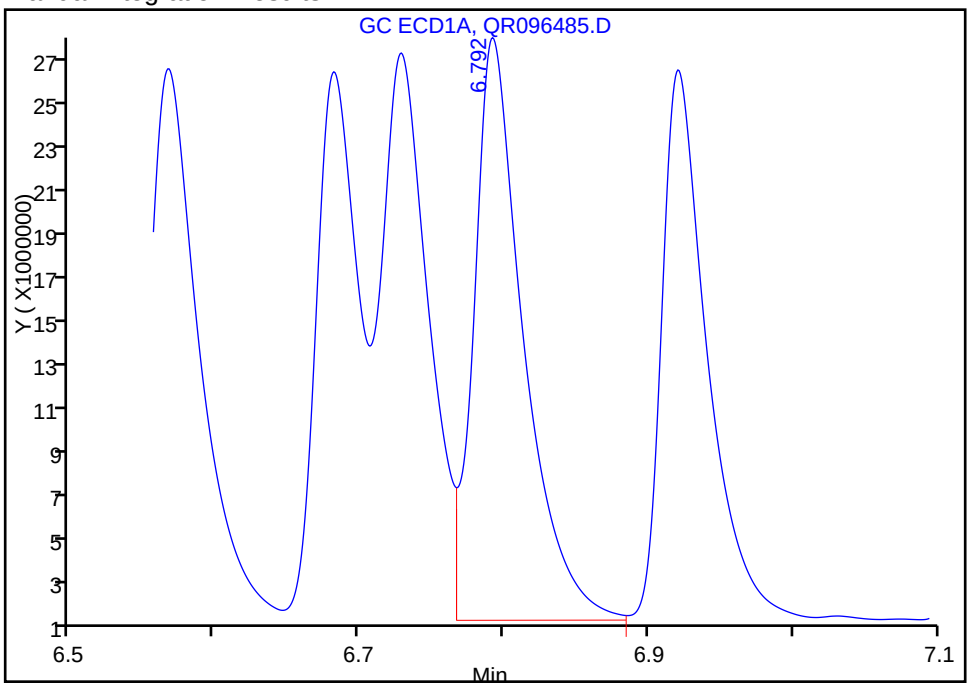
Processing Integration Results

RT: 6.79
Response: 58472601
Amount: 223.8489



Manual Integration Results

RT: 6.79
Response: 61170153
Amount: 234.1759



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

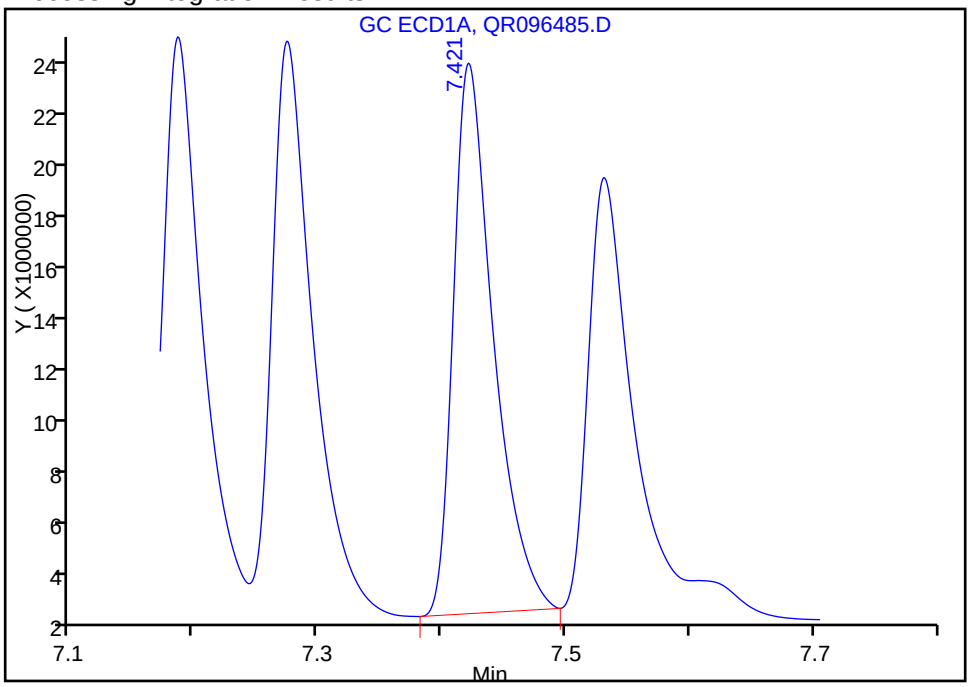
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

21 4,4'-DDT, Signal: 1, Type: quant, RT: 7.42, Det: GC ECD1A

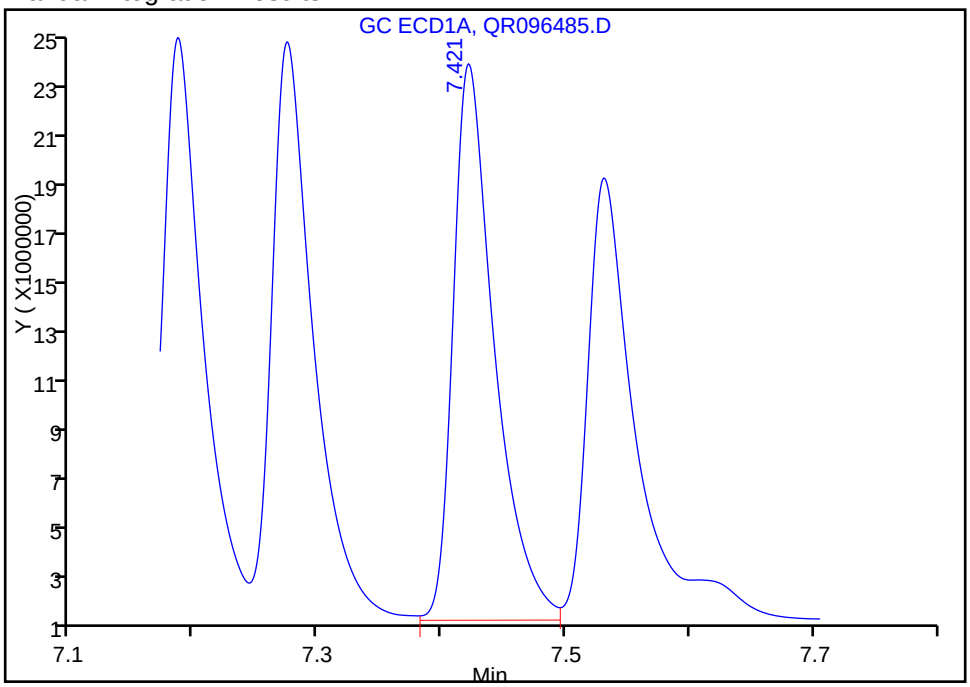
Processing Integration Results

RT: 7.42
Response: 47948334
Amount: 234.3363



Manual Integration Results

RT: 7.42
Response: 50164420
Amount: 245.1669



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Report Date: 12-Aug-2013 10:22:49 Chrom Revision: 2.1 25-Jul-2013 20:19:50

Manual Integration/User Assign Peak Report

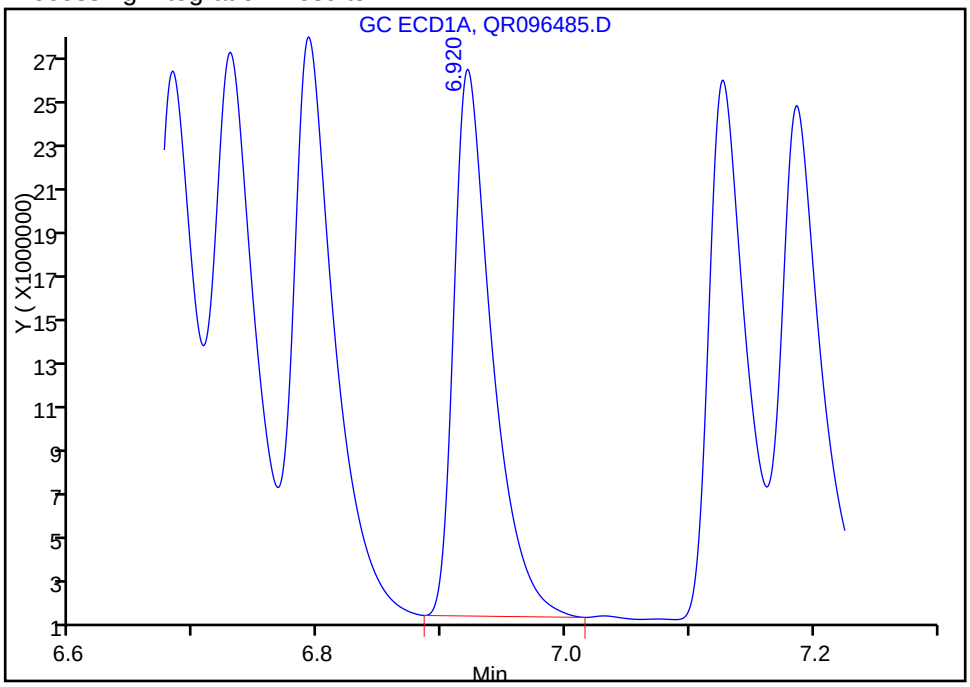
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

30 Dieldrin, Signal: 1, Type: quant, RT: 6.92, Det: GC ECD1A

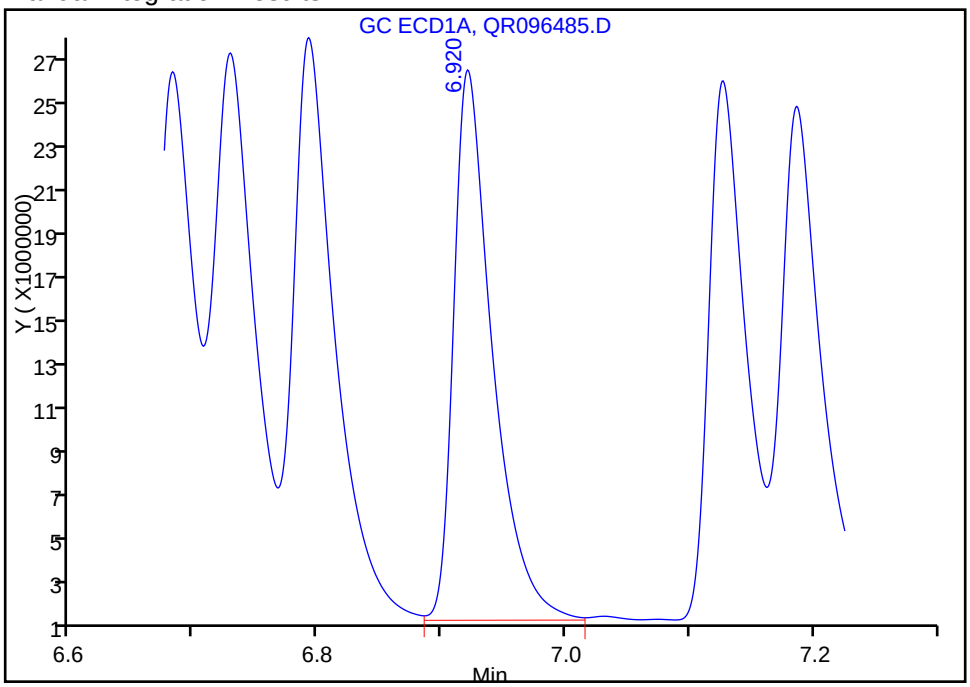
Processing Integration Results

RT: 6.92
Response: 51841316
Amount: 204.3219



Manual Integration Results

RT: 6.92
Response: 53010274
Amount: 208.9291



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

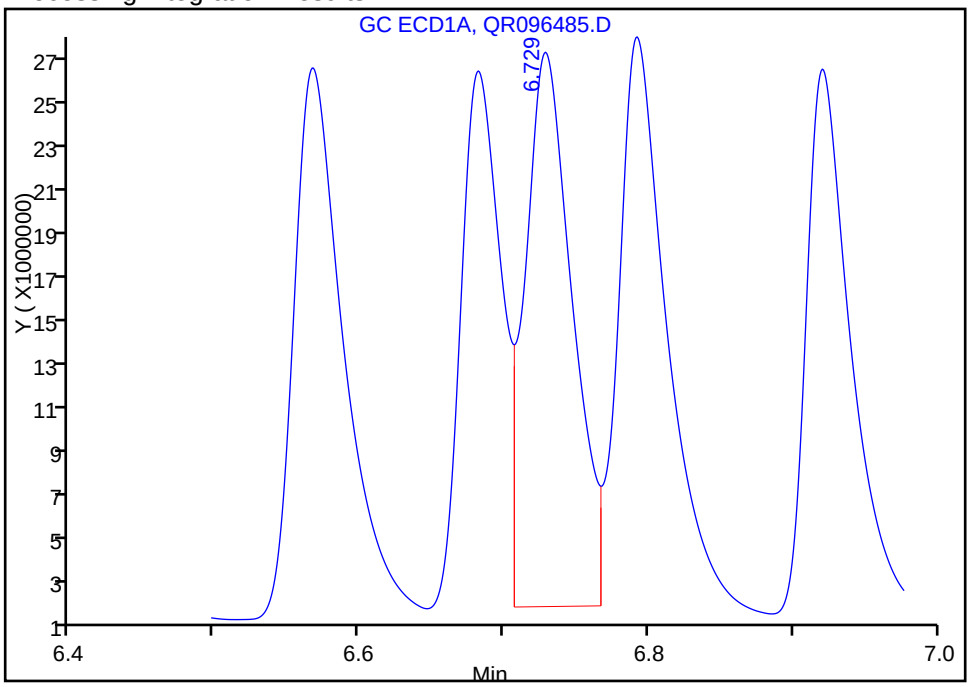
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

7 Endosulfan I, Signal: 1, Type: quant, RT: 6.73, Det: GC ECD1A

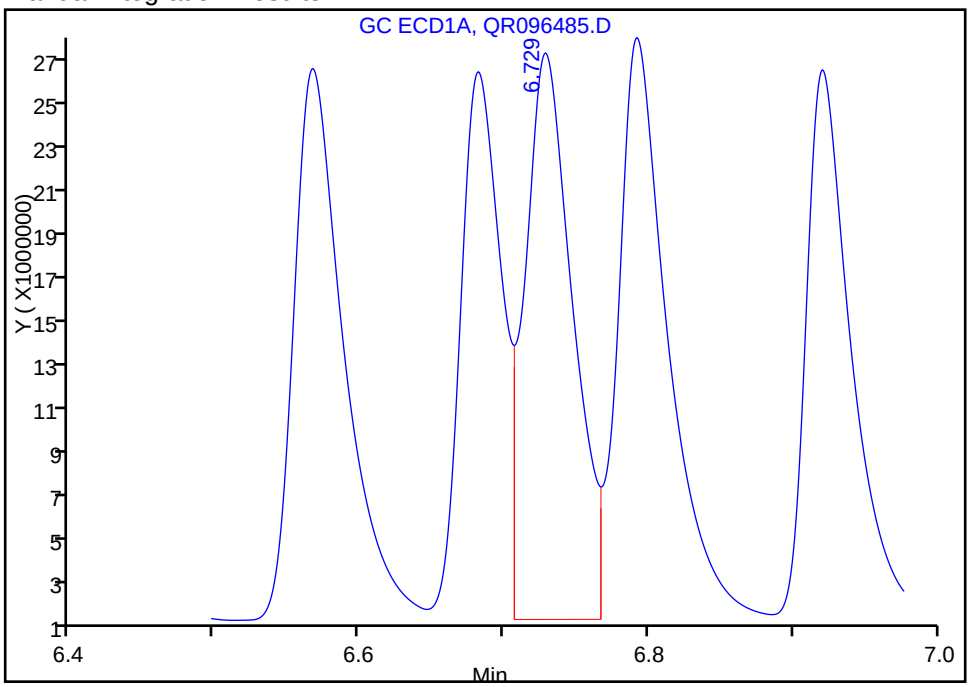
Processing Integration Results

RT: 6.73
Response: 55320446
Amount: 222.5893



Manual Integration Results

RT: 6.73
Response: 57275844
Amount: 230.4571



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

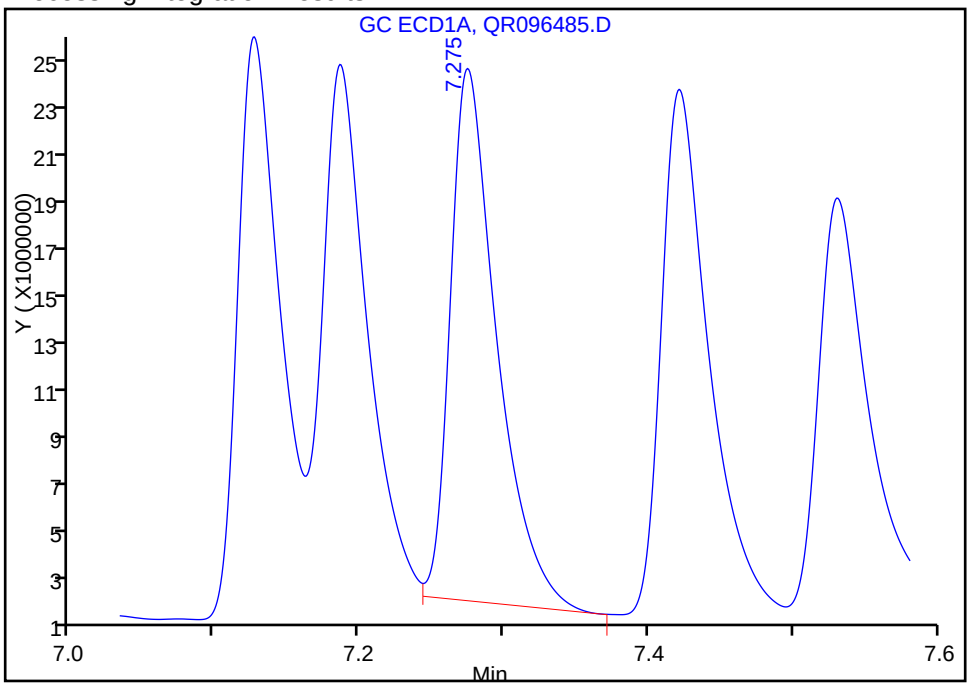
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

11 Endosulfan II, Signal: 1, Type: quant, RT: 7.28, Det: GC ECD1A

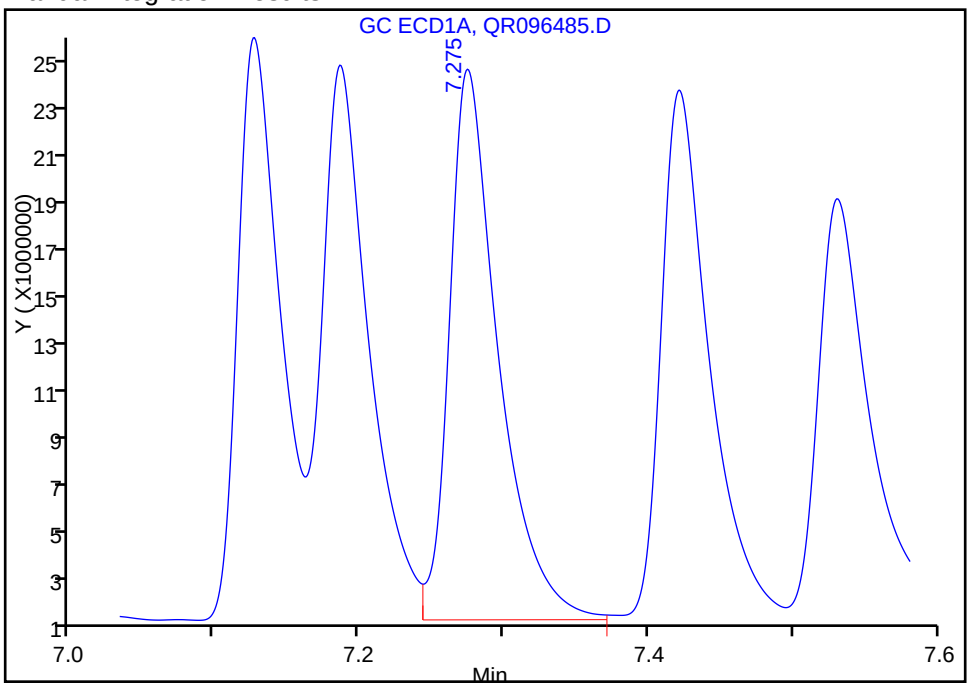
Processing Integration Results

RT: 7.27
Response: 48686855
Amount: 197.2966



Manual Integration Results

RT: 7.27
Response: 52941713
Amount: 214.5388



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

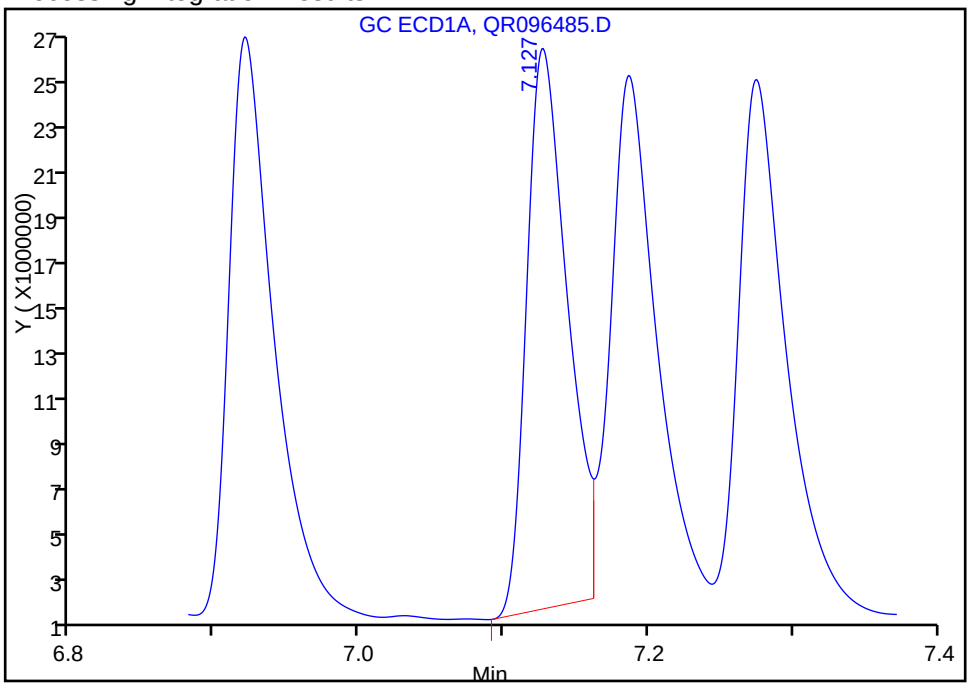
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

20 Endrin, Signal: 1, Type: quant, RT: 7.13, Det: GC ECD1A

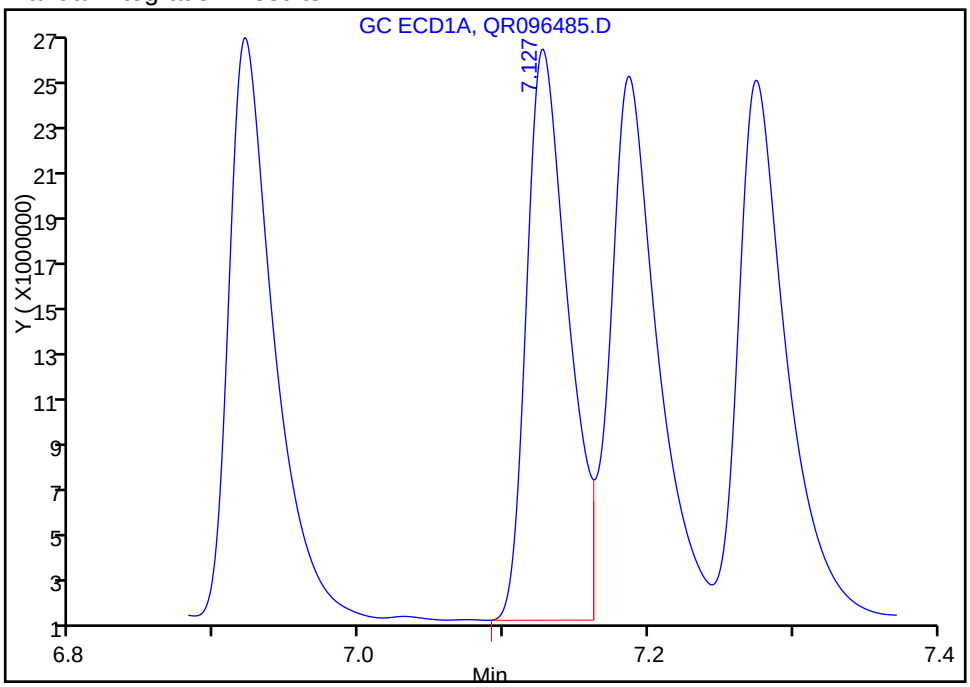
Processing Integration Results

RT: 7.13
Response: 45839592
Amount: 213.8426



Manual Integration Results

RT: 7.13
Response: 47693090
Amount: 222.4892



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Assigned New Baseline
Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

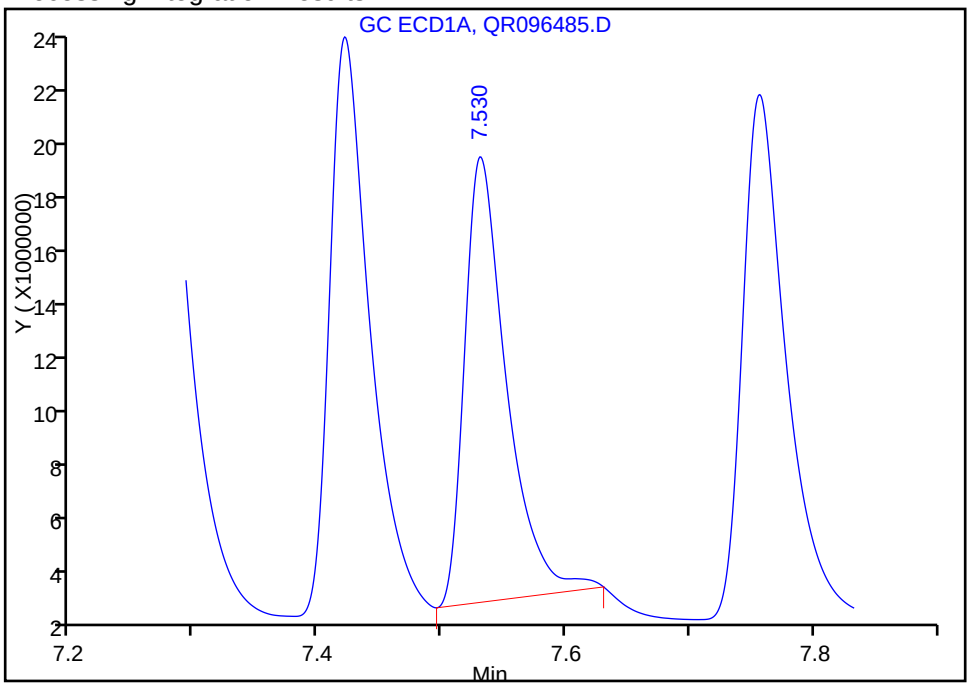
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

5 Endrin aldehyde, Signal: 1, Type: quant, RT: 7.53, Det: GC ECD1A

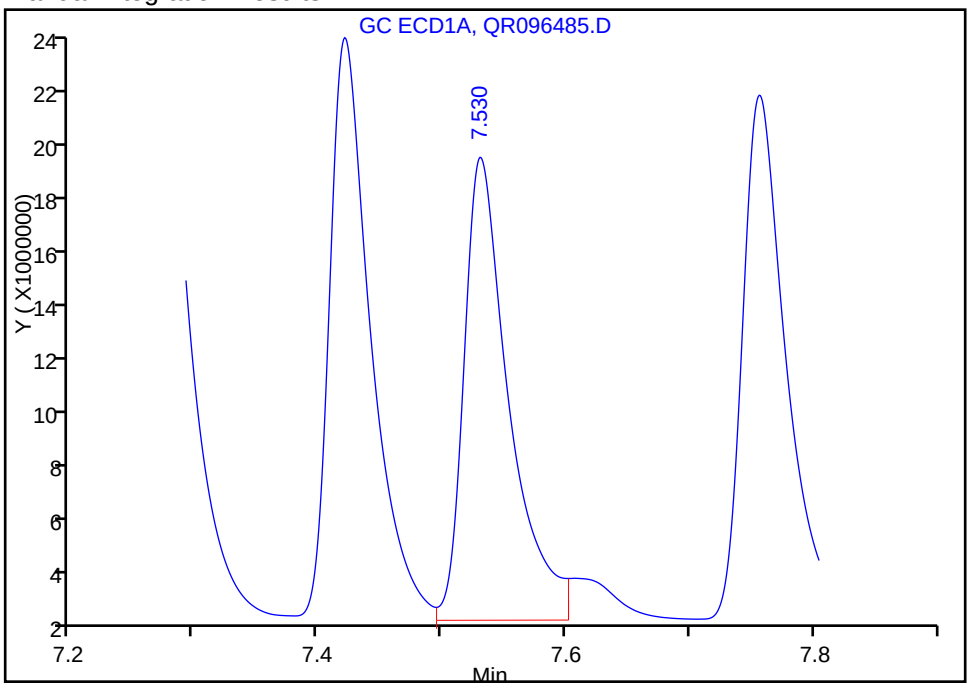
Processing Integration Results

RT: 7.53
Response: 38817815
Amount: 196.3689



Manual Integration Results

RT: 7.53
Response: 43263224
Amount: 218.8570



Reviewer: foleysont, 12-Aug-2013 09:42:11
Audit Action: Split an Integrated Peak
Audit Reason: Incomplete Integration

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-60690-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-175267/3-A

Matrix: Water | Lab File ID: QR096485.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3510C | Date Extracted: 08/09/2013 07:43

Sample wt/vol: 125(mL) | Date Analyzed: 08/11/2013 15:02

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 175563 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
309-00-2	Aldrin	1.75		0.050	0.038
319-84-6	alpha-BHC	1.67		0.050	0.036
319-85-7	beta-BHC	1.71		0.050	0.037
319-86-8	delta-BHC	1.55		0.050	0.033
58-89-9	gamma-BHC (Lindane)	1.72		0.050	0.035
72-54-8	4,4'-DDD	1.88		0.050	0.036
72-55-9	4,4'-DDE	1.84		0.050	0.035
50-29-3	4,4'-DDT	1.81		0.050	0.036
60-57-1	Dieldrin	1.67		0.050	0.033
959-98-8	Endosulfan I	1.82		0.050	0.034
33213-65-9	Endosulfan II	1.73		0.050	0.035
1031-07-8	Endosulfan sulfate	1.70		0.050	0.037
72-20-8	Endrin	1.76		0.050	0.034
7421-93-4	Endrin aldehyde	1.71		0.050	0.035
53494-70-5	Endrin ketone	1.75		0.050	0.037
76-44-8	Heptachlor	1.83		0.050	0.037
1024-57-3	Heptachlor epoxide	1.76		0.050	0.035
72-43-5	Methoxychlor	1.78		0.050	0.045

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	108		49-132
2051-24-3	DCB Decachlorobiphenyl	79		37-144

TestAmerica Edison
Target Compound Quantitation Report

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Lims ID:	LCSD 460-175267/3-A	Client ID:	
Inject. Date:	11-Aug-2013 15:02:22	Dil. Factor:	1.0000
Sample Type:	LCSD		
Sample ID:	460-0003431-011		
Misc. Info.:			
Operator:		Instrument ID:	CPESTGC8
Injection Vol:	1.0 ul	ALS Bottle#:	22
Lims Batch ID:	175563	Lims Sample ID:	11
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\GC8_8081_LVI.m		
Last Update:	12-Aug-2013 10:22:40	Calib Date:	11-Aug-2013 11:53:45
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3430.b\QR096473.D		
Limit Group:	GC 8081A PEST		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK023		

First Level Reviewer: foleysont Date: 12-Aug-2013 09:42:11

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
$ 4 Tetrachloro-m-xylene						
1	2.262	2.261	0.001	29724878	107.2	
2	1.802	1.798	0.004	46905690	107.5	
					RPD = 0.31	
15 alpha-BHC						
1	3.274	3.274	0.0	78164258	233.0	
2	2.292	2.287	0.005	113942228	209.0	
					RPD = 10.90	
2 gamma-BHC (Lindane)						
1	3.973	3.976	-0.003	73506004	233.8	
2	2.680	2.674	0.006	107049773	215.6	
					RPD = 8.10	
6 beta-BHC						
1	4.126	4.129	-0.003	37937446	220.9	
2	2.818	2.811	0.007	54454581	214.3	
					RPD = 3.04	
32 delta-BHC						
1	4.704	4.709	-0.005	61195712	200.3	
2	3.133	3.126	0.007	93083672	193.5	
					RPD = 3.43	
18 Heptachlor						
1	4.836	4.841	-0.005	61311880	242.3	
2	3.499	3.493	0.006	90002752	229.0	
					RPD = 5.65	
8 Aldrin						
1	5.500	5.507	-0.007	66860947	225.5	
2	4.028	4.024	0.004	95396988	218.5	
					RPD = 3.14	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
12 Heptachlor epoxide						
1	6.403	6.407	-0.004	59590545	222.7	
2	5.115	5.114	0.001	90982326	219.7	
					RPD = 1.36	
9 gamma-Chlordane						M
1	6.567	6.570	-0.003	58833580	222.7	M
2	5.348	5.349	-0.001	91682317	216.2	
					RPD = 2.94	
23 alpha-Chlordane						M
1	6.682	6.685	-0.003	47360471	221.3	M
2	5.605	5.607	-0.002	89228168	220.3	
					RPD = 0.48	
7 Endosulfan I						M
1	6.729	6.732	-0.003	57275844	230.5	M
2	5.876	5.879	-0.003	86709460	227.3	
					RPD = 1.38	
25 4,4'-DDE						M
1	6.792	6.795	-0.003	61170153	234.2	M
2	5.760	5.764	-0.004	84030709	230.0	
					RPD = 1.78	
30 Dieldrin						M
1	6.920	6.923	-0.003	53010274	208.9	M
2	6.222	6.224	-0.002	78055415	208.5	
					RPD = 0.22	
20 Endrin						M
1	7.127	7.129	-0.002	47693090	222.5	M
2	6.448	6.449	-0.001	66968336	220.3	
					RPD = 1.01	
16 4,4'-DDD						M
1	7.186	7.189	-0.003	51587903	237.3	M
2	6.504	6.505	-0.001	74367885	235.5	
					RPD = 0.75	
11 Endosulfan II						M
1	7.275	7.278	-0.003	52941713	214.5	M
2	6.626	6.629	-0.003	71009117	216.0	
					RPD = 0.70	
21 4,4'-DDT						M
1	7.421	7.424	-0.003	50164420	245.2	M
2	6.715	6.716	-0.001	74606064	226.4	
					RPD = 7.95	
5 Endrin aldehyde						M
1	7.530	7.534	-0.004	43263224	218.9	M
2	6.913	6.914	-0.001	63497757	214.3	
					RPD = 2.12	
3 Endosulfan sulfate						
1	7.756	7.759	-0.003	48493244	214.4	
2	7.195	7.196	-0.001	72499388	212.5	
					RPD = 0.89	

Det	RT	EXP RT	DLT RT	Response	On-Col Amt ug/l	Flags
10 Methoxychlor						
1	8.000	8.003	-0.003	26795369	232.2	
2	7.036	7.037	-0.001	41606019	222.3	
					RPD = 4.39	
13 Endrin ketone						
1	8.238	8.241	-0.003	54617087	241.3	
2	7.392	7.394	-0.002	79120226	219.1	
					RPD = 9.65	
$ 24 DCB Decachlorobiphenyl						
1	9.475	9.478	-0.003	20263150	81.9	
2	8.233	8.234	-0.001	30452006	79.0	
					RPD = 3.52	

QC Flag Legend

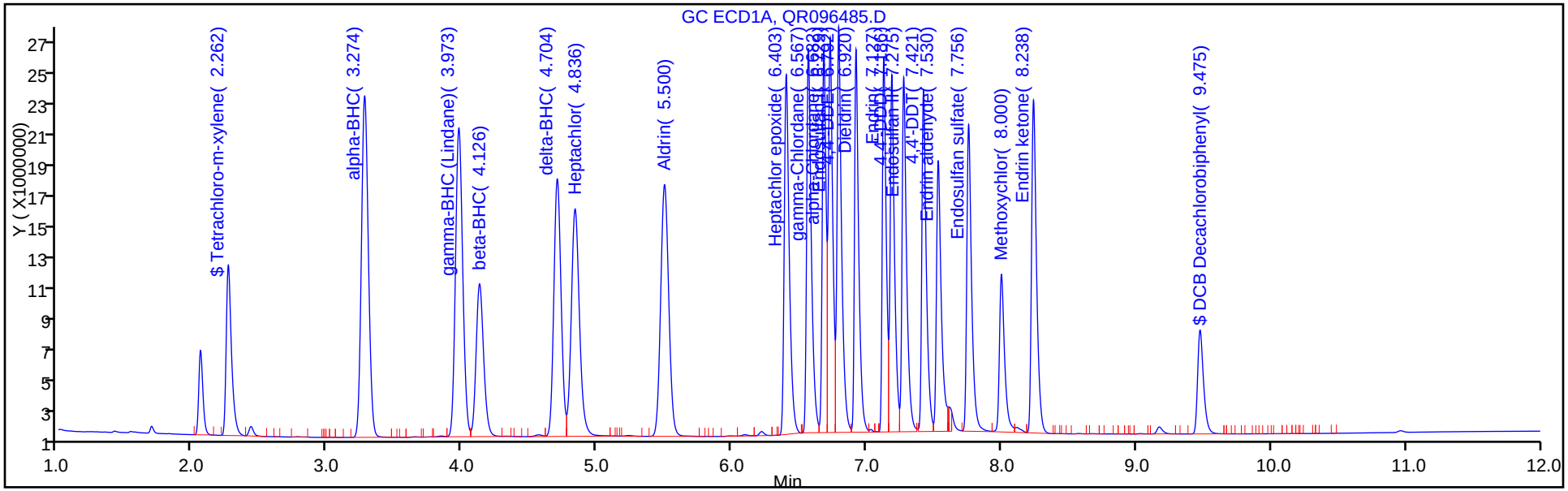
Review Flags
M - Manually Integrated

Report Date: 12-Aug-2013 10:22:50 Chrom Revision: 2.1 25-Jul-2013 20:19:50

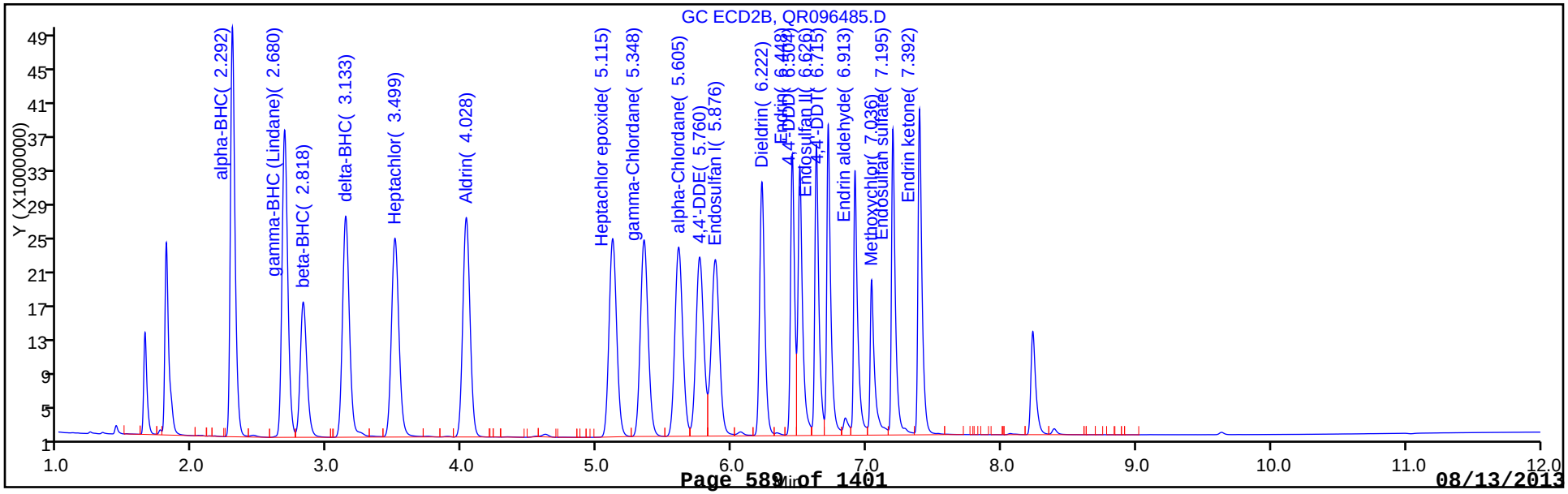
TestAmerica Edison

Data File:	\\EDICHROM\ChromData\CPESTGC8\20130811-3431.b\QR096485.D		
Injection Date:	11-Aug-2013 15:02:22	Limit Group:	GC 8081A PEST
Client ID:		Instrument ID:	CPESTGC8
Lims Batch ID:	175563	Lims Sample ID:	11
Operator ID:		Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 07/29/2013 06:32

Analysis Batch Number: 173095 End Date: 07/29/2013 09:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RESC 460-173095/1		07/29/2013 06:32	1		CLP-2 0.53(mm)
RESC 460-173095/1		07/29/2013 06:32	1		CLP-1 0.53(mm)
PIBLK 460-173095/2		07/29/2013 06:47	1		CLP-2 0.53(mm)
PIBLK 460-173095/2		07/29/2013 06:47	1		CLP-1 0.53(mm)
PEM 460-173095/3		07/29/2013 07:02	1		CLP-2 0.53(mm)
PEM 460-173095/3		07/29/2013 07:02	1		CLP-1 0.53(mm)
IC 460-173095/4		07/29/2013 07:17	1	WR715150.D	CLP-2 0.53(mm)
IC 460-173095/4		07/29/2013 07:17	1	WR715150.D	CLP-1 0.53(mm)
IC 460-173095/5		07/29/2013 07:33	1	WR715151.D	CLP-2 0.53(mm)
IC 460-173095/5		07/29/2013 07:33	1	WR715151.D	CLP-1 0.53(mm)
IC 460-173095/6		07/29/2013 07:47	1	WR715152.D	CLP-2 0.53(mm)
IC 460-173095/6		07/29/2013 07:47	1	WR715152.D	CLP-1 0.53(mm)
IC 460-173095/7		07/29/2013 08:02	1	WR715153.D	CLP-2 0.53(mm)
IC 460-173095/7		07/29/2013 08:02	1	WR715153.D	CLP-1 0.53(mm)
IC 460-173095/8		07/29/2013 08:17	1	WR715154.D	CLP-2 0.53(mm)
IC 460-173095/8		07/29/2013 08:17	1	WR715154.D	CLP-1 0.53(mm)
IC 460-173095/9		07/29/2013 08:32	1	WR715155.D	CLP-2 0.53(mm)
IC 460-173095/9		07/29/2013 08:32	1	WR715155.D	CLP-1 0.53(mm)
IC 460-173095/10		07/29/2013 08:48	1	WR715156.D	CLP-2 0.53(mm)
IC 460-173095/10		07/29/2013 08:48	1	WR715156.D	CLP-1 0.53(mm)
ICV 460-173095/11		07/29/2013 09:03	1		CLP-2 0.53(mm)
ICV 460-173095/11		07/29/2013 09:03	1		CLP-1 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/07/2013 16:52

Analysis Batch Number: 174875 End Date: 08/07/2013 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-174875/32		08/07/2013 16:52	1	WR715517.D	CLP-2 0.53(mm)
CCV 460-174875/32		08/07/2013 16:52	1	WR715517.D	CLP-1 0.53(mm)
PEM 460-174875/33		08/07/2013 17:07	1	WR715518.D	CLP-2 0.53(mm)
PEM 460-174875/33		08/07/2013 17:07	1	WR715518.D	CLP-1 0.53(mm)
MB 460-174769/1-A		08/07/2013 17:21	1	WR715519.D	CLP-2 0.53(mm)
MB 460-174769/1-A		08/07/2013 17:21	1	WR715519.D	CLP-1 0.53(mm)
LCS 460-174769/2-A		08/07/2013 17:37	1	WR715520.D	CLP-2 0.53(mm)
LCS 460-174769/2-A		08/07/2013 17:37	1	WR715520.D	CLP-1 0.53(mm)
ZZZZZ		08/07/2013 17:52	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 17:52	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 18:07	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 18:07	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 18:22	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 18:22	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 18:37	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 18:37	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 18:52	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 18:52	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 19:07	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 19:07	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 19:22	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 19:22	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 19:37	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 19:37	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 19:51	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 19:51	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 20:07	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 20:07	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 20:21	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 20:21	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 20:36	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 20:36	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 20:51	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 20:51	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 21:06	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 21:06	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 21:21	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 21:21	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 21:37	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 21:37	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 21:52	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 21:52	1		CLP-1 0.53(mm)
460-60690-1	Post Ex-1 / 3'	08/07/2013 22:07	1	WR715538.D	CLP-2 0.53(mm)
460-60690-1	Post Ex-1 / 3'	08/07/2013 22:07	1	WR715538.D	CLP-1 0.53(mm)
460-60690-2	Post Ex-2 / 4'	08/07/2013 22:22	1	WR715539.D	CLP-2 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/07/2013 16:52

Analysis Batch Number: 174875 End Date: 08/07/2013 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-60690-2	Post Ex-2 / 4'	08/07/2013 22:22	1	WR715539.D	CLP-1 0.53(mm)
460-60690-3	Post Ex-3 / 4'	08/07/2013 22:37	1	WR715540.D	CLP-2 0.53(mm)
460-60690-3	Post Ex-3 / 4'	08/07/2013 22:37	1	WR715540.D	CLP-1 0.53(mm)
ZZZZZ		08/07/2013 22:51	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 22:51	1		CLP-1 0.53(mm)
ZZZZZ		08/07/2013 23:06	1		CLP-2 0.53(mm)
ZZZZZ		08/07/2013 23:06	1		CLP-1 0.53(mm)
CCV 460-174875/58		08/07/2013 23:21	1	WR715543.D	CLP-2 0.53(mm)
CCV 460-174875/58		08/07/2013 23:21	1	WR715543.D	CLP-1 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/08/2013 08:14

Analysis Batch Number: 175030 End Date: 08/08/2013 11:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/08/2013 08:14	1		CLP-2 0.53(mm)
ZZZZZ		08/08/2013 08:14	1		CLP-1 0.53(mm)
PIBLK 460-175030/2		08/08/2013 08:30	1		CLP-2 0.53(mm)
PIBLK 460-175030/2		08/08/2013 08:30	1		CLP-1 0.53(mm)
PEM 460-175030/3		08/08/2013 08:46	1		CLP-2 0.53(mm)
PEM 460-175030/3		08/08/2013 08:46	1		CLP-1 0.53(mm)
IC 460-175030/4		08/08/2013 09:01	1	WR715549.D	CLP-2 0.53(mm)
IC 460-175030/4		08/08/2013 09:01	1	WR715549.D	CLP-1 0.53(mm)
IC 460-175030/6		08/08/2013 09:42	1	WR715551.D	CLP-2 0.53(mm)
IC 460-175030/6		08/08/2013 09:42	1	WR715551.D	CLP-1 0.53(mm)
IC 460-175030/7		08/08/2013 09:58	1	WR715552.D	CLP-2 0.53(mm)
IC 460-175030/7		08/08/2013 09:58	1	WR715552.D	CLP-1 0.53(mm)
IC 460-175030/8		08/08/2013 10:13	1	WR715553.D	CLP-2 0.53(mm)
IC 460-175030/8		08/08/2013 10:13	1	WR715553.D	CLP-1 0.53(mm)
IC 460-175030/9		08/08/2013 10:28	1	WR715554.D	CLP-2 0.53(mm)
IC 460-175030/9		08/08/2013 10:28	1	WR715554.D	CLP-1 0.53(mm)
IC 460-175030/10		08/08/2013 10:43	1	WR715555.D	CLP-2 0.53(mm)
IC 460-175030/10		08/08/2013 10:43	1	WR715555.D	CLP-1 0.53(mm)
ZZZZZ		08/08/2013 10:58	1		CLP-2 0.53(mm)
ZZZZZ		08/08/2013 10:58	1		CLP-1 0.53(mm)
ICL 1		08/08/2013 11:13	1	WR715557.D	CLP-2 0.53(mm)
ICL 1		08/08/2013 11:13	1	WR715557.D	CLP-1 0.53(mm)
ICV 460-175030/13		08/08/2013 11:40	1		CLP-2 0.53(mm)
ICV 460-175030/13		08/08/2013 11:40	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/09/2013 08:33

Analysis Batch Number: 175266 End Date: 08/09/2013 13:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/09/2013 08:33	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 08:33	1		CLP-1 0.53(mm)
PIBLK 460-175266/2		08/09/2013 08:48	1		CLP-2 0.53(mm)
PIBLK 460-175266/2		08/09/2013 08:48	1		CLP-1 0.53(mm)
PEM 460-175266/3		08/09/2013 09:04	1	WR715607.D	CLP-2 0.53(mm)
PEM 460-175266/3		08/09/2013 09:04	1	WR715607.D	CLP-1 0.53(mm)
ZZZZZ		08/09/2013 09:19	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 09:19	1		CLP-1 0.53(mm)
CCVRT 460-175266/5		08/09/2013 09:55	1	WR715609.D	CLP-2 0.53(mm)
CCVRT 460-175266/5		08/09/2013 09:55	1	WR715609.D	CLP-1 0.53(mm)
MB 460-175233/1-A		08/09/2013 10:21	1	WR715610.D	CLP-2 0.53(mm)
MB 460-175233/1-A		08/09/2013 10:21	1	WR715610.D	CLP-1 0.53(mm)
ZZZZZ		08/09/2013 10:35	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 10:35	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 10:50	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 10:50	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 11:05	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 11:05	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 11:20	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 11:20	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 11:35	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 11:35	1		CLP-1 0.53(mm)
LCS 460-175233/2-A		08/09/2013 11:51	1	WR715616.D	CLP-2 0.53(mm)
LCS 460-175233/2-A		08/09/2013 11:51	1	WR715616.D	CLP-1 0.53(mm)
ZZZZZ		08/09/2013 12:05	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 12:05	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 12:20	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 12:20	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 12:36	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 12:36	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 12:51	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 12:51	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 13:07	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 13:07	1		CLP-1 0.53(mm)
CCV 460-175266/18		08/09/2013 13:21	1	WR715622.D	CLP-2 0.53(mm)
CCV 460-175266/18		08/09/2013 13:21	1	WR715622.D	CLP-1 0.53(mm)

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PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/09/2013 13:21

Analysis Batch Number: 175660 End Date: 08/09/2013 19:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-175660/18		08/09/2013 13:21	1	WR715622.D	CLP-2 0.53(mm)
CCV 460-175660/18		08/09/2013 13:21	1	WR715622.D	CLP-1 0.53(mm)
PEM 460-175660/19		08/09/2013 13:36	1	WR715623.D	CLP-2 0.53(mm)
PEM 460-175660/19		08/09/2013 13:36	1	WR715623.D	CLP-1 0.53(mm)
460-60690-4	Post Ex-4 / 8'	08/09/2013 13:59	1	WR715624.D	CLP-2 0.53(mm)
460-60690-4	Post Ex-4 / 8'	08/09/2013 13:59	1	WR715624.D	CLP-1 0.53(mm)
460-60690-5	Post Ex-5 / 8'	08/09/2013 14:14	1	WR715625.D	CLP-2 0.53(mm)
460-60690-5	Post Ex-5 / 8'	08/09/2013 14:14	1	WR715625.D	CLP-1 0.53(mm)
460-60690-6	Post Ex-6 / 4-5'	08/09/2013 14:29	1	WR715626.D	CLP-2 0.53(mm)
460-60690-6	Post Ex-6 / 4-5'	08/09/2013 14:29	1	WR715626.D	CLP-1 0.53(mm)
ZZZZZ		08/09/2013 14:43	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 14:43	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 14:58	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 14:58	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 15:12	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 15:12	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 15:28	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 15:28	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 15:43	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 15:43	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 15:58	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 15:58	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 16:13	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 16:13	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 16:28	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 16:28	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 16:44	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 16:44	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 16:59	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 16:59	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 17:14	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 17:14	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 17:29	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 17:29	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 17:44	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 17:44	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 18:00	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 18:00	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 18:15	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 18:15	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 18:31	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 18:31	1		CLP-1 0.53(mm)
ZZZZZ		08/09/2013 18:46	1		CLP-2 0.53(mm)
ZZZZZ		08/09/2013 18:46	1		CLP-1 0.53(mm)
CCV 460-175660/40		08/09/2013 19:02	1	WR715644.D	CLP-2 0.53(mm)

8081A

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 08/09/2013 13:21

Analysis Batch Number: 175660 End Date: 08/09/2013 19:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-175660/40		08/09/2013 19:02	1	WR715644.D	CLP-1 0.53(mm)

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PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 08/11/2013 09:24

Analysis Batch Number: 175554 End Date: 08/11/2013 12:10

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/11/2013 09:24	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 09:24	1		CLP-1 0.53(mm)
ZZZZZ		08/11/2013 09:41	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 09:41	1		CLP-1 0.53(mm)
PEM 460-175554/3		08/11/2013 09:57	1		CLP-2 0.53(mm)
PEM 460-175554/3		08/11/2013 09:57	1		CLP-1 0.53(mm)
STD 460-175554/4 ICRT		08/11/2013 10:13	1	QR096467.D	CLP-2 0.53(mm)
STD 460-175554/4 ICRT		08/11/2013 10:13	1	QR096467.D	CLP-1 0.53(mm)
STD 460-175554/5 IC		08/11/2013 10:28	1	QR096468.D	CLP-2 0.53(mm)
STD 460-175554/5 IC		08/11/2013 10:28	1	QR096468.D	CLP-1 0.53(mm)
STD 460-175554/6 ICRT		08/11/2013 10:45	1	QR096469.D	CLP-2 0.53(mm)
STD 460-175554/6 ICRT		08/11/2013 10:45	1	QR096469.D	CLP-1 0.53(mm)
STD 460-175554/7 IC		08/11/2013 11:03	1	QR096470.D	CLP-2 0.53(mm)
STD 460-175554/7 IC		08/11/2013 11:03	1	QR096470.D	CLP-1 0.53(mm)
STD 460-175554/8 IC		08/11/2013 11:20	1	QR096471.D	CLP-2 0.53(mm)
STD 460-175554/8 IC		08/11/2013 11:20	1	QR096471.D	CLP-1 0.53(mm)
IC 460-175554/9		08/11/2013 11:37	1	QR096472.D	CLP-2 0.53(mm)
IC 460-175554/9		08/11/2013 11:37	1	QR096472.D	CLP-1 0.53(mm)
IC 460-175554/10		08/11/2013 11:53	1	QR096473.D	CLP-2 0.53(mm)
IC 460-175554/10		08/11/2013 11:53	1	QR096473.D	CLP-1 0.53(mm)
ICV 460-175554/11		08/11/2013 12:10	1		CLP-2 0.53(mm)
ICV 460-175554/11		08/11/2013 12:10	1		CLP-1 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: CPESTGC8 Start Date: 08/11/2013 12:25

Analysis Batch Number: 175563 End Date: 08/11/2013 16:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/11/2013 12:25	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 12:25	1		CLP-1 0.53(mm)
ZZZZZ		08/11/2013 12:42	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 12:42	1		CLP-1 0.53(mm)
PEM 460-175563/3		08/11/2013 12:58	1	QR096477.D	CLP-2 0.53(mm)
PEM 460-175563/3		08/11/2013 12:58	1	QR096477.D	CLP-1 0.53(mm)
CCVRT 460-175563/4		08/11/2013 13:14	1	QR096478.D	CLP-2 0.53(mm)
CCVRT 460-175563/4		08/11/2013 13:14	1	QR096478.D	CLP-1 0.53(mm)
ZZZZZ		08/11/2013 13:29	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 13:29	1		CLP-1 0.53(mm)
ZZZZZ		08/11/2013 13:45	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 13:45	1		CLP-1 0.53(mm)
ZZZZZ		08/11/2013 14:00	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 14:00	1		CLP-1 0.53(mm)
ZZZZZ		08/11/2013 14:16	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 14:16	1		CLP-1 0.53(mm)
MB 460-175267/1-A		08/11/2013 14:31	1	QR096483.D	CLP-2 0.53(mm)
MB 460-175267/1-A		08/11/2013 14:31	1	QR096483.D	CLP-1 0.53(mm)
LCS 460-175267/2-A		08/11/2013 14:47	1	QR096484.D	CLP-2 0.53(mm)
LCS 460-175267/2-A		08/11/2013 14:47	1	QR096484.D	CLP-1 0.53(mm)
LCSD 460-175267/3-A		08/11/2013 15:02	1	QR096485.D	CLP-2 0.53(mm)
LCSD 460-175267/3-A		08/11/2013 15:02	1	QR096485.D	CLP-1 0.53(mm)
460-60690-7	FB08052013	08/11/2013 15:18	1	QR096486.D	CLP-2 0.53(mm)
460-60690-7	FB08052013	08/11/2013 15:18	1	QR096486.D	CLP-1 0.53(mm)
ZZZZZ		08/11/2013 15:33	1		CLP-2 0.53(mm)
ZZZZZ		08/11/2013 15:33	1		CLP-1 0.53(mm)
CCV 460-175563/15		08/11/2013 16:05	1	QR096489.D	CLP-2 0.53(mm)
CCV 460-175563/15		08/11/2013 16:05	1	QR096489.D	CLP-1 0.53(mm)

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PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174769 Batch Start Date: 08/07/13 03:55 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PESTSP 00014	OPPSTPCBSU 00023		
MB 460-174769/1		3546, 8081A		15.00 g	10 mL		50 uL		
LCS 460-174769/2		3546, 8081A		15.00 g	10 mL	100 uL	50 uL		
460-60690-A-1	Post Ex-1 / 3'	3546, 8081A	T	15.04 g	10 mL		50 uL		
460-60690-A-2	Post Ex-2 / 4'	3546, 8081A	T	15.02 g	10 mL		50 uL		
460-60690-A-3	Post Ex-3 / 4'	3546, 8081A	T	15.00 g	10 mL		50 uL		

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	43132
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Florisil Lot #	s213-046(sw3620c)
Hexane Lot#	49672
MeCl2/Acetone Lot #	44738
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	308301
Person's name who did the prep	archie
Person who witnessed spiking	jose s
Water Bath ID	10203
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 175233 Batch Start Date: 08/09/13 03:59 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PESTSP 00014	OPPSTPCBSU 00023		
MB 460-175233/1		3546, 8081A		15.00 g	10 mL		50 uL		
LCS 460-175233/2		3546, 8081A		15.00 g	10 mL	100 uL	50 uL		
460-60690-A-4	Post Ex-4 / 8'	3546, 8081A	T	15.00 g	10 mL		50 uL		
460-60690-A-5	Post Ex-5 / 8'	3546, 8081A	T	15.00 g	10 mL		50 uL		
460-60690-A-6	Post Ex-6 / 4-5'	3546, 8081A	T	15.01 g	10 mL		50 uL		

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Person's name who did the concentration	archie
Exchange Solvent Lot #	43132
Exchange Solvent Name	hexane
Final Concentrator Volume	10 mL
Florisil Lot #	s213-046(sw3620c)
Hexane Lot#	49672
MeCl2/Acetone Lot #	44738
Microwave Start Time	4am
Microwave Stop Time	4:30am
Na2SO4 Lot Number	308301
Person's name who did the prep	archie
Person who witnessed spiking	jose s
Water Bath ID	10203
Water Bath Temperature	37.0c (uncorrected 37.0c)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 175267 Batch Start Date: 08/09/13 07:43 Batch Analyst: Wu, Huachi

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP_LVI 00004	OPPSPCBSU_LVI 00002	
MB 460-175267/1		3510C, 8081A		7 SU	125 mL	1 mL		50 uL	
LCS 460-175267/2		3510C, 8081A		7 SU	125 mL	1 mL	50 uL	50 uL	
LCSD 460-175267/3		3510C, 8081A		7 SU	125 mL	1 mL	50 uL	50 uL	
460-60690-B-7	FB08052013	3510C, 8081A	T	7 SU	125 mL	1 mL		50 uL	

Batch Notes	
Batch Comment	8081 LVI
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	49672
Exchange Solvent Name	Hexane
Final Concentrator Volume	1 mL
N-evap #	31869
N-evap temperature	25.0c Celsius
Na2SO4 Lot Number	308301
Oven, Bath or Block Temperature 1	99
Prep Solvent Lot #	48250
Prep Solvent Name	MECL2
Prep Solvent Volume Used	60 mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	Jose
Uncorrected N-evap Temperature	25.0c Celsius
Uncorrected Temperature	25.0c Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG No.:

Project: 81 East 125th Street

Client Sample ID	Lab Sample ID
Post Ex-1 / 3'	460-60690-1
Post Ex-2 / 4'	460-60690-2
Post Ex-3 / 4'	460-60690-3
Post Ex-4 / 8'	460-60690-4
Post Ex-5 / 8'	460-60690-5
Post Ex-6 / 4-5'	460-60690-6
FB08052013	460-60690-7

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-1 / 3'
Lab Sample ID: 460-60690-1
Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/05/2013 09:40
Reporting Basis: DRY
Date Received: 08/06/2013 09:30
% Solids: 95.4

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3990	40.7	18.5	mg/Kg			4	6010B
7440-36-0	Antimony	2.0	2.0	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.2	1.0	0.96	mg/Kg			4	6010B
7440-39-3	Barium	24.5	40.7	1.2	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.25	0.41	0.15	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.0	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	1450	1020	72.0	mg/Kg			4	6010B
7440-47-3	Chromium	11.1	2.0	0.87	mg/Kg			4	6010B
7440-48-4	Cobalt	3.1	10.2	0.87	mg/Kg	J		4	6010B
7440-50-8	Copper	14.3	5.1	2.0	mg/Kg			4	6010B
7439-89-6	Iron	7780	30.5	12.3	mg/Kg			4	6010B
7439-92-1	Lead	5.3	1.0	0.87	mg/Kg			4	6010B
7439-95-4	Magnesium	1840	1020	73.2	mg/Kg			4	6010B
7439-96-5	Manganese	124	3.1	0.90	mg/Kg			4	6010B
7440-02-0	Nickel	8.1	8.1	0.90	mg/Kg			4	6010B
7440-09-7	Potassium	519	1020	109	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.0	2.0	1.3	mg/Kg	U		4	6010B
7440-22-4	Silver	2.0	2.0	0.20	mg/Kg	U		4	6010B
7440-23-5	Sodium	1020	1020	161	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.0	2.0	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	10.8	10.2	0.78	mg/Kg			4	6010B
7440-66-6	Zinc	13.8	6.1	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.032	0.018	0.012	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-2 / 4'
Lab Sample ID: 460-60690-2
Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/05/2013 10:20
Reporting Basis: DRY
Date Received: 08/06/2013 09:30
% Solids: 90.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3910	43.3	19.7	mg/Kg			4	6010B
7440-36-0	Antimony	2.2	2.2	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.1	1.0	mg/Kg	U		4	6010B
7440-39-3	Barium	38.3	43.3	1.2	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.20	0.43	0.16	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.16	mg/Kg	U		4	6010B
7440-70-2	Calcium	1130	1080	76.7	mg/Kg			4	6010B
7440-47-3	Chromium	9.2	2.2	0.93	mg/Kg			4	6010B
7440-48-4	Cobalt	3.2	10.8	0.92	mg/Kg	J		4	6010B
7440-50-8	Copper	17.4	5.4	2.1	mg/Kg			4	6010B
7439-89-6	Iron	5970	32.5	13.1	mg/Kg			4	6010B
7439-92-1	Lead	4.6	1.1	0.93	mg/Kg			4	6010B
7439-95-4	Magnesium	1400	1080	78.0	mg/Kg			4	6010B
7439-96-5	Manganese	207	3.2	0.95	mg/Kg			4	6010B
7440-02-0	Nickel	6.9	8.7	0.95	mg/Kg	J		4	6010B
7440-09-7	Potassium	500	1080	116	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.2	2.2	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	2.2	2.2	0.22	mg/Kg	U		4	6010B
7440-23-5	Sodium	1080	1080	171	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.2	2.2	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.7	10.8	0.83	mg/Kg			4	6010B
7440-66-6	Zinc	11.3	6.5	1.2	mg/Kg			4	6010B
7439-97-6	Mercury	0.017	0.018	0.013	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-3 / 4'
Lab Sample ID: 460-60690-3
Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/05/2013 10:30
Reporting Basis: DRY
Date Received: 08/06/2013 09:30
% Solids: 93.1

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	3830	41.7	19.0	mg/Kg			4	6010B
7440-36-0	Antimony	2.1	2.1	1.3	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.0	1.0	0.98	mg/Kg			4	6010B
7440-39-3	Barium	20.4	41.7	1.2	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.31	0.42	0.15	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.0	1.0	0.15	mg/Kg	U		4	6010B
7440-70-2	Calcium	431	1040	73.9	mg/Kg	J		4	6010B
7440-47-3	Chromium	11.2	2.1	0.90	mg/Kg			4	6010B
7440-48-4	Cobalt	2.7	10.4	0.89	mg/Kg	J		4	6010B
7440-50-8	Copper	17.3	5.2	2.0	mg/Kg			4	6010B
7439-89-6	Iron	7620	31.3	12.6	mg/Kg			4	6010B
7439-92-1	Lead	4.1	1.0	0.90	mg/Kg			4	6010B
7439-95-4	Magnesium	1520	1040	75.1	mg/Kg			4	6010B
7439-96-5	Manganese	90.0	3.1	0.92	mg/Kg			4	6010B
7440-02-0	Nickel	6.8	8.3	0.92	mg/Kg	J		4	6010B
7440-09-7	Potassium	479	1040	112	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.1	2.1	1.4	mg/Kg	U		4	6010B
7440-22-4	Silver	2.1	2.1	0.21	mg/Kg	U		4	6010B
7440-23-5	Sodium	1040	1040	165	mg/Kg	U		4	6010B
7440-28-0	Thallium	2.1	2.1	1.2	mg/Kg	U		4	6010B
7440-62-2	Vanadium	10.5	10.4	0.80	mg/Kg			4	6010B
7440-66-6	Zinc	14.1	6.3	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.014	0.018	0.012	mg/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-4 / 8'
Lab Sample ID: 460-60690-4
Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/05/2013 13:40
Reporting Basis: DRY
Date Received: 08/06/2013 09:30
% Solids: 79.6

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	25.0	6.1	2.4	mg/Kg			4	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-5 / 8'
Lab Sample ID: 460-60690-5
Lab Name: TestAmerica Edison
Job No.: 460-60690-1
SDG ID.:
Matrix: Solid
Date Sampled: 08/05/2013 14:55
Reporting Basis: DRY
Date Received: 08/06/2013 09:30
% Solids: 89.3

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.48	2.2	0.22	mg/Kg	J		4	6010B
7440-50-8	Copper	83.9	5.5	2.1	mg/Kg			4	6010B
7440-66-6	Zinc	43.9	6.6	1.2	mg/Kg			4	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: Post Ex-6 / 4-5'

Lab Sample ID: 460-60690-6

Lab Name: TestAmerica Edison

Job No.: 460-60690-1

SDG ID.:

Matrix: Solid

Date Sampled: 08/05/2013 15:30

Reporting Basis: DRY

Date Received: 08/06/2013 09:30

% Solids: 86.2

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7440-50-8	Copper	105	5.3	2.1	mg/Kg			4	6010B
7439-92-1	Lead	30.5	1.1	0.92	mg/Kg			4	6010B

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB08052013 Lab Sample ID: 460-60690-7

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG ID.:

Matrix: Water Date Sampled: 08/05/2013 11:05

Reporting Basis: WET Date Received: 08/06/2013 09:30

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	72.1	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	7.4	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.7	ug/L	U		1	6010B
7440-39-3	Barium	200	200	5.9	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.78	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.82	ug/L	U		1	6010B
7440-70-2	Calcium	5000	5000	305	ug/L	U		1	6010B
7440-47-3	Chromium	10.0	10.0	4.5	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	4.3	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	7.8	ug/L	U		1	6010B
7439-89-6	Iron	150	150	73.6	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	4.0	ug/L	U		1	6010B
7439-95-4	Magnesium	5000	5000	321	ug/L	U		1	6010B
7439-96-5	Manganese	15.0	15.0	4.3	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	5.0	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	525	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	5.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	1.3	ug/L	U		1	6010B
7440-23-5	Sodium	5000	5000	821	ug/L	U		1	6010B
7440-28-0	Thallium	10.0	10.0	5.2	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	4.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.16	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	ICV 460-174895/7 08/07/2013 10:49				CCV 460-174895/91 08/07/2013 15:56				CCV 460-174895/103 08/07/2013 16:39			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	122100		125000	98								
Antimony	978.6		1000	98								
Arsenic	2419		2500	97								
Barium	9977		10000	100								
Beryllium	988.0		1000	99								
Cadmium	1224		1250	98								
Calcium	124700		125000	100								
Chromium	4958		5000	99								
Cobalt	2474		2500	99								
Copper	12310		12500	98	12310		12500	98	12320		12500	99
Iron	99520		100000	100								
Lead	7468		7500	100	7442		7500	99	7451		7500	99
Magnesium	123500		125000	99								
Manganese	4993		5000	100								
Nickel	2486		2500	99								
Potassium	49110		50000	98								
Selenium	2435		2500	97								
Silver	1217		1250	97	1219		1250	98	1221		1250	98
Sodium	125200		125000	100								
Thallium	2484		2500	99								
Vanadium	2452		2500	98								
Zinc	2485		2500	99	2447		2500	98	2458		2500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	CCV 460-174895/115 08/07/2013 17:22				CCV 460-174895/127 08/07/2013 18:05				CCV 460-174895/162 08/07/2013 20:23			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum									121800		125000	97
Antimony									989.3		1000	99
Arsenic									2408		2500	96
Barium									9962		10000	100
Beryllium									980.1		1000	98
Cadmium									1209		1250	97
Calcium									124000		125000	99
Chromium									4992		5000	100
Cobalt									2465		2500	99
Copper	12290		12500	98	12330		12500	99	12310		12500	98
Iron									99640		100000	100
Lead	7427		7500	99	7459		7500	99	7435		7500	99
Magnesium									123900		125000	99
Manganese									4993		5000	100
Nickel									2473		2500	99
Potassium									49880		50000	100
Selenium									2432		2500	97
Silver	1222		1250	98	1225		1250	98	1223		1250	98
Sodium									124300		125000	99
Thallium									2510		2500	100
Vanadium									2453		2500	98
Zinc	2432		2500	97	2449		2500	98	2444		2500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	CCV 460-174895/174 08/07/2013 21:05				CCV 460-174895/186 08/07/2013 21:48				CCV 460-174895/198 08/07/2013 22:31			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	121800		125000	97	122000		125000	98	121500		125000	97
Antimony	990.4		1000	99	988.6		1000	99	990.1		1000	99
Arsenic	2413		2500	97	2399		2500	96	2410		2500	96
Barium	9965		10000	100	9969		10000	100	9958		10000	100
Beryllium	981.4		1000	98	979.2		1000	98	976.8		1000	98
Cadmium	1211		1250	97	1209		1250	97	1205		1250	96
Calcium	124200		125000	99	124500		125000	100	123000		125000	98
Chromium	4978		5000	100	5005		5000	100	4940		5000	99
Cobalt	2466		2500	99	2464		2500	99	2461		2500	98
Copper	12290		12500	98	12300		12500	98	12270		12500	98
Iron	99530		100000	100	99910		100000	100	98560		100000	99
Lead	7444		7500	99	7437		7500	99	7413		7500	99
Magnesium	123900		125000	99	124400		125000	100	122700		125000	98
Manganese	5002		5000	100	5026		5000	101	4961		5000	99
Nickel	2472		2500	99	2471		2500	99	2466		2500	99
Potassium	50000		50000	100	50100		50000	100	49980		50000	100
Selenium	2439		2500	98	2430		2500	97	2440		2500	98
Silver	1224		1250	98	1224		1250	98	1224		1250	98
Sodium	125800		125000	101	126100		125000	101	127900		125000	102
Thallium	2507		2500	100	2508		2500	100	2505		2500	100
Vanadium	2453		2500	98	2457		2500	98	2444		2500	98
Zinc	2445		2500	98	2451		2500	98	2425		2500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	CCV 460-174895/204 08/07/2013 22:52											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	121400		125000	97								
Antimony	994.2		1000	99								
Arsenic	2411		2500	96								
Barium	9958		10000	100								
Beryllium	975.7		1000	98								
Cadmium	1201		1250	96								
Calcium	122600		125000	98								
Chromium	4929		5000	99								
Cobalt	2457		2500	98								
Copper	12260		12500	98								
Iron	98400		100000	98								
Lead	7395		7500	99								
Magnesium	122300		125000	98								
Manganese	4971		5000	99								
Nickel	2461		2500	98								
Potassium	49950		50000	100								
Selenium	2439		2500	98								
Silver	1222		1250	98								
Sodium	126000		125000	101								
Thallium	2502		2500	100								
Vanadium	2441		2500	98								
Zinc	2408		2500	96								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	ICV 460-175179/7 08/08/2013 10:20				CCV 460-175179/19 08/08/2013 11:04				CCV 460-175179/31 08/08/2013 11:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	121600		125000	97	121300		125000	97	120900		125000	97
Antimony	976.5		1000	98	976.0		1000	98	982.7		1000	98
Arsenic	2415		2500	97	2420		2500	97	2429		2500	97
Barium	9956		10000	100	9943		10000	99	9942		10000	99
Beryllium	982.5		1000	98	977.6		1000	98	973.0		1000	97
Cadmium	1225		1250	98	1222		1250	98	1217		1250	97
Calcium	124800		125000	100	124600		125000	100	123100		125000	98
Chromium	4940		5000	99	4944		5000	99	4916		5000	98
Cobalt	2472		2500	99	2472		2500	99	2470		2500	99
Copper	12230		12500	98	12210		12500	98	12160		12500	97
Iron	99180		100000	99	99460		100000	99	98970		100000	99
Lead	7469		7500	100	7468		7500	100	7450		7500	99
Magnesium	123300		125000	99	123200		125000	99	121800		125000	97
Manganese	4999		5000	100	4997		5000	100	4947		5000	99
Nickel	2485		2500	99	2482		2500	99	2475		2500	99
Potassium	48920		50000	98	48770		50000	98	48550		50000	97
Selenium	2437		2500	97	2428		2500	97	2445		2500	98
Silver	1209		1250	97	1208		1250	97	1210		1250	97
Sodium	124600		125000	100	124700		125000	100	123800		125000	99
Thallium	2484		2500	99	2484		2500	99	2484		2500	99
Vanadium	2443		2500	98	2439		2500	98	2425		2500	97
Zinc	2489		2500	100	2483		2500	99	2452		2500	98

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_CCV_DUO_00085 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00085

Analyte	CCV 460-175179/43 08/08/2013 12:31											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	120400		125000	96								
Antimony	980.2		1000	98								
Arsenic	2420		2500	97								
Barium	9909		10000	99								
Beryllium	967.9		1000	97								
Cadmium	1212		1250	97								
Calcium	122400		125000	98								
Chromium	4904		5000	98								
Cobalt	2463		2500	99								
Copper	12120		12500	97								
Iron	98660		100000	99								
Lead	7415		7500	99								
Magnesium	121300		125000	97								
Manganese	4943		5000	99								
Nickel	2468		2500	99								
Potassium	48460		50000	97								
Selenium	2443		2500	98								
Silver	1210		1250	97								
Sodium	122900		125000	98								
Thallium	2482		2500	99								
Vanadium	2417		2500	97								
Zinc	2434		2500	97								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_DQCS-INT_01043 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_01043

Analyte	ICV 460-174783/7-A 08/07/2013 09:26				CCV 460-174783/8-A 08/07/2013 09:49				CCV 460-174783/8-A 08/07/2013 10:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.06		5.00	101	5.03		5.00	101	4.98		5.00	100

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_DQCS-INT_01043 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_01043

Analyte	CCV 460-174783/8-A 08/07/2013 10:34											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.03		5.00	101								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_DQCS-INT_01044 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_01044

Analyte	ICV 460-174931/7 08/07/2013 16:23				CCV 460-174931/16 08/07/2013 16:40				CCV 460-174931/25 08/07/2013 16:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.95		5.00	99	5.38		5.00	108	5.39		5.00	108

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

ICV Source: ME_DQCS-INT_01044 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_01044

Analyte	CCV 460-174931/35 08/07/2013 17:17											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.40		5.00	108								

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-174895/8 08/07/2013 10:53		CCB 460-174895/92 08/07/2013 16:00		CCB 460-174895/104 08/07/2013 16:42		CCB 460-174895/116 08/07/2013 17:26	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U						
Antimony	10.0	10.0	U						
Arsenic	5.0	5.0	U						
Barium	200	200	U						
Beryllium	2.0	2.0	U						
Cadmium	5.0	5.0	U						
Calcium	5000	5000	U						
Chromium	10.0	10.0	U						
Cobalt	50.0	50.0	U						
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U						
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U						
Manganese	15.0	15.0	U						
Nickel	40.0	40.0	U						
Potassium	5000	5000	U						
Selenium	10.0	10.0	U						
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U						
Thallium	10.0	10.0	U						
Vanadium	50.0	50.0	U						
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-174895/128 08/07/2013 18:09		CCB 460-174895/163 08/07/2013 20:26		CCB 460-174895/175 08/07/2013 21:09		CCB 460-174895/187 08/07/2013 21:52	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200			200	U	200	U	200	U
Antimony	10.0			10.0	U	10.0	U	10.0	U
Arsenic	5.0			5.0	U	5.0	U	5.0	U
Barium	200			200	U	200	U	200	U
Beryllium	2.0			2.0	U	2.0	U	2.0	U
Cadmium	5.0			5.0	U	5.0	U	5.0	U
Calcium	5000			5000	U	5000	U	5000	U
Chromium	10.0			10.0	U	10.0	U	10.0	U
Cobalt	50.0			50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150			150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000			5000	U	5000	U	5000	U
Manganese	15.0			15.0	U	15.0	U	15.0	U
Nickel	40.0			40.0	U	40.0	U	40.0	U
Potassium	5000			5000	U	5000	U	5000	U
Selenium	10.0			10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000			5000	U	5000	U	5000	U
Thallium	10.0			10.0	U	10.0	U	10.0	U
Vanadium	50.0			50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 460-174895/199 08/07/2013 22:34		CCB 460-174895/205 08/07/2013 22:56					
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U				
Antimony	10.0	10.0	U	10.0	U				
Arsenic	5.0	5.0	U	5.0	U				
Barium	200	200	U	200	U				
Beryllium	2.0	2.0	U	2.0	U				
Cadmium	5.0	5.0	U	5.0	U				
Calcium	5000	5000	U	5000	U				
Chromium	10.0	10.0	U	10.0	U				
Cobalt	50.0	50.0	U	50.0	U				
Copper	25.0	25.0	U	25.0	U				
Iron	150	150	U	150	U				
Lead	5.0	5.0	U	5.0	U				
Magnesium	5000	5000	U	5000	U				
Manganese	15.0	15.0	U	15.0	U				
Nickel	40.0	40.0	U	40.0	U				
Potassium	5000	5000	U	5000	U				
Selenium	10.0	10.0	U	10.0	U				
Silver	10.0	10.0	U	10.0	U				
Sodium	5000	5000	U	5000	U				
Thallium	10.0	10.0	U	10.0	U				
Vanadium	50.0	50.0	U	50.0	U				
Zinc	30.0	30.0	U	30.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-175179/8 08/08/2013 10:24		CCB 460-175179/20 08/08/2013 11:07		CCB 460-175179/32 08/08/2013 11:52		CCB 460-175179/44 08/08/2013 12:35	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	30.0	U	30.0	U	30.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-174855/39 08/07/2013 09:28		CCB 460-174783/9-A 08/07/2013 09:51		CCB 460-174783/9-A 08/07/2013 10:14		CCB 460-174783/9-A 08/07/2013 10:36	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 460-174931/8 08/07/2013 16:25		CCB 460-174931/17 08/07/2013 16:42		CCB 460-174931/26 08/07/2013 16:58		CCB 460-174931/36 08/07/2013 17:19	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-174803/1-A ^2

Instrument Code: ICP5 Batch No.: 174895

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6010B
7440-36-0	Antimony	1.0	U		6010B
7440-38-2	Arsenic	0.50	U		6010B
7440-39-3	Barium	20.0	U		6010B
7440-41-7	Beryllium	0.20	U		6010B
7440-43-9	Cadmium	0.50	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-47-3	Chromium	1.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-50-8	Copper	2.5	U		6010B
7439-89-6	Iron	15.0	U		6010B
7439-92-1	Lead	0.50	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	1.5	U		6010B
7440-02-0	Nickel	4.0	U		6010B
7440-09-7	Potassium	500	U		6010B
7782-49-2	Selenium	1.0	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-28-0	Thallium	1.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-174822/1-A ^2

Instrument Code: ICP5 Batch No.: 174895

CAS No.	Analyte	Concentration	C	Q	Method
7440-50-8	Copper	2.5	U		6010B
7439-92-1	Lead	0.50	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-174807/1-A

Instrument Code: ICP5 Batch No.: 175179

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-174783/11-A

Instrument Code: LEEMAN5 Batch No.: 174855

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-174840/1-A

Instrument Code: LEEMAN5 Batch No.: 174931

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.017	U		7471A

FORM III-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: ICSA 460-174895/9 Instrument ID: ICP5

Lab File ID: 08072013.asc ICS Source: ME_ICSA_Duo_00046

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**494000**	**99**
Antimony		**-5.90**	
Arsenic		**-4.01**	
Barium		**0.938**	
Beryllium		**0.127**	
Cadmium		**-0.766**	
Calcium	**500000**	**493500**	**99**
Chromium		**-2.04**	
Cobalt		**-3.30**	
Copper		**-2.91**	
Iron	**200000**	**193600**	**97**
Lead		**-4.63**	
Magnesium	**500000**	**494100**	**99**
Manganese		**1.50**	
Nickel		**-0.926**	
Potassium		**-56.9**	
Selenium		**0.301**	
Silver		**1.57**	
Sodium		**-64.8**	
Thallium		**-11.1**	
Vanadium		**-5.92**	
Zinc		**0.559**	
Boron		*2.28*	
Molybdenum		*2.30*	
Strontium		*0.484*	
Tin		*-3.67*	
Titanium		*4.13*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: ICSAB 460-174895/10 Instrument ID: ICP5

Lab File ID: 08072013.asc ICS Source: ME_ICSAB_DUO_00049

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**482800**	**97**
Antimony	**100**	**88.1**	**88**
Arsenic	**100**	**92.1**	**92**
Barium	**100**	**101**	**101**
Beryllium	**100**	**97.8**	**98**
Cadmium	**100**	**97.1**	**97**
Calcium	**500000**	**488100**	**98**
Chromium	**100**	**95.3**	**95**
Cobalt	**100**	**91.5**	**91**
Copper	**100**	**95.4**	**95**
Iron	**200000**	**192100**	**96**
Lead	**100**	**88.8**	**89**
Magnesium	**500000**	**489700**	**98**
Manganese	**100**	**102**	**102**
Nickel	**100**	**92.9**	**93**
Potassium	**10000**	**9987**	**100**
Selenium	**100**	**97.2**	**97**
Silver	**100**	**103**	**103**
Sodium	**10000**	**10270**	**103**
Thallium	**100**	**85.5**	**86**
Vanadium	**100**	**90.9**	**91**
Zinc	**100**	**95.6**	**96**
Boron	*100*	*102*	*102*
Molybdenum	*100*	*97.7*	*98*
Strontium	*100*	*100*	*100*
Tin	*100*	*90.7*	*91*
Titanium	*100*	*104*	*104*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: ICSA 460-175179/9 Instrument ID: ICP5

Lab File ID: 08082013A.asc ICS Source: ME_ICSA_Duo_00046

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	**500000**	**491600**	**98**
Antimony		**-4.14**	
Arsenic		**-2.11**	
Barium		**-0.879**	
Beryllium		**0.145**	
Cadmium		**-0.114**	
Calcium	**500000**	**490100**	**98**
Chromium		**-1.84**	
Cobalt		**-3.16**	
Copper		**-0.860**	
Iron	**200000**	**192100**	**96**
Lead		**-3.39**	
Magnesium	**500000**	**491000**	**98**
Manganese		**1.41**	
Nickel		**-0.955**	
Potassium		**-38.9**	
Selenium		**-1.49**	
Silver		**1.74**	
Sodium		**-33.6**	
Thallium		**-7.84**	
Vanadium		**-3.92**	
Zinc		**0.531**	
Boron		*2.26*	
Molybdenum		*2.36*	
Strontium		*0.451*	
Tin		*-3.23*	
Titanium		*3.55*	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Lab Sample ID: ICSAB 460-175179/10 Instrument ID: ICP5

Lab File ID: 08082013A.asc ICS Source: ME_ICSAB_DUO_00049

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Aluminum	**500000**	**485400**	**97**
Antimony	**100**	**87.8**	**88**
Arsenic	**100**	**93.2**	**93**
Barium	**100**	**98.1**	**98**
Beryllium	**100**	**96.5**	**96**
Cadmium	**100**	**96.7**	**97**
Calcium	**500000**	**484900**	**97**
Chromium	**100**	**94.8**	**95**
Cobalt	**100**	**90.6**	**91**
Copper	**100**	**96.6**	**97**
Iron	**200000**	**190700**	**95**
Lead	**100**	**89.5**	**89**
Magnesium	**500000**	**487300**	**97**
Manganese	**100**	**101**	**101**
Nickel	**100**	**90.3**	**90**
Potassium	**10000**	**9871**	**99**
Selenium	**100**	**89.7**	**90**
Silver	**100**	**104**	**104**
Sodium	**10000**	**10270**	**103**
Thallium	**100**	**86.4**	**86**
Vanadium	**100**	**91.7**	**92**
Zinc	**100**	**94.8**	**95**
Boron	*100*	*100*	*100*
Molybdenum	*100*	*96.5*	*96*
Strontium	*100*	*98.4*	*98*
Tin	*100*	*88.5*	*88*
Titanium	*100*	*101*	*101*

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-174822/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-60690-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00007

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Copper	118	107.5		91.1	74.6	124.6		6010B
Lead	76.9	73.22		95.2	68.7	131.3		6010B
Silver	42.3	36.76		86.9	66.2	134.0		6010B
Zinc	276	252.4		91.5	71.4	128.6		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-174803/2-A ^4

Lab Name: TestAmerica Edison Job No.: 460-60690-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00007

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	9310	7955		85.4	43.3	156.8		6010B
Antimony	120	194.2		161.8	20.8	252.5		6010B
Arsenic	168	156.7		93.3	70.8	129.8		6010B
Barium	213	211.0		99.1	73.2	126.8		6010B
Beryllium	110	105.6		96.0	75.1	125.5		6010B
Cadmium	103	97.94		95.1	73.0	126.2		6010B
Calcium	6870	6482		94.4	74.4	125.8		6010B
Chromium	119	120.4		101.2	69.7	129.4		6010B
Cobalt	131	131.7		100.6	74.4	125.2		6010B
Copper	118	114.1		96.7	74.6	124.6		6010B
Iron	13000	14040		108.0	32.2	167.7		6010B
Lead	76.9	77.47		100.7	68.7	131.3		6010B
Magnesium	2780	2551		91.8	65.1	135.3		6010B
Manganese	338	345.1		102.1	75.4	125.1		6010B
Nickel	70.0	71.08		101.5	70.9	129.0		6010B
Potassium	3130	2861		91.4	62.9	136.7		6010B
Selenium	126	117.2		93.0	66.7	134.1		6010B
Silver	42.3	39.55		93.5	66.2	134.0		6010B
Sodium	350	319.8	J	91.4	42.9	156.9		6010B
Thallium	208	219.2		105.4	69.2	130.8		6010B
Vanadium	87.1	86.71		99.5	63.1	136.6		6010B
Zinc	276	267.6		97.0	71.4	128.6		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-174807/2-A

Lab Name: TestAmerica Edison Job No.: 460-60690-1

Sample Matrix: Water LCS Source: ME_LCS-int_00038

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	1957		98	80	120		6010B
Antimony	500	440.4		88	80	120		6010B
Arsenic	2000	1895		95	80	120		6010B
Barium	2000	2050		103	80	120		6010B
Beryllium	50.0	50.20		100	80	120		6010B
Cadmium	50.0	50.49		101	80	120		6010B
Calcium	20000	19970		100	80	120		6010B
Chromium	200	202.6		101	80	120		6010B
Cobalt	500	506.2		101	80	120		6010B
Copper	250	243.1		97	80	120		6010B
Iron	1000	1037		104	80	120		6010B
Lead	500	517.6		104	80	120		6010B
Magnesium	20000	19530		98	80	120		6010B
Manganese	500	515.8		103	80	120		6010B
Nickel	500	517.3		103	80	120		6010B
Potassium	20000	19140		96	80	120		6010B
Selenium	2000	1896		95	80	120		6010B
Silver	50.0	47.81		96	80	120		6010B
Sodium	20000	20090		100	80	120		6010B
Thallium	2000	2165		108	80	120		6010B
Vanadium	500	481.5		96	80	120		6010B
Zinc	500	507.1		101	80	120		6010B

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-174783/12-A

Lab Name: TestAmerica Edison Job No.: 460-60690-1

Sample Matrix: Water LCS Source: ME_DCAL-IN_01318

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.875		88	80	120		7470A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-174840/2-A ^100

Lab Name: TestAmerica Edison Job No.: 460-60690-1

Sample Matrix: Solid LCS Source: ME_LCSS_77_00007

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	25.1	23.17		92.3	51.4	148.2		7471A

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Water Instrument ID: ICP5

Method: 6010B MDL Date: 11/14/2011 12:49

Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Water Instrument ID: ICP5

Method: 6010B XMDL Date: 11/14/2011 12:49

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B MDL Date: 02/08/2012 17:17

Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum		40	18.2
Antimony		2	1.24
Arsenic		1	0.94
Barium		40	1.14
Beryllium		0.4	0.144
Cadmium		1	0.148
Calcium		1000	70.8
Chromium		2	0.86
Cobalt		10	0.852
Copper		5	1.94
Iron		30	12.1
Lead		1	0.86
Magnesium		1000	72
Manganese		3	0.88
Nickel		8	0.88
Potassium		1000	107
Selenium		2	1.32
Silver		2	0.2
Sodium		1000	158
Thallium		2	1.13
Vanadium		10	0.768
Zinc		6	1.08

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: ICP5

Method: 6010B XMDL Date: 11/14/2011 14:14

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	72.11
Antimony		10	7.351
Arsenic		5	3.729
Barium		200	5.944
Beryllium		2	0.776
Cadmium		5	0.818
Calcium		5000	304.6
Chromium		10	4.46
Cobalt		50	4.272
Copper		25	7.838
Iron		150	73.6
Lead		5	4.012
Magnesium		5000	321.4
Manganese		15	4.303
Nickel		40	4.981
Potassium		5000	524.8
Selenium		10	5.758
Silver		10	1.339
Sodium		5000	820.7
Thallium		10	5.247
Vanadium		50	4.044
Zinc		30	5.849

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Method: 7470A MDL Date: 02/25/2013 09:39

Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.16

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Water Instrument ID: LEEMAN5

Method: 7470A XMDL Date: 02/25/2013 09:39

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A MDL Date: 02/12/2013 07:00

Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.017	0.012

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: LEEMAN5

Method: 7471A XMDL Date: 02/25/2013 09:43

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.16

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-174803/1-A ^2	08/07/2013 08:24	174803	1.00		50
LCSSRM 460-174803/2-A ^4	08/07/2013 08:24	174803	1.02		50
460-60690-1	08/07/2013 08:24	174803	1.03		50
460-60690-2	08/07/2013 08:24	174803	1.02		50
460-60690-3	08/07/2013 08:24	174803	1.03		50
460-60690-4	08/07/2013 08:24	174803	1.03		50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-174807/1-A	08/07/2013 08:36	174807		100	100
LCS 460-174807/2-A	08/07/2013 08:36	174807		100	100
460-60690-7	08/07/2013 08:36	174807		100	100

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-174822/1-A ^2	08/07/2013 08:56	174822	1.00		50
LCSSRM 460-174822/2-A ^4	08/07/2013 08:56	174822	1.03		50
460-60690-5	08/07/2013 08:56	174822	1.02		50
460-60690-6	08/07/2013 08:56	174822	1.09		50

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-174783/11-A	08/07/2013 05:40	174783		30	30
LCS 460-174783/12-A	08/07/2013 05:40	174783		30	30
460-60690-7	08/07/2013 05:40	174783		30	30

FORM XII-IN

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-174840/1-A	08/07/2013 10:47	174840	0.60		50
LCSSRM 460-174840/2-A ^100	08/07/2013 10:47	174840	0.60		50
460-60690-1	08/07/2013 10:47	174840	0.61		50
460-60690-2	08/07/2013 10:47	174840	0.63		50
460-60690-3	08/07/2013 10:47	174840	0.62		50

FORM XII-IN

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			10:27																				
ZZZZZZ			10:31																				
ZZZZZZ			10:35																				
ZZZZZZ			10:38																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ICV 460-174895/7	1		10:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-174895/8	1		10:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-174895/9	1		10:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-174895/10	1		11:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:04																				
ZZZZZZ			11:08																				
ZZZZZZ			11:12																				
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				
ZZZZZZ			11:23																				
ZZZZZZ			11:27																				
ZZZZZZ			11:30																				
CCV 460-174895/19			11:34																				
CCB 460-174895/20			11:38																				
ZZZZZZ			11:41																				
ZZZZZZ			11:45																				
ZZZZZZ			11:48																				
ZZZZZZ			11:52																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:02																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
CCV 460-174895/31			12:17																				
CCB 460-174895/32			12:20																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				
ZZZZZZ			12:31																				
ZZZZZZ			12:35																				
ZZZZZZ			12:39																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-174895/43			13:00																				
CCB 460-174895/44			13:03																				
ZZZZZZ			13:07																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
ZZZZZZ			13:18																				
ZZZZZZ			13:22																				
ZZZZZZ			13:26																				
ZZZZZZ			13:29																				
ZZZZZZ			13:33																				
ZZZZZZ			13:37																				
ZZZZZZ			13:40																				
CCV 460-174895/55			13:44																				
CCB 460-174895/56			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:10																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:24																				
CCV 460-174895/67			14:27																				
CCB 460-174895/68			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:46																				
ZZZZZZ			14:50																				
ZZZZZZ			14:53																				
ZZZZZZ			14:57																				
ZZZZZZ			15:01																				
ZZZZZZ			15:04																				
ZZZZZZ			15:08																				
CCV 460-174895/79			15:12																				
CCB 460-174895/80			15:15																				
ZZZZZZ			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:27																				
ZZZZZZ			15:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:34																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				
ZZZZZZ			15:45																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
CCV 460-174895/91	1		15:56	X									X							X			
CCB 460-174895/92	1		16:00	X									X							X			
ZZZZZZ			16:03																				
ZZZZZZ			16:07																				
ZZZZZZ			16:11																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:32																				
LCSSRM 460-174822/2-A ^4	4	T	16:35	X									X							X			
CCV 460-174895/103	1		16:39	X									X							X			
CCB 460-174895/104	1		16:42	X									X							X			
MB 460-174822/1-A ^2	2	T	16:46	X									X							X			
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
CCV 460-174895/115	1		17:22	X									X							X			
CCB 460-174895/116	1		17:26	X									X							X			
ZZZZZZ			17:29																				
ZZZZZZ			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
460-60690-5	4	T	17:48	X									X										
460-60690-6	4	T	17:51										X							X			
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			18:02																				
CCV 460-174895/127	1		18:05	X									X							X			
CCB 460-174895/128	1		18:09	X									X							X			
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:23																				
ZZZZZZ			18:27																				
ZZZZZZ			18:31																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:42																				
CCV 460-174895/138			18:46																				
CCB 460-174895/139			18:49																				
ZZZZZZ			19:04																				
ZZZZZZ			19:07																				
ZZZZZZ			19:11																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:32																				
ZZZZZZ			19:36																				
CCV 460-174895/150			19:39																				
CCB 460-174895/151			19:43																				
ZZZZZZ			19:47																				
ZZZZZZ			19:50																				
ZZZZZZ			19:54																				
ZZZZZZ			19:58																				
ZZZZZZ			20:01																				
ZZZZZZ			20:05																				
ZZZZZZ			20:08																				
ZZZZZZ			20:12																				
ZZZZZZ			20:16																				
ZZZZZZ			20:19																				
CCV 460-174895/162	1		20:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-174895/163	1		20:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			20:30																				
ZZZZZZ			20:34																				
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			20:44																				
ZZZZZZ			20:48																				
ZZZZZZ			20:51																				
ZZZZZZ			20:55																				
ZZZZZZ			20:58																				
LCSSRM 460-174803/2-A ^4	4	T	21:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-174895/174	1		21:05	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-174895/175	1		21:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-174803/1-A ^2	2	T	21:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:16																				
ZZZZZZ			21:20																				
ZZZZZZ			21:23																				
ZZZZZZ			21:27																				
ZZZZZZ			21:30																				
ZZZZZZ			21:34																				
ZZZZZZ			21:37																				
ZZZZZZ			21:41																				
ZZZZZZ			21:45																				
CCV 460-174895/186	1		21:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-174895/187	1		21:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:06																				
ZZZZZZ			22:09																				
ZZZZZZ			22:13																				
ZZZZZZ			22:16																				
ZZZZZZ			22:20																				
460-60690-1	4	T	22:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-60690-2	4	T	22:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-174895/198	1		22:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-174895/199	1		22:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-60690-3	4	T	22:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-60690-4	4	T	22:42										X										
ZZZZZZ			22:45																				
ZZZZZZ			22:49																				
CCV 460-174895/204	1		22:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-174895/205	1		22:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			10:27																				
ZZZZZZ			10:31																				
ZZZZZZ			10:35																				
ZZZZZZ			10:38																				
ZZZZZZ			10:42																				
ZZZZZZ			10:45																				
ICV 460-174895/7	1		10:49	X	X																		
ICB 460-174895/8	1		10:53	X	X																		
ICSA 460-174895/9	1		10:57	X	X																		
ICSAB 460-174895/10	1		11:01	X	X																		
ZZZZZZ			11:04																				
ZZZZZZ			11:08																				
ZZZZZZ			11:12																				
ZZZZZZ			11:16																				
ZZZZZZ			11:20																				
ZZZZZZ			11:23																				
ZZZZZZ			11:27																				
ZZZZZZ			11:30																				
CCV 460-174895/19			11:34																				
CCB 460-174895/20			11:38																				
ZZZZZZ			11:41																				
ZZZZZZ			11:45																				
ZZZZZZ			11:48																				
ZZZZZZ			11:52																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:02																				
ZZZZZZ			12:06																				
ZZZZZZ			12:09																				
ZZZZZZ			12:13																				
CCV 460-174895/31			12:17																				
CCB 460-174895/32			12:20																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				
ZZZZZZ			12:31																				
ZZZZZZ			12:35																				
ZZZZZZ			12:39																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-174895/43			13:00																				
CCB 460-174895/44			13:03																				
ZZZZZZ			13:07																				
ZZZZZZ			13:11																				
ZZZZZZ			13:14																				
ZZZZZZ			13:18																				
ZZZZZZ			13:22																				
ZZZZZZ			13:26																				
ZZZZZZ			13:29																				
ZZZZZZ			13:33																				
ZZZZZZ			13:37																				
ZZZZZZ			13:40																				
CCV 460-174895/55			13:44																				
CCB 460-174895/56			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
ZZZZZZ			13:58																				
ZZZZZZ			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:10																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:20																				
ZZZZZZ			14:24																				
CCV 460-174895/67			14:27																				
CCB 460-174895/68			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:46																				
ZZZZZZ			14:50																				
ZZZZZZ			14:53																				
ZZZZZZ			14:57																				
ZZZZZZ			15:01																				
ZZZZZZ			15:04																				
ZZZZZZ			15:08																				
CCV 460-174895/79			15:12																				
CCB 460-174895/80			15:15																				
ZZZZZZ			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:27																				
ZZZZZZ			15:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:34																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				
ZZZZZZ			15:45																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
CCV 460-174895/91	1		15:56		X																		
CCB 460-174895/92	1		16:00		X																		
ZZZZZZ			16:03																				
ZZZZZZ			16:07																				
ZZZZZZ			16:11																				
ZZZZZZ			16:14																				
ZZZZZZ			16:18																				
ZZZZZZ			16:21																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
ZZZZZZ			16:32																				
LCSSRM 460-174822/2-A ^4	4	T	16:35		X																		
CCV 460-174895/103	1		16:39		X																		
CCB 460-174895/104	1		16:42		X																		
MB 460-174822/1-A ^2	2	T	16:46		X																		
ZZZZZZ			16:50																				
ZZZZZZ			16:53																				
ZZZZZZ			16:56																				
ZZZZZZ			17:00																				
ZZZZZZ			17:04																				
ZZZZZZ			17:07																				
ZZZZZZ			17:11																				
ZZZZZZ			17:15																				
ZZZZZZ			17:18																				
CCV 460-174895/115	1		17:22		X																		
CCB 460-174895/116	1		17:26		X																		
ZZZZZZ			17:29																				
ZZZZZZ			17:33																				
ZZZZZZ			17:37																				
ZZZZZZ			17:40																				
ZZZZZZ			17:44																				
460-60690-5	4	T	17:48		X																		
460-60690-6	4	T	17:51																				
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			18:02																				
CCV 460-174895/127	1		18:05		X																		
CCB 460-174895/128	1		18:09		X																		
ZZZZZZ			18:13																				
ZZZZZZ			18:16																				
ZZZZZZ			18:20																				
ZZZZZZ			18:23																				
ZZZZZZ			18:27																				
ZZZZZZ			18:31																				
ZZZZZZ			18:35																				
ZZZZZZ			18:38																				
ZZZZZZ			18:42																				
CCV 460-174895/138			18:46																				
CCB 460-174895/139			18:49																				
ZZZZZZ			19:04																				
ZZZZZZ			19:07																				
ZZZZZZ			19:11																				
ZZZZZZ			19:14																				
ZZZZZZ			19:18																				
ZZZZZZ			19:22																				
ZZZZZZ			19:25																				
ZZZZZZ			19:29																				
ZZZZZZ			19:32																				
ZZZZZZ			19:36																				
CCV 460-174895/150			19:39																				
CCB 460-174895/151			19:43																				
ZZZZZZ			19:47																				
ZZZZZZ			19:50																				
ZZZZZZ			19:54																				
ZZZZZZ			19:58																				
ZZZZZZ			20:01																				
ZZZZZZ			20:05																				
ZZZZZZ			20:08																				
ZZZZZZ			20:12																				
ZZZZZZ			20:16																				
ZZZZZZ			20:19																				
CCV 460-174895/162	1		20:23	X	X																		
CCB 460-174895/163	1		20:26	X	X																		
ZZZZZZ			20:30																				
ZZZZZZ			20:34																				
ZZZZZZ			20:37																				
ZZZZZZ			20:41																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/07/2013 10:27 End Date: 08/07/2013 22:56

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			20:44																				
ZZZZZZ			20:48																				
ZZZZZZ			20:51																				
ZZZZZZ			20:55																				
ZZZZZZ			20:58																				
LCSSRM 460-174803/2-A ^4	4	T	21:02	X	X																		
CCV 460-174895/174	1		21:05	X	X																		
CCB 460-174895/175	1		21:09	X	X																		
MB 460-174803/1-A ^2	2	T	21:13	X	X																		
ZZZZZZ			21:16																				
ZZZZZZ			21:20																				
ZZZZZZ			21:23																				
ZZZZZZ			21:27																				
ZZZZZZ			21:30																				
ZZZZZZ			21:34																				
ZZZZZZ			21:37																				
ZZZZZZ			21:41																				
ZZZZZZ			21:45																				
CCV 460-174895/186	1		21:48	X	X																		
CCB 460-174895/187	1		21:52	X	X																		
ZZZZZZ			21:55																				
ZZZZZZ			21:59																				
ZZZZZZ			22:02																				
ZZZZZZ			22:06																				
ZZZZZZ			22:09																				
ZZZZZZ			22:13																				
ZZZZZZ			22:16																				
ZZZZZZ			22:20																				
460-60690-1	4	T	22:23	X	X																		
460-60690-2	4	T	22:27	X	X																		
CCV 460-174895/198	1		22:31	X	X																		
CCB 460-174895/199	1		22:34	X	X																		
460-60690-3	4	T	22:38	X	X																		
460-60690-4	4	T	22:42																				
ZZZZZZ			22:45																				
ZZZZZZ			22:49																				
CCV 460-174895/204	1		22:52	X	X																		
CCB 460-174895/205	1		22:56	X	X																		

Prep Types

T = Total/NA

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ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			09:58																				
ZZZZZZ			10:02																				
ZZZZZZ			10:05																				
ZZZZZZ			10:09																				
ZZZZZZ			10:12																				
ZZZZZZ			10:16																				
ICV 460-175179/7	1		10:20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-175179/8	1		10:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-175179/9	1		10:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-175179/10	1		10:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			10:35																				
ZZZZZZ			10:39																				
ZZZZZZ			10:43																				
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:53																				
460-60690-7	1	T	10:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-174807/2-A	1	T	11:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 460-175179/19	1		11:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-175179/20	1		11:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-174807/1-A	1	T	11:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:15																				
ZZZZZZ			11:18																				
ZZZZZZ			11:22																				
ZZZZZZ			11:26																				
ZZZZZZ			11:30																				
ZZZZZZ			11:34																				
ZZZZZZ			11:37																				
ZZZZZZ			11:41																				
ZZZZZZ			11:45																				
CCV 460-175179/31	1		11:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-175179/32	1		11:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:03																				
ZZZZZZ			12:06																				
ZZZZZZ			12:10																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:21																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
CCV 460-175179/43	1		12:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-175179/44	1		12:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			12:39																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				
ZZZZZZ			13:00																				
ZZZZZZ			13:03																				
ZZZZZZ			13:07																				
ZZZZZZ			13:11																				
CCV 460-175179/55			13:14																				
CCB 460-175179/56			13:18																				
ZZZZZZ			13:22																				
ZZZZZZ			13:25																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:36																				
ZZZZZZ			13:39																				
ZZZZZZ			13:43																				
ZZZZZZ			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
CCV 460-175179/67			13:58																				
CCB 460-175179/68			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:09																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:28																				
ZZZZZZ			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:39																				
ZZZZZZ			14:43																				
CCV 460-175179/79			14:47																				
CCB 460-175179/80			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:09																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
ZZZZZZ			15:24																				
ZZZZZZ			15:27																				
CCV 460-175179/91			15:31																				
CCB 460-175179/92			15:35																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
ZZZZZZ			15:57																				
ZZZZZZ			16:01																				
ZZZZZZ			16:04																				
ZZZZZZ			16:07																				
ZZZZZZ			16:11																				
CCV 460-175179/103			16:14																				
CCB 460-175179/104			16:18																				
ZZZZZZ			16:22																				
ZZZZZZ			16:26																				
ZZZZZZ			16:29																				
ZZZZZZ			16:33																				
ZZZZZZ			16:36																				
ZZZZZZ			16:40																				
ZZZZZZ			16:44																				
ZZZZZZ			16:48																				
ZZZZZZ			16:51																				
ZZZZZZ			16:54																				
CCV 460-175179/115			16:58																				
CCB 460-175179/116			17:01																				
ZZZZZZ			17:05																				
ZZZZZZ			17:09																				
ZZZZZZ			17:13																				
CCV 460-175179/120			17:17																				
CCB 460-175179/121			17:20																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			09:58																				
ZZZZZZ			10:02																				
ZZZZZZ			10:05																				
ZZZZZZ			10:09																				
ZZZZZZ			10:12																				
ZZZZZZ			10:16																				
ICV 460-175179/7	1		10:20	X	X																		
ICB 460-175179/8	1		10:24	X	X																		
ICSA 460-175179/9	1		10:27	X	X																		
ICSAB 460-175179/10	1		10:31	X	X																		
ZZZZZZ			10:35																				
ZZZZZZ			10:39																				
ZZZZZZ			10:43																				
ZZZZZZ			10:46																				
ZZZZZZ			10:50																				
ZZZZZZ			10:53																				
460-60690-7	1	T	10:57	X	X																		
LCS 460-174807/2-A	1	T	11:00	X	X																		
CCV 460-175179/19	1		11:04	X	X																		
CCB 460-175179/20	1		11:07	X	X																		
MB 460-174807/1-A	1	T	11:11	X	X																		
ZZZZZZ			11:15																				
ZZZZZZ			11:18																				
ZZZZZZ			11:22																				
ZZZZZZ			11:26																				
ZZZZZZ			11:30																				
ZZZZZZ			11:34																				
ZZZZZZ			11:37																				
ZZZZZZ			11:41																				
ZZZZZZ			11:45																				
CCV 460-175179/31	1		11:48	X	X																		
CCB 460-175179/32	1		11:52	X	X																		
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:03																				
ZZZZZZ			12:06																				
ZZZZZZ			12:10																				
ZZZZZZ			12:14																				
ZZZZZZ			12:17																				
ZZZZZZ			12:21																				
ZZZZZZ			12:24																				
ZZZZZZ			12:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
CCV 460-175179/43	1		12:31	X	X																		
CCB 460-175179/44	1		12:35	X	X																		
ZZZZZZ			12:39																				
ZZZZZZ			12:42																				
ZZZZZZ			12:46																				
ZZZZZZ			12:49																				
ZZZZZZ			12:53																				
ZZZZZZ			12:57																				
ZZZZZZ			13:00																				
ZZZZZZ			13:03																				
ZZZZZZ			13:07																				
ZZZZZZ			13:11																				
CCV 460-175179/55			13:14																				
CCB 460-175179/56			13:18																				
ZZZZZZ			13:22																				
ZZZZZZ			13:25																				
ZZZZZZ			13:29																				
ZZZZZZ			13:32																				
ZZZZZZ			13:36																				
ZZZZZZ			13:39																				
ZZZZZZ			13:43																				
ZZZZZZ			13:47																				
ZZZZZZ			13:51																				
ZZZZZZ			13:55																				
CCV 460-175179/67			13:58																				
CCB 460-175179/68			14:02																				
ZZZZZZ			14:06																				
ZZZZZZ			14:09																				
ZZZZZZ			14:13																				
ZZZZZZ			14:17																				
ZZZZZZ			14:21																				
ZZZZZZ			14:28																				
ZZZZZZ			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:39																				
ZZZZZZ			14:43																				
CCV 460-175179/79			14:47																				
CCB 460-175179/80			14:51																				
ZZZZZZ			14:54																				
ZZZZZZ			14:58																				
ZZZZZZ			15:02																				
ZZZZZZ			15:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: ICP5 Method: 6010B

Start Date: 08/08/2013 09:58 End Date: 08/08/2013 17:20

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:09																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:20																				
ZZZZZZ			15:24																				
ZZZZZZ			15:27																				
CCV 460-175179/91			15:31																				
CCB 460-175179/92			15:35																				
ZZZZZZ			15:38																				
ZZZZZZ			15:42																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
ZZZZZZ			15:57																				
ZZZZZZ			16:01																				
ZZZZZZ			16:04																				
ZZZZZZ			16:07																				
ZZZZZZ			16:11																				
CCV 460-175179/103			16:14																				
CCB 460-175179/104			16:18																				
ZZZZZZ			16:22																				
ZZZZZZ			16:26																				
ZZZZZZ			16:29																				
ZZZZZZ			16:33																				
ZZZZZZ			16:36																				
ZZZZZZ			16:40																				
ZZZZZZ			16:44																				
ZZZZZZ			16:48																				
ZZZZZZ			16:51																				
ZZZZZZ			16:54																				
CCV 460-175179/115			16:58																				
CCB 460-175179/116			17:01																				
ZZZZZZ			17:05																				
ZZZZZZ			17:09																				
ZZZZZZ			17:13																				
CCV 460-175179/120			17:17																				
CCB 460-175179/121			17:20																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/07/2013 08:11 End Date: 08/07/2013 11:26

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			08:11																				
ZZZZZZ			08:13																				
ZZZZZZ			08:15																				
ZZZZZZ			08:16																				
ZZZZZZ			08:19																				
ZZZZZZ			08:21																				
ZZZZZZ			08:22																				
ZZZZZZ			08:25																				
ZZZZZZ			08:26																				
ZZZZZZ			08:28																				
ZZZZZZ			08:30																				
ZZZZZZ			08:32																				
ZZZZZZ			08:35																				
ZZZZZZ			08:37																				
ZZZZZZ			08:39																				
ZZZZZZ			08:41																				
ZZZZZZ			08:43																				
ZZZZZZ			08:45																				
ZZZZZZ			08:47																				
ZZZZZZ			08:49																				
ZZZZZZ			08:51																				
ZZZZZZ			08:54																				
ZZZZZZ			08:55																				
ZZZZZZ			08:58																				
ZZZZZZ			09:00																				
ZZZZZZ			09:01																				
ZZZZZZ			09:03																				
ZZZZZZ			09:05																				
ZZZZZZ			09:07																				
ZZZZZZ			09:09																				
ZZZZZZ			09:11																				
IC 460-174783/1-A			09:14	X																			
IC 460-174783/2-A			09:16	X																			
IC 460-174783/3-A			09:18	X																			
IC 460-174783/4-A			09:20	X																			
IC 460-174783/5-A			09:21	X																			
IC 460-174783/6-A			09:23	X																			
ICV 460-174783/7-A	1		09:26	X																			
ICB 460-174855/39	1		09:28	X																			
ZZZZZZ			09:29																				
MB 460-174783/11-A	1	T	09:31	X																			
LCS 460-174783/12-A	1	T	09:33	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/07/2013 08:11 End Date: 08/07/2013 11:26

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			09:35																				
ZZZZZZ			09:37																				
ZZZZZZ			09:39																				
ZZZZZZ			09:41																				
ZZZZZZ			09:43																				
ZZZZZZ			09:45																				
ZZZZZZ			09:46																				
CCV 460-174783/8-A	1		09:49	X																			
CCB 460-174783/9-A	1		09:51	X																			
ZZZZZZ			09:52																				
ZZZZZZ			09:54																				
460-60690-7	1	T	09:56	X																			
ZZZZZZ			09:58																				
ZZZZZZ			10:00																				
ZZZZZZ			10:02																				
ZZZZZZ			10:04																				
ZZZZZZ			10:05																				
ZZZZZZ			10:07																				
ZZZZZZ			10:10																				
CCV 460-174783/8-A	1		10:13	X																			
CCB 460-174783/9-A	1		10:14	X																			
ZZZZZZ			10:16																				
ZZZZZZ			10:19																				
ZZZZZZ			10:21																				
ZZZZZZ			10:23																				
ZZZZZZ			10:24																				
ZZZZZZ			10:26																				
ZZZZZZ			10:28																				
ZZZZZZ			10:30																				
ZZZZZZ			10:32																				
CCV 460-174783/8-A	1		10:34	X																			
CCB 460-174783/9-A	1		10:36	X																			
ZZZZZZ			10:38																				
ZZZZZZ			10:40																				
ZZZZZZ			10:42																				
ZZZZZZ			10:44																				
ZZZZZZ			10:46																				
ZZZZZZ			10:49																				
ZZZZZZ			10:51																				
ZZZZZZ			10:53																				
ZZZZZZ			10:55																				
ZZZZZZ			10:57																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: LEEMAN5 Method: 7470A

Start Date: 08/07/2013 08:11 End Date: 08/07/2013 11:26

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
CCV 460-174783/8-A			11:00																				
CCB 460-174783/9-A			11:02																				
ZZZZZZ			11:03																				
ZZZZZZ			11:06																				
ZZZZZZ			11:08																				
ZZZZZZ			11:10																				
ZZZZZZ			11:12																				
ZZZZZZ			11:14																				
ZZZZZZ			11:16																				
ZZZZZZ			11:19																				
ZZZZZZ			11:21																				
ZZZZZZ			11:23																				
CCV 460-174783/8-A			11:25																				
CCB 460-174783/9-A			11:26																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

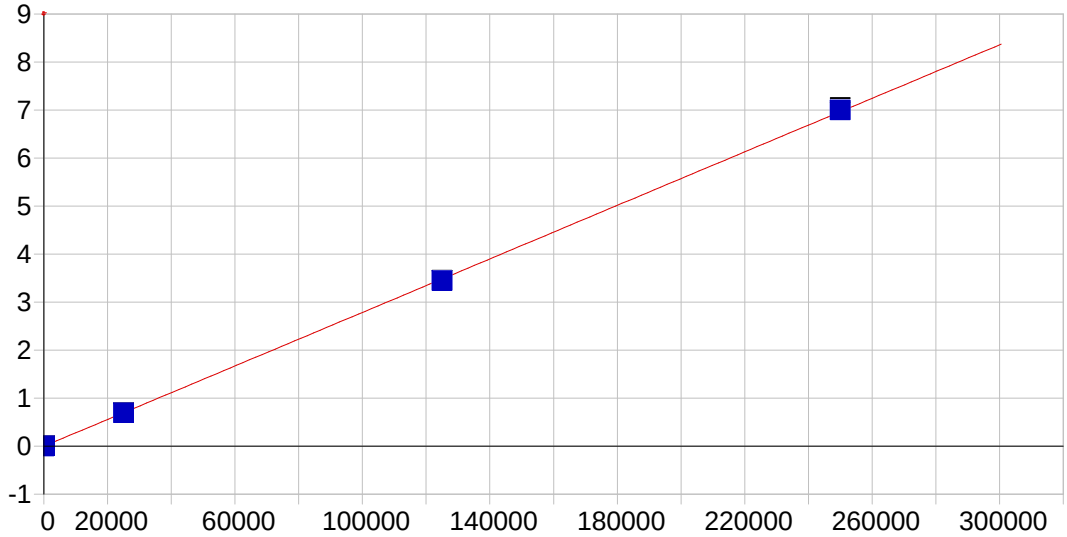
Instrument ID: LEEMAN5 Method: 7471A

Start Date: 08/07/2013 16:10 End Date: 08/07/2013 17:19

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
IC 460-174840/22-A			16:10	X																			
IC 460-174840/23-A			16:13	X																			
IC 460-174840/24-A			16:15	X																			
IC 460-174840/25-A			16:17	X																			
IC 460-174840/26-A			16:19	X																			
IC 460-174840/27-A			16:21	X																			
ICV 460-174931/7	1		16:23	X																			
ICB 460-174931/8	1		16:25	X																			
MB 460-174840/1-A	1	T	16:27	X																			
LCSSRM 460-174840/2-A ^100	100	T	16:29	X																			
ZZZZZZ			16:31																				
ZZZZZZ			16:32																				
ZZZZZZ			16:34																				
ZZZZZZ			16:36																				
ZZZZZZ			16:38																				
CCV 460-174931/16	1		16:40	X																			
CCB 460-174931/17	1		16:42	X																			
ZZZZZZ			16:44																				
ZZZZZZ			16:46																				
ZZZZZZ			16:47																				
ZZZZZZ			16:49																				
ZZZZZZ			16:51																				
ZZZZZZ			16:53																				
ZZZZZZ			16:55																				
CCV 460-174931/25	1		16:56	X																			
CCB 460-174931/26	1		16:58	X																			
ZZZZZZ			17:00																				
ZZZZZZ			17:03																				
460-60690-1	1	T	17:04	X																			
460-60690-2	1	T	17:07	X																			
460-60690-3	1	T	17:09	X																			
ZZZZZZ			17:11																				
ZZZZZZ			17:13																				
ZZZZZZ			17:15																				
CCV 460-174931/35	1		17:17	X																			
CCB 460-174931/36	1		17:19	X																			

Prep Types

T = Total/NA

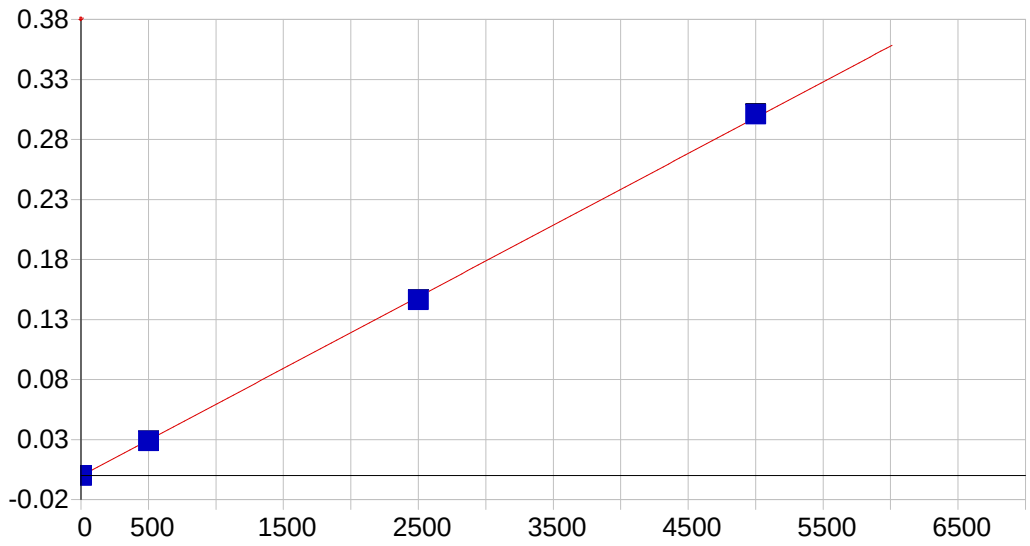


Al 396.152 { 85}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000874	Re-Slope:	1.000000
A1 (Gain):	0.000028	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000066		
Predicted MDL:	9.564899		
Predicted MQL:	31.882996		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00923	-.009	.000	-.00087	.000	1
DCAL2	200.00	210.11	10.1	5.06	.00500	.000	1
DCAL3	25000.	25008.	7.96	.032	.69662	.002	1
DCAL4	125000.	123840.	-1160.	-.931	3.4530	.003	1
DCAL5	250000.	251150.	1150.	.458	7.0037	.043	1

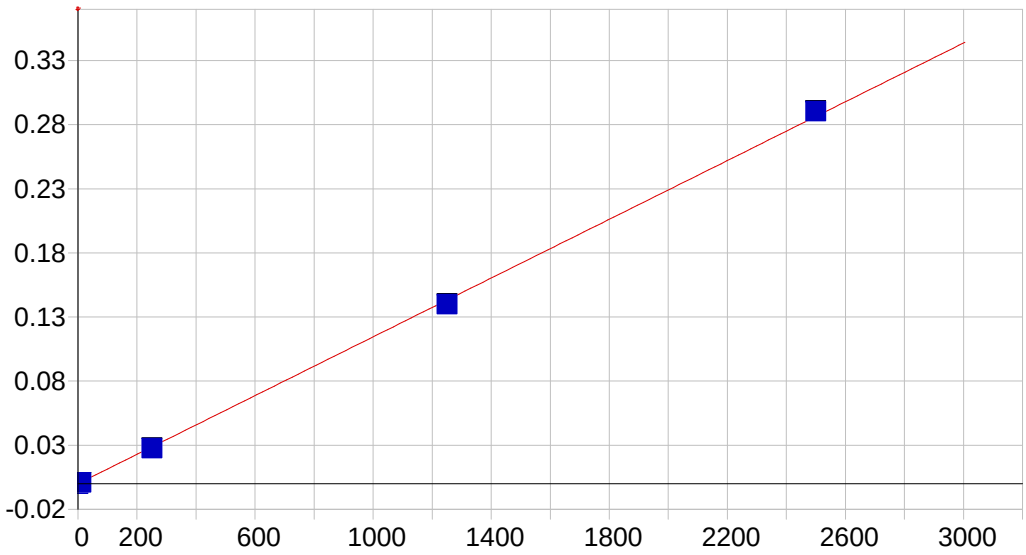


As 189.042 {478}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000366	Re-Slope:	1.000000
A1 (Gain):	0.000060	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999880	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	1.668881		
Predicted MQL:	5.562937		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00136	-.001	.000	-.00037	.000	1
DCAL2	5.0000	6.5057	1.51	30.1	.00002	.000	1
DCAL3	500.00	488.52	-11.5	-2.30	.02876	.000	1
DCAL4	2500.0	2458.9	-41.1	-1.64	.14625	.000	1
DCAL5	5000.0	5051.0	51.0	1.02	.30082	.000	1

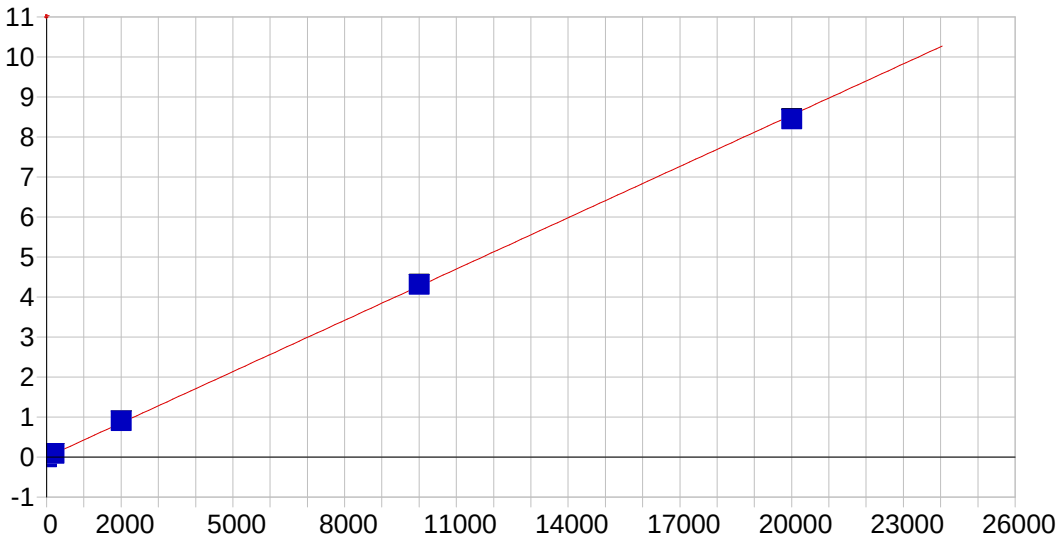


Ag 328.068 {103}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000026	Re-Slope:	1.000000
A1 (Gain):	0.000115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999828	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.637723		
Predicted MQL:	2.125744		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00077	.001	.000	-.00003	.000	1
DCAL2	10.000	9.6039	-.396	-3.96	.00107	.000	1
DCAL3	250.00	242.74	-7.26	-2.91	.02776	.000	1
DCAL4	1250.0	1221.9	-28.1	-2.25	.13984	.001	1
DCAL5	2500.0	2535.8	35.8	1.43	.29026	.001	1

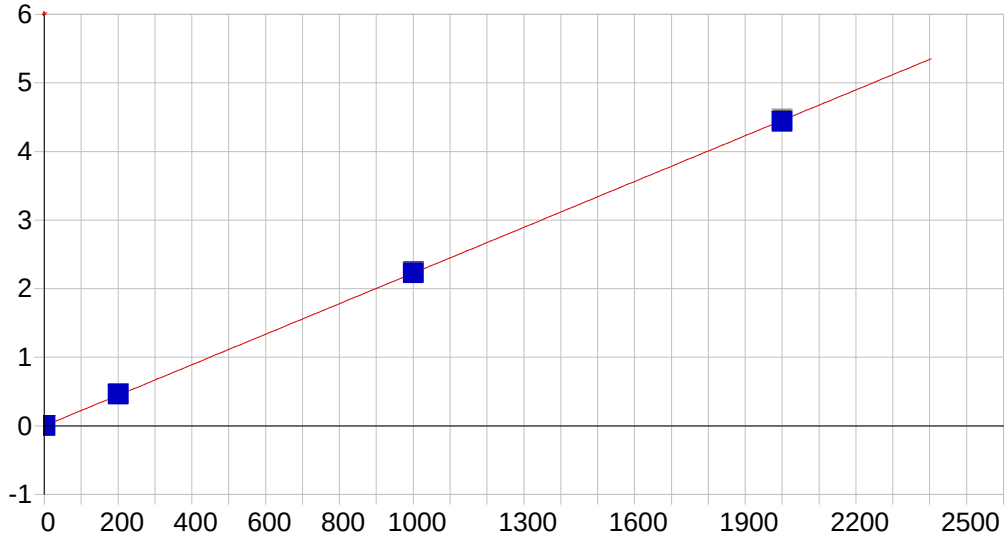


Ba 233.527 {445}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000038	Re-Slope:	1.000000
A1 (Gain):	0.000427	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999834	Status:	OK.
Std Error of Est:	0.000805		
Predicted MDL:	0.228563		
Predicted MQL:	0.761876		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02520	-.025	.000	-.00005	.000	1
DCAL2	200.00	214.42	14.4	7.21	.09156	.000	1
DCAL3	2000.0	2110.4	110.	5.52	.90094	.001	1
DCAL4	10000.	10100.	99.8	.998	4.3117	.002	1
DCAL5	20000.	19775.	-225.	-1.12	8.4423	.008	1



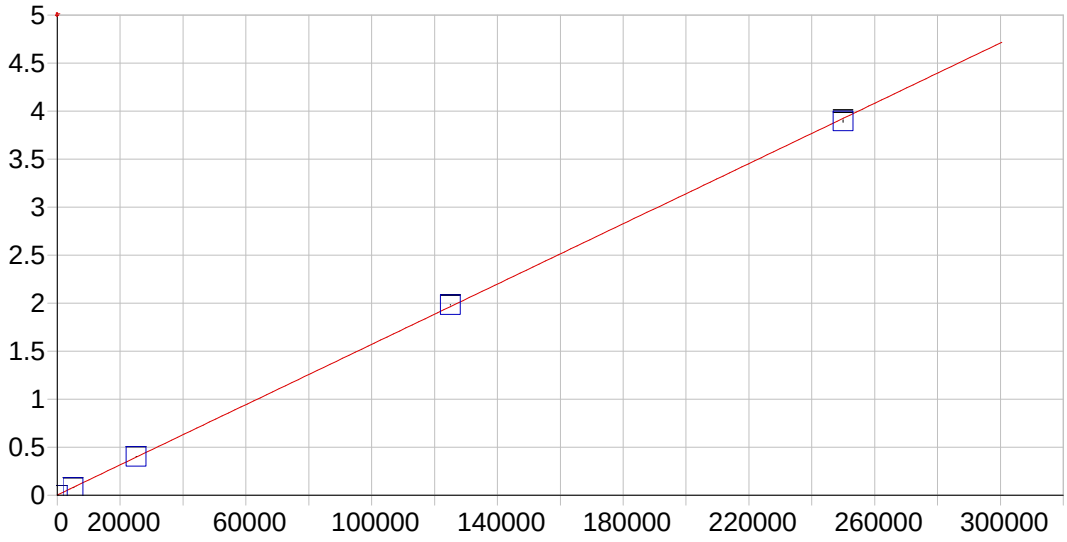
Be 313.042 {108}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000160	Re-Slope:	1.000000

A1 (Gain):	0.002226	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000067		
Predicted MDL:	0.085544		
Predicted MQL:	0.285146		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	-.000	.000	.00016	.000	1
DCAL2	2.0000	2.1695	.170	8.48	.00511	.000	1
DCAL3	200.00	206.62	6.62	3.31	.46315	.002	1
DCAL4	1000.0	1001.4	1.44	.144	2.2446	.001	1
DCAL5	2000.0	1991.8	-8.24	-.412	4.4642	.004	1

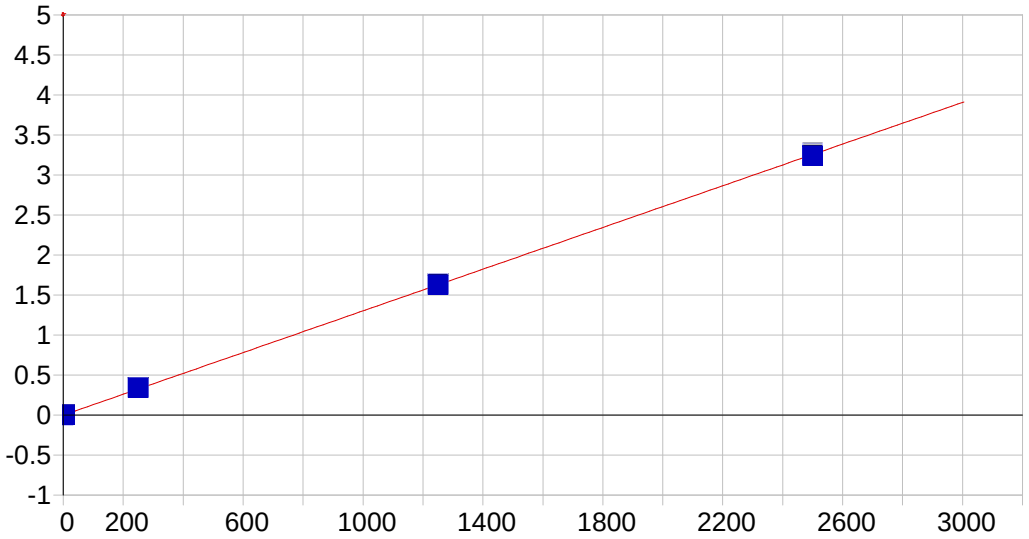


Ca 318.128 {106}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002428	Re-Slope:	1.000000
A1 (Gain):	0.000016	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000284		
Predicted MDL:	4.891737		
Predicted MQL:	16.305792		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.12462	-.125	.000	.00243	.000	1
DCAL2	5000.0	5002.0	2.02	.040	.08091	.000	1
DCAL3	25000.	25534.	534.	2.13	.40305	.001	1
DCAL4	125000.	126330.	1330.	1.06	1.9845	.004	1
DCAL5	250000.	248140.	-1860.	-.746	3.8956	.014	1

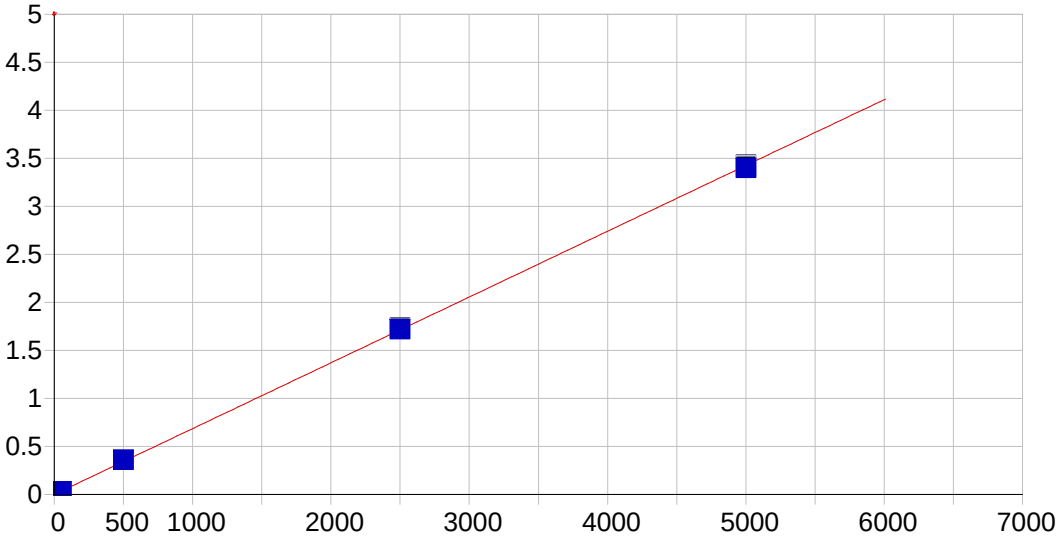


Cd 226.502 {449}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000432	Re-Slope:	1.000000
A1 (Gain):	0.001303	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000091		
Predicted MDL:	0.114860		
Predicted MQL:	0.382868		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00033	-.000	.000	-.00043	.000	1
DCAL2	4.0000	4.1482	.148	3.70	.00499	.000	1
DCAL3	250.00	262.83	12.8	5.13	.34503	.001	1
DCAL4	1250.0	1249.9	-.129	-.010	1.6432	.002	1
DCAL5	2500.0	2487.2	-12.8	-.514	3.2704	.002	1



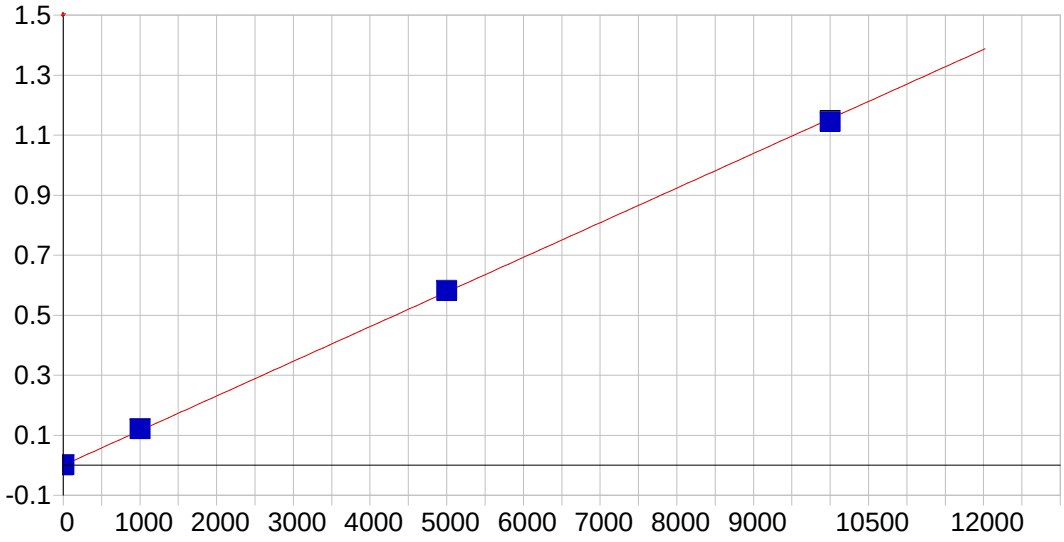
Co 228.616 {447}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000531	Re-Slope:	1.000000

A1 (Gain):	0.000685	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999878	Status:	OK.
Std Error of Est:	0.000279		
Predicted MDL:	0.244498		
Predicted MQL:	0.814995		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00593	-.006	.000	.00053	.000	1
DCAL2	50.000	53.480	3.48	6.96	.03719	.000	1
DCAL3	500.00	526.70	26.7	5.34	.36410	.000	1
DCAL4	2500.0	2508.4	8.38	.335	1.7326	.001	1
DCAL5	5000.0	4961.5	-38.5	-.771	3.4268	.003	1

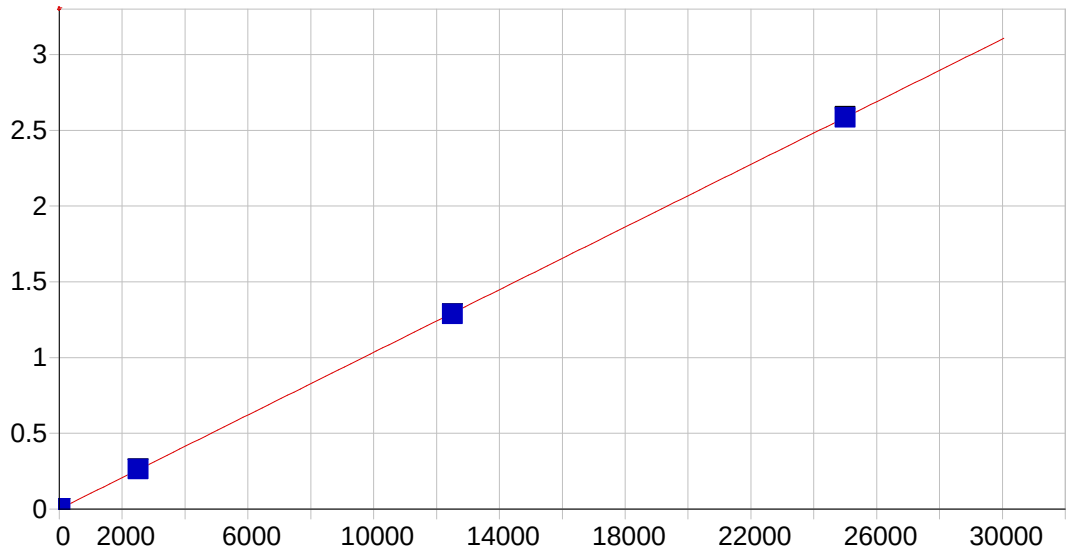


Cr 267.716 {126}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000018	Re-Slope:	1.000000
A1 (Gain):	0.000115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.437782		
Predicted MQL:	1.459274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00118	-.001	.000	-.00002	.000	1
DCAL2	10.000	10.749	.749	7.49	.00123	.000	1
DCAL3	1000.0	1044.0	44.0	4.40	.12054	.000	1
DCAL4	5000.0	5036.8	36.8	.736	.58159	.001	1
DCAL5	10000.	9918.4	-81.6	-.816	1.1453	.003	1

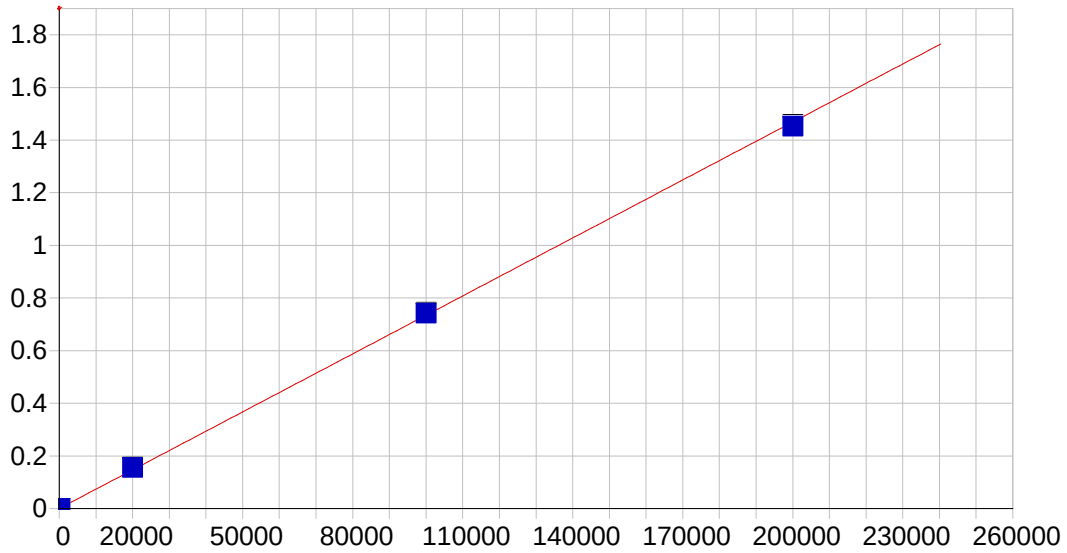


Cu 324.754 {104}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000685	Re-Slope:	1.000000
A1 (Gain):	0.000103	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000015		
Predicted MDL:	1.900011		
Predicted MQL:	6.333371		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00036	.000	.000	.00069	.000	1
DCAL1	10.000	9.2875	-.712	-7.12	.00164	.000	1
DCAL2	25.000	25.439	.439	1.76	.00331	.000	1
DCAL3	2500.0	2555.3	55.3	2.21	.26452	.000	1
DCAL4	12500.	12449.	-50.6	-.405	1.2860	.002	1
DCAL5	25000.	24996.	-4.47	-.018	2.5814	.007	1

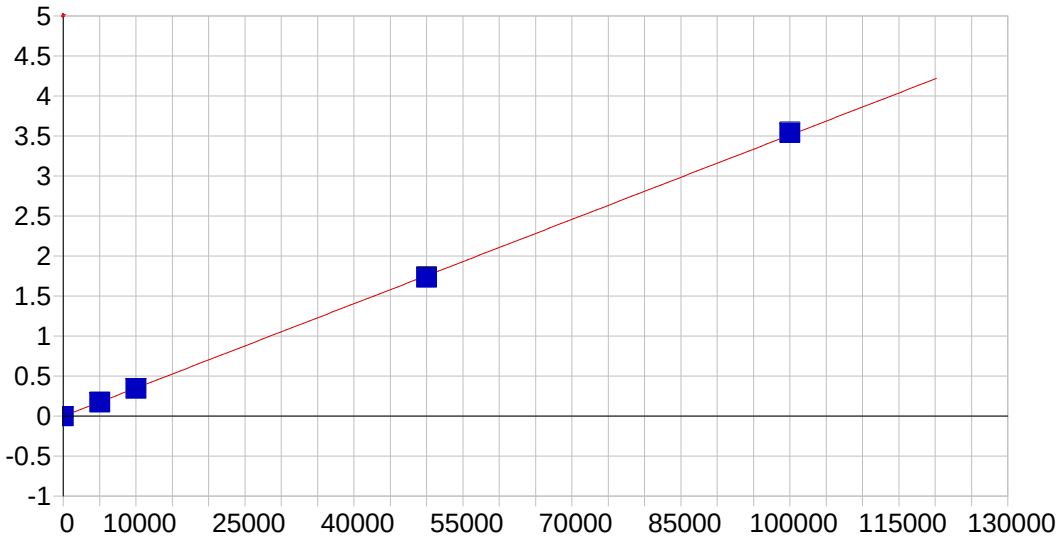


Fe 271.441 {124}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000073	Re-Slope:	1.000000
A1 (Gain):	0.000007	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999817	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	7.767629		
Predicted MQL:	25.892096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.04910	-.049	.000	.00007	.000	1
DCAL1	100.00	112.81	12.8	12.8	.00090	.000	1
DCAL2	150.00	195.81	45.8	30.5	.00154	.000	1
DCAL3	20000.	21179.	1180.	5.90	.15598	.000	1
DCAL4	100000.	100950.	948.	.948	.74328	.002	1
DCAL5	200000.	197810.	-2190.	-1.09	1.4565	.004	1

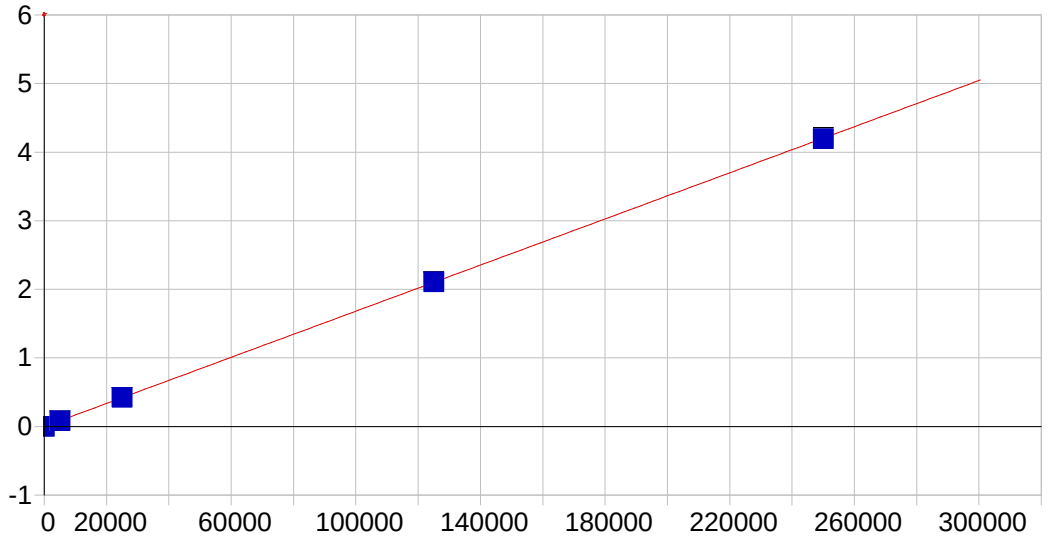


K 766.490 { 44}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000988	Re-Slope:	1.000000
A1 (Gain):	0.000035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000457		
Predicted MDL:	24.748865		
Predicted MQL:	82.496218		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.19679	.197	.000	-.00098	.000	1
DCAL2	5000.0	4901.1	-98.9	-1.98	.17112	.001	1
DCAL3	10000.	9841.7	-158.	-1.58	.34475	.001	1
DCAL4	50000.	49368.	-632.	-1.26	1.7333	.003	1
DCAL5	100000.	100890.	889.	.889	3.5432	.004	1

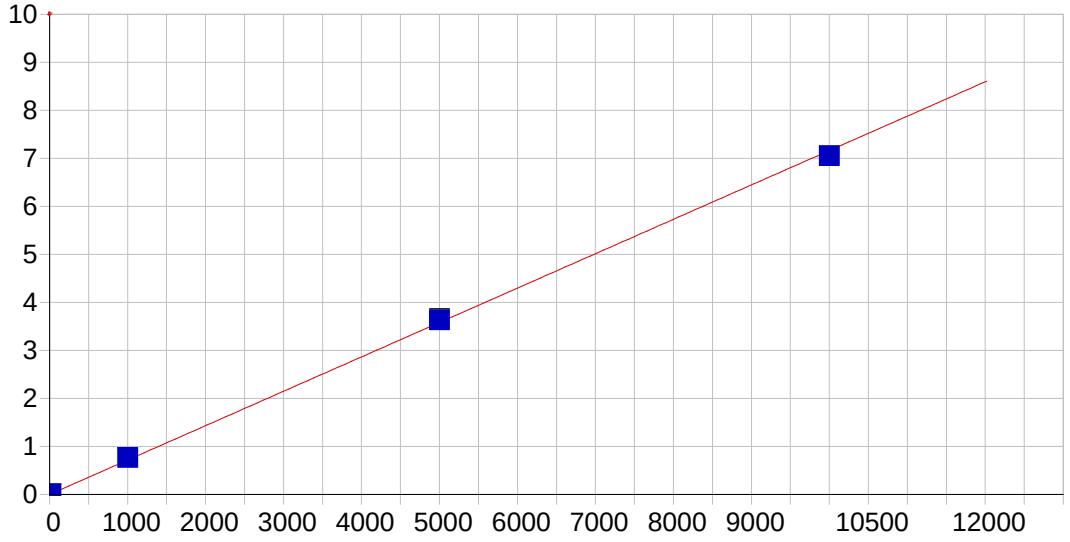


Mg 279.079 {121}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000012	Re-Slope:	1.000000
A1 (Gain):	0.000017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999996	Status:	OK.
Std Error of Est:	0.000084		
Predicted MDL:	3.387592		
Predicted MQL:	11.291975		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.07619	-.076	.000	.00001	.000	1
DCAL2	5000.0	5042.5	42.5	.849	.08478	.000	1
DCAL3	25000.	25161.	161.	.643	.42272	.001	1
DCAL4	125000.	125280.	283.	.226	2.1048	.006	1
DCAL5	250000.	249510.	-486.	-.194	4.1919	.017	1



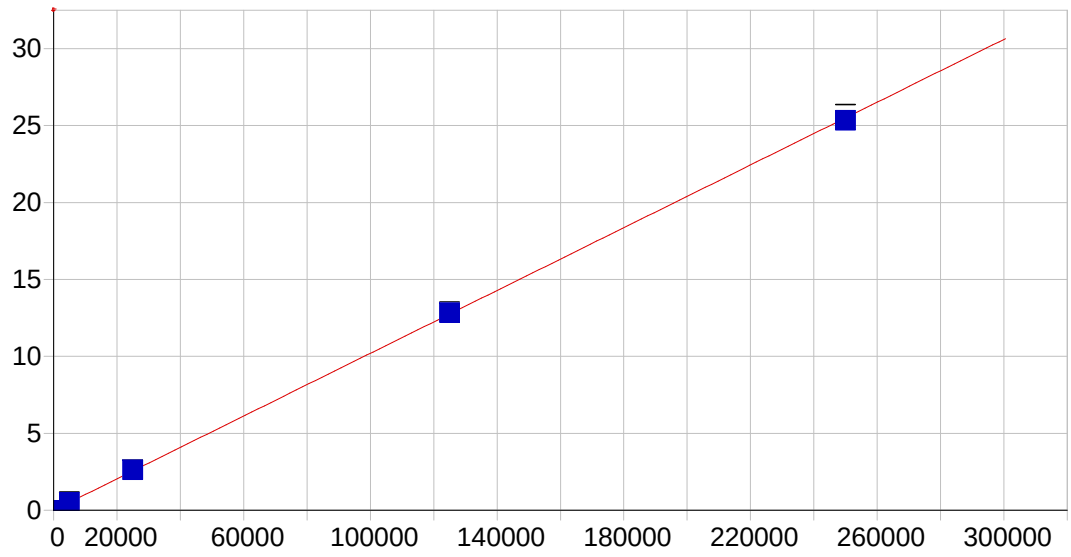
Mn 257.610 {131}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000057	Re-Slope:	1.000000

A1 (Gain):	0.000716	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000332		
Predicted MDL:	0.064231		
Predicted MQL:	0.214105		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00275	-.003	.000	.00006	.000	1
DCAL2	15.000	16.668	1.67	11.1	.01200	.000	1
DCAL3	1000.0	1071.7	71.7	7.17	.76761	.001	1
DCAL4	5000.0	5074.0	74.0	1.48	3.6339	.020	1
DCAL5	10000.	9852.6	-147.	-1.47	7.0561	.007	1

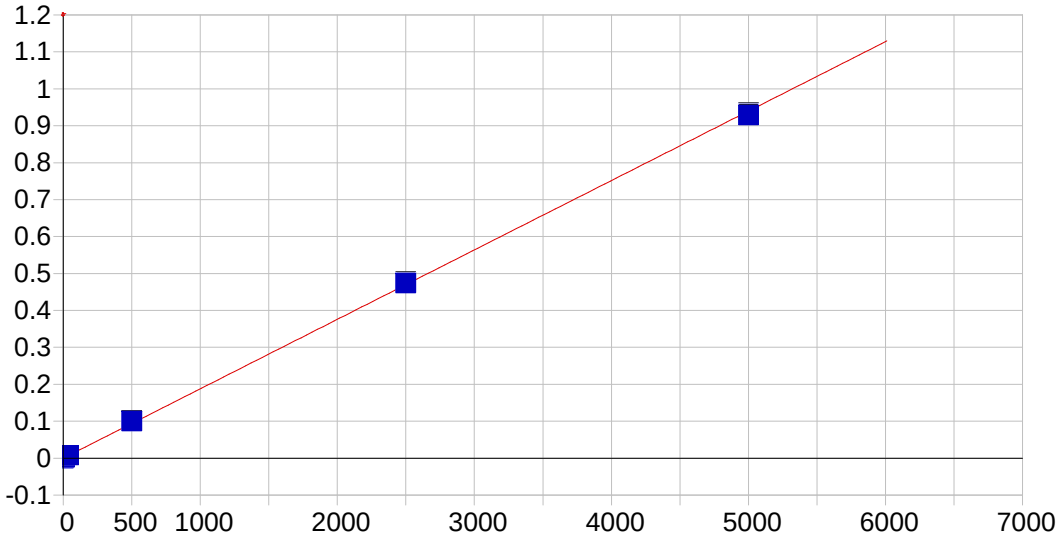


Na 589.592 { 57}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002554	Re-Slope:	1.000000
A1 (Gain):	0.000102	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.001783		
Predicted MDL:	7.838939		
Predicted MQL:	26.129797		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.27621	-.276	.000	.00253	.001	1
DCAL2	5000.0	5150.9	151.	3.02	.52799	.002	1
DCAL3	25000.	25615.	615.	2.46	2.6163	.003	1
DCAL4	125000.	125880.	879.	.703	12.847	.041	1
DCAL5	250000.	248360.	-1640.	-.658	25.345	.386	1

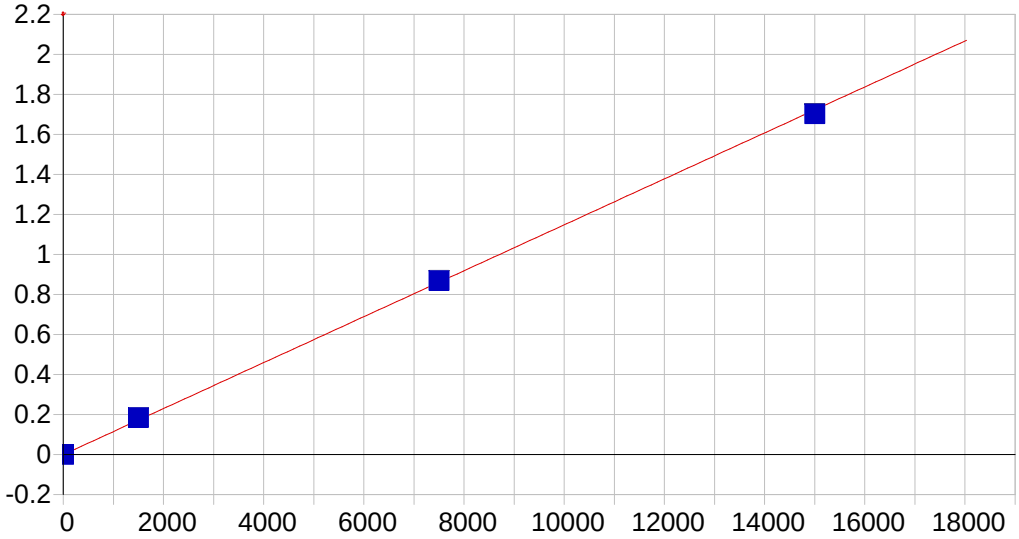


Ni 231.604 {446}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000083	Re-Slope:	1.000000
A1 (Gain):	0.000188	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.643321		
Predicted MQL:	2.144404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00188	-.002	.000	-.00008	.000	1
DCAL1	10.000	10.538	.538	5.38	.00190	.000	1
DCAL2	40.000	42.868	2.87	7.17	.00800	.000	1
DCAL3	500.00	532.67	32.7	6.53	.10054	.000	1
DCAL4	2500.0	2521.9	21.9	.876	.47645	.000	1
DCAL5	5000.0	4942.0	-58.0	-1.16	.93386	.001	1

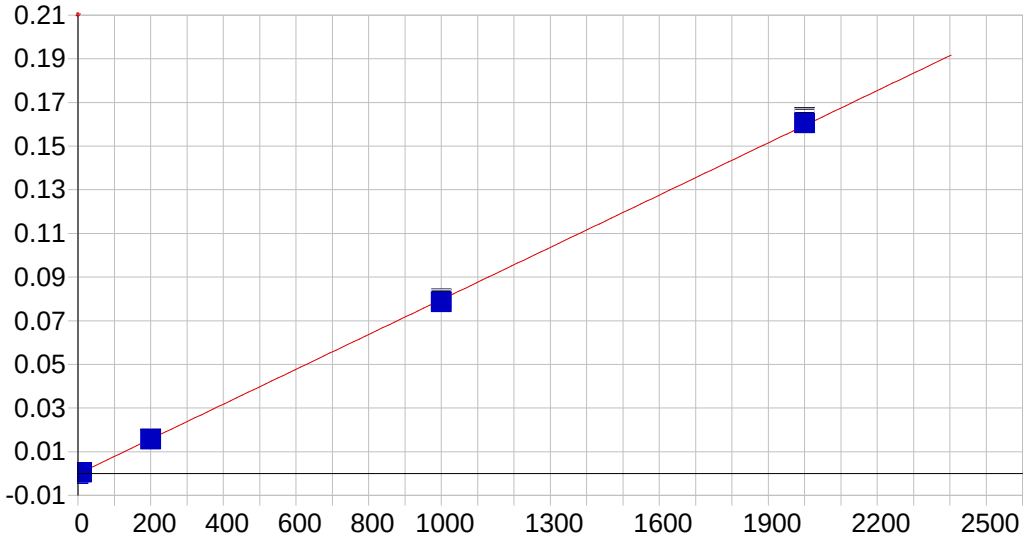


Pb 220.353 {453}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000009	Re-Slope:	1.000000
A1 (Gain):	0.000115	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999812	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	1.297754		
Predicted MQL:	4.325845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00086	-.001	.000	-.00001	.000	1
DCAL2	5.0000	5.5442	.544	10.9	.00064	.000	1
DCAL3	1500.0	1597.8	97.8	6.52	.18341	.000	1
DCAL4	7500.0	7570.5	70.5	.939	.86900	.001	1
DCAL5	15000.	14831.	-169.	-1.13	1.7024	.000	1

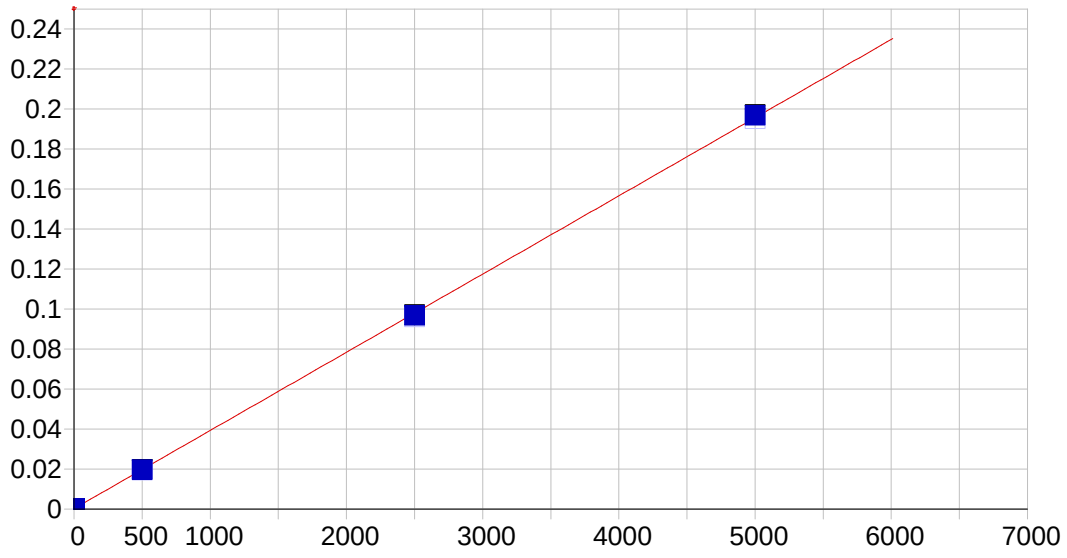


Sb 206.833 {463}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000181	Re-Slope:	1.000000
A1 (Gain):	0.000080	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000006		
Predicted MDL:	1.588402		
Predicted MQL:	5.294674		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00087	.001	.000	-.00018	.000	1
DCAL2	10.000	9.2356	-.764	-7.64	.00056	.000	1
DCAL3	200.00	199.00	-.998	-.499	.01592	.000	1
DCAL4	1000.0	987.43	-12.6	-1.26	.07971	.000	1
DCAL5	2000.0	2014.3	14.3	.716	.16275	.000	1

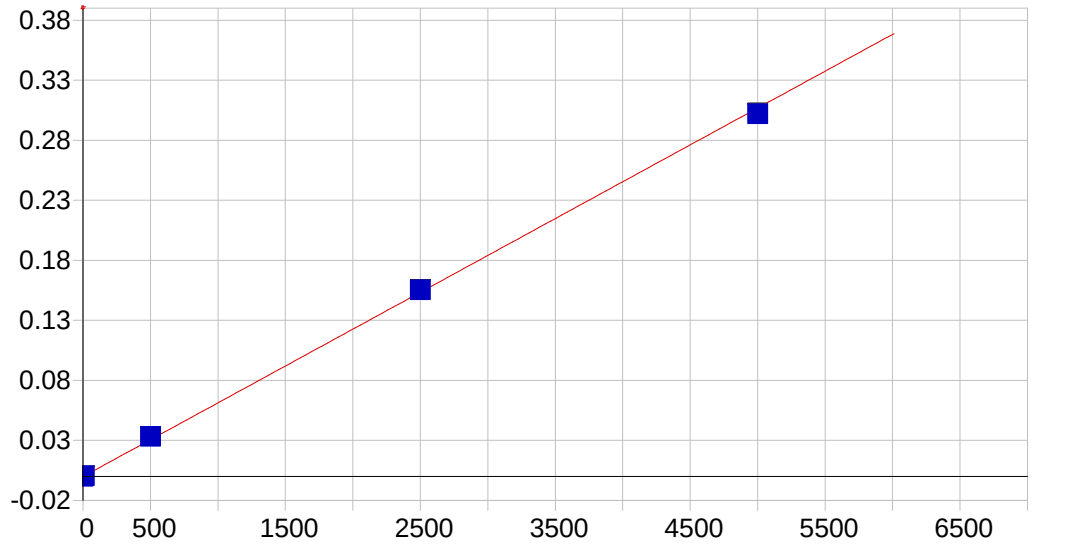


Se 196.090 {472}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000210	Re-Slope:	1.000000
A1 (Gain):	0.000039	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	2.176947		
Predicted MQL:	7.256489		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00034	-.000	.000	.00021	.000	1
DCAL2	5.0000	5.4024	.402	8.05	.00042	.000	1
DCAL3	500.00	496.32	-3.68	-.737	.01944	.000	1
DCAL4	2500.0	2472.6	-27.4	-1.10	.09600	.000	1
DCAL5	5000.0	5030.7	30.7	.615	.19514	.000	1



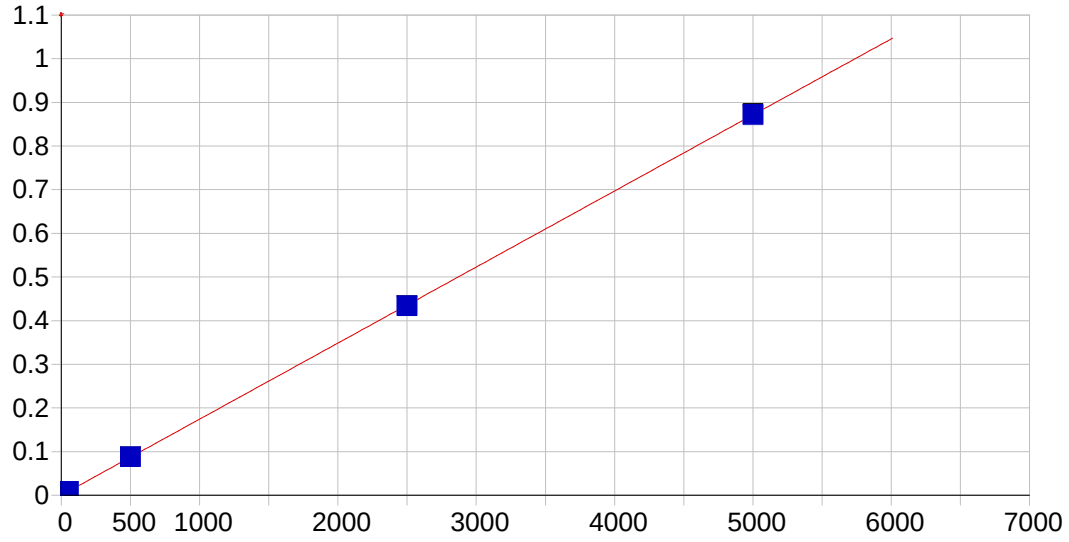
Tl 190.856 {477}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000120	Re-Slope:	1.000000

A1 (Gain):	0.000061	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999651	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	1.516329		
Predicted MQL:	5.054430		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00164	-.002	.000	-.00012	.000	1
DCAL2	10.000	10.778	.778	7.78	.00054	.000	1
DCAL3	500.00	544.19	44.2	8.84	.03325	.000	1
DCAL4	2500.0	2532.3	32.3	1.29	.15515	.000	1
DCAL5	5000.0	4922.7	-77.3	-1.55	.30170	.001	1

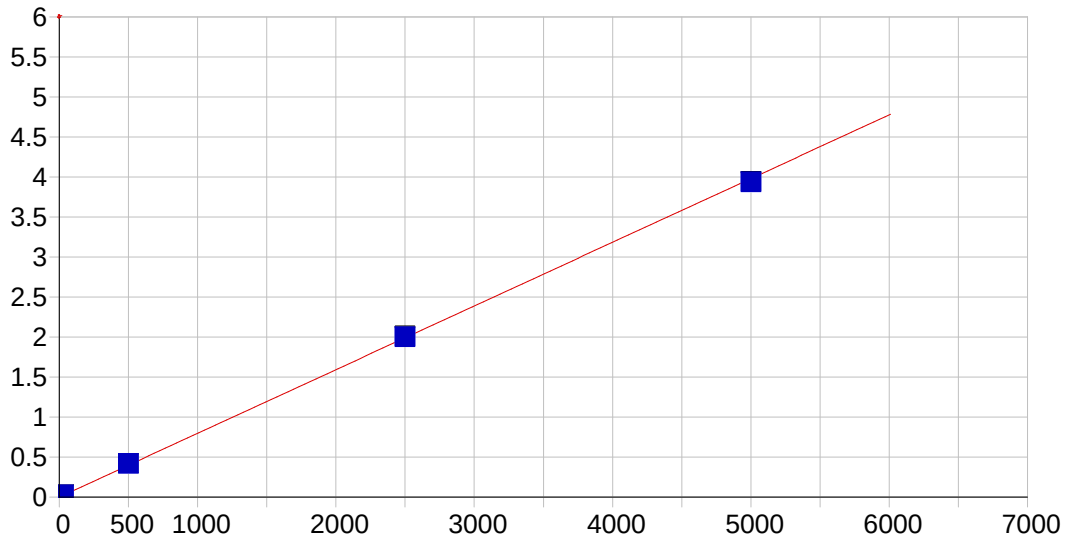


V 292.402 {115}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000122	Re-Slope:	1.000000
A1 (Gain):	0.000174	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999995	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.365027		
Predicted MQL:	1.216757		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00042	-.000	.000	.00012	.000	1
DCAL2	50.000	50.109	.109	.218	.00884	.000	1
DCAL3	500.00	504.47	4.47	.894	.08782	.000	1
DCAL4	2500.0	2490.8	-9.25	-.370	.43311	.000	1
DCAL5	5000.0	5004.7	4.67	.093	.87013	.002	1

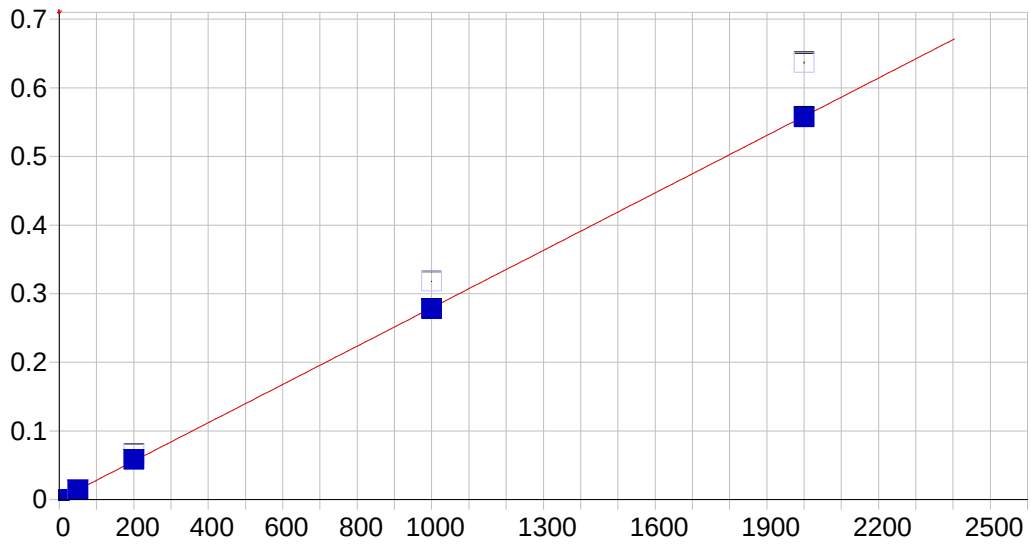


Zn 206.200 {463}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000374	Re-Slope:	1.000000
A1 (Gain):	0.000796	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000154		
Predicted MDL:	0.158361		
Predicted MQL:	0.527871		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00298	-.003	.000	.00037	.000	1
DCAL2	30.000	33.476	3.48	11.6	.02701	.000	1
DCAL3	500.00	525.46	25.5	5.09	.41775	.001	1
DCAL4	2500.0	2518.8	18.8	.751	2.0009	.008	1
DCAL5	5000.0	4950.9	-49.1	-.981	3.9325	.003	1
DCAL1	10.000	11.332	1.33	13.3	.00940	.000	1

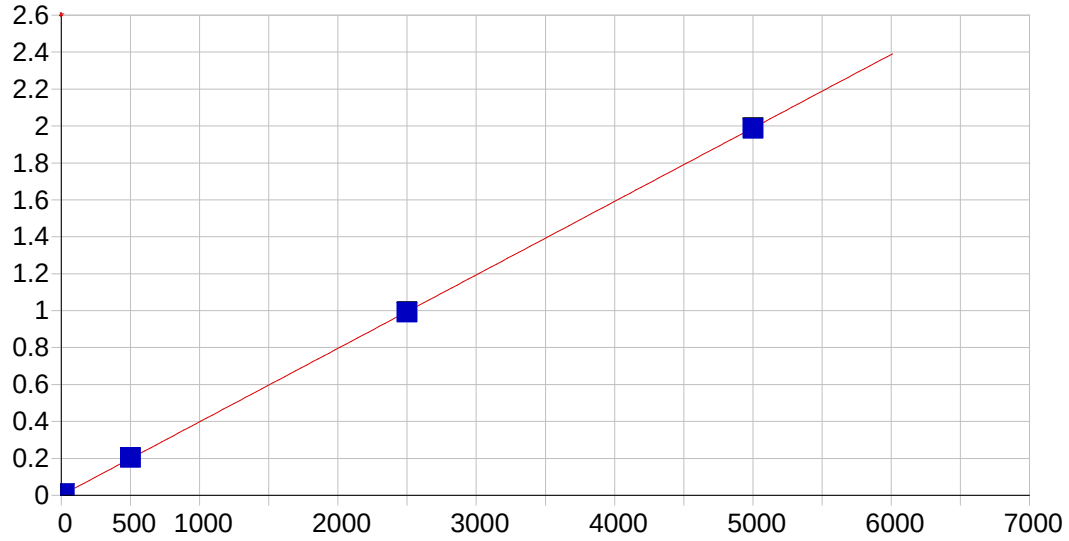


B 208.959 {461}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000239	Re-Slope:	1.000000
A1 (Gain):	0.000279	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.481092		
Predicted MQL:	1.603640		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00126	-.001	.000	.00024	.000	1
DCAL2	50.000	49.458	-.542	-1.08	.01436	.000	1
DCAL3	200.00	208.39	8.39	4.19	.06635	.000	1
DCAL4	1000.0	995.97	-4.03	-.403	.31795	.000	1
DCAL5	2000.0	1996.1	-3.88	-.194	.63683	.001	1

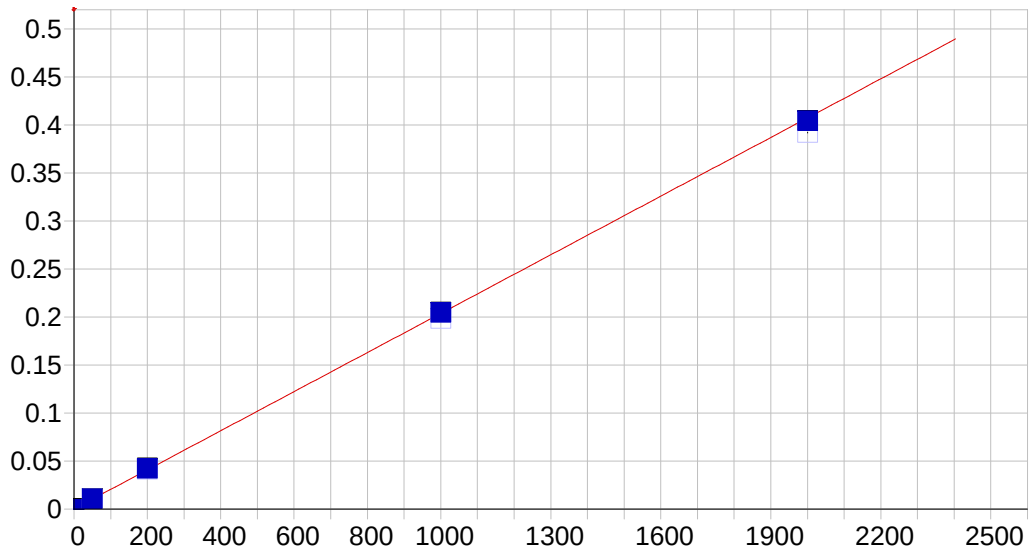


Mo 202.030 {467}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000205	Re-Slope:	1.000000
A1 (Gain):	0.000398	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.247237		
Predicted MQL:	0.824124		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00098	-.001	.000	.00020	.000	1
DCAL2	20.000	20.516	.516	2.58	.00838	.000	1
DCAL3	500.00	514.07	14.1	2.81	.20480	.000	1
DCAL4	2500.0	2491.0	-8.95	-.358	.99162	.002	1
DCAL5	5000.0	4994.4	-5.64	-.113	1.9879	.003	1

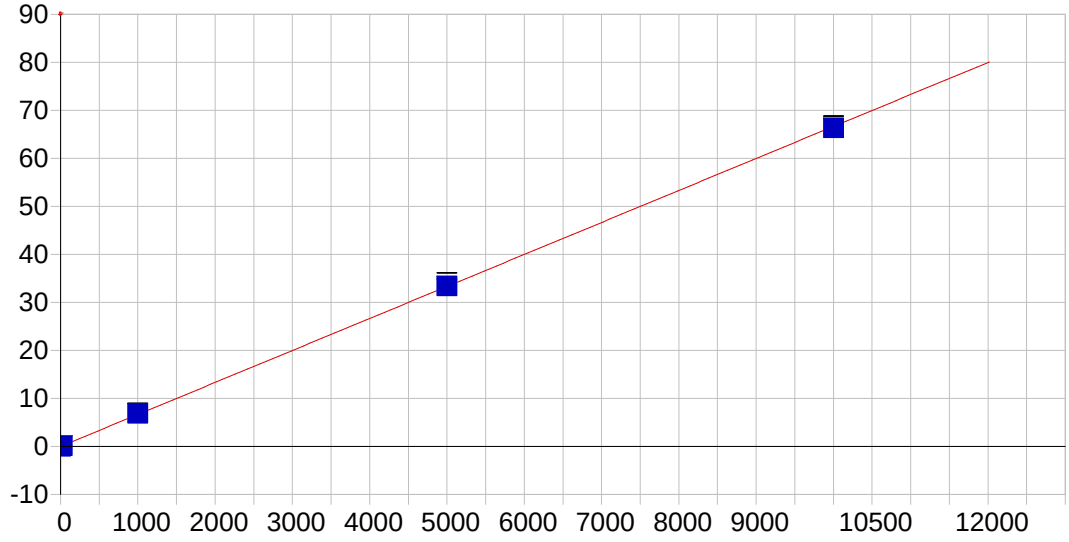


Sn 189.989 {477}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000161	Re-Slope:	1.000000
A1 (Gain):	0.000204	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999924	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.450870		
Predicted MQL:	1.502898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00334	-.003	.000	.00016	.000	1
DCAL2	50.000	51.533	1.53	3.07	.01064	.000	1
DCAL3	200.00	207.64	7.64	3.82	.04118	.000	1
DCAL4	1000.0	1005.0	5.02	.502	.19849	.000	1
DCAL5	2000.0	1985.8	-14.2	-.712	.39187	.000	1



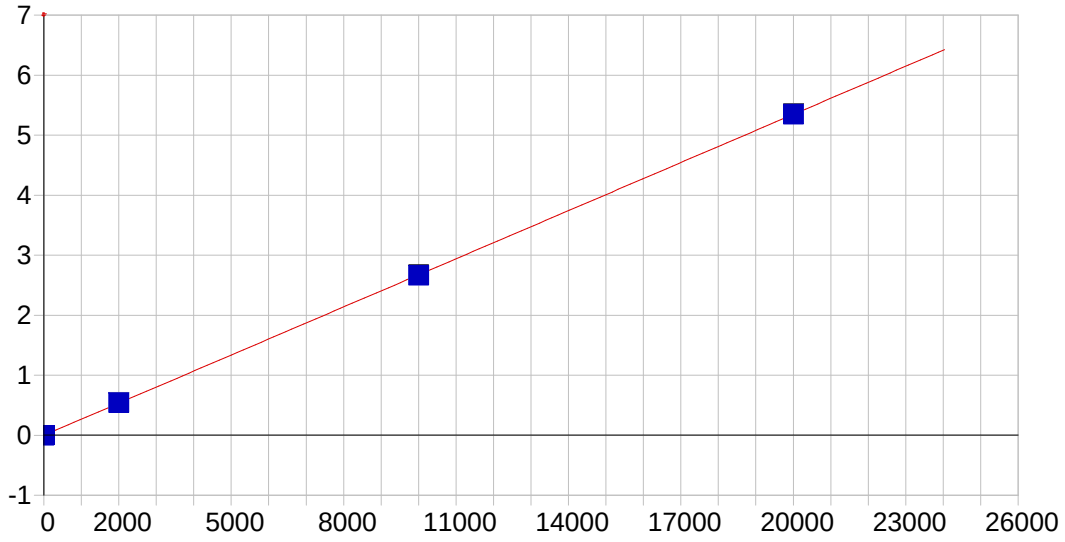
Sr 407.771 { 83}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000011	Re-Slope:	1.000000

A1 (Gain):	0.006664	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.001488		
Predicted MDL:	0.061390		
Predicted MQL:	0.204633		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00166	-.002	.000	-.00002	.000	1
DCAL2	20.000	21.012	1.01	5.06	.14024	.000	1
DCAL3	1000.0	1034.8	34.8	3.48	6.9051	.003	1
DCAL4	5000.0	5010.5	10.5	.209	33.437	.670	1
DCAL5	10000.	9953.8	-46.2	-.462	66.426	.361	1

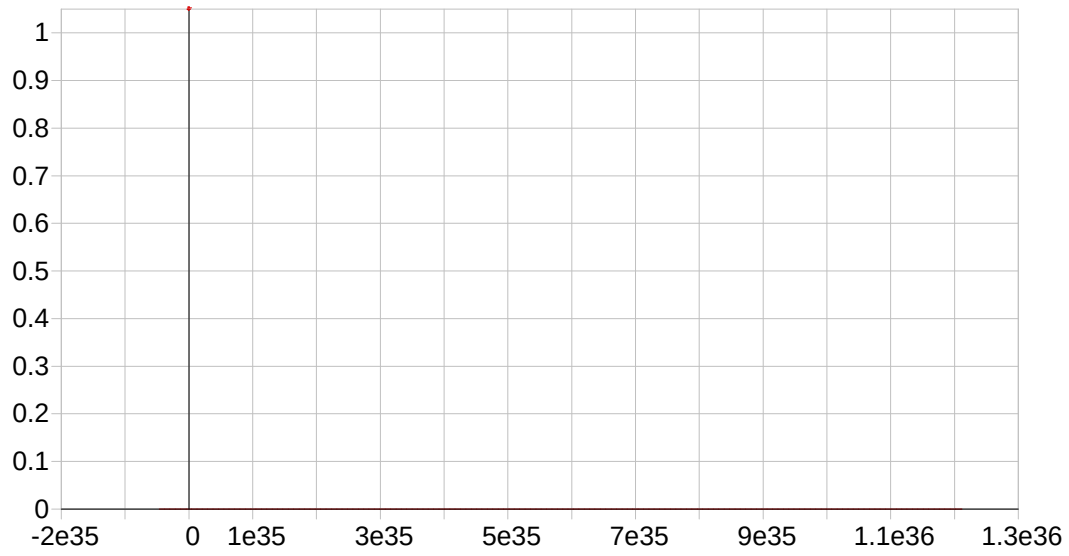


Ti 334.941 {101}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000656	Re-Slope:	1.000000
A1 (Gain):	0.000267	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.828760		
Predicted MQL:	2.762533		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00186	-.002	.000	-.00066	.000	1
DCAL2	20.000	21.585	1.59	7.93	.00512	.000	1
DCAL3	2000.0	2034.7	34.7	1.74	.54392	.001	1
DCAL4	10000.	9962.1	-37.9	-.379	2.6657	.002	1
DCAL5	20000.	20002.	1.58	.008	5.3527	.005	1

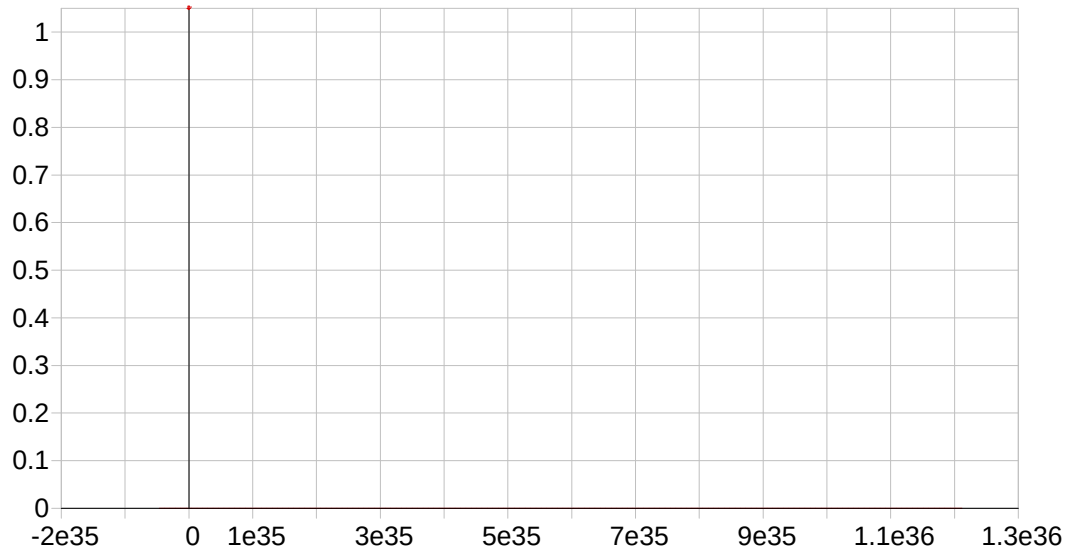


Y 224.306 {450}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	183.492520			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



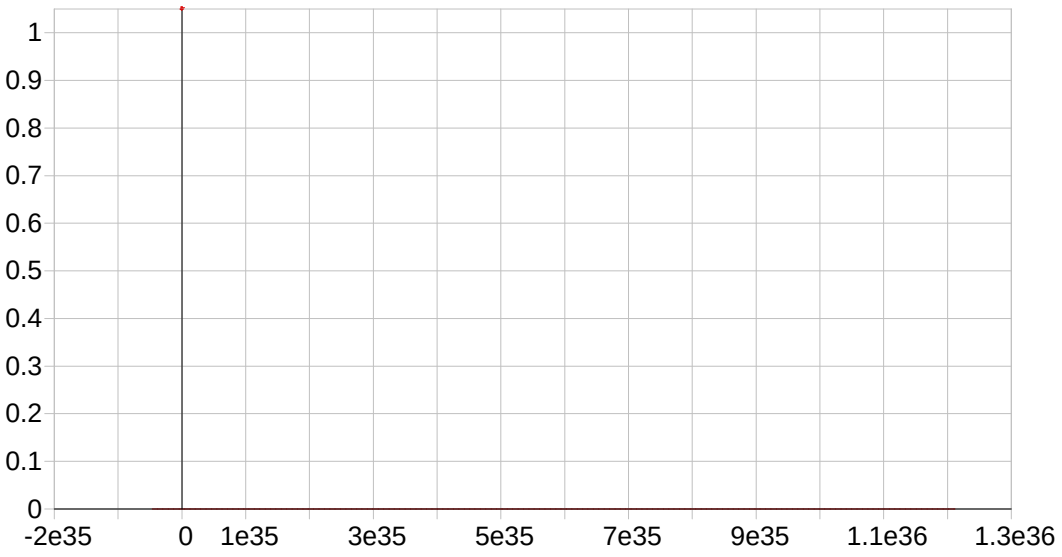
Y 360.073 { 94}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			

Predicted MDL:	n/a
Predicted MQL:	n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

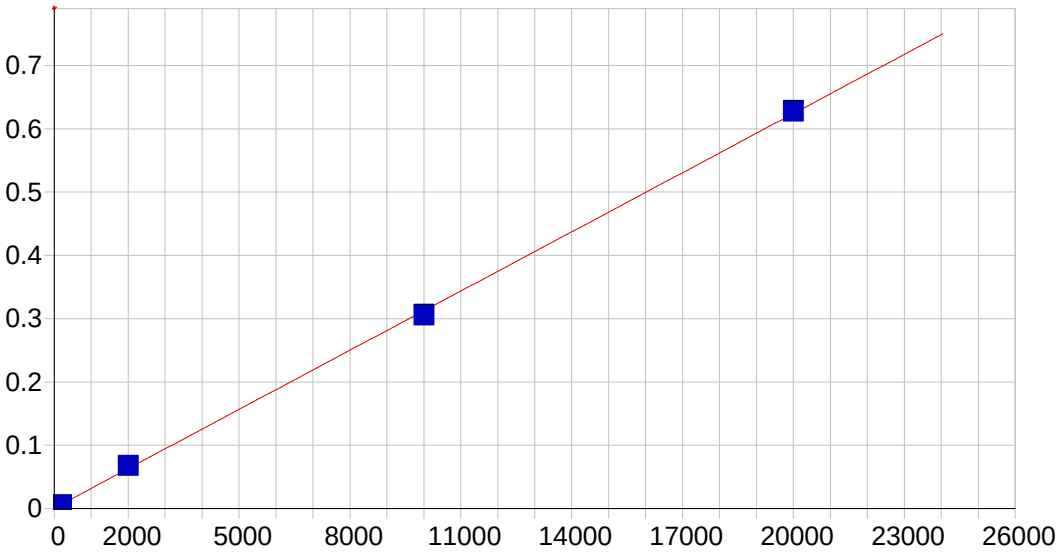


Y 371.030 { 91}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	192.759705			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	8/7/2013 10:49:53	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000846	Re-Slope:	1.000000
A1 (Gain):	0.000031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999702	Status:	OK.
Std Error of Est:	0.000079		
Predicted MDL:	13.572401		
Predicted MQL:	45.241337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.01380	.014	.000	.00085	.001	1
DCAL2	200.00	175.42	-24.6	-12.3	.00631	.000	1
DCAL3	2000.0	2142.6	143.	7.13	.06750	.001	1
DCAL4	10000.	9769.7	-230.	-2.30	.30474	.002	1
DCAL5	20000.	20112.	112.	.561	.62648	.002	1

Sample Name: mb 460-174798/1-a@2 Acquired: 8/7/2013 19:04:05 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.51	-1.509	-.1309	-.0297	.1702	11.79
Stddev	2.95	2.285	.6499	.1533	.0670	2.89
%RSD	17.89	151.5	496.3	515.4	39.38	24.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0554	-.2194	.8857	.4367	1.948	-5.813
Stddev	.1737	.1368	.2625	.6750	1.687	3.317
%RSD	313.3	62.38	29.64	154.6	86.61	57.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.324	.0799	25.28	-.2587	.1697	.2598
Stddev	3.718	.0369	5.23	.4372	.7576	.6618
%RSD	160.0	46.21	20.71	169.0	446.4	254.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.427	-1.076	.0753	.7617	2.260	1.044
Stddev	1.280	1.436	.1271	.1547	.148	.217
%RSD	89.73	133.5	168.7	20.30	6.538	20.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174798/1-a@2 Acquired: 8/7/2013 19:04:05 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6000	.0522	1.298	1.534
Stddev	.2520	.0113	.436	12.05
%RSD	42.00	21.66	33.58	785.7
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6443.6	72734.	17996.
Stddev	50.4	606.	95.
%RSD	.78209	.83384	.52531

Sample Name: lcssrm 460-174798/2- Acquired: 8/7/2013 19:07:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42080.	809.8	204.5	1091.	550.3	33730.
Stddev	72.	1.6	.7	1.	1.8	69.
%RSD	.1722	.1939	.3639	.1112	.3336	.2048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	508.8	683.4	624.6	593.2	73880.	14780.
Stddev	.3	.3	2.3	1.2	131.	28.
%RSD	.0524	.0405	.3651	.2071	.1779	.1866
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13320.	1815.	1663.	368.8	395.7	1002.
Stddev	18.	2.	9.	.8	.3	1.
%RSD	.1327	.1187	.5121	.2210	.0685	.0908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	610.9	1128.	448.9	1393.	414.7	339.8
Stddev	3.2	2.	1.0	1.	.7	.3
%RSD	.5297	.2067	.2164	.0565	.1623	.1015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-174798/2- Acquired: 8/7/2013 19:07:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	737.0	670.2	1021.	1399.
Stddev	1.0	.3	2.	13.
%RSD	.1310	.0417	.1850	.9515
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6607.7	73339.	18748.
Stddev	10.7	111.	52.
%RSD	.16148	.15087	.27708

Sample Name: 460-60707-d-4-b du@4 Acquired: 8/7/2013 19:11:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6727.	.8784	-.1369	115.9	.7091	1929.
Stddev	16.	.7177	.2431	.2	.0739	14.
%RSD	.2336	81.71	177.5	.1394	10.42	.7104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0968	.6828	2.943	3.696	1689.	977.4
Stddev	.0258	.2135	.301	1.304	12.	7.9
%RSD	26.62	31.27	10.23	35.29	.7138	.8086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1075.	120.5	70.11	2.710	1.582	3.361
Stddev	2.	.3	5.65	.026	1.242	.388
%RSD	.2262	.2546	8.058	.9782	78.49	11.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.270	.0646	2.570	4.587	2.459	1.079
Stddev	1.339	1.052	.193	.094	.081	.212
%RSD	105.5	1628.	7.496	2.054	3.289	19.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-4-b du@4 Acquired: 8/7/2013 19:11:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3481	12.65	11.67	493.2
Stddev	.1221	.08	.77	1.8
%RSD	35.08	.6192	6.601	.3560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6562.7	73333.	18106.
Stddev	13.2	242.	54.
%RSD	.20065	.32994	.30054

Sample Name: 460-60707-d-4-a@4 Acquired: 8/7/2013 19:14:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7135.	.8963	-.9504	120.3	.7538	2041.
Stddev	33.	.9000	.2895	.2	.0424	7.
%RSD	.4595	100.4	30.46	.1751	5.623	.3615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0134	1.026	2.158	3.105	1863.	1022.
Stddev	.0677	.217	.097	.310	14.	23.
%RSD	505.3	21.17	4.500	9.996	.7338	2.248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1148.	103.1	71.45	2.679	1.130	.6178
Stddev	4.	.1	4.25	.478	.141	1.679
%RSD	.3221	.0722	5.955	17.84	12.45	271.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7315	-.8231	2.634	4.909	2.304	.5504
Stddev	1.012	1.025	.162	.197	.362	.0737
%RSD	138.3	124.6	6.138	4.019	15.71	13.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-4-a@4 Acquired: 8/7/2013 19:14:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1973	13.35	12.08	559.8
Stddev	.2679	.02	.32	17.3
%RSD	135.8	.1289	2.635	3.097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6573.6	73240.	18030.
Stddev	19.0	291.	26.
%RSD	.28967	.39791	.14307

Sample Name: sd 460-60707-d-4-a@2 Acquired: 8/7/2013 19:18:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1395.	-.7973	-.5263	23.22	.3067	390.1
Stddev	3.	.8209	.7477	.04	.0408	3.6
%RSD	.2301	103.0	142.1	.1531	13.32	.9310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0771	.0181	.7838	1.134	363.7	182.7
Stddev	.0956	.1886	.2400	1.576	6.2	1.3
%RSD	124.0	1043.	30.63	139.0	1.696	.7118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	222.4	20.03	6.786	.2892	-.2812	.3612
Stddev	1.5	.02	.765	.0873	.3956	.7823
%RSD	.6826	.1210	11.27	30.19	140.7	216.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2565	-.5620	.4179	1.119	1.061	.1825
Stddev	1.449	1.149	.2014	.184	.271	.1910
%RSD	564.9	204.4	48.21	16.44	25.53	104.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60707-d-4-a@2 Acquired: 8/7/2013 19:18:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3899	2.544	2.759	100.5
Stddev	.2648	.020	.850	3.8
%RSD	67.91	.7862	30.82	3.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6635.8	73734.	17998.
Stddev	6.3	126.	118.
%RSD	.09526	.17144	.65778

Sample Name: 460-60707-d-4-c ms@4 Acquired: 8/7/2013 19:22:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19980.	911.7	22.34	1182.	25.99	11950.
Stddev	13.	3.2	.25	1.	.09	52.
%RSD	.0627	.3505	1.123	.0601	.3456	.4312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.22	251.1	105.6	125.6	4494.	11340.
Stddev	.05	.6	.1	2.6	5.	27.
%RSD	.2236	.2307	.0494	2.037	.1108	.2384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12290.	426.2	10110.	258.9	253.1	167.9
Stddev	56.	.8	21.	.7	.2	1.2
%RSD	.4561	.1777	.2044	.2595	.0740	.7220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	918.7	1047.	246.6	259.1	190.7	235.3
Stddev	1.2	2.	1.3	.3	.6	.7
%RSD	.1348	.1532	.5166	.1055	.2930	.2908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-4-c ms@4 Acquired: 8/7/2013 19:22:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	235.0	260.1	160.0	1770.
Stddev	.2	.6	1.4	4.
%RSD	.0927	.2291	.8608	.2036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6465.2	71767.	18020.
Stddev	28.5	258.	43.
%RSD	.44099	.35999	.23670

Sample Name: pds 460-60707-d-4-a@ Acquired: 8/7/2013 19:25:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9179.	1802.	45.88	2109.	50.01	21380.
Stddev	13.	2.	1.20	1.	.16	37.
%RSD	.1456	.0913	2.608	.0393	.3208	.1719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.07	487.9	198.9	243.9	2853.	20030.
Stddev	.07	.4	.5	1.1	16.	6.
%RSD	.1372	.0902	.2733	.4623	.5746	.0318
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19980.	603.1	19810.	498.0	492.8	413.8
Stddev	38.	1.1	16.	.7	1.6	1.3
%RSD	.1912	.1875	.0809	.1494	.3342	.3123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1821.	2061.	473.3	485.4	461.7	474.2
Stddev	3.	6.	1.1	.3	.8	.3
%RSD	.1855	.3078	.2382	.0714	.1656	.0660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60707-d-4-a@ Acquired: 8/7/2013 19:25:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	479.5	496.1	498.7	648.8
Stddev	.1	.6	1.5	17.8
%RSD	.0202	.1286	.2977	2.750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6421.2	71329.	17883.
Stddev	14.6	246.	94.
%RSD	.22809	.34544	.52563

Sample Name: 460-60707-d-1-b@4 Acquired: 8/7/2013 19:29:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7411.	1.850	-.3074	269.9	2.580	2775.
Stddev	15.	.633	.3225	.3	.056	8.
%RSD	.2061	34.24	104.9	.0950	2.181	.2772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4177	1.017	14.46	4.941	32320.	1574.
Stddev	.0619	.259	.14	.615	97.	8.
%RSD	14.83	25.46	.9632	12.45	.3007	.5134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1468.	182.9	243.0	4.661	23.68	4.042
Stddev	8.	.4	5.4	.386	.69	.431
%RSD	.5298	.2282	2.205	8.285	2.894	10.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.251	-.9082	17.14	9.698	4.469	1.455
Stddev	2.077	.2625	.04	.069	.161	.246
%RSD	63.87	28.90	.2329	.7138	3.610	16.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-1-b@4 Acquired: 8/7/2013 19:29:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7546	27.34	90.20	599.5
Stddev	.5073	.08	.35	24.4
%RSD	67.22	.3013	.3841	4.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6575.7	73336.	18224.
Stddev	11.7	99.	78.
%RSD	.17815	.13515	.42621

Sample Name: 460-60707-d-2-b@4 Acquired: 8/7/2013 19:32:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6537.	-.0182	-.6836	236.2	1.039	1843.
Stddev	24.	1.376	.3314	.5	.063	9.
%RSD	.3723	7545.	48.47	.1919	6.045	.4944
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1297	2.002	3.151	3.463	7669.	1512.
Stddev	.0310	.201	.170	2.241	36.	16.
%RSD	23.90	10.03	5.385	64.72	.4672	1.031
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1311.	357.3	910.5	3.749	3.352	.8435
Stddev	10.	.4	2.3	.748	.168	2.265
%RSD	.7449	.1020	.2498	19.95	5.021	268.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.165	-1.575	8.549	9.905	2.834	.4941
Stddev	.144	.559	.372	.124	.263	.2859
%RSD	12.34	35.51	4.351	1.253	9.293	57.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-2-b@4 Acquired: 8/7/2013 19:32:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7506	21.40	29.69	564.0
Stddev	.1337	.09	.59	15.3
%RSD	17.82	.4396	1.975	2.709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6594.8	73611.	18178.
Stddev	19.6	430.	116.
%RSD	.29702	.58386	.64031

Sample Name: 460-60707-d-3-b@4 Acquired: 8/7/2013 19:36:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45300.	52.35	-.6073	303.9	2.594	6543.
Stddev	44.	1.17	.1798	.3	.058	13.
%RSD	.0972	2.230	29.60	.0886	2.231	.2051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6618	30.33	80.07	57.12	81900.	4747.
Stddev	.0224	.42	.28	1.57	190.	34.
%RSD	3.387	1.399	.3555	2.742	.2316	.7081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9837.	1264.	865.2	45.30	73.40	.2071
Stddev	39.	2.	6.5	.32	.49	1.833
%RSD	.3999	.1737	.7488	.7136	.6678	885.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.886	-3.750	121.5	172.5	6.986	2.088
Stddev	1.047	1.401	.2	.6	.436	.172
%RSD	26.95	37.37	.1637	.3303	6.241	8.247
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-3-b@4 Acquired: 8/7/2013 19:36:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.361	67.39	850.6	956.6
Stddev	.125	.18	.9	7.5
%RSD	2.322	.2743	.1087	.7854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6638.9	73765.	18566.
Stddev	5.1	187.	144.
%RSD	.07628	.25390	.77587

Sample Name: CCV Acquired: 8/7/2013 19:39:57 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2416.	1221.	9968.	980.0	123600.
Stddev	134.	5.	3.	9.	1.1	266.
%RSD	.1099	.2086	.2106	.0877	.1124	.2152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1209.	2465.	4974.	12310.	99390.	49720.
Stddev	.	1.	15.	4.	283.	58.
%RSD	.0199	.0369	.3104	.0303	.2846	.1172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123400.	5004.	125200.	2470.	7427.	991.6
Stddev	341.	18.	480.	.	.	.8
%RSD	.2762	.3676	.3833	.0142	.0058	.0845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2442.	2507.	2447.	2436.	959.3	2464.
Stddev	4.	3.	4.	1.	2.5	1.
%RSD	.1504	.1310	.1642	.0443	.2580	.0405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 19:39:57 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.1	5047.	9904.	9437.
Stddev	2.1	55.	8.	26.
%RSD	.2104	1.091	.0855	.2735
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6105.4	67426.	17650.
Stddev	3.4	253.	29.
%RSD	.05626	.37451	.16490

Sample Name: CCB Acquired: 8/7/2013 19:43:38 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.794	2.048	-.1398	.4570	.2098	-4.266
Stddev	6.015	1.038	.0969	.1204	.0674	4.132
%RSD	77.17	50.71	69.37	26.35	32.12	96.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0114	-.0204	.6780	1.146	8.782	-12.21
Stddev	.0242	.1120	.2163	1.002	7.325	16.71
%RSD	212.6	548.3	31.91	87.43	83.40	136.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.711	.3204	2.318	-.1699	-.0544	.1374
Stddev	7.535	.1931	21.60	.5675	.4704	1.590
%RSD	203.0	60.28	931.7	334.1	864.4	1157.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5668	-.0834	-.0229	.1226	1.694	5.101
Stddev	1.344	.6717	.3599	.0747	.670	.949
%RSD	237.1	805.3	1570.	60.95	39.53	18.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 19:43:38 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2419	.2969	3.460	-6.665
Stddev	.3367	.1561	.684	9.214
%RSD	139.2	52.57	19.77	138.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6657.0	74325.	18238.
Stddev	3.9	166.	110.
%RSD	.05904	.22286	.60039

Sample Name: 460-60707-d-5-a@4 Acquired: 8/7/2013 19:47:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8552.	.6209	-.8823	335.4	1.354	2195.
Stddev	21.	.5094	.7431	.9	.030	8.
%RSD	.2469	82.04	84.22	.2569	2.222	.3451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1969	1.514	6.456	4.186	10230.	1513.
Stddev	.0414	.091	.427	.587	27.	19.
%RSD	21.02	6.033	6.612	14.03	.2654	1.288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1393.	356.9	139.3	4.045	15.72	.1370
Stddev	2.	.9	3.2	.159	.47	.3976
%RSD	.1263	.2545	2.288	3.930	2.960	290.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.554	-1.578	14.85	9.614	3.093	1.307
Stddev	1.049	.765	.23	.133	.426	.396
%RSD	67.47	48.51	1.521	1.380	13.77	30.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-5-a@4 Acquired: 8/7/2013 19:47:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7866	22.14	48.06	602.3
Stddev	.2477	.10	.12	10.5
%RSD	31.49	.4385	.2592	1.750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6605.1	73754.	18416.
Stddev	28.1	205.	105.
%RSD	.42602	.27737	.56874

Sample Name: 460-60707-d-6-a@4 Acquired: 8/7/2013 19:50:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25040.	3.196	.3871	768.5	19.95	6468.
Stddev	29.	.971	.5056	.2	.10	10.
%RSD	.1177	30.38	130.6	.0219	.5040	.1589
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.019	10.18	114.8	.2244	F 208100.	7325.
Stddev	.111	.26	.2	.9984	131.	31.
%RSD	5.516	2.582	.1635	445.0	.0630	.4297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7002.	815.9	458.8	25.20	353.8	1.175
Stddev	7.	.3	8.8	.28	.6	.800
%RSD	.0953	.0318	1.929	1.094	.1826	68.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.567	-8.411	220.1	52.06	8.170	2.267
Stddev	2.726	1.059	.5	.15	.491	.112
%RSD	31.82	12.59	.2276	.2939	6.006	4.921
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60707-d-6-a@4 Acquired: 8/7/2013 19:50:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.610	61.95	378.0	894.2
Stddev	.206	.10	.4	8.0
%RSD	3.117	.1683	.1145	.8912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6634.3	73916.	18776.
Stddev	22.7	471.	50.
%RSD	.34150	.63664	.26384

Sample Name: 460-60729-e-1-a@4 Acquired: 8/7/2013 19:54:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23150.	6.003	1.704	144.4	.6580	159600.
Stddev	31.	2.203	.395	.2	.0757	1091.
%RSD	.1340	36.69	23.16	.1476	11.50	.6837
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.011	19.65	55.40	68.24	57590.	18610.
Stddev	.078	.39	.14	1.09	165.	62.
%RSD	7.713	1.963	.2586	1.591	.2869	.3347
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13150.	1582.	1674.	43.89	77.13	-.1035
Stddev	56.	4.	11.	.39	.74	2.437
%RSD	.4229	.2470	.6810	.8951	.9564	2355.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.59	27.42	60.84	377.3	19.88	3.931
Stddev	1.18	1.13	.51	1.2	.26	.275
%RSD	11.11	4.112	.8330	.3285	1.330	6.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60729-e-1-a@4 Acquired: 8/7/2013 19:54:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	121.3	670.0	829.6	2463.
Stddev	.1	.7	1.6	23.
%RSD	.1079	.1078	.1943	.9381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6446.5	71687.	18569.
Stddev	12.3	213.	96.
%RSD	.19155	.29745	.51539

Sample Name: 460-60729-e-2-a@4 Acquired: 8/7/2013 19:58:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25330.	8.575	.1142	125.9	.7000	33420.
Stddev	57.	.514	.5120	.3	.0169	129.
%RSD	.2253	5.996	448.2	.2615	2.417	.3855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3387	27.08	50.81	60.02	72580.	9150.
Stddev	.1805	.42	.41	.56	179.	38.
%RSD	53.29	1.568	.8069	.9343	.2471	.4194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15540.	1680.	649.2	52.50	32.11	-8.403
Stddev	50.	4.	5.6	.40	.58	2.013
%RSD	.3206	.2405	.8675	.7618	1.797	23.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.070	-2.705	78.43	153.8	10.03	1.481
Stddev	1.018	.327	.23	.6	.13	.245
%RSD	49.16	12.09	.2871	.3816	1.273	16.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60729-e-2-a@4 Acquired: 8/7/2013 19:58:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	592.7	76.71	834.4	805.7
Stddev	1.9	.15	3.8	11.1
%RSD	.3215	.1998	.4568	1.380
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6596.6	73569.	18697.
Stddev	19.5	324.	13.
%RSD	.29515	.44075	.06996

Sample Name: 460-60101-e-10-d@4 Acquired: 8/7/2013 20:01:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20760.	2.342	-.1480	33.15	.7357	171.1
Stddev	64.	.747	.5522	.19	.0248	3.7
%RSD	.3080	31.89	373.2	.5592	3.371	2.174
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2780	.9577	28.62	9.577	14660.	1095.
Stddev	.0636	.2494	.42	1.846	65.	8.
%RSD	22.87	26.04	1.458	19.28	.4420	.6892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	483.9	16.44	31.19	6.708	14.16	.1210
Stddev	3.0	.05	4.72	.646	.90	1.035
%RSD	.6219	.3277	15.12	9.628	6.383	855.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.180	-1.306	44.00	20.32	3.827	1.569
Stddev	1.654	1.569	.29	.23	.499	.043
%RSD	75.86	120.1	.6571	1.146	13.03	2.718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60101-e-10-d@4 Acquired: 8/7/2013 20:01:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.593	1.912	139.6	890.3
Stddev	.375	.034	1.0	17.0
%RSD	23.53	1.795	.7297	1.908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6634.8	73878.	18388.
Stddev	21.7	75.	72.
%RSD	.32754	.10182	.39284

Sample Name: 460-60631-c-4-b@4 Acquired: 8/7/2013 20:05:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79890.	5.827	.9041	2895.	F -6.957	F 602800.
Stddev	165.	2.445	.2555	1.	.051	6152.
%RSD	.2062	41.96	28.26	.0188	.7401	1.021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit					2000.	250000.
Low Limit					-4.000	-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5855	107.3	266.2	320.7	198400.	58340.
Stddev	.1221	.2	1.2	1.2	675.	125.
%RSD	20.85	.2306	.4460	.3741	.3401	.2135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	136800.	1510.	5148.	303.1	16.84	13.52
Stddev	518.	4.	16.	.4	1.28	.91
%RSD	.3787	.2777	.3204	.1236	7.596	6.730
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.276	-10.29	510.9	584.7	5.432	24.24
Stddev	1.384	2.56	1.8	1.8	.515	.26
%RSD	19.02	24.91	.3454	.3023	9.478	1.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60631-c-4-b@4 Acquired: 8/7/2013 20:05:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	47.51	597.5	16070.	1825.
Stddev	.08	.3	15.	11.
%RSD	.1757	.0574	.0906	.6096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6085.3	67550.	18223.
Stddev	12.1	108.	89.
%RSD	.19932	.15974	.48771

Sample Name: 460-60642-d-8-b@4 Acquired: 8/7/2013 20:08:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	78420.	83.73	7.389	16800.	.5630	58980.
Stddev	145.	1.52	.349	10.	.0388	194.
%RSD	.1852	1.817	4.720	.0581	6.888	.3294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89.92	32.37	1340.	F 25270.	F 272900.	1627.
Stddev	.11	.15	4.	22.	588.	24.
%RSD	.1173	.4592	.2681	.0878	.2153	1.485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit				25000.	200000.	
Low Limit				-50.00	-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13820.	2433.	591.2	935.1	F 37870.	35.95
Stddev	53.	5.	4.7	1.5	33.	.96
%RSD	.3804	.2056	.7885	.1586	.0876	2.684
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.50	-12.83	100.7	F 48700.	23.54	29.63
Stddev	2.62	1.85	.0	184.	.58	.07
%RSD	24.91	14.40	.0390	.3782	2.449	.2337
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-60642-d-8-b@4 Acquired: 8/7/2013 20:08:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1362.	414.9	749.5	1528.
Stddev	1.	.5	1.7	69.
%RSD	.0594	.1209	.2234	4.522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6357.1	71708.	18635.
Stddev	20.8	289.	62.
%RSD	.32787	.40263	.33520

Sample Name: 460-60642-d-9-a@4 Acquired: 8/7/2013 20:12:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8856.	257.1	8.922	7998.	1.141	119600.
Stddev	13.	1.6	.598	10.	.037	512.
%RSD	.1517	.6101	6.707	.1270	3.247	.4283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	440.4	43.30	885.4	11390.	F 466900.	447.5
Stddev	.8	.11	4.2	21.	3531.	16.8
%RSD	.1776	.2519	.4709	.1869	.7563	3.759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20180.	1733.	619.3	377.4	F 17750.	58.09
Stddev	98.	5.	4.4	.9	26.	.24
%RSD	.4860	.3077	.7163	.2487	.1460	.4154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.80	F -25.06	48.15	F 59420.	32.86	12.92
Stddev	5.57	2.04	.68	493.	.29	.16
%RSD	33.15	8.138	1.418	.8296	.8844	1.267
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		5000.		5000.		
Low Limit		-20.00		-50.00		

Sample Name: 460-60642-d-9-a@4 Acquired: 8/7/2013 20:12:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	F 4175.	689.9	413.1	975.4
Stddev	9.	1.2	1.4	19.9
%RSD	.2047	.1708	.3474	2.038
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	2000.			
Low Limit	-50.00			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6225.6	70471.	18355.
Stddev	14.2	111.	106.
%RSD	.22871	.15697	.57772

Sample Name: 460-60642-d-10-a@4 Acquired: 8/7/2013 20:16:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53960.	37.27	1.049	1274.	-1.109	14840.
Stddev	182.	.35	.483	2.	.065	91.
%RSD	.3373	.9505	46.06	.1590	5.862	.6098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.97	24.42	171.1	1054.	82390.	2168.
Stddev	.20	.21	1.2	4.	542.	30.
%RSD	1.847	.8801	.7006	.3881	.6572	1.379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8371.	2219.	301.1	353.8	2573.	F -173.8
Stddev	57.	11.	6.8	1.0	8.	2.7
%RSD	.6834	.5112	2.273	.2854	.3112	1.573
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						2000.
Low Limit						-20.00

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.506	-4.487	94.96	1775.	11.26	4.593
Stddev	1.013	1.473	.67	6.	.31	.219
%RSD	22.49	32.83	.7019	.3520	2.745	4.761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-d-10-a@4 Acquired: 8/7/2013 20:16:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	F 11540.	96.17	625.9	798.6
Stddev	21.	.11	.9	10.7
%RSD	.1786	.1101	.1468	1.340
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	2000.			
Low Limit	-50.00			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6658.5	73933.	18658.
Stddev	11.2	128.	67.
%RSD	.16834	.17322	.35771

Sample Name: 460-60642-c-12-a@50 Acquired: 8/7/2013 20:19:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3944.	19.74	40.84	361.7	-.0477	6232.
Stddev	19.	.88	1.07	.6	.0697	15.
%RSD	.4903	4.471	2.621	.1644	146.1	.2401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.44	6.840	103.1	F 39590.	43470.	116.3
Stddev	.13	.089	.7	9.	82.	12.6
%RSD	.4044	1.301	.6611	.0221	.1888	10.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				25000.		
Low Limit				-50.00		

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1321.	287.7	111.1	284.0	F 16270.	37.68
Stddev	3.	.4	5.5	.1	5.	.63
%RSD	.2238	.1240	4.954	.0232	.0284	1.671
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.705	-2.328	7.944	F 11250.	10.20	15.60
Stddev	.319	.166	.392	3.	.16	.18
%RSD	11.79	7.136	4.934	.0259	1.566	1.145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-60642-c-12-a@50 Acquired: 8/7/2013 20:19:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1374.	27.54	38.74	106.3
Stddev	1.	.05	.93	2.7
%RSD	.0368	.1884	2.403	2.542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6571.4	73632.	18256.
Stddev	1.5	194.	105.
%RSD	.02270	.26360	.57338

Sample Name: CCV Acquired: 8/7/2013 20:23:08 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	2408.	1223.	9962.	980.1	124000.
Stddev	239.	2.	1.	1.	1.8	374.
%RSD	.1960	.0703	.1071	.0117	.1825	.3014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1209.	2465.	4992.	12310.	99640.	49880.
Stddev	2.	2.	19.	36.	263.	77.
%RSD	.1650	.0755	.3740	.2886	.2641	.1539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	4993.	124300.	2473.	7435.	989.3
Stddev	436.	15.	2829.	2.	15.	.7
%RSD	.3518	.3005	2.276	.0626	.1955	.0733
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2432.	2510.	2453.	2444.	956.5	2460.
Stddev	4.	2.	2.	4.	1.6	2.
%RSD	.1829	.0854	.0976	.1832	.1669	.0695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 20:23:08 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1003.	5027.	9911.	9360.
Stddev	2.	63.	19.	24.
%RSD	.1532	1.254	.1925	.2599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6092.4	67059.	17484.
Stddev	14.7	222.	111.
%RSD	.24194	.33071	.63765

Sample Name: CCB Acquired: 8/7/2013 20:26:50 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.35	.4711	-.4021	.4287	.2144	-8.577
Stddev	11.58	.4458	.1037	.2370	.0671	4.282
%RSD	102.1	94.63	25.79	55.29	31.30	49.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0671	-.0960	.6951	.3297	7.543	-7.922
Stddev	.0502	.2055	.2755	.8826	2.973	23.79
%RSD	74.76	214.0	39.64	267.7	39.41	300.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.320	.2308	.0598	-.0177	-.1842	1.175
Stddev	5.260	.1589	12.81	.3116	.5224	2.582
%RSD	226.7	68.84	21430.	1763.	283.6	219.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.799	-.7278	-.0769	.6270	1.723	4.647
Stddev	1.566	.5124	.1903	.1378	.251	.882
%RSD	87.06	70.41	247.6	21.97	14.57	18.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 20:26:50 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.088	.2161	2.612	-.6396
Stddev	.337	.1915	.944	11.50
%RSD	30.98	88.62	36.13	1798.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6669.1	74352.	18108.
Stddev	7.0	412.	41.
%RSD	.10540	.55442	.22901

Sample Name: 460-60680-d-1-a@4 Acquired: 8/7/2013 20:30:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23300.	17.35	-.0668	305.7	1.242	33430.
Stddev	129.	1.72	.1290	1.5	.059	308.
%RSD	.5514	9.929	193.1	.4787	4.753	.9218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3941	16.93	50.96	902.5	45420.	1783.
Stddev	.1666	.11	.32	5.4	425.	26.
%RSD	42.28	.6330	.6191	.5973	.9351	1.474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7590.	898.7	370.4	30.69	795.4	.4629
Stddev	66.	7.0	.2	.08	3.2	.3813
%RSD	.8740	.7786	.0521	.2643	.4077	82.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.375	-2.604	80.92	1331.	7.130	2.407
Stddev	.960	1.582	.70	9.	.238	.208
%RSD	40.44	60.74	.8632	.6472	3.337	8.642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60680-d-1-a@4 Acquired: 8/7/2013 20:30:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.68	117.1	558.5	800.2
Stddev	.60	.3	2.7	8.5
%RSD	2.006	.2726	.4760	1.061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6542.3	72888.	18445.
Stddev	31.4	319.	133.
%RSD	.48010	.43754	.72086

Sample Name: 460-60680-d-2-a@4 Acquired: 8/7/2013 20:34:05 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24450.	7.510	-.0207	437.0	1.203	40720.
Stddev	82.	1.143	.6411	1.5	.035	148.
%RSD	.3356	15.22	3103.	.3320	2.913	.3625
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1381	15.88	50.81	72.77	40870.	3310.
Stddev	.0829	.10	.09	2.03	132.	12.
%RSD	60.04	.6021	.1694	2.788	.3222	.3711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10070.	1089.	779.8	24.58	253.6	2.014
Stddev	17.	3.	8.3	.69	.9	1.188
%RSD	.1693	.3047	1.061	2.802	.3449	58.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5089	-3.034	53.26	230.5	9.083	1.572
Stddev	1.353	.795	.11	.4	.297	.061
%RSD	266.0	26.20	.2150	.1564	3.265	3.853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60680-d-2-a@4 Acquired: 8/7/2013 20:34:05 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	8.138	170.1	609.1	904.8
Stddev	.084	.6	2.9	11.8
%RSD	1.034	.3439	.4837	1.304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6532.5	72963.	18534.
Stddev	20.6	401.	97.
%RSD	.31511	.54932	.52152

Sample Name: 460-60680-d-3-a@4 Acquired: 8/7/2013 20:37:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48060.	16.18	.2470	296.1	1.482	44630.
Stddev	114.	.82	.1479	.1	.033	91.
%RSD	.2364	5.097	59.87	.0470	2.227	.2030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5011	28.24	169.7	95.43	78650.	7438.
Stddev	.0184	.32	.4	1.94	135.	32.
%RSD	3.663	1.136	.2471	2.028	.1711	.4299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14660.	894.8	832.2	49.08	274.7	3.206
Stddev	38.	1.3	11.3	.25	1.8	.863
%RSD	.2613	.1451	1.361	.5084	.6475	26.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.872	-5.174	92.83	315.8	12.55	23.30
Stddev	1.715	.895	.12	1.1	.47	.37
%RSD	44.29	17.30	.1255	.3413	3.777	1.605
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60680-d-3-a@4 Acquired: 8/7/2013 20:37:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	17.28	154.7	1492.	1267.
Stddev	.53	.2	4.	31.
%RSD	3.055	.1480	.2979	2.407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6574.1	73200.	18803.
Stddev	12.6	359.	159.
%RSD	.19094	.49066	.84502

Sample Name: 460-60680-d-4-a@4 Acquired: 8/7/2013 20:41:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	53460.	5.221	-.8831	218.7	2.179	1702.
Stddev	95.	.660	.2185	.2	.039	14.
%RSD	.1780	12.63	24.75	.0889	1.794	.8093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6206	13.56	106.4	64.30	48130.	3602.
Stddev	.0285	.13	.8	.75	142.	10.
%RSD	4.597	.9281	.7723	1.161	.2959	.2781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4270.	215.6	973.1	36.50	21.20	1.714
Stddev	15.	1.0	7.2	.66	.33	.500
%RSD	.3454	.4489	.7412	1.822	1.561	29.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.168	-2.574	94.57	96.96	3.560	2.078
Stddev	1.478	1.386	.33	.20	.597	.177
%RSD	46.66	53.82	.3532	.2012	16.76	8.505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60680-d-4-a@4 Acquired: 8/7/2013 20:41:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.133	18.06	1023.	860.8
Stddev	.180	.02	3.	21.6
%RSD	3.505	.0856	.2618	2.503
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6792.9	75573.	19051.
Stddev	19.6	149.	119.
%RSD	.28805	.19660	.62405

Sample Name: 460-60639-d-1-a@4 Acquired: 8/7/2013 20:44:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54820.	24.80	-.6912	712.6	-2.234	45510.
Stddev	158.	1.09	.3166	2.0	.037	169.
%RSD	.2875	4.407	45.80	.2738	1.679	.3721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5540	51.35	348.0	306.2	116200.	26850.
Stddev	.1218	.24	1.4	2.6	206.	47.
%RSD	21.99	.4601	.3913	.8581	.1768	.1750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57170.	1443.	630.5	238.0	2634.	22.87
Stddev	194.	3.	7.1	.7	7.	1.45
%RSD	.3399	.2344	1.124	.3080	.2615	6.358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.742	-4.192	252.6	210.1	4.630	5.380
Stddev	2.236	1.015	.9	.7	.463	.265
%RSD	38.93	24.20	.3615	.3096	10.01	4.918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60639-d-1-a@4 Acquired: 8/7/2013 20:44:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	24.33	52.34	6731.	951.4
Stddev	.19	.13	14.	24.1
%RSD	.7803	.2515	.2089	2.536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6470.4	71928.	18590.
Stddev	10.1	343.	64.
%RSD	.15572	.47740	.34217

Sample Name: 460-60552-d-14-a@4 Acquired: 8/7/2013 20:48:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43550.	108.4	1.989	796.8	2.068	78530.
Stddev	159.	2.3	.718	.4	.048	613.
%RSD	.3645	2.117	36.09	.0444	2.305	.7808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6575	80.26	110.5	570.7	131100.	7114.
Stddev	.1991	.22	.5	.3	938.	13.
%RSD	30.28	.2782	.4208	.0580	.7152	.1821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14810.	5791.	4309.	125.1	1446.	13.40
Stddev	125.	30.	10.	.7	6.	3.03
%RSD	.8455	.5108	.2281	.5448	.4333	22.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.559	-4.420	140.2	983.7	51.08	7.849
Stddev	.213	.942	.9	6.5	.22	.058
%RSD	2.815	21.32	.6089	.6569	.4222	.7383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60552-d-14-a@4 Acquired: 8/7/2013 20:48:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	120.4	387.9	1298.	1051.
Stddev	.4	.7	4.	11.
%RSD	.3424	.1677	.3032	1.088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6600.0	73686.	19148.
Stddev	4.8	205.	258.
%RSD	.07316	.27793	1.3470

Sample Name: 460-60692-d-4-b du@4 Acquired: 8/7/2013 20:51:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80420.	15.28	1.191	402.3	5.847	897.0
Stddev	262.	.88	.624	.6	.039	2.2
%RSD	.3259	5.746	52.42	.1564	.6655	.2439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.319	80.77	75.37	83.87	149200.	733.2
Stddev	.056	.23	.26	1.76	296.	9.5
%RSD	4.226	.2846	.3482	2.095	.1981	1.290
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27070.	3170.	220.2	107.3	60.09	-.1204
Stddev	71.	9.	3.7	.4	1.57	1.727
%RSD	.2638	.2695	1.687	.3678	2.607	1434.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.527	-6.440	61.49	350.0	-.8594	2.446
Stddev	1.835	1.675	.68	.5	.2825	.156
%RSD	24.38	26.01	1.103	.1390	32.87	6.393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-4-b du@4 Acquired: 8/7/2013 20:51:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3176	3.883	20.53	1239.
Stddev	.1191	.076	.80	10.
%RSD	37.50	1.948	3.886	.8066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6698.5	73907.	18606.
Stddev	18.8	375.	93.
%RSD	.28042	.50720	.50145

Sample Name: 460-60692-d-4-a@4 Acquired: 8/7/2013 20:55:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79310.	16.93	.6112	402.6	6.205	959.3
Stddev	287.	.49	.8423	1.0	.009	6.7
%RSD	.3613	2.923	137.8	.2513	.1391	.7003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.427	62.37	79.02	81.01	147600.	787.7
Stddev	.135	.17	.67	.78	286.	13.4
%RSD	9.451	.2713	.8532	.9610	.1936	1.695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26850.	2329.	225.3	107.2	54.40	1.286
Stddev	84.	5.	5.9	.3	.95	2.042
%RSD	.3115	.2146	2.636	.3246	1.746	158.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.262	-5.985	61.20	344.0	-.2435	2.497
Stddev	3.648	1.070	.49	.2	.3197	.241
%RSD	58.26	17.88	.8065	.0514	131.3	9.658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-4-a@4 Acquired: 8/7/2013 20:55:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3624	4.452	20.53	1163.
Stddev	.2534	.027	.20	27.
%RSD	69.92	.6048	.9599	2.294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6715.5	74023.	18633.
Stddev	18.3	219.	38.
%RSD	.27178	.29588	.20501

Sample Name: sd 460-60692-d-4-a@2 Acquired: 8/7/2013 20:58:58 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16050.	3.026	-.2637	81.38	1.386	200.4
Stddev	23.	.597	.1924	.23	.043	1.3
%RSD	.1442	19.71	72.99	.2832	3.099	.6284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3994	12.62	15.88	16.45	30240.	137.2
Stddev	.0507	.11	.12	.61	38.	7.8
%RSD	12.69	.8863	.7731	3.682	.1264	5.692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5588.	476.4	34.08	21.73	10.59	.5034
Stddev	7.	.4	7.14	.21	1.18	.8152
%RSD	.1327	.0738	20.96	.9658	11.15	161.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.140	-1.589	12.30	74.58	.1211	.2841
Stddev	2.256	1.827	.34	.22	.1165	.3595
%RSD	105.4	115.0	2.786	.2966	96.25	126.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60692-d-4-a@2 Acquired: 8/7/2013 20:58:58 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3622	.8764	4.878	222.2
Stddev	.1077	.0298	.555	8.8
%RSD	29.75	3.398	11.37	3.972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6692.2	74054.	18126.
Stddev	8.6	220.	210.
%RSD	.12887	.29641	1.1585

Sample Name: lcssrm 460-174803/2- Acquired: 8/7/2013 21:02:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40570.	799.3	201.7	1076.	538.6	33060.
Stddev	12.	4.2	.4	2.	.3	86.
%RSD	.0295	.5208	.1816	.1430	.0598	.2610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	499.5	671.8	614.2	582.1	71620.	14590.
Stddev	.7	.3	1.4	.4	151.	18.
%RSD	.1318	.0504	.2298	.0624	.2110	.1218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13010.	1760.	1631.	362.5	395.1	990.3
Stddev	36.	3.	11.	.5	.7	3.9
%RSD	.2795	.1737	.6919	.1440	.1739	.3922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	597.5	1118.	442.2	1365.	406.3	332.3
Stddev	1.5	3.	1.3	2.	.5	1.1
%RSD	.2524	.2899	.2980	.1541	.1144	.3340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-174803/2- Acquired: 8/7/2013 21:02:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	726.2	666.8	1000.	1401.
Stddev	.6	.6	.	9.
%RSD	.0789	.0916	.0348	.6743
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6615.2	73365.	18678.
Stddev	2.5	221.	88.
%RSD	.03832	.30186	.47091

Sample Name: CCV Acquired: 8/7/2013 21:05:53 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	2413.	1224.	9965.	981.4	124200.
Stddev	235.	4.	4.	6.	2.3	104.
%RSD	.1933	.1700	.3087	.0624	.2358	.0835
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1211.	2466.	4978.	12290.	99530.	50000.
Stddev	1.	2.	3.	18.	101.	44.
%RSD	.0761	.0616	.0515	.1426	.1019	.0880
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123900.	5002.	125800.	2472.	7444.	990.4
Stddev	86.	14.	1334.	2.	4.	1.3
%RSD	.0697	.2842	1.060	.1010	.0565	.1312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2439.	2507.	2453.	2445.	957.8	2459.
Stddev	3.	3.	5.	1.	1.3	2.
%RSD	.1421	.1388	.2205	.0497	.1338	.1005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 21:05:53 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	5054.	9927.	9395.
Stddev	2.	89.	16.	36.
%RSD	.2476	1.754	.1607	.3828
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6102.9	67278.	17497.
Stddev	5.5	78.	101.
%RSD	.09015	.11647	.57538

Sample Name: CCB Acquired: 8/7/2013 21:09:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.145	1.120	-.4407	.4848	.3040	-6.383
Stddev	13.57	.789	.2667	.1296	.0484	4.124
%RSD	263.7	70.48	60.51	26.73	15.92	64.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0008	-.0023	.3408	2.654	6.744	15.32
Stddev	.0815	.1980	.3624	.463	3.007	26.10
%RSD	10520.	8431.	106.3	17.45	44.59	170.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.842	.3084	-7.744	.5010	-.2291	1.207
Stddev	3.184	.1079	20.15	.3852	.7637	1.240
%RSD	54.50	34.99	260.2	76.88	333.3	102.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.552	.5880	.0082	.2131	1.567	4.734
Stddev	.329	.4391	.1548	.0354	.274	1.002
%RSD	21.19	74.68	1885.	16.60	17.48	21.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 21:09:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6837	.2457	3.172	-5.072
Stddev	.3484	.1451	.566	4.215
%RSD	50.96	59.07	17.83	83.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6642.7	73698.	18019.
Stddev	13.2	105.	36.
%RSD	.19873	.14307	.20166

Sample Name: mb 460-174803/1-a@2 Acquired: 8/7/2013 21:13:15 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.609	-1.142	-.7159	.1348	.2109	5.789
Stddev	10.37	1.468	.1544	.0829	.0444	8.822
%RSD	397.3	128.6	21.57	61.47	21.04	152.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0125	-.2512	.3984	.5274	2.350	-1.495
Stddev	.0901	.1081	.3060	.4133	4.541	9.160
%RSD	718.0	43.05	76.81	78.35	193.3	612.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.126	.0058	-1.311	-.6884	-1.330	2.480
Stddev	.712	.0265	8.624	.7234	.357	1.334
%RSD	63.19	455.0	658.0	105.1	26.86	53.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.183	-1.264	-.3562	.6811	2.947	1.283
Stddev	.414	.683	.2683	.0065	.277	.388
%RSD	18.97	54.02	75.33	.9515	9.407	30.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174803/1-a@2 Acquired: 8/7/2013 21:13:15 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.222	.1011	1.250	7.682
Stddev	.498	.0321	.799	8.428
%RSD	40.78	31.76	63.91	109.7
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6453.2	72632.	17691.
Stddev	53.3	690.	77.
%RSD	.82619	.94950	.43757

Sample Name: 460-60692-d-4-c ms@4 Acquired: 8/7/2013 21:16:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	84160.	902.9	24.04	1353.	29.93	10280.
Stddev	146.	2.4	.32	1.	.04	60.
%RSD	.1731	.2671	1.312	.0675	.1499	.5831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22.34	302.8	170.0	197.5	142400.	9913.
Stddev	.10	.2	1.2	1.4	614.	19.
%RSD	.4274	.0550	.7019	.6856	.4309	.1866
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35470.	3231.	10030.	345.5	310.3	127.4
Stddev	198.	11.	17.	.2	.8	2.3
%RSD	.5581	.3504	.1662	.0537	.2620	1.805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	896.7	992.4	293.0	569.6	217.0	232.5
Stddev	3.9	3.4	.4	.3	.2	.2
%RSD	.4392	.3435	.1409	.0464	.0898	.0912
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-4-c ms@4 Acquired: 8/7/2013 21:16:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	232.5	245.8	228.1	1795.
Stddev	.6	.5	1.1	26.
%RSD	.2571	.2211	.4763	1.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6634.0	73217.	18493.
Stddev	6.8	115.	22.
%RSD	.10228	.15740	.11884

Sample Name: pds 460-60692-d-4-a@ Acquired: 8/7/2013 21:20:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80310.	1753.	45.10	2302.	53.41	19470.
Stddev	219.	7.	.61	4.	.21	17.
%RSD	.2722	.3930	1.357	.1629	.3842	.0873
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44.62	523.8	266.2	308.8	145300.	19240.
Stddev	.37	1.2	.6	1.2	155.	38.
%RSD	.8341	.2352	.2276	.4010	.1066	.1972
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44770.	2759.	19350.	574.3	519.0	400.4
Stddev	29.	1.	17.	1.7	2.0	1.1
%RSD	.0646	.0538	.0880	.2983	.3888	.2640
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1761.	1927.	512.4	793.9	440.5	454.8
Stddev	4.	5.	.8	1.3	.6	.7
%RSD	.2113	.2454	.1627	.1697	.1420	.1515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60692-d-4-a@ Acquired: 8/7/2013 21:20:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	456.6	472.4	486.9	1210.
Stddev	2.1	.4	2.2	11.
%RSD	.4518	.0942	.4446	.9088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6623.9	73305.	18639.
Stddev	9.2	326.	44.
%RSD	.13905	.44530	.23536

Sample Name: 460-60692-d-1-a@4 Acquired: 8/7/2013 21:23:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	104200.	11.49	.5378	604.8	3.309	4469.
Stddev	372.	1.11	.2878	1.3	.033	13.
%RSD	.3568	9.665	53.52	.2152	1.000	.2934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.273	61.50	182.7	131.6	177700.	982.3
Stddev	.121	.28	.3	.7	211.	18.7
%RSD	9.470	.4551	.1784	.5363	.1188	1.903
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43850.	1375.	95.99	217.7	56.72	3.574
Stddev	116.	3.	2.30	.1	1.12	1.272
%RSD	.2646	.2161	2.399	.0244	1.976	35.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.454	-8.540	73.12	472.7	-.1185	2.790
Stddev	3.787	1.014	.16	2.2	.2619	.440
%RSD	50.81	11.88	.2156	.4727	221.0	15.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-1-a@4 Acquired: 8/7/2013 21:23:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1224	42.01	15.28	1035.
Stddev	.2116	.09	.50	2.
%RSD	172.9	.2084	3.294	.2127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6590.3	72713.	18408.
Stddev	17.5	370.	125.
%RSD	.26516	.50852	.68157

Sample Name: 460-60692-d-2-a@4 Acquired: 8/7/2013 21:27:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12650.	13.58	-.1736	59.02	1.154	82.85
Stddev	38.	1.31	.4218	.26	.039	3.02
%RSD	.3039	9.615	243.0	.4423	3.383	3.644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5071	20.90	31.96	23.94	39740.	1323.
Stddev	.1012	.14	.09	.36	157.	8.
%RSD	19.95	.6829	.2836	1.493	.3954	.6230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1433.	416.0	34.84	23.65	28.92	1.907
Stddev	8.	1.3	2.55	.19	.19	.469
%RSD	.5569	.3241	7.322	.8099	.6643	24.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.678	-2.598	22.74	79.65	2.667	4.270
Stddev	1.245	.600	.15	.28	.271	.166
%RSD	46.50	23.09	.6402	.3526	10.16	3.881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-2-a@4 Acquired: 8/7/2013 21:27:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7300	5.589	66.61	715.5
Stddev	.1439	.042	.19	6.9
%RSD	19.71	.7497	.2815	.9668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6638.3	73840.	18166.
Stddev	14.7	135.	35.
%RSD	.22208	.18329	.19450

Sample Name: 460-60692-d-3-a@4 Acquired: 8/7/2013 21:30:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40950.	21.08	-.3623	203.0	2.479	176800.
Stddev	48.	.29	.6011	.6	.053	1136.
%RSD	.1168	1.365	165.9	.3194	2.132	.6423
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4891	66.70	58.89	69.78	91370.	2327.
Stddev	.0695	.26	.15	1.39	196.	14.
%RSD	14.21	.3926	.2575	1.987	.2145	.5834
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44650.	1523.	232.7	71.43	51.71	.6400
Stddev	107.	3.	2.4	.20	.57	.9926
%RSD	.2391	.1718	1.019	.2765	1.099	155.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.451	-5.395	56.79	209.6	4.253	5.498
Stddev	1.949	1.779	.34	.3	.680	.341
%RSD	56.47	32.98	.5920	.1498	15.98	6.196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-3-a@4 Acquired: 8/7/2013 21:30:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.970	237.6	219.4	1144.
Stddev	.542	.3	.5	20.
%RSD	27.51	.1400	.2246	1.711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6339.2	70235.	18002.
Stddev	16.7	214.	72.
%RSD	.26410	.30503	.40264

Sample Name: 460-60692-d-5-a@4 Acquired: 8/7/2013 21:34:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46210.	11.59	-.0944	203.6	2.490	246.8
Stddev	76.	.77	.1867	.1	.028	5.4
%RSD	.1637	6.682	197.8	.0384	1.134	2.169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6250	26.84	37.70	47.49	52650.	2575.
Stddev	.0393	.20	.13	.52	166.	2.
%RSD	6.293	.7629	.3394	1.102	.3155	.0968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3497.	242.0	70.21	58.55	42.09	-.0211
Stddev	8.	.2	7.95	.20	.86	.3335
%RSD	.2182	.0944	11.32	.3434	2.044	1582.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.469	-3.340	39.11	200.7	3.342	1.044
Stddev	.193	.970	.28	.0	.190	.231
%RSD	4.326	29.05	.7060	.0123	5.677	22.13
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-5-a@4 Acquired: 8/7/2013 21:34:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.663	11.79	203.2	1153.
Stddev	.271	.01	.8	7.
%RSD	16.30	.0532	.4016	.5789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6887.0	75957.	19018.
Stddev	15.3	403.	86.
%RSD	.22183	.53028	.45185

Sample Name: 460-60692-d-6-a@4 Acquired: 8/7/2013 21:37:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28290.	15.38	.4969	76.75	3.565	327.1
Stddev	43.	.63	.5552	.11	.024	1.9
%RSD	.1523	4.073	111.7	.1380	.6809	.5689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.519	16.44	49.42	51.33	129300.	1395.
Stddev	.098	.08	.50	1.37	148.	14.
%RSD	6.453	.4917	1.017	2.669	.1145	.9777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1783.	138.2	-11.97	48.96	33.31	-.2403
Stddev	7.	.1	4.69	.38	1.28	.1702
%RSD	.3851	.0778	39.14	.7802	3.850	70.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.736	-6.445	58.75	159.8	.9537	3.940
Stddev	.773	1.212	.66	.4	.1333	.326
%RSD	11.47	18.80	1.128	.2403	13.98	8.272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-6-a@4 Acquired: 8/7/2013 21:37:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.045	-.3302	166.0	827.0
Stddev	.784	.0332	.4	8.6
%RSD	75.04	10.06	.2216	1.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6638.0	73526.	18341.
Stddev	7.9	224.	123.
%RSD	.11938	.30407	.66794

Sample Name: 460-60692-d-7-a@4 Acquired: 8/7/2013 21:41:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48770.	17.14	.1015	313.7	1.906	28350.
Stddev	27.	1.69	.3338	.5	.083	47.
%RSD	.0563	9.867	328.9	.1726	4.352	.1650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4734	33.94	66.22	166.4	110000.	2244.
Stddev	.0578	.23	.62	1.0	68.	18.
%RSD	12.21	.6751	.9387	.6186	.0619	.7818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15800.	1173.	529.5	73.85	1005.	4.449
Stddev	49.	1.	2.3	.64	2.	1.199
%RSD	.3117	.0754	.4376	.8619	.1496	26.95
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.249	-4.855	60.98	1088.	8.496	5.202
Stddev	1.793	.644	.19	.	.435	.251
%RSD	28.69	13.26	.3191	.0070	5.116	4.819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-7-a@4 Acquired: 8/7/2013 21:41:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	40.08	68.19	184.1	1285.
Stddev	.34	.13	1.1	5.
%RSD	.8461	.1839	.5763	.4100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6521.6	72753.	18372.
Stddev	19.1	204.	20.
%RSD	.29258	.28016	.10683

Sample Name: 460-60692-d-9-a@4 Acquired: 8/7/2013 21:45:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	95630.	26.48	.6820	189.5	3.607	4287.
Stddev	194.	1.50	.4869	.1	.027	20.
%RSD	.2033	5.680	71.39	.0506	.7413	.4742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.657	63.34	108.1	130.1	177600.	3357.
Stddev	.183	.29	.3	1.3	521.	6.
%RSD	11.05	.4591	.2978	.9614	.2936	.1676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24810.	1091.	359.0	130.6	84.18	.9531
Stddev	119.	2.	3.6	.1	1.51	1.596
%RSD	.4800	.2056	1.013	.0916	1.792	167.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.71	-8.128	109.6	339.1	20.28	3.930
Stddev	2.96	.688	.4	.8	.23	.273
%RSD	27.68	8.467	.3653	.2469	1.146	6.953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60692-d-9-a@4 Acquired: 8/7/2013 21:45:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.993	48.07	543.1	1123.
Stddev	.425	.08	.8	6.
%RSD	14.19	.1616	.1396	.5778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6563.5	72225.	18158.
Stddev	11.4	131.	39.
%RSD	.17328	.18126	.21738

Sample Name: CCV Acquired: 8/7/2013 21:48:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122000.	2399.	1224.	9969.	979.2	124500.
Stddev	136.	2.	3.	6.	1.7	251.
%RSD	.1111	.0882	.2551	.0598	.1716	.2017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1209.	2464.	5005.	12300.	99910.	50100.
Stddev	1.	1.	8.	15.	141.	11.
%RSD	.0585	.0363	.1533	.1196	.1416	.0212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124400.	5026.	126100.	2471.	7437.	988.6
Stddev	277.	24.	938.	1.	9.	.6
%RSD	.2229	.4763	.7438	.0344	.1227	.0580
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2430.	2508.	2457.	2451.	952.5	2457.
Stddev	10.	5.	3.	2.	1.7	2.
%RSD	.4269	.2021	.1187	.0892	.1796	.0865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 21:48:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.9	5047.	9905.	9343.
Stddev	.3	68.	2.	62.
%RSD	.0306	1.339	.0213	.6584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6103.5	67092.	17420.
Stddev	4.1	122.	90.
%RSD	.06726	.18111	.51529

Sample Name: CCB Acquired: 8/7/2013 21:52:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.662	.4909	-.6307	.4385	.2230	-4.892
Stddev	11.30	.4096	.5176	.0893	.1030	7.006
%RSD	147.5	83.43	82.07	20.36	46.21	143.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0103	.0394	.3969	.7869	16.33	6.400
Stddev	.1384	.2575	.1614	.2764	2.23	27.52
%RSD	1349.	653.7	40.66	35.12	13.67	430.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.652	.3206	-8.171	.4034	-.1272	1.183
Stddev	2.113	.1214	16.85	.1454	.9240	1.168
%RSD	57.87	37.85	206.2	36.05	726.6	98.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.900	.1192	-.0947	.2010	1.605	4.976
Stddev	.984	1.062	.2529	.1809	.597	1.082
%RSD	51.80	891.3	267.1	90.01	37.18	21.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 21:52:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1300	.2853	2.788	.5994
Stddev	.3328	.1519	.468	3.838
%RSD	255.9	53.24	16.78	640.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6653.6	73825.	17838.
Stddev	7.8	120.	103.
%RSD	.11720	.16203	.57891

Sample Name: 460-60678-a-1-a@4 Acquired: 8/7/2013 21:55:51 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45720.	89.16	7.010	312.4	1.497	14640.
Stddev	204.	.21	.379	.4	.031	90.
%RSD	.4450	.2370	5.411	.1149	2.087	.6167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.248	26.28	83.07	686.7	113900.	2542.
Stddev	.155	.19	.32	2.6	431.	5.
%RSD	2.476	.7084	.3824	.3719	.3782	.1779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7901.	1911.	589.1	71.06	1454.	28.15
Stddev	51.	6.	6.3	.53	1.	2.01
%RSD	.6516	.3384	1.062	.7408	.0963	7.130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.26	-4.676	121.3	1773.	16.05	10.56
Stddev	1.29	.377	.3	4.	.38	.33
%RSD	11.41	8.068	.2184	.2183	2.386	3.117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-1-a@4 Acquired: 8/7/2013 21:55:51 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	79.21	61.19	942.0	1349.
Stddev	.49	.07	3.8	13.
%RSD	.6186	.1181	.4070	.9599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6556.8	72790.	18338.
Stddev	28.0	409.	35.
%RSD	.42720	.56136	.19087

Sample Name: 460-60678-a-2-a@4 Acquired: 8/7/2013 21:59:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30610.	112.1	12.55	351.3	2.953	32330.
Stddev	42.	1.9	.85	.0	.079	134.
%RSD	.1364	1.697	6.779	.0115	2.664	.4154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.049	53.14	78.64	1290.	134700.	2504.
Stddev	.063	.18	.53	5.	399.	7.
%RSD	1.251	.3307	.6723	.4050	.2964	.2662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9386.	1116.	536.2	309.1	2109.	92.23
Stddev	34.	3.	2.0	.5	3.	2.10
%RSD	.3593	.2738	.3678	.1709	.1259	2.282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.10	-6.450	117.9	1459.	19.43	6.524
Stddev	.48	.799	.1	2.	.42	.340
%RSD	4.008	12.39	.0770	.1379	2.183	5.208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-2-a@4 Acquired: 8/7/2013 21:59:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	158.0	277.0	619.1	1627.
Stddev	.1	.2	2.7	15.
%RSD	.0738	.0773	.4340	.9226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6572.4	73225.	18412.
Stddev	16.9	170.	90.
%RSD	.25722	.23152	.48946

Sample Name: 460-60678-a-3-a@4 Acquired: 8/7/2013 22:02:49 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26240.	50.14	.6831	432.8	2.390	6582.
Stddev	26.	.69	.3063	.3	.045	39.
%RSD	.1000	1.374	44.84	.0719	1.891	.5896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.115	37.02	39.73	557.3	72940.	2232.
Stddev	.127	.23	.41	1.7	135.	41.
%RSD	2.481	.6085	1.026	.2985	.1850	1.823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2684.	1037.	426.7	63.43	155.1	4.528
Stddev	5.	2.	1.6	.34	1.1	1.569
%RSD	.1933	.2303	.3780	.5287	.7173	34.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.73	-1.764	69.77	302.7	10.28	11.18
Stddev	.26	.357	.44	.2	.59	.24
%RSD	1.644	20.25	.6264	.0716	5.741	2.120
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-3-a@4 Acquired: 8/7/2013 22:02:49 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.98	117.2	884.2	911.2
Stddev	.29	.4	.1	2.4
%RSD	2.622	.3298	.0102	.2642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6622.4	73776.	18359.
Stddev	15.8	398.	58.
%RSD	.23810	.53981	.31323

Sample Name: 460-60678-a-4-a@4 Acquired: 8/7/2013 22:06:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11860.	78.57	5.173	335.4	1.264	7397.
Stddev	17.	.74	.342	.5	.032	44.
%RSD	.1463	.9450	6.620	.1593	2.528	.5887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.628	17.63	39.92	549.6	62700.	2026.
Stddev	.057	.04	.23	1.1	75.	12.
%RSD	3.504	.2087	.5884	.2082	.1200	.5905
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2971.	366.8	234.3	42.27	631.1	29.58
Stddev	17.	.6	3.7	.46	2.2	.79
%RSD	.5763	.1658	1.562	1.091	.3564	2.674
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.62	-3.386	81.90	395.4	11.75	6.318
Stddev	1.77	.865	.58	1.3	.38	.242
%RSD	13.03	25.55	.7040	.3161	3.209	3.838
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-4-a@4 Acquired: 8/7/2013 22:06:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	42.61	144.1	780.8	918.9
Stddev	.53	.3	2.1	10.8
%RSD	1.253	.1926	.2648	1.172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6612.3	74061.	18489.
Stddev	21.7	262.	122.
%RSD	.32777	.35308	.65900

Sample Name: 460-60678-a-5-a@4 Acquired: 8/7/2013 22:09:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4040.	130.5	2.408	322.6	2.241	2803.
Stddev	36.	.2	.396	.2	.038	2.
%RSD	.8807	.1382	16.44	.0678	1.692	.0806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.032	37.07	49.26	566.6	F 246700.	1726.
Stddev	.124	.17	.23	2.2	126.	17.
%RSD	12.06	.4581	.4729	.3937	.0511	.9585
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	482.9	1082.	378.2	38.90	385.6	5.304
Stddev	3.6	.	8.0	.69	1.6	1.108
%RSD	.7496	.0153	2.120	1.782	.4203	20.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.89	-11.31	72.48	51.27	52.46	15.42
Stddev	1.41	1.67	.44	.29	.29	.08
%RSD	3.916	14.73	.6002	.5630	.5446	.5067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-5-a@4 Acquired: 8/7/2013 22:09:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	72.88	200.9	759.2	882.6
Stddev	.03	.4	1.3	7.1
%RSD	.0370	.1793	.1716	.8093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6484.2	73224.	18858.
Stddev	18.9	392.	248.
%RSD	.29102	.53471	1.3126

Sample Name: 460-60678-a-6-a@4 Acquired: 8/7/2013 22:13:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18570.	100.6	1.102	656.1	2.412	3474.
Stddev	29.	.5	.249	1.7	.003	8.
%RSD	.1574	.5295	22.57	.2580	.1355	.2404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.012	31.02	50.44	460.1	78120.	2059.
Stddev	.041	.09	.29	2.3	85.	22.
%RSD	2.045	.2957	.5661	.4908	.1094	1.090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	930.9	408.1	356.9	66.67	725.2	14.73
Stddev	5.2	.2	8.1	.58	1.3	.51
%RSD	.5621	.0608	2.271	.8664	.1743	3.492
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.29	-3.495	100.4	154.6	10.80	15.77
Stddev	1.54	1.169	.1	.5	.30	.37
%RSD	7.259	33.44	.0625	.3015	2.778	2.335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-6-a@4 Acquired: 8/7/2013 22:13:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	64.56	188.2	962.6	944.6
Stddev	.27	.1	.6	5.0
%RSD	.4231	.0726	.0606	.5260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6668.8	75211.	18732.
Stddev	15.4	303.	119.
%RSD	.23092	.40296	.63757

Sample Name: 460-60678-a-7-a@4 Acquired: 8/7/2013 22:16:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21290.	268.9	2.260	1517.	4.001	2561.
Stddev	18.	.9	.025	1.	.077	10.
%RSD	.0860	.3457	1.086	.0369	1.920	.3934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.080	211.2	76.81	519.2	157400.	1507.
Stddev	.066	.1	.63	3.6	596.	17.
%RSD	3.180	.0406	.8208	.7012	.3789	1.116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	797.2	2252.	269.6	108.1	640.2	17.89
Stddev	3.3	6.	3.4	.7	1.7	.86
%RSD	.4122	.2666	1.258	.6584	.2684	4.829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.38	-6.561	221.7	161.1	12.33	96.73
Stddev	.84	1.365	.6	.4	.44	.30
%RSD	2.602	20.80	.2776	.2384	3.580	.3089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-7-a@4 Acquired: 8/7/2013 22:16:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	48.53	176.6	1319.	992.1
Stddev	.19	.2	1.	15.2
%RSD	.3818	.1173	.0485	1.530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6889.9	77332.	19548.
Stddev	16.3	93.	5.
%RSD	.23621	.12025	.02685

Sample Name: 460-60678-a-8-a@4 Acquired: 8/7/2013 22:20:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4323.	76.73	3.276	227.4	2.661	6458.
Stddev	11.	1.33	.249	.1	.062	13.
%RSD	.2536	1.730	7.597	.0459	2.329	.2009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3955	7.753	41.65	396.6	62270.	1652.
Stddev	.0937	.183	.50	2.7	29.	19.
%RSD	23.68	2.358	1.193	.6784	.0469	1.150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	785.5	112.6	553.0	27.48	396.7	12.05
Stddev	1.7	.2	.5	.57	.9	.59
%RSD	.2142	.1997	.0857	2.065	.2255	4.887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.21	-2.839	83.21	83.54	13.69	9.716
Stddev	1.83	.753	.30	.05	.33	.184
%RSD	5.197	26.51	.3622	.0610	2.411	1.889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-8-a@4 Acquired: 8/7/2013 22:20:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	28.44	251.1	506.1	769.4
Stddev	.20	.3	1.4	12.5
%RSD	.7016	.1358	.2809	1.621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6626.8	74879.	18722.
Stddev	14.9	178.	48.
%RSD	.22505	.23739	.25453

Sample Name: 460-60690-a-1-b@4 Acquired: 8/7/2013 22:23:57 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19630.	5.694	.0238	120.2	1.243	7143.
Stddev	49.	1.444	.2185	.3	.051	2.
%RSD	.2495	25.35	919.7	.2412	4.077	.0339
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3077	15.33	54.63	70.37	38240.	2553.
Stddev	.0471	.02	.42	1.87	35.	23.
%RSD	15.30	.1574	.7602	2.655	.0917	.9004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9052.	611.6	304.3	39.82	26.21	.9964
Stddev	24.	.2	5.2	.29	.55	.7253
%RSD	.2597	.0326	1.713	.7388	2.115	72.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.568	-2.691	52.87	67.65	6.448	.6841
Stddev	2.207	.925	.54	.22	.476	.1928
%RSD	61.86	34.37	1.016	.3284	7.387	28.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-1-b@4 Acquired: 8/7/2013 22:23:57 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.370	22.04	477.0	520.8
Stddev	.233	.01	.8	12.5
%RSD	9.826	.0682	.1778	2.396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6648.1	74505.	18650.
Stddev	23.3	290.	49.
%RSD	.35062	.38874	.26120

Sample Name: 460-60690-a-2-b@4 Acquired: 8/7/2013 22:27:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18060.	3.450	-.3510	176.7	.9119	5216.
Stddev	20.	1.342	.4391	.3	.0422	15.
%RSD	.1100	38.91	125.1	.1863	4.623	.2889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2730	14.86	42.57	80.47	27560.	2309.
Stddev	.1147	.19	.20	1.00	18.	8.
%RSD	42.02	1.248	.4756	1.244	.0643	.3627
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6457.	956.0	263.0	32.08	21.25	2.437
Stddev	9.	1.7	5.2	.58	.41	.480
%RSD	.1468	.1811	1.985	1.815	1.926	19.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.419	-1.684	58.62	52.40	6.138	.6013
Stddev	1.245	.794	.56	.04	.125	.2765
%RSD	51.45	47.16	.9540	.0808	2.041	45.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-2-b@4 Acquired: 8/7/2013 22:27:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.799	28.43	422.2	535.2
Stddev	.084	.02	.9	2.6
%RSD	4.658	.0576	.2020	.4859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6652.1	74398.	18666.
Stddev	18.5	240.	82.
%RSD	.27829	.32194	.44073

Sample Name: CCV Acquired: 8/7/2013 22:31:05 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2410.	1224.	9958.	976.8	123000.
Stddev	184.	2.	4.	11.	2.8	155.
%RSD	.1513	.0859	.3498	.1146	.2843	.1261
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1205.	2461.	4940.	12270.	98560.	49980.
Stddev	2.	2.	7.	11.	102.	79.
%RSD	.1259	.0989	.1376	.0923	.1038	.1574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122700.	4961.	127900.	2466.	7413.	990.1
Stddev	223.	15.	661.	3.	6.	2.2
%RSD	.1819	.3053	.5169	.1153	.0829	.2252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2440.	2505.	2444.	2425.	956.4	2458.
Stddev	13.	5.	2.	3.	.8	5.
%RSD	.5441	.1908	.0889	.1416	.0800	.2046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 22:31:05 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	994.2	5096.	9906.	9458.
Stddev	1.4	14.	26.	33.
%RSD	.1406	.2772	.2580	.3505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6133.1	68211.	17812.
Stddev	2.8	97.	28.
%RSD	.04606	.14281	.15831

Sample Name: CCB Acquired: 8/7/2013 22:34:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.488	.5090	-.7364	.2775	.2472	-11.67
Stddev	6.422	1.049	.1665	.1914	.0384	3.37
%RSD	143.1	206.0	22.61	68.99	15.53	28.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0038	-.2125	.4333	.9227	-1.433	9.352
Stddev	.0655	.0648	.5486	.9528	5.116	29.12
%RSD	1706.	30.49	126.6	103.3	357.0	311.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.406	.1906	-6.771	-.1892	.7451	.5451
Stddev	3.286	.0796	9.343	.1143	.3140	.2907
%RSD	233.7	41.78	138.0	60.43	42.14	53.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6255	-.7381	-.0594	.1112	1.514	4.474
Stddev	1.053	.7573	.2399	.1085	.561	1.049
%RSD	168.4	102.6	403.8	97.55	37.06	23.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 22:34:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1432	.1423	2.406	-6.520
Stddev	.2862	.1337	.573	2.962
%RSD	199.9	93.95	23.81	45.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6694.6	74931.	18304.
Stddev	10.3	221.	18.
%RSD	.15349	.29539	.09624

Sample Name: 460-60690-a-3-b@4 Acquired: 8/7/2013 22:38:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18360.	4.923	-.3516	97.64	1.480	2066.
Stddev	36.	.835	.5018	.08	.123	15.
%RSD	.1977	16.96	142.7	.0864	8.292	.7495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2679	13.10	53.59	83.14	36540.	2296.
Stddev	.0400	.18	.69	.96	126.	21.
%RSD	14.92	1.355	1.282	1.160	.3451	.9003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7303.	431.3	159.8	32.63	19.72	.3446
Stddev	32.	1.3	3.4	.33	.89	.9219
%RSD	.4450	.2959	2.110	1.004	4.506	267.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7750	-2.489	50.16	67.60	4.485	1.343
Stddev	.8605	1.207	.18	.17	.270	.165
%RSD	111.0	48.49	.3679	.2479	6.016	12.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-3-b@4 Acquired: 8/7/2013 22:38:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10.66	9.270	442.5	472.2
Stddev	.10	.067	1.5	11.4
%RSD	.8927	.7215	.3306	2.415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6653.2	74619.	18744.
Stddev	25.5	366.	101.
%RSD	.38385	.49045	.53777

Sample Name: 460-60690-a-4-a@4 Acquired: 8/7/2013 22:42:02 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19830.	4.342	-.2335	166.0	1.066	26530.
Stddev	56.	.680	.3259	.7	.054	99.
%RSD	.2809	15.66	139.5	.4191	5.080	.3743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1048	20.09	53.28	102.3	34300.	2552.
Stddev	.0693	.02	.36	.9	84.	15.
%RSD	66.16	.1236	.6690	.9184	.2439	.5787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13450.	1597.	453.1	53.91	62.62	.8137
Stddev	54.	4.	9.4	.25	.66	.5516
%RSD	.4048	.2694	2.065	.4621	1.046	67.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.105	-2.398	57.10	85.97	7.440	1.319
Stddev	.207	1.031	.68	.28	.162	.286
%RSD	9.832	43.01	1.186	.3270	2.182	21.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-4-a@4 Acquired: 8/7/2013 22:42:02 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.735	39.80	606.0	545.4
Stddev	.524	.18	1.7	9.1
%RSD	19.17	.4525	.2817	1.662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6600.4	73984.	18817.
Stddev	15.5	198.	46.
%RSD	.23509	.26714	.24198

Sample Name: 460-60458-e-1-d@4 Acquired: 8/7/2013 22:45:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56720.	142.8	.5937	574.8	3.431	24620.
Stddev	104.	1.3	.4864	1.2	.065	61.
%RSD	.1840	.8936	81.94	.2032	1.894	.2490
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.507	21.18	290.9	281.9	88590.	7798.
Stddev	.117	.24	1.4	1.0	207.	14.
%RSD	3.325	1.115	.4981	.3642	.2337	.1784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41850.	700.2	1088.	84.89	915.3	4.351
Stddev	151.	1.0	1.	.44	2.9	1.380
%RSD	.3609	.1443	.0989	.5126	.3222	31.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.95	-4.014	298.7	855.2	30.47	3.587
Stddev	2.00	1.498	1.4	1.5	.22	.143
%RSD	15.46	37.31	.4752	.1733	.7239	3.980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60458-e-1-d@4 Acquired: 8/7/2013 22:45:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	37.22	154.3	773.3	607.5
Stddev	.30	.1	.5	14.6
%RSD	.8095	.0720	.0667	2.396
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6579.0	74337.	19320.
Stddev	20.4	234.	32.
%RSD	.30984	.31513	.16329

Sample Name: 460-60458-f-2-d@4 Acquired: 8/7/2013 22:49:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26590.	479.8	1.848	674.6	1.880	15500.
Stddev	91.	1.8	.328	.7	.091	53.
%RSD	.3409	.3731	17.74	.1084	4.865	.3409
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.751	14.73	239.0	311.9	58870.	3900.
Stddev	.046	.23	.7	3.4	156.	17.
%RSD	1.221	1.590	.2749	1.090	.2657	.4437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19330.	368.3	811.6	70.50	2473.	7.384
Stddev	69.	.8	7.7	.33	2.	.773
%RSD	.3581	.2300	.9533	.4687	.0741	10.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.01	-1.989	232.4	1544.	25.20	5.034
Stddev	.37	.236	.6	5.	.43	.259
%RSD	1.751	11.89	.2393	.3512	1.697	5.137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60458-f-2-d@4 Acquired: 8/7/2013 22:49:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	66.22	139.0	521.2	578.2
Stddev	.12	.4	2.8	10.2
%RSD	.1846	.2729	.5291	1.770
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6555.4	74077.	19043.
Stddev	25.1	387.	45.
%RSD	.38227	.52295	.23820

Sample Name: CCV Acquired: 8/7/2013 22:52:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121400.	2411.	1222.	9958.	975.7	122600.
Stddev	55.	8.	2.	8.	.9	319.
%RSD	.0452	.3423	.1953	.0792	.0961	.2605
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1201.	2457.	4929.	12260.	98400.	49950.
Stddev	2.	3.	3.	5.	91.	50.
%RSD	.1889	.1308	.0649	.0427	.0920	.1010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122300.	4971.	126000.	2461.	7395.	994.2
Stddev	286.	19.	136.	4.	10.	2.7
%RSD	.2336	.3859	.1083	.1635	.1340	.2765
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2439.	2502.	2441.	2408.	958.2	2459.
Stddev	9.	5.	5.	9.	1.4	3.
%RSD	.3827	.1811	.2100	.3636	.1465	.1268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 22:52:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	993.7	5089.	9899.	9526.
Stddev	.5	21.	6.	22.
%RSD	.0538	.4217	.0595	.2312
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6148.7	68379.	18028.
Stddev	5.9	82.	61.
%RSD	.09569	.12038	.33633

Sample Name: CCB Acquired: 8/7/2013 22:56:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.67	.8735	-.6508	.2984	.2630	-11.67
Stddev	3.17	.9356	.4647	.1410	.0345	3.17
%RSD	27.21	107.1	71.40	47.27	13.11	27.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0530	-.2808	.3774	-.1620	4.760	-14.20
Stddev	.0901	.0648	.2732	2.570	1.901	18.55
%RSD	169.9	23.07	72.39	1586.	39.94	130.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.986	.1632	-1.194	.1222	-.6443	1.199
Stddev	2.410	.0625	14.25	.3842	1.112	1.240
%RSD	121.3	38.31	1193.	314.5	172.6	103.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3490	.0085	.1454	.1812	1.417	4.628
Stddev	2.228	2.466	.1134	.1115	.476	.982
%RSD	638.5	28880.	77.97	61.51	33.62	21.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 22:56:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3149	.1953	2.202	-10.60
Stddev	.1635	.1738	.682	9.48
%RSD	51.93	89.03	30.96	89.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6715.9	75403.	18556.
Stddev	4.8	171.	109.
%RSD	.07182	.22653	.58516

Sample Name: CAL_BLK Acquired: 8/7/2013 10:27:48 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0009	-.0004	-.0000	-.0000	.0002	.0024
Stddev	.0001	.0000	.0000	.0001	.0002	.0001
%RSD	10.92	12.28	102.6	163.7	104.9	2.362

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0004	.0005	-.0000	.0007	.0001	-.0010
Stddev	.0001	.0001	.0000	.0001	.0000	.0001
%RSD	33.18	13.06	109.9	9.253	53.11	9.693

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	.0025	-.0001	-.0000	-.0002
Stddev	.0000	.0000	.0010	.0001	.0002	.0001
%RSD	387.9	57.30	40.97	84.58	1794.	33.78

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0001	.0001	.0004	.0002	.0002
Stddev	.0001	.0000	.0000	.0001	.0001	.0000
%RSD	51.88	35.29	9.875	30.27	22.39	12.26

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0000	-.0007	.0008
Stddev	.0001	.0003	.0001	.0005
%RSD	71.27	1379.	19.85	60.93

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6353.3	70913.	17139.
Stddev	17.3	99.	25.
%RSD	.27248	.13910	.14379

Sample Name: DCAL1 Acquired: 8/7/2013 10:31:34 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0016	.0009	.0019	.0094
Stddev	.0000	.0000	.0001	.0000
%RSD	2.294	2.805	4.365	.4714

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6356.6	70960.	17231.
Stddev	19.8	385.	149.
%RSD	.31133	.54276	.86709

Sample Name: DCAL2 Acquired: 8/7/2013 10:35:19 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0050	.0000	.0011	.0916	.0051	.0809
Stddev	.0001	.0001	.0001	.0002	.0002	.0000
%RSD	2.193	580.0	8.411	.1743	3.164	.0607

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0050	.0372	.0012	.0033	.0015	.1711
Stddev	.0000	.0001	.0000	.0001	.0000	.0012
%RSD	.9639	.3367	.6368	3.960	.9334	.7215

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0848	.0120	.5280	.0080	.0006	.0006
Stddev	.0002	.0000	.0016	.0002	.0001	.0001
%RSD	.2187	.3675	.3002	2.189	19.30	16.09

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0005	.0088	.0270	.0144	.0084
Stddev	.0001	.0001	.0001	.0000	.0001	.0001
%RSD	12.92	10.86	.8567	.1306	.8350	.8374

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0106	.1402	.0051	.0063
Stddev	.0001	.0004	.0001	.0003
%RSD	1.174	.2641	1.765	5.386

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6352.8	70786.	17433.
Stddev	11.7	219.	39.
%RSD	.18388	.30970	.22610

Sample Name: DCAL3 Acquired: 8/7/2013 10:38:58 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.6966	.0288	.0278	.9009	.4631	.4030
Stddev	.0016	.0002	.0001	.0009	.0015	.0009
%RSD	.2271	.5244	.3548	.1040	.3239	.2184

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3450	.3641	.1205	.2645	.1560	.3447
Stddev	.0005	.0004	.0002	.0004	.0003	.0005
%RSD	.1516	.0975	.1323	.1343	.2177	.1467

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4227	.7676	2.616	.1005	.1834	.0159
Stddev	.0007	.0012	.003	.0001	.0002	.0001
%RSD	.1770	.1565	.1101	.1434	.1117	.5740

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0194	.0332	.0878	.4178	.0663	.2048
Stddev	.0001	.0000	.0001	.0005	.0001	.0003
%RSD	.7012	.1214	.0628	.1281	.1735	.1325

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0412	6.905	.5439	.0675
Stddev	.0002	.003	.0008	.0005
%RSD	.4012	.0483	.1515	.7703

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6271.7	69222.	17263.
Stddev	3.7	188.	99.
%RSD	.05845	.27128	.57410

Sample Name: DCAL4 Acquired: 8/7/2013 10:42:20 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.453	.1463	.1398	4.312	2.245	1.985
Stddev	.003	.0002	.0005	.002	.001	.004
%RSD	.0965	.1473	.3626	.0468	.0546	.1890

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.643	1.733	.5816	1.286	.7433	1.733
Stddev	.002	.001	.0015	.002	.0022	.003
%RSD	.1157	.0541	.2575	.1661	.2935	.1722

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.105	3.634	12.85	.4764	.8690	.0797
Stddev	.006	.020	.04	.0003	.0008	.0001
%RSD	.2895	.5534	.3182	.0699	.0883	.1730

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0960	.1551	.4331	2.001	.3180	.9916
Stddev	.0003	.0005	.0003	.008	.0004	.0015
%RSD	.3026	.3168	.0805	.3927	.1316	.1540

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1985	33.44	2.666	.3047
Stddev	.0002	.67	.002	.0016
%RSD	.1141	2.003	.0867	.5283

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5937.0	65194.	16929.
Stddev	5.9	95.	90.
%RSD	.09889	.14547	.53089

Sample Name: DCAL5 Acquired: 8/7/2013 10:45:55 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.004	.3008	.2903	8.442	4.464	3.896
Stddev	.043	.0003	.0006	.008	.004	.014
%RSD	.6164	.0885	.1951	.0963	.0800	.3506

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.270	3.427	1.145	2.581	1.456	3.543
Stddev	.003	.003	.003	.007	.004	.004
%RSD	.0752	.0779	.2490	.2721	.2531	.1135

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.192	7.056	25.34	.9339	1.702	.1627
Stddev	.017	.007	.39	.0005	.000	.0003
%RSD	.4138	.1001	1.522	.0556	.0086	.1645

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1951	.3017	.8701	3.932	.6368	1.988
Stddev	.0002	.0006	.0020	.004	.0008	.003
%RSD	.1229	.2126	.2320	.0882	.1329	.1559

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3919	66.43	5.353	.6265
Stddev	.0003	.36	.005	.0018
%RSD	.0851	.5441	.0879	.2809

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5650.4	62735.	16559.
Stddev	8.0	149.	81.
%RSD	.14186	.23770	.48791

Sample Name: ICV Acquired: 8/7/2013 10:49:55 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122100.	2419.	1217.	9977.	988.0	124700.
Stddev	108.	7.	4.	6.	1.3	118.
%RSD	.0881	.2763	.2889	.0555	.1331	.0946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1224.	2474.	4958.	12310.	99520.	49110.
Stddev	1.	1.	9.	16.	158.	70.
%RSD	.0597	.0530	.1762	.1315	.1587	.1430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123500.	4993.	125200.	2486.	7468.	978.6
Stddev	184.	22.	282.	3.	8.	2.9
%RSD	.1492	.4440	.2250	.1008	.1119	.2926
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2435.	2484.	2452.	2485.	961.9	2483.
Stddev	3.	3.	4.	3.	.4	3.
%RSD	.1123	.1363	.1568	.1071	.0449	.1196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 8/7/2013 10:49:55 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4960.	9925.	9426.
Stddev	1.	43.	22.	61.
%RSD	.0889	.8620	.2188	.6427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5945.3	65447.	16796.
Stddev	3.4	133.	36.
%RSD	.05792	.20296	.21586

Sample Name: ICB Acquired: 8/7/2013 10:53:28 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.17	.0244	.4252	.8091	.2767	8.635
Stddev	15.82	1.473	.4594	.5176	.0746	12.40
%RSD	130.1	6042.	108.1	63.96	26.94	143.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0865	.0468	.7526	-.0931	11.37	-7.221
Stddev	.0554	.3205	.3788	.8328	9.74	14.57
%RSD	64.01	685.1	50.34	894.7	85.66	201.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.922	.4424	1.937	-.3314	-.9166	1.454
Stddev	5.183	.3449	20.15	.0252	.5078	1.042
%RSD	65.42	77.96	1040.	7.609	55.40	71.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.330	1.475	-.0649	.1500	3.528	7.138
Stddev	2.026	1.373	.2368	.1046	.799	1.377
%RSD	60.83	93.11	365.1	69.77	22.65	19.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 8/7/2013 10:53:28 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2787	.4538	3.071	3.092
Stddev	.1730	.4226	.482	1.818
%RSD	62.10	93.12	15.70	58.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6459.1	71458.	17154.
Stddev	14.6	65.	71.
%RSD	.22537	.09041	.41532

Sample Name: ICSA 2301361 Acquired: 8/7/2013 10:57:09 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	494000.	-4.007	1.573	.9383	.1268	493500.
Stddev	8087.	4.214	.408	.0878	.0959	842.
%RSD	1.637	105.2	25.93	9.358	75.62	.1706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7658	-3.298	-2.043	-2.910	193600.	-56.87
Stddev	.0571	.404	.695	1.529	216.	13.34
%RSD	7.463	12.24	34.03	52.54	.1113	23.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	494100.	1.497	-64.78	-.9255	-4.631	-5.901
Stddev	1602.	.086	5.36	1.085	1.390	1.069
%RSD	.3242	5.715	8.280	117.3	30.01	18.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3010	-11.14	-5.916	.5589	2.279	2.299
Stddev	2.286	.89	.037	.1246	.646	.590
%RSD	759.3	7.953	.6229	22.29	28.36	25.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 2301361 Acquired: 8/7/2013 10:57:09 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-3.670	.4841	4.134	-24.42
Stddev	.552	.1384	.965	17.02
%RSD	15.03	28.59	23.35	69.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5709.0	61856.	16542.
Stddev	9.9	167.	171.
%RSD	.17276	.27001	1.0331

Sample Name: ICSAB 2301381 Acquired: 8/7/2013 11:01:07 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	482800.	92.14	103.4	100.8	97.78	488100.
Stddev	1163.	.97	.5	.4	.11	3555.
%RSD	.2409	1.051	.4408	.3943	.1114	.7283
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.08	91.46	95.30	95.43	192100.	9987.
Stddev	.22	.27	.29	2.14	252.	30.
%RSD	.2243	.2928	.3050	2.245	.1309	.2990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	489700.	102.1	10270.	92.89	88.79	88.07
Stddev	2782.	.3	14.	1.66	1.57	.83
%RSD	.5681	.2744	.1379	1.782	1.770	.9468
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.19	85.54	90.90	95.58	101.9	97.74
Stddev	3.18	1.84	.43	.15	1.4	.87
%RSD	3.271	2.151	.4695	.1576	1.416	.8869
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 2301381 Acquired: 8/7/2013 11:01:07 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	90.68	100.4	103.6	94.62
Stddev	.93	.5	1.1	9.28
%RSD	1.021	.4600	1.081	9.805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5685.2	61920.	16478.
Stddev	3.9	218.	30.
%RSD	.06858	.35175	.18236

Sample Name: INT-10 2301383 Acquired: 8/7/2013 11:04:57 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29.19	6.375	-1.822	-3.888	-5.177	74.13
Stddev	12.62	1.595	.177	.340	.132	15.70
%RSD	43.24	25.02	9.730	8.749	2.542	21.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1938	10600.	10320.	-6.342	5.870	-8.182
Stddev	.0246	22.	8.	.570	4.073	18.31
%RSD	12.68	.2116	.0815	8.991	69.39	223.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.86	10210.	23.33	10690.	-.7912	4.949
Stddev	15.09	47.	4.35	25.	.9687	1.267
%RSD	48.88	.4631	18.64	.2346	122.4	25.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-5.673	-15.39	4919.	-4.543	-5.155	5003.
Stddev	3.097	.72	3.	.064	.438	15.
%RSD	54.60	4.692	.0540	1.397	8.498	.2945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 2301383 Acquired: 8/7/2013 11:04:57 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10080.	9736.	9873.	9782.
Stddev	28.	84.	11.	326.
%RSD	.2787	.8637	.1129	3.328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6350.3	71311.	17377.
Stddev	3.3	220.	33.
%RSD	.05159	.30870	.19094

Sample Name: lb 460-174293/1-c@5 Acquired: 8/7/2013 11:08:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.10	2.192	.5666	.0261	.1823	36.49
Stddev	11.83	1.375	.0839	.1283	.0836	.72
%RSD	106.7	62.71	14.81	492.6	45.85	1.974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0886	.3864	1.489	.6537	8.203	3.044
Stddev	.0448	.2397	.230	1.175	4.432	14.28
%RSD	50.53	62.04	15.45	179.7	54.03	469.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.887	.6652	171900.	1.534	-1.105	1.156
Stddev	1.181	.3404	2067.	.852	1.782	.475
%RSD	20.07	51.17	1.203	55.52	161.3	41.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0588	.2589	.1803	1.793	1.079	12.87
Stddev	.9230	.6612	.2210	.034	.452	2.33
%RSD	1570.	255.4	122.6	1.908	41.93	18.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-174293/1-c@5 Acquired: 8/7/2013 11:08:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.435	.6040	3.679	-5.543
Stddev	.428	.3672	1.723	22.77
%RSD	12.46	60.80	46.85	410.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6207.9	67474.	17105.
Stddev	11.6	470.	124.
%RSD	.18665	.69695	.72322

Sample Name: 460-60198-a-19-e@10 Acquired: 8/7/2013 11:12:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.93	2.564	-.2340	2.923	.1064	57870.
Stddev	6.44	.598	.3443	.083	.0269	53.
%RSD	20.18	23.34	147.1	2.834	25.25	.0919
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1357	2.065	5086.	1.623	10.88	1522.
Stddev	.0494	.073	5.	.944	5.74	17.
%RSD	36.38	3.547	.0993	58.13	52.72	1.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3253.	.3771	145600.	.8355	-.8481	81.72
Stddev	6.	.0976	796.	.3503	1.101	1.95
%RSD	.1731	25.88	.5469	41.92	129.8	2.382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0825	-.3984	1.040	-.4891	15.61	1.654
Stddev	1.749	1.640	.261	.0537	.05	.640
%RSD	2121.	411.8	25.12	10.98	.3013	38.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60198-a-19-e@10 Acquired: 8/7/2013 11:12:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9979	145.6	9.732	1316.
Stddev	.2819	.2	1.316	7.
%RSD	28.25	.1277	13.53	.5429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6116.4	66849.	17008.
Stddev	14.9	147.	55.
%RSD	.24433	.22036	.32594

Sample Name: Z 460-60404-a-5-b Acquired: 8/7/2013 11:16:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.126	-.3902	.3674	.3277	.1638	68.94
Stddev	10.11	1.833	.3552	.2324	.0203	3.59
%RSD	245.1	469.7	96.68	70.93	12.39	5.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0526	.0797	1.538	-.4103	6.386	-6.725
Stddev	.1262	.2871	.083	1.633	5.264	20.30
%RSD	240.1	360.1	5.407	397.9	82.43	301.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.972	.1381	367.1	.0331	-.2015	-.2446
Stddev	.101	.0306	22.4	.3311	.3246	.6997
%RSD	1.444	22.18	6.113	1001.	161.1	286.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3042	-.1849	-.1545	2.582	3.097	.8781
Stddev	.9107	.7206	.0791	.063	.302	.2361
%RSD	299.4	389.8	51.23	2.435	9.760	26.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Z 460-60404-a-5-b Acquired: 8/7/2013 11:16:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3366	.3991	.8080	20.68
Stddev	.2677	.0756	.5841	7.84
%RSD	79.53	18.94	72.29	37.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6448.6	71588.	17225.
Stddev	13.2	162.	97.
%RSD	.20455	.22656	.56367

Sample Name: 460-60565-b-15-d@20 Acquired: 8/7/2013 11:20:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6992.	12.97	1.547	404.4	.3943	14010.
Stddev	30.	1.38	.144	.4	.0498	24.
%RSD	.4278	10.66	9.335	.0867	12.62	.1698
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.792	9.372	39.64	330.9	45930.	917.2
Stddev	.053	.074	.44	3.2	54.	20.7
%RSD	2.946	.7912	1.108	.9756	.1184	2.258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4463.	352.5	2185.	34.53	860.8	.3284
Stddev	13.	.5	14.	.70	.4	1.766
%RSD	.2883	.1299	.6422	2.028	.0481	537.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.891	-2.732	28.97	2633.	13.15	6.925
Stddev	.684	1.691	.07	3.	.39	.214
%RSD	23.66	61.90	.2520	.1155	2.936	3.083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60565-b-15-d@20 Acquired: 8/7/2013 11:20:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	275.2	74.25	248.5	350.2
Stddev	.5	.15	.7	10.1
%RSD	.1889	.2080	.2617	2.894
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6433.1	71063.	17523.
Stddev	23.5	176.	82.
%RSD	.36606	.24742	.46922

Sample Name: Z 460-60577-b-2-a@ Acquired: 8/7/2013 11:23:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5285.	2.818	.4012	50.06	.3882	300.5
Stddev	7.	.276	.5133	.20	.0497	6.5
%RSD	.1261	9.776	127.9	.4064	12.79	2.172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2029	5.364	13.45	4.323	13800.	401.8
Stddev	.0611	.102	.22	.786	58.	9.6
%RSD	30.13	1.911	1.651	18.18	.4183	2.388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1873.	312.2	18.29	12.34	16.84	-.2482
Stddev	5.	.8	6.29	.45	.29	.9668
%RSD	.2930	.2645	34.39	3.612	1.720	389.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.332	-1.645	8.906	26.84	4.055	.4723
Stddev	1.674	1.036	.041	.17	.352	.0690
%RSD	125.7	62.96	.4653	.6276	8.678	14.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Z 460-60577-b-2-a@ Acquired: 8/7/2013 11:23:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.925	3.837	149.2	139.5
Stddev	.071	.022	.2	6.9
%RSD	2.430	.5866	.1248	4.953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6476.4	71639.	17404.
Stddev	3.5	340.	12.
%RSD	.05354	.47398	.07097

Sample Name: Z 460-60577-b-2-a@2 Acquired: 8/7/2013 11:27:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1267.	1.842	-.0757	11.84	.2177	79.91
Stddev	3.	1.058	.6917	.29	.0337	2.15
%RSD	.2337	57.42	913.7	2.454	15.48	2.689
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1225	1.246	3.824	1.314	3322.	76.06
Stddev	.0521	.190	.297	3.134	16.	24.99
%RSD	42.56	15.25	7.770	238.4	.4821	32.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	448.0	75.45	-18.84	2.846	3.396	.3819
Stddev	3.7	.11	4.06	.192	.691	.5126
%RSD	.8324	.1470	21.58	6.760	20.36	134.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9067	-.5526	1.934	7.616	1.259	.1372
Stddev	.3382	.8286	.148	.086	.262	.1624
%RSD	37.30	149.9	7.681	1.128	20.78	118.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Z 460-60577-b-2-a@2 Acquired: 8/7/2013 11:27:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8572	.8925	36.67	21.09
Stddev	.2678	.0158	1.01	11.45
%RSD	31.24	1.772	2.763	54.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6457.4	71514.	17251.
Stddev	8.0	158.	127.
%RSD	.12402	.22043	.73878

Sample Name: 460-60577-a-3-b@200 Acquired: 8/7/2013 11:30:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	717.4	208.8	.1740	4.079	.2010	207.6
Stddev	8.6	1.0	.1379	.140	.0343	2.7
%RSD	1.205	.4843	79.24	3.441	17.05	1.293
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3780	1.540	2.760	26.96	3091.	179.8
Stddev	.0759	.170	.561	1.67	15.	14.1
%RSD	20.07	11.04	20.33	6.194	.4902	7.829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	799.2	27.03	66.29	12.33	7869.	509.6
Stddev	4.5	.07	7.84	.59	2.	2.0
%RSD	.5654	.2473	11.82	4.809	.0197	.3952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8469	-.5211	.9398	40.54	1.581	.4167
Stddev	1.055	.3393	.1695	.13	.280	.0486
%RSD	124.5	65.11	18.03	.3299	17.69	11.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60577-a-3-b@200 Acquired: 8/7/2013 11:30:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	40.66	1.607	32.46	38.00
Stddev	.28	.017	.76	10.41
%RSD	.6782	1.026	2.348	27.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6523.0	72780.	17765.
Stddev	15.4	619.	229.
%RSD	.23664	.85047	1.2886

Sample Name: CCV Acquired: 8/7/2013 11:34:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121900.	2437.	1223.	10000.	986.6	124000.
Stddev	104.	4.	2.	14.	.9	199.
%RSD	.0849	.1506	.1470	.1388	.0907	.1606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1222.	2479.	4922.	12310.	98810.	49050.
Stddev	2.	4.	9.	10.	123.	52.
%RSD	.2002	.1777	.1873	.0783	.1243	.1064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122600.	4973.	124800.	2487.	7475.	987.0
Stddev	212.	10.	690.	2.	21.	2.5
%RSD	.1731	.2054	.5528	.0910	.2845	.2513
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2451.	2495.	2446.	2465.	966.3	2479.
Stddev	4.	7.	2.	9.	1.1	3.
%RSD	.1555	.2689	.0912	.3509	.1155	.1229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 11:34:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1002.	4986.	9933.	9609.
Stddev	3.	8.	4.	15.
%RSD	.3148	.1533	.0442	.1554
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5978.4	66512.	17311.
Stddev	13.5	58.	40.
%RSD	.22527	.08713	.23390

Sample Name: CCB Acquired: 8/7/2013 11:38:03 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.804	1.887	.3488	.5297	.2276	14.76
Stddev	13.34	.464	.3976	.5260	.1073	7.40
%RSD	475.7	24.61	114.0	99.30	47.14	50.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0517	-.0882	.8944	2.021	10.99	-2.925
Stddev	.0616	.1633	.4186	1.215	2.30	6.654
%RSD	119.2	185.2	46.81	60.12	20.93	227.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.876	.3958	-19.31	.2712	.4166	1.694
Stddev	8.682	.2796	21.31	.2076	1.820	1.085
%RSD	147.8	70.65	110.4	76.55	436.8	64.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2300	-1.427	-.0036	.2481	2.134	5.743
Stddev	.1374	.974	.1485	.1682	.499	.894
%RSD	59.74	68.24	4173.	67.78	23.37	15.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 11:38:03 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4849	.4289	3.163	5.289
Stddev	.2745	.3120	.686	11.22
%RSD	56.61	72.74	21.69	212.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6513.4	72610.	17627.
Stddev	11.9	250.	8.
%RSD	.18297	.34490	.04553

Sample Name: mb 460-174570/1-a Acquired: 8/7/2013 11:41:44 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.72	.2046	-.0518	.1593	.1543	13.66
Stddev	3.36	.5446	.1620	.0634	.0817	3.77
%RSD	28.70	266.2	312.6	39.77	52.95	27.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0220	-.0728	.2557	.7618	.0811	-12.23
Stddev	.0967	.0924	.2953	.9330	8.601	8.12
%RSD	439.1	126.9	115.5	122.5	10610.	66.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8803	.0727	-31.31	-.3644	-.3413	.7920
Stddev	2.627	.0129	13.68	.4065	.6822	.3944
%RSD	298.4	17.70	43.71	111.6	199.9	49.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2535	-.6530	-.1933	.2155	1.893	.9392
Stddev	.8516	2.003	.2254	.1222	.295	.1662
%RSD	335.9	306.7	116.6	56.74	15.57	17.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174570/1-a Acquired: 8/7/2013 11:41:44 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0014	.0511	.7689	-2.724
Stddev	.3150	.0674	.7007	10.73
%RSD	22840.	131.9	91.13	394.0
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6519.6	72984.	17773.
Stddev	12.7	94.	37.
%RSD	.19414	.12824	.21053

Sample Name: lcs 460-174570/2-a Acquired: 8/7/2013 11:45:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1978.	1894.	47.41	2048.	50.47	19920.
Stddev	12.	10.	2.38	2.	.21	55.
%RSD	.6088	.5321	5.028	.0785	.4132	.2784
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.15	504.2	201.9	247.7	1025.	19290.
Stddev	.04	1.3	.5	2.7	12.	65.
%RSD	.0889	.2548	.2248	1.096	1.165	.3375
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19510.	514.0	20170.	514.7	511.3	441.4
Stddev	52.	.5	45.	.1	1.5	2.2
%RSD	.2681	.1035	.2252	.0243	.2994	.4931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1904.	2142.	483.7	501.6	483.6	488.8
Stddev	4.	4.	1.2	1.0	1.6	1.0
%RSD	.1936	.1799	.2511	.2039	.3351	.2136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-174570/2-a Acquired: 8/7/2013 11:45:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	496.4	489.1	498.7	97.79
Stddev	.8	1.1	2.3	26.68
%RSD	.1533	.2275	.4646	27.28
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6359.6	70836.	17768.
Stddev	6.6	214.	55.
%RSD	.10455	.30188	.30788

Sample Name: 460-60459-a-2-b du Acquired: 8/7/2013 11:48:44 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	193.1	.3825	.1417	48.39	.1708	6674.
Stddev	4.1	1.458	.5372	.09	.0611	35.
%RSD	2.135	381.2	379.2	.1828	35.74	.5238
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0898	1.624	.7016	2.160	4582.	2891.
Stddev	.0316	.261	.1089	.452	6.	5.
%RSD	35.14	16.06	15.52	20.93	.1239	.1817
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1527.	44.95	7706.	.8388	2.921	.5330
Stddev	12.	.14	9.	.4845	.294	.6847
%RSD	.7867	.3024	.1126	57.77	10.08	128.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.899	-1.151	.3499	5.182	15.12	1.455
Stddev	3.143	.807	.1090	.122	.24	.176
%RSD	108.4	70.10	31.14	2.345	1.584	12.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-2-b du Acquired: 8/7/2013 11:48:44 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4511	49.20	4.443	1893.
Stddev	.3248	.13	.380	6.
%RSD	71.99	.2688	8.550	.2948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6464.9	71983.	17862.
Stddev	26.8	513.	94.
%RSD	.41409	.71221	.52745

Sample Name: 460-60459-a-2-a Acquired: 8/7/2013 11:52:23 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	199.2	.4961	-.1345	48.75	.2097	6694.
Stddev	11.1	.6194	.1931	.24	.0298	14.
%RSD	5.568	124.9	143.5	.4938	14.23	.2120
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0079	1.491	.3465	-.3066	4602.	2912.
Stddev	.1136	.093	.1925	.4041	29.	13.
%RSD	1440.	6.244	55.55	131.8	.6375	.4493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1529.	45.08	7760.	.3592	3.408	.6208
Stddev	5.	.04	16.	.3718	.267	.5093
%RSD	.3547	.0787	.2108	103.5	7.844	82.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.174	-.6853	.0535	5.078	14.74	.5080
Stddev	1.554	1.195	.4708	.027	.49	.1577
%RSD	71.49	174.4	879.8	.5268	3.309	31.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-2-a Acquired: 8/7/2013 11:52:23 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1709	49.57	3.831	1901.
Stddev	.2023	.12	.589	22.
%RSD	118.4	.2496	15.37	1.150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6471.3	72512.	17963.
Stddev	8.0	205.	83.
%RSD	.12373	.28274	.46188

Sample Name: sd 460-60459-a-2-a@5 Acquired: 8/7/2013 11:56:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.57	1.098	-.1961	9.724	.1198	1351.
Stddev	10.67	.907	.4321	.098	.0214	8.
%RSD	21.98	82.60	220.3	1.005	17.88	.6027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0167	.1867	.3595	2.275	908.3	564.6
Stddev	.0978	.2058	.3512	1.062	9.0	14.6
%RSD	586.0	110.2	97.69	46.69	.9928	2.592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	304.4	9.047	1506.	.0724	1.188	-.4539
Stddev	1.8	.019	3.	.3567	.647	1.502
%RSD	.5835	.2108	.2288	492.5	54.50	330.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.562	.1587	-.2015	2.524	3.478	.2449
Stddev	2.319	1.037	.1047	.180	.518	.0376
%RSD	148.5	653.0	51.96	7.148	14.89	15.37
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60459-a-2-a@5 Acquired: 8/7/2013 11:56:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2233	9.776	1.277	357.5
Stddev	.2265	.049	.219	4.9
%RSD	101.5	.4960	17.17	1.378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6533.2	73007.	17818.
Stddev	4.6	94.	33.
%RSD	.06994	.12916	.18788

Sample Name: 460-60459-a-2-c ms Acquired: 8/7/2013 11:59:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2264.	1894.	46.80	2083.	50.35	26780.
Stddev	10.	4.	1.09	1.	.10	46.
%RSD	.4270	.1946	2.336	.0621	.1977	.1710
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.56	502.1	201.1	246.2	5689.	22160.
Stddev	.28	.2	.1	2.9	10.	11.
%RSD	.5605	.0375	.0588	1.173	.1811	.0493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20870.	556.9	27940.	509.8	508.6	438.8
Stddev	5.	.3	20.	.7	1.0	.8
%RSD	.0225	.0460	.0731	.1310	.2043	.1904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1887.	2110.	482.8	501.0	492.0	485.2
Stddev	3.	3.	.6	1.3	1.2	.3
%RSD	.1635	.1233	.1281	.2529	.2528	.0647
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-2-c ms Acquired: 8/7/2013 11:59:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	493.0	537.4	499.0	2157.
Stddev	1.4	.7	.7	49.
%RSD	.2854	.1330	.1481	2.264
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6335.9	70547.	17761.
Stddev	7.5	156.	80.
%RSD	.11824	.22077	.45158

Sample Name: pds 460-60459-a-2-a Acquired: 8/7/2013 12:02:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2128.	1847.	47.31	2050.	49.73	26300.
Stddev	14.	4.	.13	2.	.22	34.
%RSD	.6749	.2403	.2700	.1148	.4500	.1279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.71	493.9	198.8	242.6	5472.	21800.
Stddev	.11	.3	.8	1.8	27.	50.
%RSD	.2323	.0695	.3839	.7602	.4960	.2292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20650.	549.2	27420.	503.8	503.3	424.0
Stddev	33.	.7	30.	.7	1.7	1.3
%RSD	.1611	.1318	.1100	.1317	.3348	.3111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1857.	2080.	476.0	493.3	483.4	478.9
Stddev	5.	9.	.4	.7	.8	1.2
%RSD	.2703	.4208	.0820	.1345	.1628	.2583
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60459-a-2-a Acquired: 8/7/2013 12:02:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	487.0	528.8	492.9	1969.
Stddev	.9	.7	.8	36.
%RSD	.1914	.1410	.1587	1.820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6353.3	70312.	17756.
Stddev	3.0	107.	38.
%RSD	.04751	.15181	.21183

Sample Name: 460-60459-a-1-a Acquired: 8/7/2013 12:06:18 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	224.0	1.600	.2049	49.31	.2423	6895.
Stddev	1.9	1.108	.4247	.05	.0462	11.
%RSD	.8425	69.23	207.3	.1024	19.07	.1666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0912	1.622	.7590	2.021	5462.	2975.
Stddev	.0923	.206	.3190	.545	11.	14.
%RSD	101.2	12.69	42.02	26.95	.2055	.4793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1549.	47.05	7787.	.8183	4.620	2.786
Stddev	5.	.12	7.	.1419	.986	.693
%RSD	.3414	.2566	.0840	17.34	21.34	24.87
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1030	-1.232	.1038	4.779	15.66	1.498
Stddev	1.240	.842	.2060	.030	.59	.406
%RSD	1203.	68.36	198.4	.6308	3.772	27.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-1-a Acquired: 8/7/2013 12:06:18 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5654	52.29	4.194	1948.
Stddev	.2375	.09	.531	10.
%RSD	42.00	.1671	12.65	.4887
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6484.1	72540.	17931.
Stddev	13.6	369.	50.
%RSD	.20914	.50916	.27882

Sample Name: 460-60459-a-5-a Acquired: 8/7/2013 12:09:57 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43.17	-.3549	.1821	28.32	.1893	2820.
Stddev	1.27	1.455	.8392	.31	.0455	8.
%RSD	2.930	409.9	460.8	1.097	24.05	.3005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0308	.1394	.9377	1.210	311.5	2723.
Stddev	.0918	.1634	.1581	1.686	4.6	18.
%RSD	297.9	117.2	16.86	139.4	1.466	.6572
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1211.	2.193	2742.	-.1919	-.5379	.5821
Stddev	4.	.043	7.	.1118	.4978	.5410
%RSD	.3016	1.985	.2583	58.26	92.54	92.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.211	-.5046	.3009	3.770	13.89	.5852
Stddev	.997	.6557	.0040	.250	.21	.1736
%RSD	82.34	129.9	1.323	6.641	1.527	29.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-5-a Acquired: 8/7/2013 12:09:57 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4562	6.449	1.600	1061.
Stddev	.4352	.041	.693	12.
%RSD	95.39	.6331	43.33	1.118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6528.3	73372.	18062.
Stddev	3.2	105.	47.
%RSD	.04844	.14259	.25917

Sample Name: 460-60459-a-7-a Acquired: 8/7/2013 12:13:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61.09	.3786	-.0912	26.10	.1965	2268.
Stddev	1.91	1.495	.1498	.19	.0582	5.
%RSD	3.128	395.0	164.3	.7214	29.62	.2286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0055	.5418	.7895	.4135	27.12	2141.
Stddev	.1006	.0223	.4672	.9132	6.45	16.
%RSD	1815.	4.122	59.18	220.9	23.77	.7313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1750.	18.62	2340.	.4347	3.748	.0428
Stddev	2.	.12	11.	.2931	.644	.5576
%RSD	.0931	.6450	.4608	67.42	17.17	1302.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1006	-.8458	.2982	3.767	14.35	.4147
Stddev	1.704	1.412	.1950	.229	.17	.1914
%RSD	1693.	167.0	65.38	6.086	1.190	46.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-7-a Acquired: 8/7/2013 12:13:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0664	18.04	1.688	2592.
Stddev	.6208	.02	.540	12.
%RSD	935.1	.1017	31.96	.4767
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6523.9	73452.	18054.
Stddev	15.1	189.	64.
%RSD	.23161	.25791	.35654

Sample Name: CCV Acquired: 8/7/2013 12:17:15 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121600.	2431.	1224.	9985.	984.6	124000.
Stddev	133.	4.	2.	5.	1.7	242.
%RSD	.1091	.1824	.1615	.0502	.1728	.1949
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1219.	2475.	4922.	12290.	98740.	49090.
Stddev	.	2.	11.	27.	158.	77.
%RSD	.0315	.0683	.2297	.2170	.1596	.1561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	4979.	123700.	2482.	7461.	989.0
Stddev	198.	16.	1772.	1.	3.	7.0
%RSD	.1614	.3190	1.432	.0405	.0461	.7042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2450.	2495.	2444.	2456.	964.4	2474.
Stddev	5.	3.	1.	1.	.5	5.
%RSD	.1935	.1263	.0384	.0247	.0498	.1970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 12:17:15 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4990.	9928.	9601.
Stddev	1.	37.	14.	55.
%RSD	.1061	.7421	.1403	.5716
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6002.3	66673.	17464.
Stddev	4.4	90.	112.
%RSD	.07404	.13530	.64089

Sample Name: CCB Acquired: 8/7/2013 12:20:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.993	.5943	.7099	.6164	.2618	8.879
Stddev	8.543	1.403	.3630	.4095	.1004	6.185
%RSD	85.49	236.0	51.14	66.43	38.36	69.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1118	.0229	.6113	2.764	8.103	15.04
Stddev	.0643	.0930	.1788	.707	7.780	4.15
%RSD	57.49	405.8	29.25	25.57	96.01	27.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.064	.4247	-5.427	.6314	-.0678	1.335
Stddev	3.873	.2254	21.20	.5282	1.287	.824
%RSD	54.82	53.08	390.6	83.66	1898.	61.69
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.527	-.0283	-.0695	.1395	2.081	5.435
Stddev	1.268	1.108	.3670	.1299	.415	1.230
%RSD	82.99	3920.	528.2	93.16	19.96	22.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 12:20:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5125	.4273	2.829	1.044
Stddev	.4489	.2947	.493	4.604
%RSD	87.59	68.96	17.42	441.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6544.0	73002.	17765.
Stddev	9.1	160.	59.
%RSD	.13930	.21981	.33379

Sample Name: 460-60459-a-9-a Acquired: 8/7/2013 12:24:35 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	489.3	-1.503	.0865	274.1	.3165	3467.
Stddev	5.9	.972	.1891	.3	.0273	15.
%RSD	1.207	64.69	218.6	.0958	8.640	.4353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1162	2.449	.5720	.5753	159.7	3660.
Stddev	.0567	.119	.2304	2.677	1.5	38.
%RSD	48.81	4.870	40.27	465.4	.9387	1.050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8044.	41.40	4354.	1.735	-.1124	.1605
Stddev	31.	.08	9.	.316	1.190	1.159
%RSD	.3814	.1916	.2039	18.18	1059.	722.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.981	-1.870	.4864	7.995	15.06	.9511
Stddev	1.738	1.098	.1283	.167	.32	.1840
%RSD	87.72	58.76	26.38	2.082	2.149	19.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-9-a Acquired: 8/7/2013 12:24:35 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0305	137.9	9.523	5307.
Stddev	.1084	.4	.518	16.
%RSD	355.9	.2845	5.435	.3009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6505.2	72790.	18058.
Stddev	7.2	151.	134.
%RSD	.11056	.20734	.74267

Sample Name: 460-60459-a-13-a Acquired: 8/7/2013 12:28:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.14	.1807	-.0218	.3293	.1386	50.44
Stddev	5.04	.9692	.2328	.1699	.0209	4.86
%RSD	41.52	536.4	1067.	51.60	15.12	9.628
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2264	-.1775	.2919	.5837	2.879	1.790
Stddev	.0643	.0850	.0802	.7026	3.107	12.13
%RSD	28.42	47.89	27.46	120.4	107.9	677.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.733	.1817	-5.565	-.2770	.2632	.7072
Stddev	2.892	.0119	.846	.7221	1.258	.7218
%RSD	61.10	6.563	15.20	260.7	477.8	102.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6494	-1.505	-.2554	3.482	6.772	.5603
Stddev	.5391	1.023	.3628	.116	.332	.2704
%RSD	83.02	67.99	142.0	3.327	4.896	48.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60459-a-13-a Acquired: 8/7/2013 12:28:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4533	.0874	1.117	31.70
Stddev	.2140	.0216	.242	8.97
%RSD	47.22	24.76	21.64	28.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6551.7	73516.	17992.
Stddev	5.0	192.	92.
%RSD	.07564	.26177	.51049

Sample Name: 460-60530-I-3-a Acquired: 8/7/2013 12:31:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.065	-1.891	-.3425	.1559	.1385	15.87
Stddev	5.811	2.448	.6686	.1004	.0215	.91
%RSD	72.05	129.5	195.2	64.43	15.50	5.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0099	-.1926	.5772	.5061	-3.806	-6.149
Stddev	.0929	.0719	.1507	1.117	5.639	37.76
%RSD	940.2	37.31	26.11	220.7	148.1	614.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9579	.1352	-25.91	-.0048	-1.383	.1038
Stddev	.6993	.0296	5.08	.4340	.619	.4394
%RSD	73.01	21.93	19.60	9135.	44.76	423.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.800	-.5373	-.3208	1.273	10.51	.2416
Stddev	2.178	1.199	.2387	.046	.35	.1491
%RSD	121.0	223.2	74.40	3.631	3.307	61.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60530-I-3-a Acquired: 8/7/2013 12:31:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2660	.0281	.6788	26.39
Stddev	.1177	.0462	.1917	7.77
%RSD	44.24	164.5	28.24	29.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6544.2	73413.	17948.
Stddev	10.1	66.	3.
%RSD	.15477	.08936	.01873

Sample Name: 460-60561-k-2-a Acquired: 8/7/2013 12:35:32 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.886	-1.669	.1025	.2813	.2025	13.37
Stddev	6.741	.796	.2105	.0716	.0282	5.21
%RSD	233.6	47.68	205.4	25.46	13.91	38.99
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0475	-.1930	.1744	.6977	5.704	-11.55
Stddev	.1097	.1888	.0241	1.376	5.919	13.65
%RSD	230.9	97.80	13.80	197.1	103.8	118.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.841	.0800	-20.57	.1497	-.0351	-.3790
Stddev	1.425	.0397	4.32	.2496	.6765	.6458
%RSD	77.37	49.66	20.98	166.7	1926.	170.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.320	-1.092	-.0588	1.322	10.54	.0310
Stddev	1.911	.473	.1473	.108	.18	.1724
%RSD	144.8	43.32	250.7	8.152	1.718	556.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60561-k-2-a Acquired: 8/7/2013 12:35:32 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3930	.0296	.2929	26.06
Stddev	.3130	.0616	.7986	5.76
%RSD	79.64	208.3	272.6	22.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6561.5	73549.	18085.
Stddev	11.2	100.	73.
%RSD	.17045	.13627	.40410

Sample Name: 460-60577-b-2-a@4 Acquired: 8/7/2013 12:39:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66070.	25.90	1.039	629.5	3.154	3638.
Stddev	199.	.92	.313	1.3	.085	14.
%RSD	.3017	3.566	30.14	.2048	2.703	.3848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.037	68.66	164.5	26.13	168500.	5392.
Stddev	.134	.22	.4	1.30	270.	15.
%RSD	12.88	.3207	.2493	4.975	.1601	.2714
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22630.	3808.	622.3	153.1	217.4	6.014
Stddev	40.	5.	7.7	.8	.5	1.780
%RSD	.1768	.1369	1.235	.4939	.2228	29.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.506	-8.473	113.1	321.9	45.69	2.912
Stddev	.437	1.350	.3	1.6	.18	.294
%RSD	5.143	15.94	.2258	.5022	.4035	10.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60577-b-2-a@4 Acquired: 8/7/2013 12:39:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.62	49.04	1886.	2049.
Stddev	.33	.09	3.	9.
%RSD	1.032	.1905	.1838	.4596
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6547.3	72926.	18483.
Stddev	16.1	463.	29.
%RSD	.24656	.63534	.15871

Sample Name: 460-60624-f-1-b du Acquired: 8/7/2013 12:42:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.43	F 16140.	.0705	36.30	-.0529	79490.
Stddev	15.22	34.	.5563	.30	.0182	204.
%RSD	45.52	.2097	789.2	.8214	34.42	.2571
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1422	2.128	-.2335	1.103	18.23	13980.
Stddev	.0330	.281	.3146	.937	7.24	18.
%RSD	23.21	13.23	134.7	84.92	39.73	.1316
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15730.	807.3	144500.	6.850	-.9043	8.997
Stddev	48.	1.4	2269.	.414	1.430	.679
%RSD	.3020	.1735	1.570	6.038	158.2	7.553
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.386	-.6103	3.388	66.48	F 3691.	7.357
Stddev	1.853	1.547	.289	.17	13.	.153
%RSD	77.68	253.5	8.529	.2600	.3444	2.085
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60624-f-1-b du Acquired: 8/7/2013 12:42:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0835	401.2	9.348	17680.
Stddev	.1710	1.2	.331	15.
%RSD	204.8	.2916	3.538	.0872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6314.6	69487.	17953.
Stddev	43.9	660.	51.
%RSD	.69461	.95050	.28330

Sample Name: 460-60624-f-1-a Acquired: 8/7/2013 12:46:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.63	F 16270.	.1394	36.86	-.0511	79780.
Stddev	13.48	13.	.4396	.12	.0457	356.
%RSD	37.83	.0770	315.4	.3144	89.28	.4466
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2352	2.324	-.1470	.6724	11.18	14070.
Stddev	.1291	.297	.8024	.3248	5.00	30.
%RSD	54.87	12.78	545.7	48.30	44.69	.2166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15790.	812.1	144900.	6.260	-.0205	8.767
Stddev	62.	2.0	1612.	.392	.4342	.952
%RSD	.3934	.2416	1.112	6.255	2114.	10.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.020	-.6052	3.452	66.96	F 3734.	7.509
Stddev	1.385	.8198	.326	.14	6.	.048
%RSD	68.57	135.5	9.436	.2162	.1515	.6435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60624-f-1-a Acquired: 8/7/2013 12:46:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1075	404.5	8.686	17880.
Stddev	.1160	.5	.685	33.
%RSD	107.9	.1314	7.884	.1829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6283.7	68927.	17971.
Stddev	20.5	181.	47.
%RSD	.32574	.26301	.25897

Sample Name: sd 460-60624-f-1-a@5 Acquired: 8/7/2013 12:50:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.385	3171.	-.4361	7.538	.0769	15500.
Stddev	2.709	16.	.1016	.094	.0434	16.
%RSD	28.87	.5038	23.31	1.248	56.47	.1001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0047	.1624	-.0241	1.121	.7879	2771.
Stddev	.0547	.1523	.2729	1.801	7.077	27.
%RSD	1166.	93.78	1132.	160.7	898.2	.9904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3140.	164.3	29310.	1.560	-.1194	2.418
Stddev	5.	.5	33.	.354	.8970	.874
%RSD	.1578	.2933	.1138	22.69	751.1	36.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.306	.2823	.6616	14.67	727.2	1.483
Stddev	1.177	1.745	.1331	.15	4.4	.217
%RSD	90.15	618.3	20.11	1.037	.6051	14.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60624-f-1-a@5 Acquired: 8/7/2013 12:50:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0512	81.38	2.637	3405.
Stddev	.4169	.26	.146	9.
%RSD	813.9	.3144	5.529	.2705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6420.1	71191.	17891.
Stddev	22.9	91.	18.
%RSD	.35599	.12790	.09926

Sample Name: 460-60624-f-1-c ms Acquired: 8/7/2013 12:53:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1991.	F 17740.	48.02	2055.	50.34	97660.
Stddev	9.	22.	1.44	2.	.22	255.
%RSD	.4358	.1236	2.996	.1197	.4431	.2607
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.12	499.7	201.6	248.4	1023.	33290.
Stddev	.15	.6	.6	.7	6.	63.
%RSD	.3072	.1136	.2974	.2725	.5995	.1906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35200.	1295.	160600.	512.2	504.5	466.0
Stddev	86.	2.	1138.	.8	.6	.9
%RSD	.2447	.1864	.7082	.1574	.1174	.2004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2026.	2086.	488.9	569.4	F 4118.	484.5
Stddev	4.	2.	.6	.5	13.	2.3
%RSD	.1886	.1027	.1148	.0909	.3211	.4650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60624-f-1-c ms Acquired: 8/7/2013 12:53:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	495.3	881.1	504.9	17510.
Stddev	.5	1.3	2.0	128.
%RSD	.0941	.1504	.4021	.7295
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6220.6	68349.	17901.
Stddev	23.1	339.	137.
%RSD	.37135	.49623	.76379

Sample Name: lcs 460-174565/2-a Acquired: 8/7/2013 12:57:04 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2003.	1959.	48.46	2062.	50.95	20470.
Stddev	17.	1.	.85	3.	.29	39.
%RSD	.8440	.0447	1.752	.1335	.5650	.1892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.47	510.3	205.6	251.1	1046.	19610.
Stddev	.09	.7	.9	1.4	8.	13.
%RSD	.1782	.1308	.4404	.5651	.8090	.0673
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20430.	522.7	20390.	522.9	524.2	437.9
Stddev	53.	.7	24.	.6	1.6	4.5
%RSD	.2583	.1307	.1168	.1157	.3123	1.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2051.	2210.	488.0	518.1	513.4	485.2
Stddev	5.	2.	.8	.7	1.0	1.0
%RSD	.2316	.0893	.1545	.1406	.1973	.2093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-174565/2-a Acquired: 8/7/2013 12:57:04 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	506.0	493.6	501.9	68.82
Stddev	1.3	1.1	1.7	28.20
%RSD	.2480	.2162	.3380	40.98
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6462.0	71411.	18191.
Stddev	30.7	411.	148.
%RSD	.47512	.57613	.81229

Sample Name: CCV Acquired: 8/7/2013 13:00:22 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2431.	1222.	9981.	981.7	123100.
Stddev	222.	4.	1.	3.	2.2	519.
%RSD	.1830	.1487	.0999	.0259	.2243	.4215
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1216.	2472.	4926.	12300.	98660.	49020.
Stddev	1.	2.	25.	15.	351.	105.
%RSD	.0803	.0658	.4989	.1208	.3562	.2150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122200.	4961.	125200.	2481.	7451.	995.5
Stddev	613.	27.	420.	2.	8.	4.1
%RSD	.5013	.5361	.3354	.0849	.1098	.4138
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2449.	2498.	2439.	2445.	971.4	2477.
Stddev	3.	3.	6.	3.	1.4	4.
%RSD	.1333	.1097	.2527	.1135	.1453	.1427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 13:00:22 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.8	5046.	9909.	9593.
Stddev	2.1	24.	11.	34.
%RSD	.2086	.4672	.1104	.3578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5985.7	66482.	17510.
Stddev	17.5	402.	108.
%RSD	.29299	.60401	.61862

Sample Name: CCB Acquired: 8/7/2013 13:03:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.01	1.255	-.1266	.1312	.2322	5.080
Stddev	21.63	2.092	.1053	.2187	.0114	2.383
%RSD	154.3	166.7	83.19	166.7	4.929	46.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0056	-.0914	.1561	1.552	5.801	13.25
Stddev	.0611	.0467	.4563	1.366	5.410	3.75
%RSD	1083.	51.05	292.3	87.99	93.26	28.30
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.060	.2370	-11.13	.1919	-.1699	1.074
Stddev	6.683	.2254	13.04	.3309	.2060	.518
%RSD	630.5	95.08	117.2	172.4	121.2	48.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.566	-1.076	.0629	.0777	5.788	6.154
Stddev	1.357	.682	.1779	.0395	1.106	1.302
%RSD	52.88	63.37	283.1	50.88	19.11	21.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 13:03:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4718	.2540	1.654	-6.906
Stddev	.2549	.2334	.786	8.485
%RSD	54.01	91.89	47.55	122.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6545.3	73181.	17986.
Stddev	8.2	365.	72.
%RSD	.12525	.49887	.40169

Sample Name: mb 460-174565/1-a Acquired: 8/7/2013 13:07:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5654	2.963	-.1516	.2283	.1904	3.891
Stddev	6.701	.636	.2636	.1838	.0134	1.142
%RSD	1185.	21.48	173.9	80.53	7.026	29.36
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1050	.1641	.2242	-.8927	-8.417	-19.40
Stddev	.1235	.0452	.2582	1.285	7.669	19.30
%RSD	117.5	27.52	115.2	143.9	91.12	99.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.611	.0829	-25.06	.2197	-.3074	1.000
Stddev	.846	.0162	8.23	.3035	.4350	1.012
%RSD	32.39	19.55	32.86	138.1	141.5	101.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.383	-.9507	-.0867	.2155	3.612	1.104
Stddev	1.161	1.786	.2473	.0898	.431	.435
%RSD	83.92	187.9	285.2	41.68	11.93	39.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174565/1-a Acquired: 8/7/2013 13:07:34 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0884	.0449	1.056	-16.04
Stddev	.4205	.1024	.472	5.47
%RSD	475.5	228.1	44.66	34.12
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6666.0	73891.	18140.
Stddev	26.5	540.	82.
%RSD	.39693	.73112	.44983

Sample Name: pds 460-60624-f-1-a Acquired: 8/7/2013 13:11:14 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1982.	F 17810.	49.06	2022.	49.48	97990.
Stddev	7.	27.	1.17	2.	.25	453.
%RSD	.3376	.1527	2.393	.1224	.5104	.4622
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.16	491.0	198.3	244.4	1013.	33140.
Stddev	.10	.2	.6	2.0	14.	52.
%RSD	.2126	.0381	.2848	.8071	1.342	.1577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35010.	1296.	160400.	504.1	496.2	440.9
Stddev	175.	4.	804.	1.4	.9	2.8
%RSD	.4996	.2897	.5011	.2842	.1734	.6393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1994.	2055.	481.9	561.0	F 4132.	476.3
Stddev	8.	5.	1.5	1.0	12.	1.3
%RSD	.4064	.2643	.3189	.1825	.2969	.2756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: pds 460-60624-f-1-a Acquired: 8/7/2013 13:11:14 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	486.7	877.6	497.2	17590.
Stddev	.9	1.4	.5	55.
%RSD	.1883	.1638	.1022	.3150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6209.5	68060.	17868.
Stddev	32.4	132.	83.
%RSD	.52144	.19454	.46330

Sample Name: 460-60620-d-1-a Acquired: 8/7/2013 13:14:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89.44	9.006	.1299	10.82	-.1699	F 376400.
Stddev	22.01	.564	.3881	.31	.0222	2320.
%RSD	24.61	6.267	298.7	2.903	13.05	.6164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1171	5.151	-1.636	6.580	641.7	79960.
Stddev	.1663	.135	.493	1.006	6.0	295.
%RSD	142.0	2.617	30.17	15.30	.9338	.3694
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	136600.	1459.	F 933400.	13.78	-.1720	2.918
Stddev	818.	5.	106700.	.80	1.835	1.449
%RSD	.5988	.3137	11.43	5.778	1067.	49.65
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.418	.1596	.9990	51.68	231.5	4.630
Stddev	2.625	.3117	.3210	.31	2.1	.944
%RSD	108.6	195.2	32.14	.6057	.8968	20.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60620-d-1-a Acquired: 8/7/2013 13:14:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.253	2315.	24.28	3236.
Stddev	.394	18.	.58	69.
%RSD	17.48	.7911	2.381	2.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5517.8	60618.	17426.
Stddev	18.1	56.	110.
%RSD	.32831	.09269	.62976

Sample Name: 460-60624-f-2-a Acquired: 8/7/2013 13:18:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35.24	F 15770.	-.2512	16.45	-.0721	78650.
Stddev	.70	8.	.2100	.16	.0583	206.
%RSD	1.985	.0506	83.59	.9724	80.79	.2623
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1975	2.350	-.1579	.9894	40.25	13750.
Stddev	.1342	.088	.4604	.7580	6.08	9.
%RSD	67.95	3.732	291.5	76.62	15.10	.0679
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15350.	835.8	139600.	7.228	-.6357	10.37
Stddev	41.	1.6	2681.	.249	.8826	1.00
%RSD	.2674	.1906	1.920	3.443	138.8	9.601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6171	.9417	1.990	75.39	F 3537.	8.427
Stddev	1.686	.4326	.103	.23	7.	.491
%RSD	273.2	45.94	5.168	.3079	.2005	5.832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60624-f-2-a Acquired: 8/7/2013 13:18:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1832	404.5	9.117	17370.
Stddev	.3354	.8	.415	37.
%RSD	183.1	.1912	4.552	.2104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6252.9	68704.	17856.
Stddev	15.3	391.	34.
%RSD	.24409	.56846	.19308

Sample Name: 460-60624-f-3-a Acquired: 8/7/2013 13:22:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	113.0	F 16360.	.0371	41.58	-.0667	78130.
Stddev	7.2	14.	.4739	.17	.0420	265.
%RSD	6.376	.0882	1277.	.4175	63.06	.3394
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2099	2.348	.3400	1.444	733.1	13860.
Stddev	.0674	.147	.5287	.564	8.3	16.
%RSD	32.13	6.264	155.5	39.08	1.132	.1164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15250.	883.3	144300.	7.426	-.0189	9.500
Stddev	55.	1.4	2316.	.093	.9337	1.239
%RSD	.3597	.1640	1.605	1.256	4934.	13.05
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.064	1.324	2.912	100.1	F 3752.	7.481
Stddev	.939	1.103	.309	.1	4.	.144
%RSD	45.51	83.28	10.60	.0777	.1126	1.924
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60624-f-3-a Acquired: 8/7/2013 13:22:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4889	375.9	11.59	17890.
Stddev	.1479	.7	.47	74.
%RSD	30.25	.1730	4.021	.4114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6238.5	68416.	17857.
Stddev	10.4	193.	47.
%RSD	.16670	.28169	.26133

Sample Name: 460-60619-d-2-a Acquired: 8/7/2013 13:26:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	45.61	8.699	2.521	124.2	-2.937	133100.
Stddev	5.95	1.889	.667	.2	.018	191.
%RSD	13.04	21.71	26.45	.1501	.6167	.1438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1492	.7432	3.277	3.844	4894.	4107.
Stddev	.0235	.0509	.109	.821	4.	12.
%RSD	15.74	6.849	3.325	21.37	.0756	.2917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47220.	F 12690.	48780.	2.939	1.179	1.456
Stddev	63.	38.	98.	.875	.788	.377
%RSD	.1338	.2985	.2003	29.78	66.81	25.89
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10000.				
Low Limit		-15.00				

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.537	2.227	1.493	4.568	354.7	2.113
Stddev	3.039	.938	.139	.147	2.0	.096
%RSD	119.8	42.09	9.306	3.218	.5777	4.562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60619-d-2-a Acquired: 8/7/2013 13:26:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1806	361.6	13.97	14590.
Stddev	.2630	1.0	.11	65.
%RSD	145.6	.2829	.8110	.4446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6237.5	69234.	17981.
Stddev	14.9	74.	124.
%RSD	.23883	.10755	.69146

Sample Name: 460-60619-d-3-a Acquired: 8/7/2013 13:29:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	76.09	14.38	.4361	95.44	-.4856	133100.
Stddev	6.29	.90	.7179	.20	.0666	214.
%RSD	8.271	6.256	164.6	.2082	13.71	.1606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1087	1.771	1.664	2.569	5490.	9708.
Stddev	.0591	.169	.298	.339	12.	20.
%RSD	54.33	9.526	17.88	13.19	.2126	.2097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17970.	2559.	62570.	4.554	4.300	-.2140
Stddev	27.	5.	106.	.281	.473	.6535
%RSD	.1497	.1855	.1686	6.181	10.99	305.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2950	.1673	1.861	26.46	244.8	.7506
Stddev	.9275	.6152	.358	.04	.6	.1212
%RSD	314.4	367.8	19.26	.1445	.2542	16.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60619-d-3-a Acquired: 8/7/2013 13:29:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2101	276.2	14.19	14510.
Stddev	.2511	.2	.80	63.
%RSD	119.5	.0571	5.628	.4310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6250.7	69059.	18013.
Stddev	8.5	410.	77.
%RSD	.13651	.59429	.42910

Sample Name: 460-60606-f-1-a Acquired: 8/7/2013 13:33:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10950.	7.157	.4240	227.1	.3391	164600.
Stddev	31.	.678	.2988	.6	.0282	529.
%RSD	.2787	9.473	70.48	.2636	8.329	.3216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9959	7.773	36.96	89.00	15210.	15590.
Stddev	.1961	.268	.16	1.05	22.	27.
%RSD	19.69	3.445	.4390	1.184	.1456	.1732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10180.	335.2	233700.	19.49	208.6	15.39
Stddev	10.	.3	5735.	.54	1.6	.93
%RSD	.1008	.0960	2.454	2.749	.7749	6.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.090	-.0889	33.81	393.4	141.2	9.812
Stddev	1.124	2.123	.20	.6	.3	.321
%RSD	103.1	2388.	.5821	.1426	.1870	3.266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60606-f-1-a Acquired: 8/7/2013 13:33:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	5.770	730.4	383.0	F 26510.
Stddev	.335	1.0	.3	119.
%RSD	5.806	.1390	.0877	.4485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6177.5	68256.	18106.
Stddev	27.3	280.	38.
%RSD	.44205	.41049	.21246

Sample Name: 460-60404-a-5-b Acquired: 8/7/2013 13:37:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.18	1.089	.0092	1.701	.2212	250.7
Stddev	7.22	2.169	.2017	.029	.0199	4.2
%RSD	39.70	199.1	2193.	1.734	8.986	1.665
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0031	-.1721	2.261	.8627	9.356	20.56
Stddev	.0425	.0347	.038	.7936	4.082	4.63
%RSD	1366.	20.14	1.698	91.99	43.63	22.52
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36.48	.4057	1849.	.7925	-.6925	1.012
Stddev	1.35	.0584	16.	.4876	.5604	1.213
%RSD	3.707	14.39	.8722	61.52	80.92	119.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.077	-1.051	.1108	2.794	14.71	.2706
Stddev	1.588	1.072	.1771	.050	.57	.1299
%RSD	147.3	102.0	159.9	1.787	3.897	48.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-5-b Acquired: 8/7/2013 13:37:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3716	1.589	1.519	148.4
Stddev	.1740	.023	.147	25.7
%RSD	46.84	1.449	9.670	17.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6478.0	72512.	17922.
Stddev	39.4	337.	72.
%RSD	.60772	.46449	.40164

Sample Name: lcs 460-174812/2-a Acquired: 8/7/2013 13:40:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4860.	4825.	467.0	9920.	974.9	19460.
Stddev	21.	5.	.8	7.	1.1	45.
%RSD	.4298	.1066	.1644	.0711	.1095	.2327
Check ?	None	Chk Pass	None	None	None	None
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	984.5	1001.	5045.	972.1	998.7	19140.
Stddev	.8	1.	10.	2.8	6.9	7.
%RSD	.0806	.0819	.2019	.2859	.6928	.0360
Check ?	None	None	Chk Pass	Chk Pass	None	None
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19420.	1011.	19870.	1015.	5139.	978.0
Stddev	59.	1.	10.	1.	8.	1.1
%RSD	.3026	.1420	.0512	.1044	.1542	.1117
Check ?	None	None	None	Chk Pass	Chk Pass	None
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	946.3	1045.	482.2	988.1	962.2	1003.
Stddev	5.3	3.	1.0	.7	1.3	3.
%RSD	.5589	.2964	.1995	.0664	.1371	.2796
Check ?	Chk Pass	None	None	Chk Pass	None	None
Value						
Range						

Sample Name: lcs 460-174812/2-a Acquired: 8/7/2013 13:40:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1068.	980.9	1007.	24.01
Stddev	1.	.4	2.	19.45
%RSD	.0470	.0367	.1868	81.02
Check ?	None	None	None	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6327.7	70685.	17825.
Stddev	16.1	129.	61.
%RSD	.25370	.18193	.33949

Sample Name: CCV Acquired: 8/7/2013 13:44:04 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121500.	2423.	1222.	9972.	982.5	123900.
Stddev	162.	3.	1.	5.	1.3	450.
%RSD	.1332	.1404	.1031	.0548	.1334	.3633
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1215.	2470.	4962.	12300.	99310.	49170.
Stddev	1.	2.	15.	18.	281.	47.
%RSD	.1200	.0903	.3045	.1453	.2834	.0953
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123200.	4978.	124700.	2479.	7453.	989.4
Stddev	507.	23.	473.	2.	6.	6.7
%RSD	.4119	.4542	.3792	.0725	.0788	.6721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2442.	2503.	2447.	2450.	964.5	2470.
Stddev	5.	5.	5.	4.	.3	3.
%RSD	.2215	.1963	.2126	.1682	.0304	.1336
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 13:44:04 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.3	4969.	9912.	9506.
Stddev	1.6	62.	19.	122.
%RSD	.1652	1.244	.1919	1.284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6003.7	66255.	17410.
Stddev	7.2	440.	111.
%RSD	.12013	.66391	.63564

Sample Name: CCB Acquired: 8/7/2013 13:47:42 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.471	1.195	.0727	.7552	.2342	4.589
Stddev	7.229	.877	.2069	.5257	.1143	6.030
%RSD	76.33	73.42	284.6	69.61	48.80	131.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0329	.0513	.7321	2.221	9.143	16.29
Stddev	.1636	.4041	.2456	.469	4.573	18.39
%RSD	497.1	788.2	33.55	21.09	50.02	112.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.018	.3692	20.23	.6738	-.2038	.9786
Stddev	6.659	.3024	12.40	.2482	.2871	1.745
%RSD	83.05	81.92	61.28	36.84	140.9	178.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.378	.2489	-.1748	.1957	3.919	5.413
Stddev	1.056	1.117	.1084	.0792	.650	1.200
%RSD	44.39	448.8	62.05	40.47	16.59	22.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 13:47:42 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6881	.4364	2.840	1.370
Stddev	.1777	.3098	.862	7.520
%RSD	25.83	70.99	30.35	549.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6556.5	73038.	17849.
Stddev	6.5	114.	57.
%RSD	.09877	.15557	.32093

Sample Name: mb 460-174812/1-a Acquired: 8/7/2013 13:51:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.05	1.504	-.5130	.2159	.2363	9.172
Stddev	9.59	1.303	.2673	.0647	.0957	6.171
%RSD	73.45	86.66	52.10	29.96	40.52	67.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0716	-.0404	.0952	.7093	-1.794	-3.892
Stddev	.0268	.1539	.3145	1.056	4.226	5.177
%RSD	37.39	381.4	330.3	148.8	235.6	133.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1401	.1115	-2.036	-.2643	-.1026	1.060
Stddev	3.264	.0314	2.887	.5064	.5264	.509
%RSD	2329.	28.12	141.8	191.6	513.0	48.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3120	-.6202	-.2076	.4327	4.158	.9893
Stddev	.6382	1.557	.2035	.1856	.224	.4844
%RSD	204.6	251.0	98.02	42.90	5.385	48.97
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174812/1-a Acquired: 8/7/2013 13:51:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1424	.1369	.7772	8.568
Stddev	.1771	.0289	.4113	.788
%RSD	124.3	21.12	52.93	9.192
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6540.5	72865.	17870.
Stddev	5.4	122.	127.
%RSD	.08301	.16706	.71027

Sample Name: lb 460-174452/1-g@5 Acquired: 8/7/2013 13:55:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.796	1.809	-.6637	-.1099	.1854	3.203
Stddev	10.49	1.462	.4247	.3449	.1046	1.426
%RSD	583.9	80.82	64.00	313.9	56.39	44.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0539	-.1108	.2289	.5707	-.4736	-18.82
Stddev	.0656	.0764	.1504	1.062	6.685	23.08
%RSD	121.6	68.93	65.72	186.1	1412.	122.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8470	.0394	-8.989	.0240	-.7210	-.3509
Stddev	3.531	.0176	9.221	.2623	.7107	.3720
%RSD	416.9	44.61	102.6	1094.	98.57	106.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3911	-.1458	-.3277	1.260	3.288	.5065
Stddev	.5791	.1947	.3225	.034	.375	.2600
%RSD	148.1	133.6	98.41	2.692	11.40	51.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-174452/1-g@5 Acquired: 8/7/2013 13:55:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3407	.0283	.6500	9.291
Stddev	.2237	.0929	.6680	7.009
%RSD	65.66	328.2	102.8	75.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6549.9	72727.	17846.
Stddev	11.0	156.	70.
%RSD	.16780	.21382	.39280

Sample Name: lb 460-174506/1-h@5 Acquired: 8/7/2013 13:58:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.615	.2821	-.0505	.2913	.1784	43.36
Stddev	7.653	.8901	.4300	.0386	.0205	8.47
%RSD	474.0	315.5	852.1	13.27	11.49	19.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0044	.2514	.8036	1.508	-.4093	20.98
Stddev	.0469	.1830	.2624	1.021	5.507	29.64
%RSD	1061.	72.79	32.65	67.72	1345.	141.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.253	.1896	F 264300.	1.446	-.6913	.5074
Stddev	2.452	.0380	1979.	.328	.1825	1.141
%RSD	29.71	20.04	.7488	22.71	26.40	224.9
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5824	-1.263	-.1653	2.238	3.731	.3368
Stddev	1.128	.606	.1416	.040	.328	.2751
%RSD	193.7	47.99	85.65	1.770	8.794	81.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-174506/1-h@5 Acquired: 8/7/2013 13:58:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9407	.0488	1.036	27.32
Stddev	.6875	.0144	1.005	5.54
%RSD	73.09	29.44	97.04	20.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6226.9	67632.	17670.
Stddev	12.6	145.	72.
%RSD	.20154	.21504	.40637

Sample Name: 460-60404-a-16-z du@ Acquired: 8/7/2013 14:02:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	428.6	.6106	-.2357	5.431	.1014	71490.
Stddev	8.7	.8668	.9147	.069	.0141	102.
%RSD	2.039	141.9	388.0	1.266	13.93	.1420
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1243	1.402	1611.	1.615	316.5	1788.
Stddev	.0545	.274	.	.947	8.7	26.
%RSD	43.86	19.55	.0194	58.62	2.751	1.479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27450.	2.711	F 259700.	5.029	1.047	27.56
Stddev	24.	.057	1585.	.768	.588	.36
%RSD	.0871	2.096	.6103	15.28	56.20	1.297
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8624	-1.720	17.30	4.082	6.303	.3899
Stddev	1.023	.958	.39	.069	.182	.0590
%RSD	118.6	55.72	2.242	1.682	2.890	15.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-z du@ Acquired: 8/7/2013 14:02:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8478	84.15	22.20	189.9
Stddev	.1072	.11	.43	21.2
%RSD	12.64	.1299	1.944	11.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6102.7	66617.	17561.
Stddev	2.6	99.	47.
%RSD	.04250	.14854	.26930

Sample Name: 460-60404-a-16-y@5 Acquired: 8/7/2013 14:06:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	426.9	1.319	-.1157	5.643	.1978	73310.
Stddev	1.5	1.204	.6580	.266	.0101	91.
%RSD	.3620	91.24	568.7	4.709	5.109	.1235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0243	1.652	1644.	.3374	333.2	1851.
Stddev	.1509	.088	3.	.7834	6.9	4.
%RSD	621.2	5.329	.1804	232.2	2.057	.2399
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28100.	2.812	F 262900.	5.161	.3301	26.94
Stddev	56.	.022	3013.	.739	.4734	1.00
%RSD	.1993	.7790	1.146	14.31	143.4	3.700
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.826	-1.719	18.32	5.325	6.226	.2102
Stddev	.664	1.528	.17	.112	.275	.2484
%RSD	36.36	88.89	.9462	2.109	4.420	118.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-y@5 Acquired: 8/7/2013 14:06:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6966	86.37	22.41	208.4
Stddev	.3632	.13	.08	9.3
%RSD	52.13	.1453	.3667	4.476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6083.7	66571.	17481.
Stddev	3.9	164.	51.
%RSD	.06365	.24704	.29421

Sample Name: sd 460-60404-a-16-y@ Acquired: 8/7/2013 14:10:05 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88.43	1.634	-.1149	1.112	.1350	14160.
Stddev	9.65	.455	.3770	.181	.0538	62.
%RSD	10.91	27.84	328.2	16.26	39.84	.4356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0537	.2933	328.2	.7751	62.17	348.2
Stddev	.0316	.0453	1.4	.4432	1.39	28.5
%RSD	58.96	15.43	.4117	57.18	2.233	8.198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5648.	.5640	54410.	.9381	.2527	5.472
Stddev	22.	.0378	63.	.3903	1.394	.316
%RSD	.3847	6.695	.1153	41.61	551.7	5.780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.937	.0633	3.590	1.419	2.223	.2226
Stddev	2.652	.5093	.265	.166	.170	.1773
%RSD	90.30	805.1	7.375	11.72	7.658	79.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60404-a-16-y@ Acquired: 8/7/2013 14:10:05 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4758	17.21	5.348	27.02
Stddev	.2831	.08	.857	13.33
%RSD	59.50	.4824	16.03	49.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6403.5	70713.	17913.
Stddev	7.6	272.	12.
%RSD	.11873	.38407	.06534

Sample Name: 460-60404-a-16-aa ms Acquired: 8/7/2013 14:13:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1389.	995.5	95.67	1988.	194.2	74010.
Stddev	8.	1.1	.82	4.	.1	155.
%RSD	.6059	.1148	.8595	.1834	.0712	.2098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	196.5	198.5	2580.	196.3	472.9	5681.
Stddev	.1	.4	6.	.5	5.6	35.
%RSD	.0276	.1937	.2278	.2307	1.179	.6110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30780.	203.1	F 257000.	202.4	1005.	221.4
Stddev	104.	.3	2066.	.5	.	2.1
%RSD	.3377	.1702	.8041	.2235	.0472	.9601
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	195.1	198.4	115.7	202.5	199.5	200.3
Stddev	.7	.9	.7	.2	.6	.9
%RSD	.3555	.4354	.6298	.1065	.2933	.4531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-aa ms Acquired: 8/7/2013 14:13:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	212.0	277.5	222.9	184.2
Stddev	.6	.3	.9	8.8
%RSD	.2958	.1004	.3898	4.758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6087.2	66972.	17808.
Stddev	10.6	128.	163.
%RSD	.17343	.19113	.91373

Sample Name: 460-60404-a-16-ab ms Acquired: 8/7/2013 14:17:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1435.	997.3	95.81	1993.	195.0	76520.
Stddev	8.	1.4	.68	1.	.4	94.
%RSD	.5883	.1379	.7048	.0571	.2061	.1229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	196.6	199.0	2637.	196.9	499.7	5778.
Stddev	.3	.3	5.	1.5	5.5	28.
%RSD	.1368	.1645	.1708	.7797	1.103	.4813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31640.	203.8	F 263400.	203.4	1003.	224.3
Stddev	59.	.2	1318.	.2	4.	1.0
%RSD	.1873	.1119	.5002	.0769	.3705	.4633
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	198.6	198.0	116.6	203.1	199.9	201.6
Stddev	.8	1.5	.5	.5	.3	.1
%RSD	.4122	.7558	.3887	.2645	.1676	.0390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-ab ms Acquired: 8/7/2013 14:17:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	209.4	281.4	224.6	195.6
Stddev	.8	.6	.7	8.7
%RSD	.4026	.2048	.2947	4.428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6089.5	67018.	17767.
Stddev	6.0	121.	37.
%RSD	.09818	.18072	.20760

Sample Name: pds 460-60404-a-16-y Acquired: 8/7/2013 14:20:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2359.	1921.	47.15	1990.	49.31	91620.
Stddev	4.	5.	2.08	2.	.12	97.
%RSD	.1870	.2860	4.420	.0899	.2471	.1054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.67	487.0	1824.	244.8	1309.	21250.
Stddev	.11	.3	1.	.8	5.	27.
%RSD	.2234	.0578	.0487	.3066	.3444	.1271
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46750.	502.1	F 276000.	496.8	488.8	470.4
Stddev	35.	.6	5459.	1.2	.5	3.4
%RSD	.0745	.1131	1.977	.2469	.1019	.7181
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1963.	1994.	497.2	498.9	485.0	478.6
Stddev	4.	3.	.7	.3	.4	1.2
%RSD	.2284	.1463	.1328	.0521	.0916	.2460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60404-a-16-y Acquired: 8/7/2013 14:20:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	482.4	565.9	511.3	281.5
Stddev	.8	.4	1.3	29.2
%RSD	.1584	.0713	.2604	10.39
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6049.9	66493.	17705.
Stddev	7.1	47.	111.
%RSD	.11669	.07104	.62868

Sample Name: 460-60566-a-5-f@5 Acquired: 8/7/2013 14:24:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.37	2.370	-.1571	8.520	.1803	6065.
Stddev	4.12	1.012	.5029	.191	.0185	13.
%RSD	33.27	42.70	320.2	2.245	10.29	.2104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1024	.0838	.3737	.2386	325.3	624.8
Stddev	.0569	.0081	.1378	2.683	6.8	16.1
%RSD	55.57	9.620	36.87	1124.	2.103	2.574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	705.6	65.41	4362.	1.717	.1565	.7510
Stddev	1.4	.12	25.	.373	.4798	.6960
%RSD	.2049	.1904	.5732	21.71	306.5	92.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.709	.3177	.2809	424.4	7.733	1.710
Stddev	1.505	.2990	.2338	2.2	.272	.303
%RSD	88.06	94.12	83.25	.5130	3.519	17.69
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60566-a-5-f@5 Acquired: 8/7/2013 14:24:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2575	38.97	2.277	704.7
Stddev	.4415	.18	.447	9.0
%RSD	171.5	.4701	19.63	1.280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6556.7	72937.	18189.
Stddev	5.8	73.	76.
%RSD	.08912	.10027	.41917

Sample Name: CCV Acquired: 8/7/2013 14:27:46 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	2427.	1220.	9966.	980.7	123500.
Stddev	123.	9.	1.	17.	1.2	395.
%RSD	.1011	.3618	.1140	.1680	.1263	.3202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1214.	2468.	4937.	12290.	98850.	49170.
Stddev	3.	3.	5.	12.	124.	111.
%RSD	.2471	.1370	.0984	.0991	.1252	.2258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122800.	4959.	123900.	2476.	7442.	988.2
Stddev	300.	31.	644.	4.	11.	.6
%RSD	.2444	.6296	.5200	.1692	.1460	.0636
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2449.	2503.	2443.	2448.	960.6	2470.
Stddev	4.	5.	7.	5.	3.5	4.
%RSD	.1665	.2145	.3045	.2245	.3607	.1734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 14:27:46 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.1	4998.	9890.	9508.
Stddev	1.7	89.	13.	74.
%RSD	.1673	1.779	.1345	.7823
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6035.1	66897.	17536.
Stddev	9.3	122.	42.
%RSD	.15355	.18182	.24190

Sample Name: CCB Acquired: 8/7/2013 14:31:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.057	1.573	.0988	.5658	.2509	6.097
Stddev	12.40	1.087	.6265	.2665	.1074	2.231
%RSD	136.9	69.14	634.5	47.10	42.80	36.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0433	.1318	.8584	1.626	8.415	1.726
Stddev	.1244	.3402	.2821	1.543	6.348	17.32
%RSD	287.5	258.1	32.86	94.89	75.43	1003.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.549	.3674	21.23	.3965	-.1857	1.601
Stddev	7.188	.2185	18.94	.6687	1.114	1.016
%RSD	158.0	59.48	89.22	168.6	599.9	63.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.472	-.2142	.0711	.3264	2.612	4.905
Stddev	.876	.6057	.2533	.1756	.426	1.305
%RSD	59.51	282.8	356.3	53.80	16.31	26.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 14:31:21 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6418	.3578	3.103	-5.934
Stddev	.1336	.2119	.918	14.81
%RSD	20.81	59.23	29.58	249.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6571.9	73212.	17917.
Stddev	18.4	202.	41.
%RSD	.28008	.27539	.23007

Sample Name: lb 460-174145/1-e@5 Acquired: 8/7/2013 14:35:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.751	1.089	-.5591	1.038	.2107	60.02
Stddev	11.43	1.072	.0482	.239	.0154	.89
%RSD	147.5	98.50	8.630	23.03	7.324	1.483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0128	-.0840	.5530	3.456	6.379	16.05
Stddev	.0592	.0605	.4192	1.780	6.165	21.85
%RSD	463.2	72.05	75.80	51.49	96.65	136.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.243	.1765	223.7	.1620	8.936	1.681
Stddev	3.946	.0802	2.4	.2847	.599	.674
%RSD	47.87	45.46	1.062	175.7	6.704	40.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.715	-1.662	-.3325	3.808	5.327	.6906
Stddev	1.243	.817	.1283	.195	.377	.1187
%RSD	72.46	49.16	38.59	5.115	7.084	17.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-174145/1-e@5 Acquired: 8/7/2013 14:35:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8071	.2273	1.037	10.54
Stddev	.4388	.0405	.957	9.50
%RSD	54.37	17.81	92.29	90.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6583.7	73548.	18135.
Stddev	3.0	224.	31.
%RSD	.04561	.30435	.17249

Sample Name: 460-60492-a-1-g@5 Acquired: 8/7/2013 14:38:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	870.2	1.684	-.0786	71.81	.0296	183500.
Stddev	5.3	.864	.4673	.15	.0373	741.
%RSD	.6057	51.31	594.6	.2058	126.3	.4039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0855	.2420	1.155	36.60	725.7	2547.
Stddev	.0579	.3195	.473	.86	7.4	27.
%RSD	67.74	132.0	40.99	2.362	1.019	1.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7285.	833.7	F 267100.	11.90	17.11	.7265
Stddev	54.	2.6	5532.	.68	.14	1.343
%RSD	.7450	.3165	2.071	5.682	.7954	184.9
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.738	-1.333	3.365	221.6	63.14	1.674
Stddev	1.254	.442	.183	.5	.58	.217
%RSD	45.79	33.18	5.447	.2390	.9228	12.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60492-a-1-g@5 Acquired: 8/7/2013 14:38:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.883	329.5	70.34	12200.
Stddev	1.117	.5	.77	74.
%RSD	59.34	.1470	1.099	.6101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6099.6	66863.	17614.
Stddev	11.3	325.	94.
%RSD	.18467	.48586	.53172

Sample Name: 460-60646-a-9-d@5 Acquired: 8/7/2013 14:42:34 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2067.	5.541	-.5486	93.31	.2587	6230.
Stddev	10.	.678	.0990	.17	.0681	5.
%RSD	.4925	12.23	18.05	.1822	26.33	.0867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0706	4.554	19.08	80.01	5469.	787.4
Stddev	.1013	.122	.17	1.24	5.	19.9
%RSD	143.4	2.681	.8729	1.554	.0994	2.525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1457.	75.41	234200.	10.86	24.24	.8212
Stddev	5.	.11	136.	.39	.83	1.458
%RSD	.3645	.1454	.0579	3.621	3.425	177.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.094	-1.072	5.864	181.3	14.53	.3299
Stddev	1.283	.545	.285	.6	.13	.2749
%RSD	117.3	50.82	4.860	.3235	.8710	83.34
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60646-a-9-d@5 Acquired: 8/7/2013 14:42:34 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.084	19.18	30.06	2480.
Stddev	.179	.06	1.05	28.
%RSD	16.52	.3113	3.481	1.136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6298.6	68633.	17855.
Stddev	9.6	79.	122.
%RSD	.15199	.11460	.68438

Sample Name: 460-60549-a-1-m@5 Acquired: 8/7/2013 14:46:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.19	1.711	.4152	81.27	.2255	13560.
Stddev	3.00	.758	.3735	.08	.0431	34.
%RSD	7.098	44.34	89.96	.0987	19.10	.2473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3139	.0809	2.562	886.4	22.50	709.5
Stddev	.0990	.1330	.592	2.6	3.74	23.6
%RSD	31.52	164.4	23.11	.2944	16.63	3.330
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1473.	30.62	F 252700.	13.06	113.2	-.0938
Stddev	7.	.08	4336.	.68	1.1	1.510
%RSD	.4746	.2534	1.716	5.181	.9751	1610.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8965	-.6540	.2925	1269.	11.75	.2489
Stddev	2.148	1.461	.2697	2.	.01	.1611
%RSD	239.7	223.3	92.20	.1416	.0779	64.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60549-a-1-m@5 Acquired: 8/7/2013 14:46:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.468	48.31	3.428	458.8
Stddev	.293	.07	.425	10.9
%RSD	4.536	.1538	12.40	2.366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6230.5	67829.	17738.
Stddev	3.4	83.	63.
%RSD	.05418	.12268	.35723

Sample Name: 460-60549-a-3-j@5 Acquired: 8/7/2013 14:50:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	106.6	1.922	.1428	103.9	.1466	29520.
Stddev	8.2	1.697	.3731	.4	.0364	74.
%RSD	7.736	88.28	261.3	.3642	24.84	.2493
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4536	.4354	1.288	375.8	70.91	708.4
Stddev	.0532	.2056	.380	1.1	3.39	7.3
%RSD	11.73	47.24	29.48	.2959	4.783	1.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2522.	132.5	F 253800.	9.257	97.32	-.4559
Stddev	4.	.2	5346.	.279	1.12	.8605
%RSD	.1506	.1448	2.106	3.018	1.152	188.8
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.087	-2.119	.1362	683.9	10.37	.4239
Stddev	.791	.924	.1927	1.4	.35	.1148
%RSD	37.89	43.63	141.5	.2048	3.338	27.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60549-a-3-j@5 Acquired: 8/7/2013 14:50:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.286	128.0	7.830	825.3
Stddev	.348	.3	.354	10.1
%RSD	27.09	.2087	4.525	1.224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6215.2	67648.	17668.
Stddev	16.3	151.	82.
%RSD	.26237	.22311	.46416

Sample Name: 460-60565-a-13-g@5 Acquired: 8/7/2013 14:53:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.72	-.1825	.1842	257.0	.0358	55140.
Stddev	1.94	1.587	.6047	.3	.0383	86.
%RSD	4.755	869.2	328.2	.1020	106.9	.1564
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.865	8.801	.5396	117.3	188.1	1683.
Stddev	.089	.120	.1381	.3	5.0	12.
%RSD	1.511	1.364	25.59	.2256	2.669	.7311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5252.	954.6	F 259900.	30.98	245.1	1.447
Stddev	14.	.9	860.	.17	.9	1.132
%RSD	.2736	.0928	.3310	.5560	.3530	78.24
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.020	-.2158	-.0695	1409.	66.01	.1237
Stddev	1.313	.4552	.0801	3.	.14	.3323
%RSD	128.8	210.9	115.3	.2070	.2081	268.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60565-a-13-g@5 Acquired: 8/7/2013 14:53:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.092	211.2	7.997	1250.
Stddev	.267	.2	.268	21.
%RSD	24.42	.1106	3.354	1.660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6167.9	67389.	17781.
Stddev	7.9	192.	62.
%RSD	.12755	.28551	.34623

Sample Name: 460-60565-a-14-f@5 Acquired: 8/7/2013 14:57:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	64.98	-1.168	-.1776	198.6	-.0846	62980.
Stddev	11.40	1.482	.0909	.5	.0526	328.
%RSD	17.54	126.9	51.17	.2375	62.19	.5213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.467	11.57	.2928	66.58	233.5	1221.
Stddev	.111	.08	.3540	1.47	3.8	7.
%RSD	1.715	.6633	120.9	2.203	1.612	.5510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3489.	1006.	F 267600.	33.08	128.6	-.6468
Stddev	17.	3.	4152.	.51	.6	1.083
%RSD	.4920	.3332	1.552	1.530	.4487	167.4
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7601	-.6901	-.0496	2113.	47.51	.0200
Stddev	.7781	1.068	.1206	4.	.24	.1796
%RSD	102.4	154.7	243.3	.1996	.5143	898.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60565-a-14-f@5 Acquired: 8/7/2013 14:57:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8943	212.3	8.854	1329.
Stddev	.3342	.5	1.160	17.
%RSD	37.37	.2586	13.10	1.271
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6152.5	67349.	17860.
Stddev	8.6	354.	69.
%RSD	.14001	.52627	.38654

Sample Name: 460-60565-a-15-e@5 Acquired: 8/7/2013 15:01:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.98	1.831	-.2251	211.7	-.1354	62680.
Stddev	2.02	1.163	.4000	.1	.0373	96.
%RSD	9.173	63.53	177.7	.0535	27.56	.1530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.515	15.20	-.0634	597.5	378.1	1438.
Stddev	.024	.05	.1445	2.5	4.3	22.
%RSD	.2541	.3295	227.8	.4151	1.129	1.551
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3654.	1071.	F 264700.	46.15	83.77	-4.897
Stddev	5.	1.	3069.	.18	.45	.802
%RSD	.1397	.1242	1.159	.3921	.5327	16.38
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4159	-1.659	-.3382	F 11690.	46.20	.4498
Stddev	2.325	.913	.1051	6.	.35	.0709
%RSD	558.9	55.02	31.08	.0496	.7635	15.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-60565-a-15-e@5 Acquired: 8/7/2013 15:01:12 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6188	211.6	6.803	1049.
Stddev	.0549	.3	.319	2.
%RSD	8.870	.1202	4.687	.1612
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6161.3	67451.	17822.
Stddev	.6	151.	6.
%RSD	.00968	.22454	.03213

Sample Name: 460-60566-a-6-f@5 Acquired: 8/7/2013 15:04:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	227.8	.8767	.3529	18.70	.2426	27150.
Stddev	17.8	.6927	.2977	.15	.0746	31.
%RSD	7.828	79.01	84.37	.8270	30.73	.1147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0111	-.3507	5.500	67.27	62.22	16500.
Stddev	.0720	.1336	.116	.98	2.89	1115.
%RSD	645.5	38.10	2.105	1.453	4.638	6.761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4351.	43.37	F 895600.	2.321	1.943	.6840
Stddev	14.	.13	90860.	.322	.292	1.285
%RSD	.3275	.2915	10.15	13.87	15.03	187.9
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.739	-.6807	1.504	220.4	21.45	.7208
Stddev	3.061	2.490	.233	.5	.29	.2421
%RSD	176.0	365.8	15.49	.2120	1.355	33.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60566-a-6-f@5 Acquired: 8/7/2013 15:04:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.8896	1214.	6.068	2014.
Stddev	.5343	2.	.674	13.
%RSD	60.05	.1517	11.10	.6491
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	4330.3	44189.	15227.
Stddev	14.4	109.	128.
%RSD	.33281	.24702	.84192

Sample Name: 460-60460-a-1-b@5 Acquired: 8/7/2013 15:08:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.19	-1.074	.0201	2750.	.1745	1154.
Stddev	6.18	1.855	.4312	2.	.0525	8.
%RSD	29.15	172.7	2146.	.0617	30.07	.7164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3821	-1.376	3.331	24.89	-29.07	1272.
Stddev	.0564	.232	.410	.23	4.74	36.
%RSD	14.75	16.89	12.31	.9126	16.29	2.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	183.3	31.44	235700.	3.478	F 86590.	2.970
Stddev	2.7	.07	19350.	.460	95.	1.156
%RSD	1.499	.2123	8.212	13.23	.1102	38.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.148	-.5634	-.1180	F 11910.	F 3258.	-.0516
Stddev	1.376	.6288	.0539	27.	1.	.1903
%RSD	119.8	111.6	45.66	.2260	.0399	368.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit				5000.	2000.	
Low Limit				-50.00	-50.00	

Sample Name: 460-60460-a-1-b@5 Acquired: 8/7/2013 15:08:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3801	542.1	1.530	1361.
Stddev	.5341	.7	.552	15.
%RSD	140.5	.1333	36.11	1.137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6248.1	68494.	18211.
Stddev	12.4	128.	33.
%RSD	.19772	.18652	.17856

Sample Name: CCV Acquired: 8/7/2013 15:12:23 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121200.	2418.	1219.	9966.	979.5	122400.
Stddev	290.	3.	1.	5.	3.1	214.
%RSD	.2395	.1048	.0532	.0452	.3205	.1744
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1208.	2465.	4912.	12310.	98330.	49180.
Stddev	1.	3.	3.	24.	44.	217.
%RSD	.0960	.1048	.0574	.1934	.0444	.4410
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121700.	4935.	119200.	2470.	7420.	995.5
Stddev	304.	6.	1153.	3.	3.	2.7
%RSD	.2502	.1255	.9675	.1180	.0382	.2672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2446.	2501.	2435.	2422.	968.3	2469.
Stddev	3.	8.	2.	3.	.8	4.
%RSD	.1246	.3244	.0975	.1169	.0864	.1670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 15:12:23 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	995.2	5019.	9898.	9617.
Stddev	2.2	9.	17.	62.
%RSD	.2235	.1809	.1741	.6476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6052.7	67367.	17876.
Stddev	17.8	219.	71.
%RSD	.29428	.32511	.39704

Sample Name: CCB Acquired: 8/7/2013 15:15:55 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.867	.3979	-.4067	.2749	.2040	-4.289
Stddev	5.084	.6753	.3811	.2348	.0303	5.461
%RSD	131.5	169.7	93.71	85.38	14.83	127.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0104	.0187	.4156	.3849	3.043	-17.59
Stddev	.0895	.2475	.2469	.9805	.842	26.21
%RSD	859.0	1323.	59.40	254.7	27.67	149.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.877	.2132	194.2	-.1243	.1457	1.558
Stddev	1.465	.0770	29.2	.9540	1.053	.717
%RSD	78.03	36.10	15.05	767.3	722.6	45.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5671	.7587	.1313	.4496	3.735	4.733
Stddev	1.265	.2950	.1760	.0860	.462	1.247
%RSD	223.0	38.88	134.0	19.13	12.38	26.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 15:15:55 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4612	.1379	2.831	-4.294
Stddev	.1350	.1937	1.195	4.454
%RSD	29.27	140.5	42.22	103.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6631.4	74335.	18407.
Stddev	18.5	225.	63.
%RSD	.27870	.30218	.34162

Sample Name: 460-60485-a-1-h@5 Acquired: 8/7/2013 15:19:35 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	234.3	3.106	.1758	33.08	-.3449	29740.
Stddev	7.3	1.919	.4939	.17	.0388	186.
%RSD	3.096	61.77	281.0	.5032	11.25	.6269
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1698	3.580	2.205	44.90	238.5	13110.
Stddev	.0841	.167	.299	2.34	3.4	25.
%RSD	49.56	4.659	13.56	5.215	1.427	.1898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8031.	1927.	248600.	12.25	7.465	.9219
Stddev	56.	9.	3003.	.20	.958	.3091
%RSD	.6976	.4820	1.208	1.597	12.84	33.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.095	-1.797	2.513	280.2	45.19	3.940
Stddev	1.278	1.623	.045	1.3	.17	.219
%RSD	61.02	90.32	1.799	.4533	.3668	5.545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60485-a-1-h@5 Acquired: 8/7/2013 15:19:35 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.688	138.9	5.444	1196.
Stddev	.173	.2	.201	31.
%RSD	10.28	.1522	3.690	2.565
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6174.8	68054.	18076.
Stddev	18.5	482.	251.
%RSD	.29964	.70805	1.3879

Sample Name: 460-60404-a-4-f@5 Acquired: 8/7/2013 15:23:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.00	1.986	-.2174	103.6	.0931	81760.
Stddev	9.03	1.526	.2091	.3	.0516	185.
%RSD	34.72	76.86	96.20	.2935	55.37	.2257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0818	12.94	10.51	2.137	10.49	1798.
Stddev	.0356	.18	.29	1.902	7.00	21.
%RSD	43.47	1.399	2.802	89.00	66.67	1.155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31690.	333.9	F 279900.	68.30	1.291	1.723
Stddev	80.	1.1	4758.	.28	1.473	1.613
%RSD	.2539	.3339	1.700	.4079	114.1	93.62
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.241	-.5600	2.249	52.91	18.84	1.524
Stddev	1.114	1.360	.199	.13	.27	.251
%RSD	49.72	242.9	8.847	.2482	1.453	16.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-4-f@5 Acquired: 8/7/2013 15:23:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6141	146.9	9.878	1172.
Stddev	.5024	1.3	.649	16.
%RSD	81.81	.8902	6.571	1.344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6100.0	66600.	17520.
Stddev	5.8	52.	158.
%RSD	.09435	.07822	.90401

Sample Name: 460-60478-a-17-f@5 Acquired: 8/7/2013 15:27:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	291.9	2.003	.0696	97.60	.1666	F 263500.
Stddev	7.7	2.118	.3979	.48	.0885	702.
%RSD	2.638	105.7	571.8	.4898	53.15	.2663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0391	3.339	2511.	20.13	410.9	1383.
Stddev	.0848	.179	1.	1.50	1.3	27.
%RSD	216.9	5.377	.0289	7.452	.3158	1.934
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	363.5	7.587	F 313000.	15.35	8.081	37.83
Stddev	1.8	.032	3976.	.34	1.160	1.29
%RSD	.4839	.4188	1.270	2.225	14.35	3.403
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.339	-1.011	3.821	14.07	4.412	1.134
Stddev	1.309	1.614	.359	.01	.109	.271
%RSD	39.21	159.7	9.409	.0547	2.474	23.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60478-a-17-f@5 Acquired: 8/7/2013 15:27:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.570	117.7	28.07	431.6
Stddev	.476	.1	.51	13.2
%RSD	30.33	.1029	1.809	3.066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5958.1	65452.	17534.
Stddev	15.1	87.	24.
%RSD	.25312	.13217	.13610

Sample Name: 460-60406-a-6-f@5 Acquired: 8/7/2013 15:30:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	553.0	1.757	-.2575	165.8	.1194	17260.
Stddev	5.8	1.377	.5452	.5	.0349	28.
%RSD	1.049	78.33	211.7	.3285	29.27	.1622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4989	4.284	379.2	4.672	634.0	1731.
Stddev	.0631	.109	.6	.697	4.2	12.
%RSD	12.65	2.536	.1485	14.92	.6670	.6771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2003.	212.7	242600.	15.85	56.58	6.691
Stddev	6.	.2	876.	.64	1.08	.668
%RSD	.2809	.1155	.3611	4.054	1.901	9.988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3731	-.1614	2.863	199.5	9.692	.1410
Stddev	1.312	1.677	.465	.2	.163	.1675
%RSD	351.6	1039.	16.25	.0780	1.686	118.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60406-a-6-f@5 Acquired: 8/7/2013 15:30:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.141	64.34	20.60	3868.
Stddev	.421	.07	1.58	18.
%RSD	36.90	.1121	7.660	.4665
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6262.6	68038.	17682.
Stddev	11.0	215.	80.
%RSD	.17581	.31585	.45416

Sample Name: 460-60406-a-10-f@5 Acquired: 8/7/2013 15:34:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	186.0	1.894	-.0467	334.1	-.1192	61170.
Stddev	4.9	2.001	.6204	.6	.0304	94.
%RSD	2.620	105.7	1330.	.1851	25.54	.1542
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.083	29.52	58.55	3.558	381.9	920.2
Stddev	.029	.06	.41	1.909	2.0	35.0
%RSD	2.647	.2079	.7012	53.67	.5235	3.799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15150.	885.9	F 253700.	125.4	25.63	1.905
Stddev	20.	.6	2770.	.1	.76	2.168
%RSD	.1315	.0658	1.092	.0828	2.957	113.8
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.863	-1.272	1.958	245.1	21.88	.2824
Stddev	.760	.491	.025	.2	.30	.1850
%RSD	40.77	38.61	1.271	.0931	1.394	65.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60406-a-10-f@5 Acquired: 8/7/2013 15:34:41 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.410	113.5	16.77	2022.
Stddev	.080	.2	.93	13.
%RSD	5.669	.1539	5.564	.6213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6161.5	66889.	17525.
Stddev	10.4	187.	61.
%RSD	.16806	.27927	.34996

Sample Name: 460-60406-a-16-f@5 Acquired: 8/7/2013 15:38:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	131.7	.1879	-.7807	21.10	.1817	16440.
Stddev	4.4	.9949	.3645	.24	.0871	62.
%RSD	3.314	529.5	46.70	1.129	47.95	.3786
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0608	25.86	91.58	2.232	180.4	1711.
Stddev	.0148	.32	.34	1.235	3.1	18.
%RSD	24.34	1.245	.3717	55.31	1.743	1.070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10530.	87.19	F 266500.	108.4	2.713	2.430
Stddev	21.	.11	874.	1.0	.795	.068
%RSD	.2004	.1295	.3281	.9581	29.32	2.778
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4335	-1.498	3.027	157.9	40.82	.1378
Stddev	1.991	1.218	.097	.5	.25	.2591
%RSD	459.4	81.30	3.189	.2904	.6160	188.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60406-a-16-f@5 Acquired: 8/7/2013 15:38:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5081	59.97	5.978	3689.
Stddev	.1167	.12	1.044	9.
%RSD	22.96	.2005	17.47	.2504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6223.6	67627.	17809.
Stddev	12.4	87.	47.
%RSD	.20002	.12828	.26522

Sample Name: 460-60406-a-17-f@5 Acquired: 8/7/2013 15:42:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	88.88	2.517	.4865	22.19	.1785	3396.
Stddev	3.83	.366	.1253	.27	.0359	6.
%RSD	4.304	14.54	25.77	1.220	20.13	.1789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1599	6.518	125.3	2055.	939.3	2049.
Stddev	.0374	.252	.5	3.	13.6	8.
%RSD	23.38	3.858	.3808	.1412	1.450	.3808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2171.	51.23	F 273200.	34.79	94.59	2.472
Stddev	2.	.17	3679.	.35	.66	.531
%RSD	.0727	.3256	1.347	.9997	.6961	21.50
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4343	-.7694	.4243	788.8	91.92	.1017
Stddev	1.116	1.157	.2704	2.0	.65	.0706
%RSD	256.9	150.3	63.74	.2550	.7109	69.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60406-a-17-f@5 Acquired: 8/7/2013 15:42:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	21.14	44.00	5.411	3151.
Stddev	.40	.12	.446	28.
%RSD	1.894	.2771	8.249	.8774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6236.6	67538.	17662.
Stddev	9.9	208.	126.
%RSD	.15903	.30725	.71168

Sample Name: 460-60406-a-23-f@5 Acquired: 8/7/2013 15:45:51 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	295.7	.6639	-.4180	5.283	.1427	96340.
Stddev	9.3	1.816	.3200	.166	.0274	432.
%RSD	3.156	273.5	76.54	3.132	19.22	.4486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0159	2.936	493.6	.4665	914.1	1239.
Stddev	.0854	.277	.7	.3957	5.6	18.
%RSD	536.2	9.437	.1496	84.82	.6077	1.489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19880.	4.501	F 281800.	12.80	2.048	7.458
Stddev	60.	.071	6735.	.57	.523	1.303
%RSD	.3040	1.584	2.390	4.461	25.55	17.47
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0653	-1.455	37.76	8.642	10.19	.2069
Stddev	1.449	1.351	.20	.110	.29	.0610
%RSD	2221.	92.83	.5345	1.273	2.805	29.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60406-a-23-f@5 Acquired: 8/7/2013 15:45:51 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.139	83.62	42.40	1719.
Stddev	.365	.15	.30	8.
%RSD	32.04	.1761	.6961	.4751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6105.0	66564.	17620.
Stddev	14.1	120.	128.
%RSD	.23041	.18091	.72668

Sample Name: 460-60624-f-1-b du@1 Acquired: 8/7/2013 15:49:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.542	1526.	-.5040	3.629	.1284	7474.
Stddev	2.691	3.	.4305	.123	.0407	14.
%RSD	174.6	.1789	85.41	3.388	31.71	.1892
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0130	.1654	.0531	.6606	-.2881	1351.
Stddev	.0982	.3205	.4185	.9786	2.277	2.
%RSD	754.0	193.7	787.9	148.1	790.3	.1661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1544.	80.94	14210.	.6155	-.0333	2.692
Stddev	.	.05	28.	.2744	.4707	.936
%RSD	.0007	.0588	.1940	44.58	1413.	34.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2969	-.2434	.1461	6.700	342.1	.7051
Stddev	.9265	.6448	.3601	.055	.6	.2464
%RSD	312.1	264.9	246.4	.8244	.1754	34.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60624-f-1-b du@1 Acquired: 8/7/2013 15:49:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3060	40.02	2.017	1609.
Stddev	.3220	.10	.512	9.
%RSD	105.2	.2615	25.40	.5726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6508.8	72067.	17836.
Stddev	10.4	71.	33.
%RSD	.15951	.09851	.18404

Sample Name: 460-60624-f-1-a@10 Acquired: 8/7/2013 15:53:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.710	1542.	-.0942	3.540	.1601	7564.
Stddev	8.060	7.	.3458	.116	.0471	17.
%RSD	471.3	.4856	367.2	3.266	29.42	.2270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0297	.0575	.3818	-.0745	1.278	1363.
Stddev	.0300	.3175	.0927	.0354	4.442	19.
%RSD	101.0	552.2	24.28	47.57	347.6	1.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1564.	82.10	14380.	.9656	.1196	1.687
Stddev	7.	.16	46.	.3649	1.147	2.624
%RSD	.4639	.1991	.3180	37.80	959.3	155.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6681	-.4175	-.1996	7.313	347.0	.6346
Stddev	.4263	.4861	.1333	.105	1.5	.0868
%RSD	63.81	116.4	66.76	1.439	.4465	13.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60624-f-1-a@10 Acquired: 8/7/2013 15:53:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0835	40.40	1.682	1630.
Stddev	.4014	.15	.071	13.
%RSD	480.5	.3783	4.222	.7998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6534.9	72254.	17881.
Stddev	24.7	196.	139.
%RSD	.37761	.27098	.77786

Sample Name: CCV Acquired: 8/7/2013 15:56:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121400.	2407.	1219.	9950.	981.1	123900.
Stddev	138.	10.	2.	25.	1.0	280.
%RSD	.1136	.4187	.1272	.2473	.0987	.2259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1212.	2465.	4979.	12310.	99610.	49330.
Stddev	3.	7.	8.	19.	170.	23.
%RSD	.2865	.2848	.1589	.1503	.1705	.0476
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123600.	4995.	123800.	2471.	7442.	983.5
Stddev	283.	12.	728.	5.	19.	1.4
%RSD	.2292	.2404	.5880	.2137	.2574	.1463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2438.	2501.	2442.	2447.	958.0	2459.
Stddev	10.	3.	4.	6.	2.5	8.
%RSD	.4032	.1222	.1703	.2515	.2580	.3287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 15:56:48 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.9	5035.	9894.	9427.
Stddev	2.0	89.	12.	45.
%RSD	.1983	1.767	.1252	.4789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6041.8	66354.	17424.
Stddev	27.9	310.	111.
%RSD	.46117	.46748	.63836

Sample Name: CCB Acquired: 8/7/2013 16:00:20 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.621	1.337	-.0339	.3513	.2047	-5.553
Stddev	8.452	.711	.4064	.2194	.0293	2.024
%RSD	127.6	53.18	1198.	62.47	14.32	36.44
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0865	.0036	.4506	-.1100	5.216	-2.296
Stddev	.0555	.2395	.1915	1.227	3.593	7.680
%RSD	64.18	6730.	42.51	1115.	68.88	334.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3134	.2212	56.19	.1538	-.8736	.5165
Stddev	4.163	.1255	14.12	.5265	.4965	.8600
%RSD	1328.	56.75	25.12	342.3	56.84	166.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.642	-.8036	-.1557	.2429	2.293	4.677
Stddev	1.364	.5327	.2365	.1264	.246	1.197
%RSD	83.05	66.29	151.9	52.03	10.74	25.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 16:00:20 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4614	.1466	2.328	-5.552
Stddev	.2397	.0934	.517	9.305
%RSD	51.94	63.70	22.20	167.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6574.7	72881.	17803.
Stddev	2.8	222.	111.
%RSD	.04259	.30513	.62603

Sample Name: sd 460-60624-f-1-a@5 Acquired: 8/7/2013 16:03:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.451	297.6	.1734	.6371	.1672	1487.
Stddev	5.548	1.5	.2121	.1722	.0292	8.
%RSD	160.8	.5141	122.3	27.03	17.43	.5119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1138	-.0754	.2593	-.2942	-2.430	256.3
Stddev	.0609	.0610	.3290	1.309	4.289	3.2
%RSD	53.53	80.94	126.9	445.0	176.5	1.243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	305.2	16.12	2856.	.3151	-.7757	-.0257
Stddev	3.1	.03	6.	.1379	1.722	.8680
%RSD	1.011	.2126	.2116	43.78	222.0	3381.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1807	-1.243	-.1700	1.648	67.84	.8203
Stddev	.9936	1.750	.0357	.134	.40	.1937
%RSD	549.8	140.8	20.97	8.115	.5958	23.61
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60624-f-1-a@5 Acquired: 8/7/2013 16:03:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1848	7.893	1.378	314.3
Stddev	.5101	.054	.232	1.7
%RSD	276.1	.6884	16.84	.5549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6579.3	72597.	17798.
Stddev	7.3	103.	75.
%RSD	.11159	.14145	.42016

Sample Name: 460-60624-f-1-c ms@1 Acquired: 8/7/2013 16:07:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	196.9	1682.	4.538	206.5	5.127	9363.
Stddev	5.4	5.	.039	1.0	.068	19.
%RSD	2.740	.2973	.8593	.4630	1.331	.1991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.911	49.99	20.56	25.55	107.3	3253.
Stddev	.027	.09	.30	.69	9.0	22.
%RSD	.5583	.1854	1.460	2.688	8.378	.6791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3497.	131.2	16050.	51.87	51.77	44.79
Stddev	20.	.2	11.	.23	1.39	1.06
%RSD	.5594	.1405	.0668	.4437	2.680	2.378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	184.0	212.2	48.01	56.87	383.8	48.37
Stddev	2.1	2.0	.44	.13	.3	.15
%RSD	1.144	.9361	.9248	.2266	.0814	.3167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60624-f-1-c ms@1 Acquired: 8/7/2013 16:07:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	49.87	87.71	50.61	1601.
Stddev	.30	.19	.38	19.
%RSD	.6033	.2149	.7565	1.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6511.9	71684.	17706.
Stddev	12.7	34.	138.
%RSD	.19539	.04701	.77960

Sample Name: 460-60624-f-2-a@10 Acquired: 8/7/2013 16:14:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.385	1510.	-.0827	1.747	.0948	7589.
Stddev	13.85	7.	.7232	.242	.0666	26.
%RSD	409.2	.4437	874.1	13.85	70.29	.3381
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0271	.0826	.1725	.2120	2.601	1345.
Stddev	.0790	.2522	.2487	.6497	5.739	17.
%RSD	291.9	305.3	144.2	306.5	220.6	1.245
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1535.	85.24	14250.	.8415	-1.229	2.924
Stddev	11.	.58	58.	.4713	.684	.650
%RSD	.7207	.6840	.4054	56.01	55.66	22.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.851	.6181	.1745	9.910	331.9	2.308
Stddev	1.321	.7206	.0411	.273	1.5	.325
%RSD	71.40	116.6	23.57	2.756	.4396	14.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60624-f-2-a@10 Acquired: 8/7/2013 16:14:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0516	40.76	1.743	1600.
Stddev	.2521	.21	.080	15.
%RSD	488.9	.5223	4.612	.9114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6532.7	71874.	17749.
Stddev	19.8	70.	91.
%RSD	.30267	.09710	.51133

Sample Name: pds 460-60624-f-1-a@ Acquired: 8/7/2013 16:11:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1927.	3395.	46.23	1993.	49.50	27480.
Stddev	9.	10.	1.67	5.	.06	65.
%RSD	.4540	.3067	3.605	.2407	.1283	.2350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.95	489.7	200.6	242.0	1014.	20440.
Stddev	.20	1.6	1.7	2.0	4.	40.
%RSD	.4081	.3327	.8520	.8461	.3623	.1973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20990.	587.7	34230.	500.3	498.8	427.2
Stddev	59.	1.4	57.	.5	1.3	2.2
%RSD	.2828	.2431	.1666	.1006	.2563	.5137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1862.	2096.	475.6	500.2	820.2	472.9
Stddev	2.	4.	1.1	1.2	1.4	1.8
%RSD	.1113	.2136	.2333	.2459	.1702	.3712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60624-f-1-a@ Acquired: 8/7/2013 16:11:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	487.9	521.2	489.5	1739.
Stddev	.2	.3	1.0	35.
%RSD	.0422	.0663	.2019	2.035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6399.1	70170.	17636.
Stddev	16.5	312.	61.
%RSD	.25809	.44465	.34775

Sample Name: 460-60624-f-3-a@10 Acquired: 8/7/2013 16:18:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.797	1561.	-.7637	4.214	.1165	7507.
Stddev	8.081	3.	.1512	.178	.0766	45.
%RSD	91.86	.1801	19.80	4.226	65.75	.6059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0018	.1749	.2449	-.5319	66.89	1343.
Stddev	.0288	.0381	.3242	1.036	1.79	9.
%RSD	1584.	21.80	132.4	194.7	2.675	.6877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1521.	89.91	14730.	.3891	-.1407	.2876
Stddev	7.	.33	53.	.5887	.2471	.8595
%RSD	.4853	.3650	.3567	151.3	175.6	298.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7696	-1.151	.1406	12.43	350.8	.9260
Stddev	.8917	1.875	.3174	.17	1.9	.3541
%RSD	115.9	162.9	225.7	1.402	.5375	38.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60624-f-3-a@10 Acquired: 8/7/2013 16:18:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2378	37.80	1.733	1636.
Stddev	.3904	.11	.822	9.
%RSD	164.2	.2788	47.42	.5486
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6543.4	71865.	17690.
Stddev	3.6	248.	60.
%RSD	.05542	.34522	.33716

Sample Name: 460-60731-e-10-e du@ Acquired: 8/7/2013 16:21:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3169.	.6630	-.3653	7.685	.1870	78.14
Stddev	24.	1.361	.4405	.112	.0641	1.78
%RSD	.7695	205.3	120.6	1.453	34.26	2.272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1654	.1855	8.020	2.377	1391.	52.11
Stddev	.0226	.2565	.110	2.105	7.	14.19
%RSD	13.65	138.3	1.368	88.55	.5083	27.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.98	4.308	28.72	2.177	2.394	1.470
Stddev	1.60	.040	3.27	.161	.395	1.383
%RSD	12.31	.9227	11.38	7.384	16.51	94.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.276	-1.370	4.121	5.725	2.932	.9672
Stddev	2.217	1.717	.465	.033	.333	.1020
%RSD	173.7	125.3	11.28	.5677	11.36	10.55
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-10-e du@ Acquired: 8/7/2013 16:21:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.624	1.274	53.09	438.5
Stddev	.410	.086	.39	16.0
%RSD	25.27	6.773	.7365	3.659
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6531.9	72748.	17948.
Stddev	40.7	342.	224.
%RSD	.62240	.47060	1.2454

Sample Name: 460-60731-e-10-d@4 Acquired: 8/7/2013 16:25:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3039.	1.231	-.7885	8.925	.1994	74.68
Stddev	6.	1.295	.1838	.043	.0789	5.38
%RSD	.1893	105.2	23.31	.4799	39.56	7.198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0648	.1055	6.925	2.030	1319.	58.32
Stddev	.0429	.2411	.335	.524	6.	6.12
%RSD	66.14	228.7	4.831	25.80	.4716	10.49
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.91	3.988	20.44	1.582	2.774	.2699
Stddev	.89	.045	5.74	.752	1.379	.6214
%RSD	6.874	1.120	28.08	47.53	49.71	230.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.748	-.0035	3.824	2.830	2.203	.8876
Stddev	1.350	1.268	.201	.050	.046	.0622
%RSD	77.25	35960.	5.243	1.777	2.097	7.004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-10-d@4 Acquired: 8/7/2013 16:25:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9023	1.366	47.45	481.2
Stddev	.3170	.041	.62	14.3
%RSD	35.13	2.977	1.303	2.971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6557.2	73100.	18019.
Stddev	20.0	229.	87.
%RSD	.30480	.31297	.48070

Sample Name: sd 460-60731-e-10-d@ Acquired: 8/7/2013 16:28:53 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	585.2	.2605	-.3609	1.683	.1228	24.17
Stddev	7.2	2.185	.4233	.044	.0887	.97
%RSD	1.229	838.6	117.3	2.594	72.18	4.033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0209	-.1502	1.693	.2857	260.6	3.903
Stddev	.0343	.0953	.237	1.862	5.3	14.32
%RSD	163.6	63.43	13.97	651.7	2.023	366.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.512	.8592	2.235	.3185	.3622	1.167
Stddev	1.065	.0315	3.747	.4838	1.395	.906
%RSD	42.37	3.670	167.6	151.9	385.3	77.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.400	-.4020	.4404	5.361	1.607	.1100
Stddev	1.629	1.508	.1775	.147	.233	.1393
%RSD	116.3	375.1	40.29	2.741	14.52	126.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60731-e-10-d@ Acquired: 8/7/2013 16:28:53 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2695	.2491	9.921	88.81
Stddev	.2842	.0296	.568	4.32
%RSD	105.5	11.90	5.720	4.860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6616.3	73241.	18041.
Stddev	14.7	151.	71.
%RSD	.22261	.20622	.39123

Sample Name: 460-60731-e-10-f ms@ Acquired: 8/7/2013 16:32:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9500.	951.3	23.35	1066.	26.12	10160.
Stddev	12.	2.8	1.01	1.	.10	46.
%RSD	.1218	.2982	4.337	.1188	.3742	.4494
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.30	258.8	114.5	127.2	1956.	9995.
Stddev	.10	.2	.6	1.6	40.	23.
%RSD	.3780	.0729	.4984	1.250	2.025	.2265
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9960.	269.3	10340.	265.9	265.9	219.9
Stddev	46.	.6	13.	.5	.5	1.2
%RSD	.4638	.2186	.1292	.1935	.2026	.5351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	948.5	1095.	254.5	260.2	242.4	248.8
Stddev	2.9	2.	.4	.4	.6	.4
%RSD	.3009	.1384	.1691	.1482	.2343	.1615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-10-f ms@ Acquired: 8/7/2013 16:32:33 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	252.4	257.3	292.1	1169.
Stddev	.6	.5	.6	13.
%RSD	.2203	.1920	.2146	1.079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6438.0	71431.	17844.
Stddev	27.5	164.	21.
%RSD	.42684	.23018	.11913

Sample Name: lcssrm 460-174822/2- Acquired: 8/7/2013 16:35:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38650.	755.4	189.3	1005.	510.1	32180.
Stddev	67.	.7	1.1	1.	1.1	93.
%RSD	.1728	.0918	.5588	.1420	.2122	.2885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	471.8	632.9	578.2	553.7	69740.	13710.
Stddev	.5	.4	1.4	2.5	160.	3.
%RSD	.1053	.0610	.2370	.4554	.2289	.0188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12520.	1683.	1557.	341.8	377.1	928.4
Stddev	24.	3.	6.	.5	.7	2.0
%RSD	.1900	.1895	.3926	.1498	.1830	.2160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	573.2	1053.	419.3	1300.	385.7	315.9
Stddev	1.2	1.	.2	2.	1.0	.6
%RSD	.2059	.0854	.0361	.1909	.2690	.1755
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-174822/2- Acquired: 8/7/2013 16:35:54 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	685.1	632.6	957.9	1364.
Stddev	1.4	.4	1.3	31.
%RSD	.1984	.0675	.1370	2.276
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6583.4	72692.	18445.
Stddev	7.9	166.	145.
%RSD	.12041	.22779	.78439

Sample Name: CCV Acquired: 8/7/2013 16:39:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121700.	2409.	1221.	9952.	982.5	124400.
Stddev	149.	1.	2.	2.	1.0	95.
%RSD	.1225	.0482	.1925	.0184	.1061	.0762
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1213.	2467.	4998.	12320.	99900.	49540.
Stddev	1.	1.	6.	22.	40.	67.
%RSD	.0519	.0598	.1206	.1800	.0400	.1357
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124200.	5004.	123900.	2473.	7451.	987.7
Stddev	19.	20.	1128.	2.	2.	2.7
%RSD	.0155	.3959	.9110	.0628	.0253	.2756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2427.	2506.	2451.	2458.	956.3	2460.
Stddev	11.	2.	1.	1.	2.5	2.
%RSD	.4466	.0640	.0535	.0524	.2602	.0957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 16:39:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	5046.	9904.	9361.
Stddev	.	96.	17.	59.
%RSD	.0091	1.901	.1739	.6293
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6056.5	66539.	17272.
Stddev	7.2	120.	84.
%RSD	.11951	.18025	.48786

Sample Name: CCB Acquired: 8/7/2013 16:42:51 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.061	1.161	-.1061	.5177	.2362	-1.186
Stddev	11.56	1.635	.3490	.5106	.1098	5.630
%RSD	284.6	140.8	328.8	98.64	46.50	474.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0576	-.0303	.6509	1.877	5.384	-14.87
Stddev	.0562	.2157	.2654	1.518	2.739	14.51
%RSD	97.59	711.7	40.78	80.88	50.88	97.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.264	.4039	15.72	-.1929	.4112	1.571
Stddev	6.399	.2954	20.22	.2272	1.028	1.596
%RSD	88.09	73.14	128.6	117.8	249.9	101.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.829	-.8438	.0054	.2316	2.689	4.958
Stddev	1.798	1.534	.0985	.2820	.589	.888
%RSD	98.28	181.9	1832.	121.8	21.91	17.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 16:42:51 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5198	.3740	3.057	-10.32
Stddev	.4163	.2827	.259	8.97
%RSD	80.08	75.59	8.484	86.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6606.5	72773.	17848.
Stddev	7.6	54.	130.
%RSD	.11559	.07472	.72791

Sample Name: mb 460-174822/1-a@2 Acquired: 8/7/2013 16:46:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.672	-2.261	-.1023	-.0540	.0935	18.02
Stddev	1.493	1.249	.5923	.1032	.0471	6.29
%RSD	26.33	55.24	579.2	191.1	50.32	34.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0694	-.1653	.5824	-1.299	4.973	-17.27
Stddev	.0433	.2296	.1658	.313	4.605	17.63
%RSD	62.30	138.9	28.47	24.08	92.61	102.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.458	.1463	18.42	-.0875	-.0674	1.514
Stddev	4.366	.1457	3.63	.2111	1.340	1.030
%RSD	299.5	99.60	19.70	241.2	1986.	68.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.078	-.5136	-.1328	.6117	4.316	1.375
Stddev	1.251	.4047	.3480	.0713	.408	.402
%RSD	60.17	78.80	262.1	11.66	9.449	29.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174822/1-a@2 Acquired: 8/7/2013 16:46:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.4397	.1255	1.652	-6.569
Stddev	.1833	.0364	.778	8.918
%RSD	41.70	28.98	47.10	135.8
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6433.9	72190.	17757.
Stddev	51.0	711.	5.
%RSD	.79214	.98468	.02936

Sample Name: pds 460-60731-e-10-d Acquired: 8/7/2013 16:50:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4957.	1808.	45.35	2009.	49.57	19530.
Stddev	20.	9.	1.01	6.	.34	57.
%RSD	.3970	.4819	2.221	.3232	.6801	.2922
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.41	490.2	206.7	245.1	2330.	19080.
Stddev	.25	2.6	1.1	1.3	15.	58.
%RSD	.5128	.5317	.5477	.5483	.6643	.3019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19060.	510.3	19770.	500.3	499.6	411.2
Stddev	71.	1.5	76.	3.0	3.3	1.0
%RSD	.3727	.3033	.3868	.6073	.6642	.2461
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1826.	2084.	477.2	489.4	464.7	477.4
Stddev	10.	11.	1.9	2.8	2.5	2.2
%RSD	.5478	.5506	.4040	.5635	.5317	.4545
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60731-e-10-d Acquired: 8/7/2013 16:50:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	483.9	484.3	535.1	587.1
Stddev	1.5	2.2	5.6	45.3
%RSD	.3098	.4476	1.040	7.708
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6403.1	70710.	17765.
Stddev	3.0	80.	77.
%RSD	.04632	.11340	.43063

Sample Name: 460-60736-a-6-a@4 Acquired: 8/7/2013 16:53:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38260.	18.00	1.196	100.7	1.281	85920.
Stddev	222.	.99	.554	.8	.051	680.
%RSD	.5804	5.483	46.31	.8125	3.984	.7910
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3571	29.97	103.2	168.4	85820.	7460.
Stddev	.1126	.52	1.2	.4	644.	67.
%RSD	31.54	1.733	1.122	.2326	.7501	.8961
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21380.	2011.	5925.	79.43	49.70	6.209
Stddev	186.	15.	37.	.92	1.64	1.901
%RSD	.8717	.7481	.6192	1.163	3.292	30.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.632	-5.038	78.47	680.7	48.41	3.918
Stddev	.602	1.650	.23	4.7	.49	.414
%RSD	10.70	32.75	.2929	.6833	1.003	10.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60736-a-6-a@4 Acquired: 8/7/2013 16:53:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.093	492.8	857.4	3414.
Stddev	.202	2.7	5.3	26.
%RSD	2.843	.5423	.6198	.7533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6501.0	71836.	18383.
Stddev	12.8	185.	15.
%RSD	.19689	.25692	.07890

Sample Name: 460-60737-a-6-a@4 Acquired: 8/7/2013 16:56:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34080.	16.02	.6753	96.01	1.193	64920.
Stddev	70.	1.40	.4220	.13	.054	229.
%RSD	.2057	8.748	62.49	.1402	4.523	.3521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3997	26.74	89.35	49.88	77020.	6752.
Stddev	.1188	.30	.67	.45	182.	20.
%RSD	29.72	1.113	.7538	.9074	.2363	.2896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18180.	1986.	6179.	67.33	45.10	2.831
Stddev	47.	3.	7.	.23	1.42	1.218
%RSD	.2607	.1522	.1099	.3438	3.152	43.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.209	-4.114	72.55	392.7	45.25	2.924
Stddev	.803	1.457	.47	1.1	.41	.370
%RSD	36.34	35.41	.6542	.2852	.9161	12.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60737-a-6-a@4 Acquired: 8/7/2013 16:56:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.064	383.7	759.9	3226.
Stddev	.263	.4	1.6	90.
%RSD	4.340	.1066	.2084	2.776
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6525.6	71901.	18368.
Stddev	12.1	171.	80.
%RSD	.18593	.23730	.43448

Sample Name: 460-60610-h-4-a@4 Acquired: 8/7/2013 17:00:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52310.	16.50	.1608	513.8	2.629	20170.
Stddev	32.	1.25	.1384	.7	.079	88.
%RSD	.0612	7.554	86.07	.1310	3.021	.4338
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3422	47.55	93.40	86.12	116700.	5396.
Stddev	.0316	.33	.83	.68	426.	12.
%RSD	9.245	.6992	.8901	.7943	.3653	.2230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16150.	3197.	894.3	87.56	192.1	3.631
Stddev	86.	9.	2.8	.80	.3	2.069
%RSD	.5307	.2739	.3178	.9103	.1408	56.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.231	-3.763	141.1	295.9	35.71	4.250
Stddev	2.451	.162	.9	1.0	.28	.218
%RSD	39.34	4.314	.6528	.3267	.7968	5.134
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60610-h-4-a@4 Acquired: 8/7/2013 17:00:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	7.847	88.31	1137.	1446.
Stddev	.557	.43	3.	4.
%RSD	7.095	.4894	.2900	.2895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6597.2	72706.	18334.
Stddev	13.7	35.	46.
%RSD	.20752	.04849	.25124

Sample Name: 460-60731-e-1-b@4 Acquired: 8/7/2013 17:04:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29710.	10.41	.1953	66.01	.5837	2344.
Stddev	178.	.84	.2952	.36	.0542	15.
%RSD	.5993	8.110	151.2	.5517	9.292	.6313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4220	4.011	46.23	141.4	38210.	647.6
Stddev	.0378	.088	.46	1.4	183.	6.7
%RSD	8.967	2.195	.9960	.9719	.4793	1.029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	995.8	77.02	54.66	10.62	66.79	1.763
Stddev	3.7	.33	5.00	.73	1.91	.374
%RSD	.3703	.4252	9.148	6.868	2.859	21.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.055	-2.810	65.54	125.3	3.593	3.278
Stddev	1.717	1.669	.57	.5	.106	.102
%RSD	42.33	59.41	.8742	.4276	2.947	3.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-1-b@4 Acquired: 8/7/2013 17:04:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.589	10.77	238.7	932.2
Stddev	.211	.18	2.0	19.6
%RSD	5.883	1.662	.8323	2.100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6555.6	72368.	18056.
Stddev	24.2	395.	70.
%RSD	.36841	.54642	.38539

Sample Name: 460-60731-e-2-b@4 Acquired: 8/7/2013 17:07:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7728.	2.237	-.2535	12.60	.3738	339.4
Stddev	21.	1.463	.1078	.12	.0175	6.1
%RSD	.2745	65.41	42.53	.9725	4.694	1.792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1896	1.800	23.04	7.850	8037.	873.6
Stddev	.0817	.127	.35	1.079	18.	16.8
%RSD	43.08	7.066	1.537	13.75	.2238	1.927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	685.1	28.28	12.11	5.884	3.768	1.958
Stddev	3.9	.10	2.76	.394	.325	1.093
%RSD	.5721	.3610	22.79	6.702	8.627	55.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.671	-1.090	12.95	89.35	8.457	1.574
Stddev	.721	1.587	.19	.44	.221	.151
%RSD	26.98	145.5	1.502	.4974	2.610	9.578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-2-b@4 Acquired: 8/7/2013 17:07:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.325	4.217	137.2	798.4
Stddev	.134	.034	.6	4.9
%RSD	10.10	.7964	.4399	.6198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6598.3	73299.	18191.
Stddev	13.8	154.	41.
%RSD	.20907	.21013	.22380

Sample Name: 460-60731-e-3-b@4 Acquired: 8/7/2013 17:11:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1929.	2.299	-.7341	8.548	.2165	91.43
Stddev	8.	.544	.3605	.145	.0745	6.52
%RSD	.3915	23.66	49.11	1.699	34.44	7.129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1872	.8833	13.43	1.991	2881.	150.5
Stddev	.0761	.2556	.67	.679	13.	24.5
%RSD	40.66	28.93	4.965	34.11	.4661	16.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	147.3	7.558	-.7912	2.599	1.491	.5662
Stddev	2.8	.086	3.661	.161	.795	1.053
%RSD	1.886	1.134	462.7	6.199	53.28	185.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.073	-1.259	6.528	6.896	2.430	.4885
Stddev	.930	.512	.125	.065	.359	.0500
%RSD	44.89	40.69	1.908	.9478	14.76	10.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-3-b@4 Acquired: 8/7/2013 17:11:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1417	1.747	47.99	249.4
Stddev	.3517	.038	.44	1.9
%RSD	248.1	2.161	.9109	.7616
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6598.7	73870.	18245.
Stddev	10.0	175.	68.
%RSD	.15139	.23667	.37437

Sample Name: 460-60731-e-4-b@4 Acquired: 8/7/2013 17:15:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5069.	.8668	-.3346	10.04	.3018	168.9
Stddev	26.	1.137	.2149	.16	.0266	3.6
%RSD	.5097	131.1	64.24	1.555	8.797	2.114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2459	.9938	12.99	2.707	3978.	342.1
Stddev	.0304	.1044	.39	.644	7.	4.8
%RSD	12.35	10.50	2.969	23.78	.1783	1.394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	231.6	13.90	14.88	3.956	3.963	1.065
Stddev	.6	.07	3.11	.565	.719	1.092
%RSD	.2521	.4734	20.88	14.29	18.13	102.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8961	-.4994	8.384	18.98	3.981	.9401
Stddev	3.282	1.720	.323	.08	.245	.2203
%RSD	366.2	344.5	3.854	.4046	6.164	23.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-4-b@4 Acquired: 8/7/2013 17:15:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.9114	1.988	171.1	686.8
Stddev	.2869	.017	.9	5.3
%RSD	31.48	.8567	.5032	.7687
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6609.0	73848.	18405.
Stddev	8.7	342.	33.
%RSD	.13150	.46328	.17920

Sample Name: 460-60731-e-5-b@4 Acquired: 8/7/2013 17:18:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9215.	3.393	-.2221	9.915	.2319	150.1
Stddev	31.	1.407	.2065	.146	.0280	2.6
%RSD	.3326	41.46	92.98	1.473	12.08	1.720
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2064	.5957	17.50	13.05	11760.	203.6
Stddev	.0106	.1731	.56	1.45	38.	17.4
%RSD	5.119	29.05	3.181	11.13	.3248	8.527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	352.3	18.86	-2.326	2.847	9.126	-.2295
Stddev	1.7	.05	1.503	.468	1.216	1.175
%RSD	.4807	.2549	64.63	16.44	13.32	511.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.179	-1.005	16.49	17.37	2.961	.5990
Stddev	.322	.614	.26	.07	.075	.0540
%RSD	14.76	61.16	1.552	.4177	2.520	9.023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-5-b@4 Acquired: 8/7/2013 17:18:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6850	1.445	153.1	799.4
Stddev	.3669	.048	.4	11.7
%RSD	53.56	3.288	.2904	1.466
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6599.9	73946.	18409.
Stddev	20.4	440.	24.
%RSD	.30926	.59443	.13036

Sample Name: CCV Acquired: 8/7/2013 17:22:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	2419.	1222.	9955.	978.4	123100.
Stddev	39.	5.	2.	13.	1.8	177.
%RSD	.0322	.2145	.1992	.1275	.1822	.1438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1209.	2465.	4949.	12290.	98910.	49390.
Stddev	1.	2.	9.	5.	134.	56.
%RSD	.1055	.0968	.1916	.0418	.1353	.1132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122700.	4961.	123800.	2472.	7427.	987.9
Stddev	271.	8.	360.	2.	9.	2.9
%RSD	.2205	.1578	.2910	.0786	.1178	.2888
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2443.	2503.	2439.	2432.	960.6	2462.
Stddev	5.	7.	2.	3.	.7	4.
%RSD	.2020	.2928	.0748	.1139	.0772	.1818
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 17:22:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.9	5016.	9890.	9538.
Stddev	.5	26.	5.	57.
%RSD	.0480	.5134	.0552	.6024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6109.3	67706.	17846.
Stddev	7.7	195.	28.
%RSD	.12598	.28745	.15568

Sample Name: CCB Acquired: 8/7/2013 17:26:07 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.607	1.164	-.0788	.5765	.2479	-3.229
Stddev	7.800	1.691	.1555	.2519	.0961	7.035
%RSD	81.19	145.3	197.2	43.71	38.77	217.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0321	.0494	.4997	.0391	5.241	-3.009
Stddev	.0330	.0833	.2340	1.357	4.292	21.44
%RSD	102.7	168.6	46.84	3471.	81.89	712.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.553	.3225	-1.973	.3576	.3128	.0637
Stddev	4.293	.1982	11.97	.3233	.9952	1.465
%RSD	94.28	61.46	606.8	90.39	318.1	2299.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4938	.6264	.0185	.0217	1.588	5.009
Stddev	.4790	.8725	.1205	.1781	.494	1.016
%RSD	97.01	139.3	652.1	819.9	31.08	20.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 17:26:07 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2308	.3274	2.749	-11.53
Stddev	.1726	.1688	.843	6.02
%RSD	74.81	51.54	30.67	52.17
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6660.7	74170.	18241.
Stddev	4.3	116.	129.
%RSD	.06412	.15615	.70697

Sample Name: 460-60731-e-6-b@4 Acquired: 8/7/2013 17:29:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4812.	3.418	-.2825	12.08	.3839	341.6
Stddev	13.	.420	.4960	.09	.0255	5.0
%RSD	.2767	12.28	175.6	.7287	6.642	1.457
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1801	1.051	12.13	11.17	7805.	794.9
Stddev	.0616	.103	.34	1.18	7.	17.7
%RSD	34.20	9.830	2.831	10.59	.0940	2.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	676.9	20.10	82.80	6.213	20.13	.5381
Stddev	4.7	.10	4.01	.315	1.12	1.276
%RSD	.6949	.4913	4.846	5.068	5.536	237.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.287	-.8726	9.981	18.88	8.532	1.224
Stddev	.571	1.665	.142	.06	.496	.346
%RSD	44.36	190.9	1.424	.3108	5.808	28.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-6-b@4 Acquired: 8/7/2013 17:29:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6426	3.282	91.84	432.4
Stddev	.0607	.030	.22	6.8
%RSD	9.438	.9026	.2386	1.573
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6609.9	74436.	18712.
Stddev	21.1	522.	48.
%RSD	.31852	.70157	.25481

Sample Name: 460-60731-e-7-b@4 Acquired: 8/7/2013 17:33:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5739.	1.595	-.1844	9.203	.2210	99.61
Stddev	7.	.440	.5370	.085	.0461	3.35
%RSD	.1198	27.59	291.2	.9190	20.85	3.366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0331	.4089	6.921	5.568	2462.	62.28
Stddev	.0794	.0550	.100	.476	5.	22.52
%RSD	240.0	13.45	1.438	8.550	.1966	36.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.85	5.064	25.88	4.870	2.290	1.212
Stddev	1.26	.030	4.80	.441	.200	1.413
%RSD	3.619	.6031	18.55	9.051	8.717	116.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5541	-1.746	1.375	17.06	1.949	.6188
Stddev	1.474	.780	.136	.13	.400	.1154
%RSD	266.1	44.69	9.884	.7682	20.51	18.66
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-7-b@4 Acquired: 8/7/2013 17:33:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7716	1.794	35.48	818.0
Stddev	.0801	.038	.43	13.1
%RSD	10.38	2.100	1.224	1.598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6622.3	74770.	18749.
Stddev	27.0	96.	78.
%RSD	.40841	.12852	.41493

Sample Name: 460-60731-e-8-b@4 Acquired: 8/7/2013 17:37:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3516.	.5491	-.8709	8.735	.1786	161.5
Stddev	10.	.9000	.7682	.238	.0512	5.2
%RSD	.2960	163.9	88.20	2.720	28.64	3.191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0893	-.0617	6.060	1.785	348.6	131.6
Stddev	.0249	.1815	.414	.492	4.3	22.6
%RSD	27.91	294.3	6.840	27.55	1.242	17.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.13	5.339	64.07	1.204	6.497	.1487
Stddev	.78	.106	2.38	.327	.457	.5196
%RSD	2.892	1.975	3.720	27.13	7.040	349.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6510	-.9969	3.163	6.033	2.010	.5330
Stddev	1.898	.4769	.211	.029	.324	.2297
%RSD	291.5	47.84	6.668	.4863	16.11	43.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-8-b@4 Acquired: 8/7/2013 17:37:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.332	3.754	143.2	810.3
Stddev	.186	.053	1.0	6.9
%RSD	13.95	1.419	.6949	.8485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6645.5	74937.	18815.
Stddev	18.6	362.	41.
%RSD	.27922	.48343	.21646

Sample Name: 460-60731-e-9-b@4 Acquired: 8/7/2013 17:40:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3609.	.3561	-.9226	5.948	.1667	129.6
Stddev	24.	1.143	.4340	.106	.0385	2.4
%RSD	.6748	321.1	47.04	1.785	23.11	1.824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0138	.0925	6.917	1.322	335.7	102.1
Stddev	.0428	.1431	.254	1.228	4.1	14.3
%RSD	309.4	154.8	3.677	92.85	1.225	14.00
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30.85	5.618	64.70	1.016	7.867	.2303
Stddev	1.60	.050	6.50	.530	.791	1.486
%RSD	5.188	.8844	10.05	52.20	10.06	645.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3197	-.8355	3.630	7.059	2.137	.0834
Stddev	1.633	.2656	.112	.206	.495	.2291
%RSD	510.8	31.78	3.098	2.915	23.14	274.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-e-9-b@4 Acquired: 8/7/2013 17:40:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6439	2.240	197.0	937.1
Stddev	.5605	.026	1.9	18.4
%RSD	87.05	1.161	.9428	1.959
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6657.5	74992.	18797.
Stddev	14.8	171.	39.
%RSD	.22200	.22764	.20524

Sample Name: 460-60716-a-1-a@200 Acquired: 8/7/2013 17:44:23 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65.00	1.903	-.2512	.8822	.1070	114.1
Stddev	7.46	.673	.5250	.0810	.0158	1.3
%RSD	11.48	35.38	209.0	9.187	14.77	1.131
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1096	3.823	4625.	6.680	686.1	-3.869
Stddev	.0772	.059	10.	1.427	6.0	2.410
%RSD	70.47	1.530	.2262	21.36	.8709	62.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.70	11.09	70.58	326.0	2.263	73.81
Stddev	.89	.14	6.95	.9	.187	.90
%RSD	8.285	1.217	9.850	.2817	8.275	1.223
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6205	1.302	-2.043	6.938	1.359	.7901
Stddev	1.791	1.009	.097	.142	.383	.0770
%RSD	288.7	77.50	4.735	2.054	28.19	9.743
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60716-a-1-a@200 Acquired: 8/7/2013 17:44:23 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3201	.3484	1.940	-35.19
Stddev	.3883	.0360	.200	10.09
%RSD	121.3	10.34	10.29	28.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6667.5	75161.	18675.
Stddev	.5	139.	60.
%RSD	.00824	.18558	.32243

Sample Name: 460-60690-a-5-a@4 Acquired: 8/7/2013 17:48:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15700.	3.169	2.206	126.6	.8266	11220.
Stddev	13.	.285	.527	.3	.0354	44.
%RSD	.0827	8.981	23.88	.2525	4.278	.3898
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0553	15.86	40.73	382.3	28510.	2067.
Stddev	.0485	.31	.07	.7	61.	12.
%RSD	87.69	1.946	.1634	.1784	.2151	.5848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7698.	525.7	285.7	50.16	919.2	1.190
Stddev	19.	.8	9.8	1.01	3.5	1.314
%RSD	.2419	.1500	3.429	2.022	.3788	110.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.273	-2.541	44.83	199.9	5.804	.9632
Stddev	.654	.986	.42	.4	.546	.1058
%RSD	28.76	38.80	.9287	.2185	9.406	10.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-5-a@4 Acquired: 8/7/2013 17:48:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.179	18.38	502.0	588.6
Stddev	.789	.04	1.3	10.1
%RSD	18.87	.2443	.2558	1.719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6587.4	74254.	18930.
Stddev	26.6	320.	93.
%RSD	.40412	.43138	.48925

Sample Name: 460-60690-a-6-a@4 Acquired: 8/7/2013 17:51:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29960.	7.701	-.4356	150.2	2.144	17000.
Stddev	120.	.323	.6714	.7	.021	46.
%RSD	.4006	4.188	154.1	.4464	.9887	.2734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4023	33.26	72.50	493.7	66460.	2918.
Stddev	.0186	.20	.33	4.4	186.	11.
%RSD	4.614	.6160	.4579	.8989	.2797	.3809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17430.	820.2	827.2	88.51	143.2	-.0396
Stddev	24.	2.0	1.6	.65	.4	2.052
%RSD	.1353	.2471	.1918	.7357	.2758	5177.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.111	-3.745	106.6	223.6	5.410	.9872
Stddev	1.679	1.047	.1	.8	.105	.1767
%RSD	53.98	27.95	.1389	.3661	1.948	17.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-a-6-a@4 Acquired: 8/7/2013 17:51:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.460	46.62	548.0	572.9
Stddev	.309	.26	3.3	9.2
%RSD	12.56	.5606	.6105	1.604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6615.7	73545.	18591.
Stddev	7.4	393.	135.
%RSD	.11248	.53372	.72663

Sample Name: 460-60696-a-1-a@4 Acquired: 8/7/2013 17:55:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	80120.	59.56	.4326	359.1	2.943	4245.
Stddev	439.	1.37	.4431	1.5	.051	18.
%RSD	.5484	2.300	102.4	.4052	1.749	.4222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5632	40.57	128.2	274.0	115700.	5169.
Stddev	.1772	.05	.9	3.4	673.	37.
%RSD	31.47	.1240	.6645	1.231	.5820	.7191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15500.	1587.	313.7	89.91	1162.	-.3644
Stddev	73.	7.	3.0	.83	6.	1.811
%RSD	.4689	.4372	.9690	.9240	.5370	497.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.382	-6.749	157.4	F 5201.	19.27	2.865
Stddev	2.539	.583	1.2	26.	.41	.360
%RSD	57.94	8.638	.7668	.4918	2.124	12.57
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-60696-a-1-a@4 Acquired: 8/7/2013 17:55:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	20.37	29.91	1524.	1542.
Stddev	.56	.20	6.	12.
%RSD	2.749	.6634	.3665	.7883
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6708.4	74153.	18996.
Stddev	27.3	333.	55.
%RSD	.40744	.44913	.28833

Sample Name: 460-60696-a-5-a@4 Acquired: 8/7/2013 17:58:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	75580.	16.07	-.3186	390.0	1.793	18580.
Stddev	268.	1.17	.6068	.6	.015	105.
%RSD	.3547	7.291	190.5	.1651	.8300	.5673
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3268	65.48	126.5	168.5	134800.	5423.
Stddev	.0705	.38	.9	2.1	594.	31.
%RSD	21.57	.5728	.6775	1.231	.4410	.5793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31590.	2708.	1256.	117.6	173.1	3.432
Stddev	192.	12.	7.	.6	.5	2.123
%RSD	.6066	.4297	.5739	.5085	.2921	61.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.518	-8.321	174.2	363.6	178.3	2.503
Stddev	.858	.871	.6	.3	.4	.135
%RSD	13.16	10.46	.3408	.0705	.2002	5.373
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60696-a-5-a@4 Acquired: 8/7/2013 17:58:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	11.57	62.29	2742.	1379.
Stddev	.45	.20	10.	15.
%RSD	3.916	.3136	.3646	1.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6695.6	74259.	19029.
Stddev	16.5	157.	27.
%RSD	.24663	.21111	.14112

Sample Name: 460-60696-a-6-a@4 Acquired: 8/7/2013 18:02:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46930.	17.11	.5509	542.2	2.503	5379.
Stddev	46.	.93	.4214	.4	.009	5.
%RSD	.0986	5.431	76.49	.0649	.3530	.0916
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5463	77.14	118.7	72.14	132700.	6858.
Stddev	.0811	.10	.5	.78	261.	21.
%RSD	14.84	.1267	.4169	1.085	.1965	.2991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21000.	4228.	362.2	101.5	84.34	1.512
Stddev	49.	13.	7.1	.5	.33	1.041
%RSD	.2311	.3003	1.962	.4498	.3867	68.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.175	-6.606	122.5	416.6	32.37	1.553
Stddev	1.008	1.761	.8	.3	.18	.151
%RSD	19.48	26.66	.6538	.0808	.5592	9.728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60696-a-6-a@4 Acquired: 8/7/2013 18:02:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.408	30.15	868.7	1083.
Stddev	.288	.05	2.2	12.
%RSD	6.532	.1739	.2509	1.082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6861.5	75886.	19253.
Stddev	16.8	93.	147.
%RSD	.24547	.12263	.76380

Sample Name: CCV Acquired: 8/7/2013 18:05:39 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	2418.	1225.	9980.	981.6	124300.
Stddev	21.	7.	2.	2.	1.1	127.
%RSD	.0175	.2927	.1638	.0187	.1102	.1025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1213.	2470.	4992.	12330.	99710.	49630.
Stddev	1.	.	7.	7.	174.	52.
%RSD	.0514	.0062	.1494	.0578	.1747	.1050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124000.	5009.	124100.	2478.	7459.	989.1
Stddev	212.	23.	243.	1.	11.	2.7
%RSD	.1712	.4669	.1957	.0412	.1444	.2764
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2437.	2506.	2455.	2449.	959.9	2466.
Stddev	5.	2.	2.	1.	1.3	3.
%RSD	.2107	.0987	.0645	.0454	.1354	.1284
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 18:05:39 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4996.	9920.	9527.
Stddev	.	38.	8.	66.
%RSD	.0321	.7652	.0836	.6973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6087.0	67054.	17689.
Stddev	6.5	177.	45.
%RSD	.10690	.26358	.25261

Sample Name: CCB Acquired: 8/7/2013 18:09:20 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.893	1.842	-.4844	.2784	.2557	-8.481
Stddev	6.375	.985	.3655	.4030	.0468	6.384
%RSD	220.4	53.48	75.46	144.8	18.29	75.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0469	-.0200	.4417	.7386	8.075	6.551
Stddev	.0548	.0758	.3079	.5514	.607	4.244
%RSD	116.9	379.1	69.72	74.65	7.514	64.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5453	.2286	-5.566	.0882	-.8437	1.079
Stddev	6.223	.1758	7.932	.2321	1.257	.911
%RSD	1141.	76.90	142.5	263.0	149.0	84.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.786	.1866	-.2153	.0539	1.612	4.833
Stddev	1.353	1.550	.4148	.1347	.746	.987
%RSD	48.56	830.6	192.6	249.8	46.25	20.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 18:09:20 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2039	.1947	2.817	-3.826
Stddev	.4586	.2559	.644	12.64
%RSD	225.0	131.4	22.86	330.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6691.0	74316.	18120.
Stddev	11.5	350.	58.
%RSD	.17168	.47074	.31774

Sample Name: 460-60565-b-14-d@10 Acquired: 8/7/2013 18:13:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16040.	23.66	3.142	1145.	.4883	40380.
Stddev	29.	2.17	.112	2.	.0622	52.
%RSD	.1802	9.181	3.553	.1324	12.74	.1296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.431	17.39	97.17	483.0	123100.	2547.
Stddev	.104	.15	.55	3.1	47.	17.
%RSD	1.914	.8558	.5634	.6338	.0384	.6829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11960.	903.7	3745.	70.72	1639.	164.4
Stddev	24.	.3	10.	.97	1.	1.3
%RSD	.2026	.0299	.2728	1.368	.0578	.8182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.772	-5.961	60.67	1901.	40.24	12.08
Stddev	1.601	.802	.20	6.	.43	.38
%RSD	18.25	13.46	.3242	.3131	1.067	3.160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60565-b-14-d@10 Acquired: 8/7/2013 18:13:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	354.7	168.0	662.1	716.3
Stddev	.7	.4	2.4	18.2
%RSD	.2023	.2586	.3692	2.540
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6477.5	71868.	18133.
Stddev	18.1	304.	173.
%RSD	.27916	.42337	.95457

Sample Name: 460-60460-a-1-b@50 Acquired: 8/7/2013 18:16:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.994	-.5754	-.3995	270.4	.1721	117.9
Stddev	6.256	1.718	.1565	.1	.0042	2.4
%RSD	62.60	298.7	39.18	.0361	2.441	2.053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0216	-.2300	.3582	3.089	4.812	91.74
Stddev	.0474	.0603	.2544	.424	4.136	27.58
%RSD	219.3	26.20	71.02	13.71	85.94	30.06
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.66	3.118	29860.	.1199	8714.	.0364
Stddev	1.18	.040	83.	.5774	10.	.3643
%RSD	7.550	1.295	.2784	481.7	.1189	1000.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0761	.0327	-.2894	1174.	309.7	.3238
Stddev	2.013	.7694	.0134	.	1.8	.2297
%RSD	2644.	2356.	4.644	.0125	.5711	70.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60460-a-1-b@50 Acquired: 8/7/2013 18:16:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0260	52.72	1.420	112.8
Stddev	.1270	.04	.387	4.9
%RSD	487.9	.0838	27.24	4.346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6542.6	72329.	17920.
Stddev	2.1	149.	136.
%RSD	.03145	.20623	.76140

Sample Name: 460-60565-a-15-e@20 Acquired: 8/7/2013 18:20:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.882	.2899	-.6570	53.48	.1994	15610.
Stddev	9.621	1.005	.8101	.13	.0210	34.
%RSD	247.8	346.8	123.3	.2459	10.55	.2146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.364	3.816	.1762	151.0	93.38	341.0
Stddev	.069	.161	.1843	.9	5.30	17.4
%RSD	2.895	4.217	104.6	.5694	5.679	5.112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	950.4	273.2	71600.	11.72	22.49	-1.903
Stddev	2.8	.4	80.	.56	.58	.695
%RSD	.2972	.1533	.1115	4.787	2.569	36.51
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0245	-.0385	-.0347	3006.	12.67	.1918
Stddev	.8693	1.446	.3561	3.	.56	.1585
%RSD	3552.	3758.	1028.	.0865	4.385	82.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60565-a-15-e@20 Acquired: 8/7/2013 18:20:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0247	53.70	1.528	249.1
Stddev	.1164	.08	.238	13.3
%RSD	470.8	.1573	15.61	5.354
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6453.6	70625.	17850.
Stddev	6.9	219.	83.
%RSD	.10766	.31016	.46244

Sample Name: 460-60404-a-16-z du@ Acquired: 8/7/2013 18:23:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1059.	.5875	-.0950	13.09	.2203	175800.
Stddev	14.	1.056	.4813	.23	.0147	427.
%RSD	1.306	179.8	506.6	1.790	6.689	.2426
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1057	3.641	3989.	2.017	765.6	4649.
Stddev	.0556	.021	10.	.535	2.8	48.
%RSD	52.60	.5706	.2496	26.51	.3683	1.024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	68360.	6.622	F 593300.	12.01	1.734	63.73
Stddev	121.	.055	26220.	.69	.607	.90
%RSD	.1770	.8339	4.420	5.712	34.99	1.408
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.062	-1.752	44.80	8.568	13.80	.3580
Stddev	1.311	.608	.24	.242	.32	.2795
%RSD	123.5	34.69	.5300	2.829	2.329	78.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-z du@ Acquired: 8/7/2013 18:23:39 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.003	212.7	49.58	515.0
Stddev	.341	.3	.60	10.5
%RSD	17.00	.1584	1.219	2.030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5831.7	63991.	17542.
Stddev	2.5	75.	122.
%RSD	.04279	.11713	.69584

Sample Name: 460-60404-a-16-y@2 Acquired: 8/7/2013 18:27:34 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1069.	.0743	-.3692	13.66	.2444	178400.
Stddev	4.	.4490	.3778	.03	.0848	255.
%RSD	.3910	604.6	102.3	.2354	34.68	.1427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0320	3.657	4040.	2.421	805.7	4725.
Stddev	.0907	.083	5.	1.779	6.3	45.
%RSD	283.5	2.278	.1191	73.48	.7757	.9428
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69110.	6.874	F 579800.	12.13	2.164	62.37
Stddev	96.	.023	28820.	.27	.252	1.14
%RSD	.1384	.3371	4.970	2.219	11.65	1.830
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.597	-2.719	45.59	9.792	14.20	.5077
Stddev	1.640	.411	.36	.017	.19	.0513
%RSD	63.16	15.12	.7854	.1774	1.365	10.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-y@2 Acquired: 8/7/2013 18:27:34 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.893	215.3	51.06	549.2
Stddev	.615	.6	1.12	13.3
%RSD	32.51	.2713	2.184	2.412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5817.9	63867.	17633.
Stddev	4.0	36.	80.
%RSD	.06927	.05578	.45563

Sample Name: sd 460-60404-a-16-y@ Acquired: 8/7/2013 18:31:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	210.3	-.6932	-.5391	2.629	.1828	35030.
Stddev	3.6	.9721	.4145	.180	.0916	7.
%RSD	1.704	140.2	76.89	6.865	50.09	.0205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0595	.5592	797.9	.6788	162.9	883.2
Stddev	.0116	.2044	1.7	1.280	6.2	15.3
%RSD	19.45	36.55	.2156	188.5	3.821	1.733
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13660.	1.331	129700.	2.581	-.0745	11.95
Stddev	15.	.038	867.	.463	.6610	1.09
%RSD	.1098	2.838	.6690	17.93	887.2	9.122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.236	-.1725	8.425	2.246	3.186	.2625
Stddev	.596	.5846	.297	.062	.340	.2459
%RSD	48.25	339.0	3.525	2.742	10.67	93.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60404-a-16-y@ Acquired: 8/7/2013 18:31:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6452	42.10	11.98	87.30
Stddev	.1816	.16	.58	11.47
%RSD	28.15	.3693	4.829	13.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6310.0	69136.	17919.
Stddev	8.2	121.	34.
%RSD	.12944	.17510	.19182

Sample Name: 460-60404-a-16-aa ms Acquired: 8/7/2013 18:35:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3525.	2590.	252.1	4971.	484.9	183600.
Stddev	23.	5.	1.4	3.	.7	627.
%RSD	.6620	.1828	.5624	.0544	.1396	.3417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	485.7	493.1	6444.	496.6	1156.	14820.
Stddev	.3	.4	13.	1.7	2.	19.
%RSD	.0567	.0911	.2014	.3355	.1821	.1280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	77190.	506.3	F 575800.	501.6	2469.	569.6
Stddev	222.	.6	37810.	1.7	5.	2.7
%RSD	.2869	.1155	6.566	.3333	.2038	.4818
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	519.6	478.4	291.8	499.3	504.9	505.4
Stddev	3.9	.4	.5	.7	2.0	.4
%RSD	.7549	.0745	.1789	.1339	.3863	.0848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-aa ms Acquired: 8/7/2013 18:35:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	525.9	706.1	557.0	490.6
Stddev	.8	1.2	2.3	1.1
%RSD	.1472	.1681	.4218	.2187
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5796.3	64005.	17632.
Stddev	6.6	145.	93.
%RSD	.11429	.22598	.52482

Sample Name: 460-60404-a-16-ab ms Acquired: 8/7/2013 18:38:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3556.	2590.	250.2	4956.	483.4	188700.
Stddev	18.	3.	1.9	6.	.4	374.
%RSD	.5021	.1269	.7621	.1218	.0836	.1980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	484.5	491.3	6561.	494.3	1220.	14900.
Stddev	.2	1.4	9.	1.4	3.	36.
%RSD	.0475	.2868	.1425	.2759	.2244	.2439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	79180.	505.5	F 575700.	498.2	2459.	570.9
Stddev	122.	.8	30600.	.2	6.	2.1
%RSD	.1538	.1620	5.314	.0436	.2468	.3600
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	522.9	477.3	292.4	497.9	502.9	505.8
Stddev	7.1	2.3	.9	1.2	.8	.4
%RSD	1.352	.4799	.3023	.2426	.1625	.0885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60404-a-16-ab ms Acquired: 8/7/2013 18:38:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	518.6	712.1	556.6	518.9
Stddev	1.2	.6	.7	10.3
%RSD	.2251	.0828	.1339	1.991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5774.5	63841.	17626.
Stddev	7.5	37.	87.
%RSD	.13020	.05771	.49457

Sample Name: pds 460-60404-a-16-y Acquired: 8/7/2013 18:42:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3519.	2502.	62.41	2489.	61.35	201500.
Stddev	2.	4.	1.50	4.	.10	500.
%RSD	.0481	.1626	2.400	.1616	.1605	.2484
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.88	603.2	4280.	306.8	2025.	29790.
Stddev	.08	.6	7.	2.7	8.	34.
%RSD	.1276	.0931	.1646	.8951	.3715	.1136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	92990.	628.3	F 578900.	618.4	601.0	634.9
Stddev	66.	.2	29510.	2.4	2.2	1.3
%RSD	.0710	.0251	5.098	.3955	.3678	.2007
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2581.	2401.	647.4	614.5	618.9	601.4
Stddev	4.	8.	.9	1.0	1.0	.8
%RSD	.1360	.3430	.1465	.1605	.1603	.1349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60404-a-16-y Acquired: 8/7/2013 18:42:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	596.9	823.1	663.4	626.6
Stddev	1.0	.9	.7	39.7
%RSD	.1727	.1060	.1130	6.334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5759.8	63447.	17567.
Stddev	2.9	60.	94.
%RSD	.05112	.09489	.53432

Sample Name: CCV Acquired: 8/7/2013 18:46:02 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121400.	2420.	1220.	9957.	979.0	123100.
Stddev	272.	2.	2.	10.	2.2	140.
%RSD	.2240	.0830	.1441	.1007	.2248	.1133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1208.	2465.	4946.	12290.	98870.	49490.
Stddev	1.	3.	7.	31.	78.	129.
%RSD	.0847	.1073	.1489	.2549	.0794	.2599
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	122700.	4968.	122600.	2470.	7421.	990.9
Stddev	146.	14.	627.	2.	10.	4.4
%RSD	.1192	.2725	.5117	.0724	.1349	.4483
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2449.	2509.	2442.	2429.	961.5	2465.
Stddev	7.	1.	2.	1.	1.4	6.
%RSD	.2861	.0499	.0970	.0458	.1425	.2618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/7/2013 18:46:02 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.9	5033.	9898.	9403.
Stddev	1.5	45.	24.	54.
%RSD	.1534	.8912	.2470	.5754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6052.9	66953.	17508.
Stddev	19.3	179.	39.
%RSD	.31816	.26739	.22484

Sample Name: CCB Acquired: 8/7/2013 18:49:37 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.475	.4579	-.4095	.3840	.1990	-6.850
Stddev	3.526	.9445	.1175	.2996	.0500	3.239
%RSD	78.80	206.3	28.69	78.03	25.14	47.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0472	-.1310	.4349	1.390	8.414	3.436
Stddev	.1240	.0731	.1657	.991	3.227	11.01
%RSD	262.6	55.85	38.11	71.27	38.35	320.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

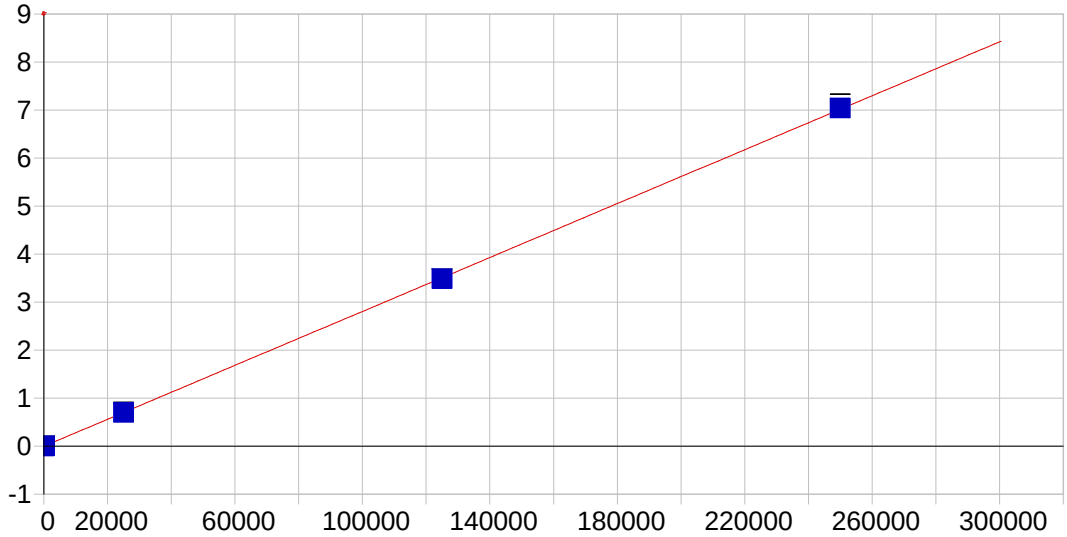
Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.601	.0946	70.81	.0146	.4018	1.707
Stddev	1.425	.1367	25.44	.4644	1.209	.963
%RSD	89.01	144.4	35.93	3182.	300.8	56.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.440	-.0335	-.0126	.0781	2.803	4.891
Stddev	.872	.6741	.2845	.1700	.628	1.240
%RSD	60.53	2011.	2261.	217.7	22.41	25.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/7/2013 18:49:37 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.3247	.0910	2.268	-8.100
Stddev	.2709	.0750	.878	13.52
%RSD	83.43	82.40	38.73	166.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6604.1	73752.	18039.
Stddev	17.2	92.	37.
%RSD	.26077	.12439	.20513

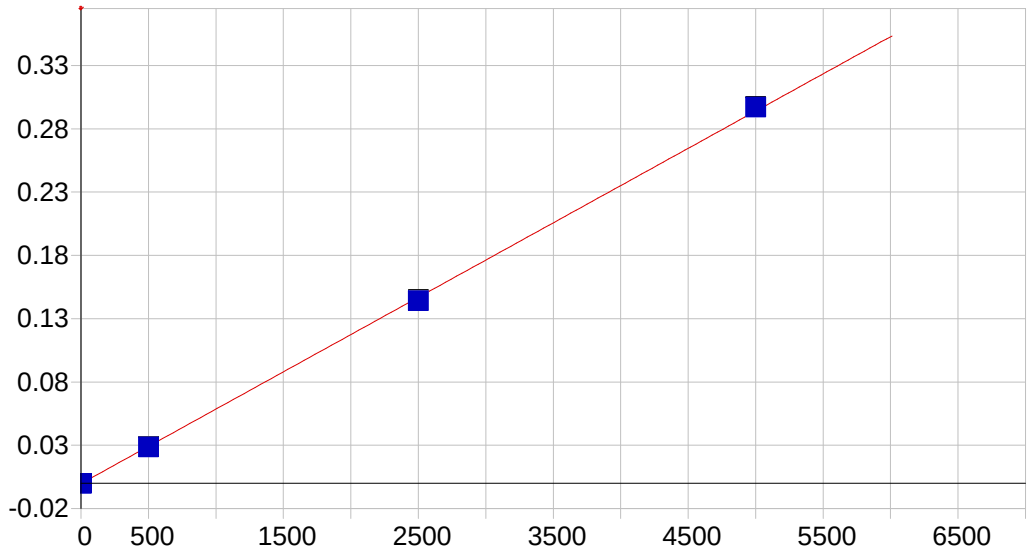


Al 396.152 { 85}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000869	Re-Slope:	1.000000
A1 (Gain):	0.000028	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	9.292330		
Predicted MQL:	30.974434		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.01007	-.010	.000	-.00087	.000	1
DCAL2	200.00	210.27	10.3	5.14	.00506	.000	1
DCAL3	25000.	25069.	68.7	.275	.70347	.001	1
DCAL4	125000.	124140.	-856.	-.685	3.4872	.006	1
DCAL5	250000.	250780.	777.	.311	7.0450	.082	1

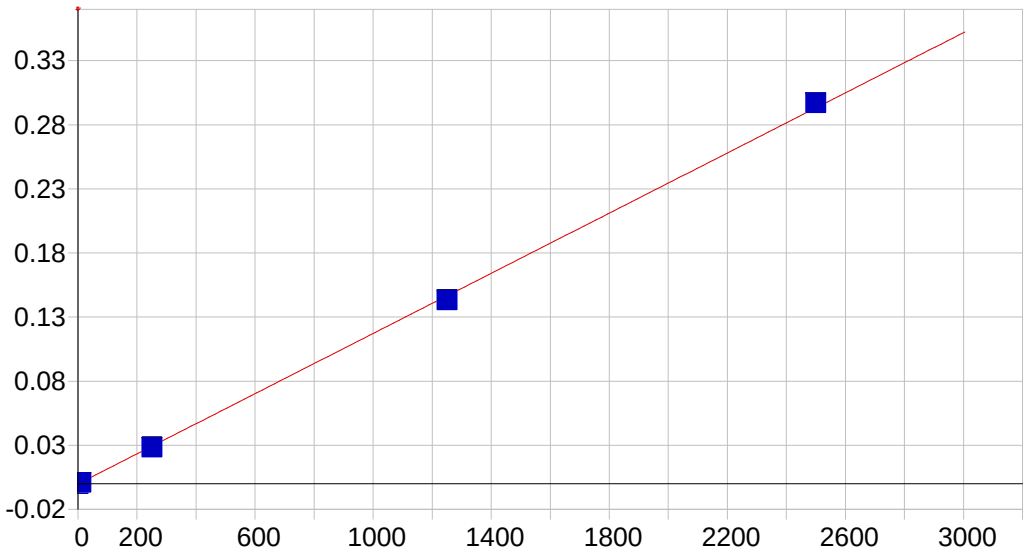


As 189.042 {478}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000291	Re-Slope:	1.000000
A1 (Gain):	0.000059	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	1.642806		
Predicted MQL:	5.476022		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00041	.000	.000	-.00029	.000	1
DCAL2	5.0000	4.7118	-.288	-5.76	-.00001	.000	1
DCAL3	500.00	491.65	-8.35	-1.67	.02861	.000	1
DCAL4	2500.0	2455.8	-44.2	-1.77	.14409	.001	1
DCAL5	5000.0	5052.8	52.8	1.06	.29678	.000	1

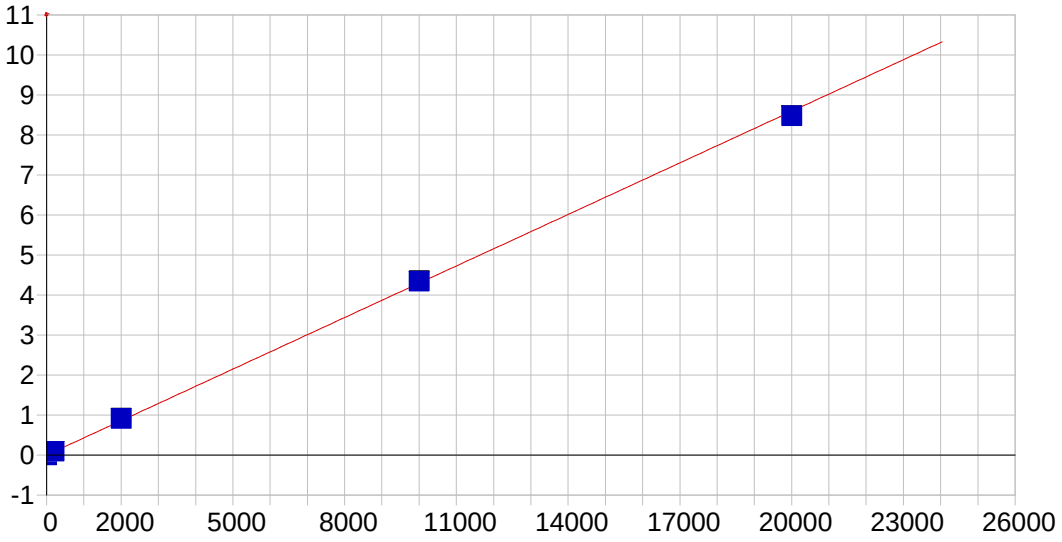


Ag 328.068 {103}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000156	Re-Slope:	1.000000
A1 (Gain):	0.000117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.620038		
Predicted MQL:	2.066793		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00048	.000	.000	-.00016	.000	1
DCAL2	10.000	9.8614	-.139	-1.39	.00100	.000	1
DCAL3	250.00	243.70	-6.30	-2.52	.02841	.000	1
DCAL4	1250.0	1222.1	-27.9	-2.23	.14312	.000	1
DCAL5	2500.0	2534.3	34.3	1.37	.29697	.000	1

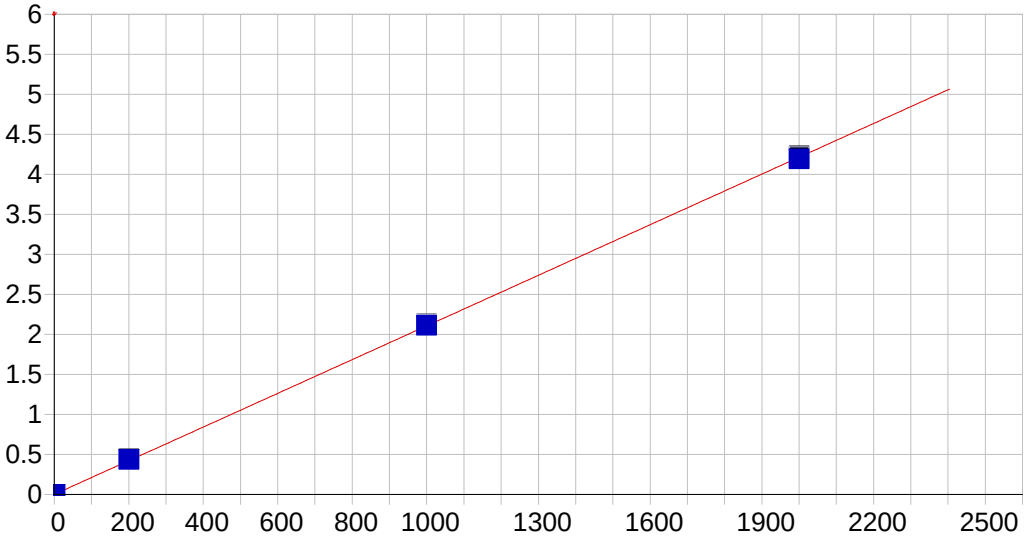


Ba 233.527 {445}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000026	Re-Slope:	1.000000
A1 (Gain):	0.000430	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999767	Status:	OK.
Std Error of Est:	0.000959		
Predicted MDL:	0.221296		
Predicted MQL:	0.737655		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.02981	-.030	.000	-.00004	.000	1
DCAL2	200.00	216.98	17.0	8.49	.09318	.000	1
DCAL3	2000.0	2131.4	131.	6.57	.91500	.001	1
DCAL4	10000.	10117.	117.	1.17	4.3429	.004	1
DCAL5	20000.	19735.	-265.	-1.33	8.4715	.011	1



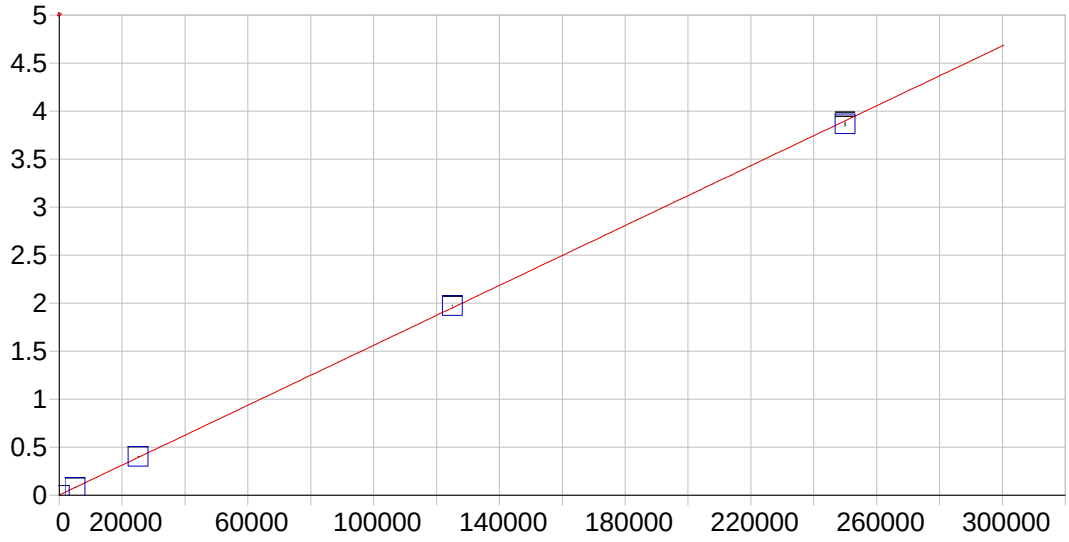
Be 313.042 {108}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000246	Re-Slope:	1.000000

A1 (Gain):	0.002107	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.087553		
Predicted MQL:	0.291843		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00026	-.000	.000	.00025	.000	1
DCAL2	2.0000	2.1948	.195	9.74	.00498	.000	1
DCAL3	200.00	207.44	7.44	3.72	.44003	.000	1
DCAL4	1000.0	1002.5	2.50	.250	2.1261	.001	1
DCAL5	2000.0	1989.9	-10.1	-.507	4.2200	.007	1

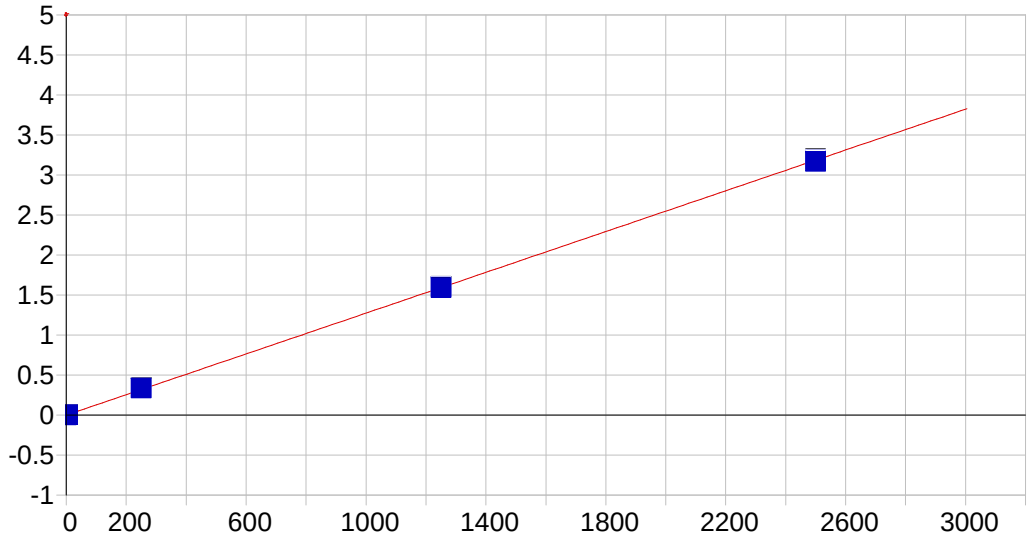


Ca 318.128 {106}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002313	Re-Slope:	1.000000
A1 (Gain):	0.000016	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000338		
Predicted MDL:	4.878118		
Predicted MQL:	16.260393		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.18884	-.189	.000	.00231	.000	1
DCAL2	5000.0	5032.6	32.6	.652	.08077	.000	1
DCAL3	25000.	25711.	711.	2.84	.40315	.001	1
DCAL4	125000.	126450.	1450.	1.16	1.9736	.003	1
DCAL5	250000.	247810.	-2190.	-.876	3.8657	.022	1

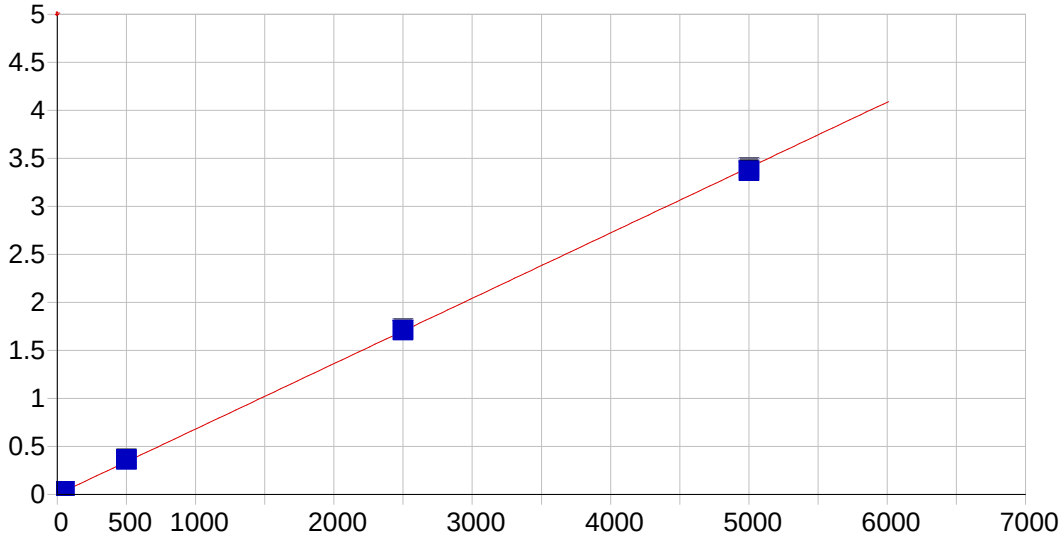


Cd 226.502 {449}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000451	Re-Slope:	1.000000
A1 (Gain):	0.001274	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.114345		
Predicted MQL:	0.381150		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00046	-.000	.000	-.00045	.000	1
DCAL2	4.0000	4.2479	.248	6.20	.00499	.000	1
DCAL3	250.00	264.47	14.5	5.79	.33959	.000	1
DCAL4	1250.0	1250.2	.247	.020	1.6079	.002	1
DCAL5	2500.0	2485.0	-15.0	-.598	3.1965	.002	1



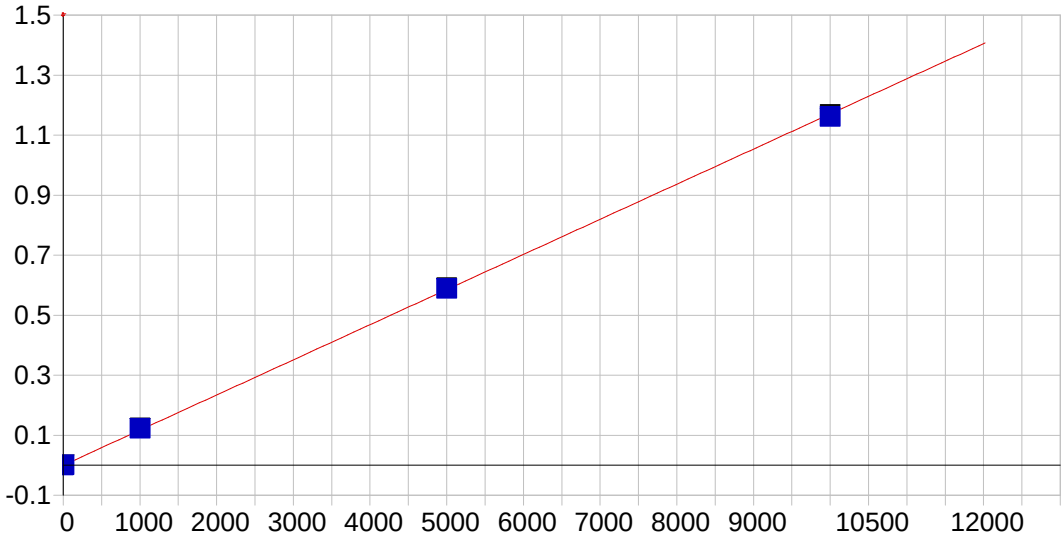
Co 228.616 {447}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000374	Re-Slope:	1.000000

A1 (Gain):	0.000681	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999809	Status:	OK.
Std Error of Est:	0.000347		
Predicted MDL:	0.239930		
Predicted MQL:	0.799765		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00742	-.007	.000	.00037	.000	1
DCAL2	50.000	54.353	4.35	8.71	.03739	.000	1
DCAL3	500.00	533.43	33.4	6.69	.36622	.000	1
DCAL4	2500.0	2510.3	10.3	.410	1.7228	.001	1
DCAL5	5000.0	4952.0	-48.0	-.960	3.3986	.005	1

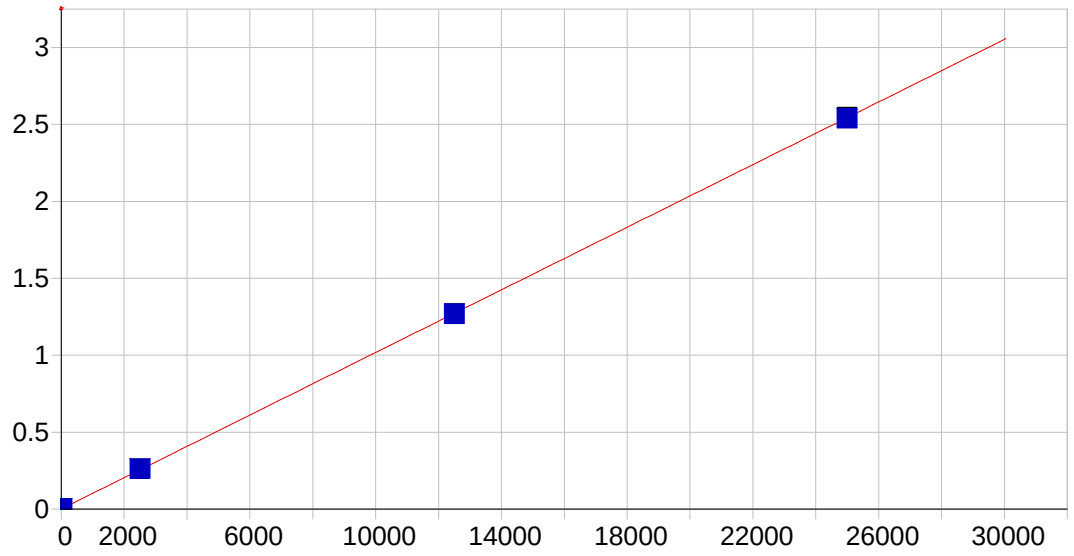


Cr 267.716 {126}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000029	Re-Slope:	1.000000
A1 (Gain):	0.000117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.430070		
Predicted MQL:	1.433566		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00099	-.001	.000	-.00003	.000	1
DCAL2	10.000	10.511	.511	5.11	.00121	.000	1
DCAL3	1000.0	1050.2	50.2	5.02	.12294	.000	1
DCAL4	5000.0	5029.0	29.0	.581	.58884	.001	1
DCAL5	10000.	9920.3	-79.7	-.797	1.1616	.006	1

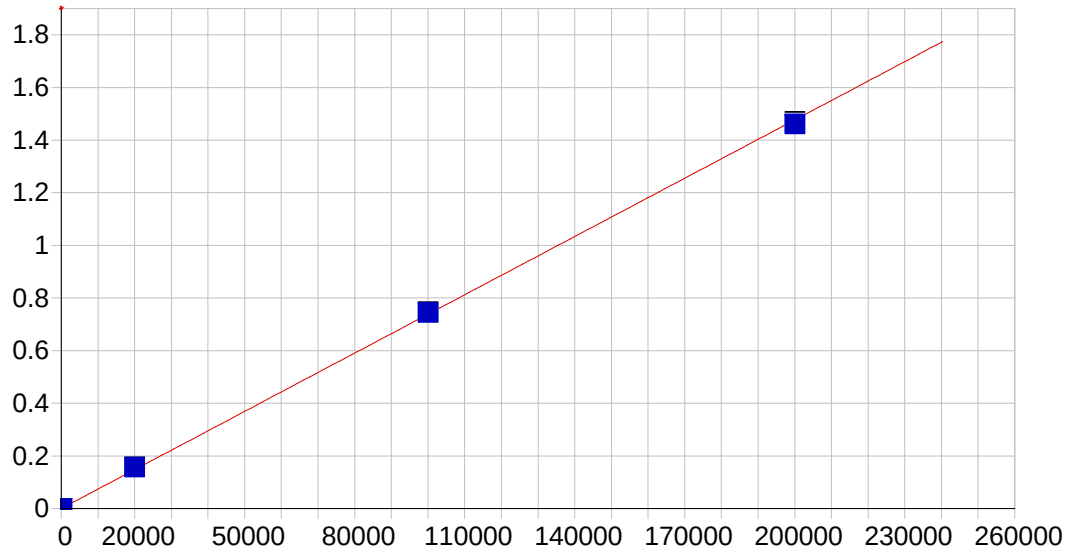


Cu 324.754 {104}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000818	Re-Slope:	1.000000
A1 (Gain):	0.000102	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	1.870695		
Predicted MQL:	6.235650		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00067	.001	.000	.00082	.000	1
DCAL1	10.000	9.6053	-.395	-3.95	.00179	.000	1
DCAL2	25.000	23.776	-1.22	-4.90	.00323	.000	1
DCAL3	2500.0	2563.3	63.3	2.53	.26128	.000	1
DCAL4	12500.	12468.	-32.4	-.259	1.2676	.001	1
DCAL5	25000.	24971.	-29.3	-.117	2.5380	.005	1

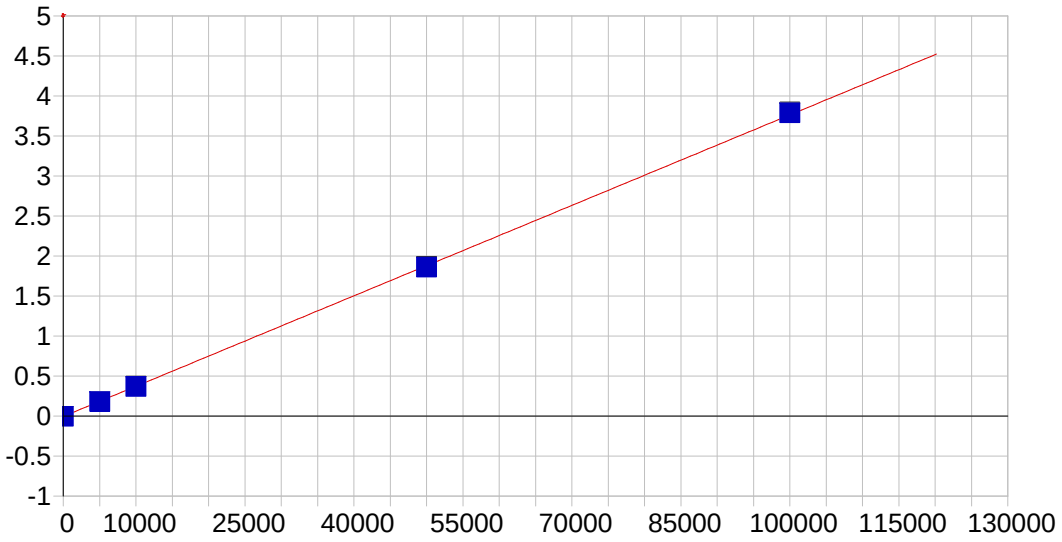


Fe 271.441 {124}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000049	Re-Slope:	1.000000
A1 (Gain):	0.000007	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999801	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	7.676423		
Predicted MQL:	25.588078		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.05285	-.053	.000	.00005	.000	1
DCAL1	100.00	117.95	17.9	17.9	.00092	.000	1
DCAL2	150.00	193.11	43.1	28.7	.00151	.000	1
DCAL3	20000.	21288.	1290.	6.44	.15759	.000	1
DCAL4	100000.	100800.	798.	.798	.74611	.001	1
DCAL5	200000.	197850.	-2150.	-1.07	1.4645	.006	1

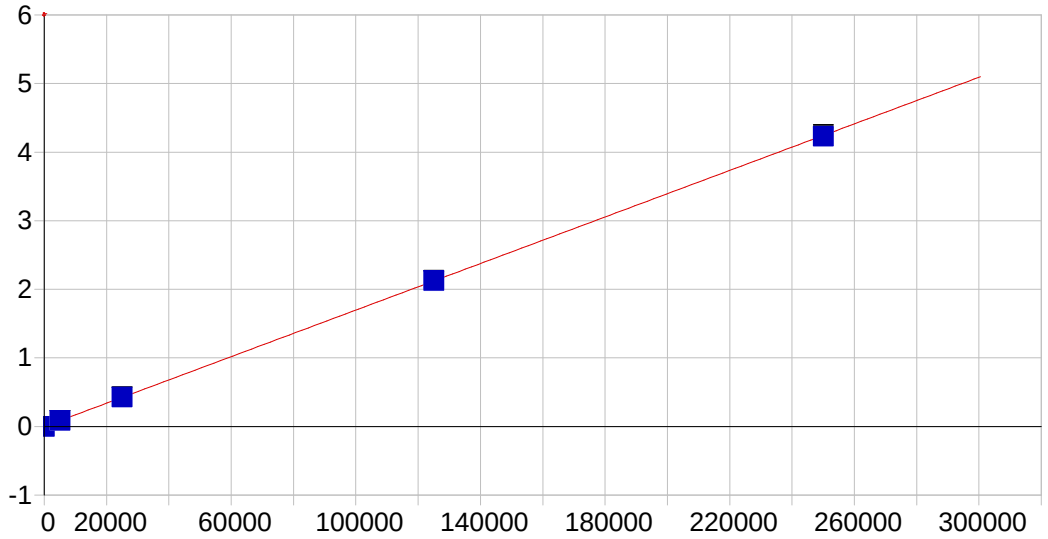


K 766.490 { 44}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005025	Re-Slope:	1.000000
A1 (Gain):	0.000038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000371		
Predicted MDL:	22.950867		
Predicted MQL:	76.502889		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.14216	.142	.000	-.00502	.000	1
DCAL2	5000.0	4917.2	-82.8	-1.66	.18027	.001	1
DCAL3	10000.	9914.8	-85.2	-.852	.36873	.001	1
DCAL4	50000.	49498.	-502.	-1.00	1.8609	.001	1
DCAL5	100000.	100670.	670.	.670	3.7899	.006	1

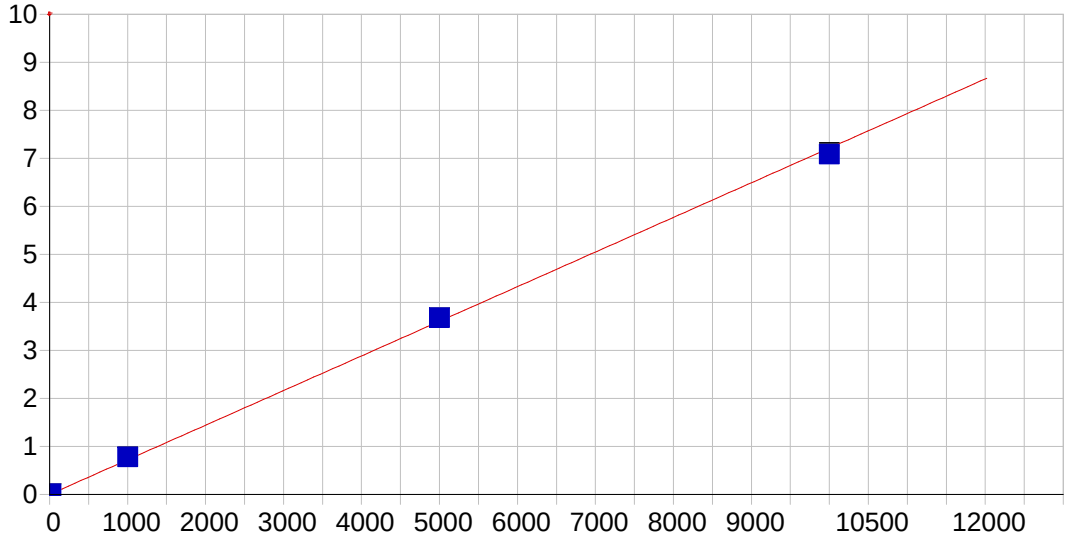


Mg 279.079 {121}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000022	Re-Slope:	1.000000
A1 (Gain):	0.000017	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999992	Status:	OK.
Std Error of Est:	0.000126		
Predicted MDL:	3.344413		
Predicted MQL:	11.148044		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.10599	-.106	.000	-.00002	.000	1
DCAL2	5000.0	5040.7	40.7	.814	.08553	.000	1
DCAL3	25000.	25349.	349.	1.39	.42991	.002	1
DCAL4	125000.	125170.	169.	.135	2.1229	.005	1
DCAL5	250000.	249440.	-558.	-.223	4.2306	.021	1



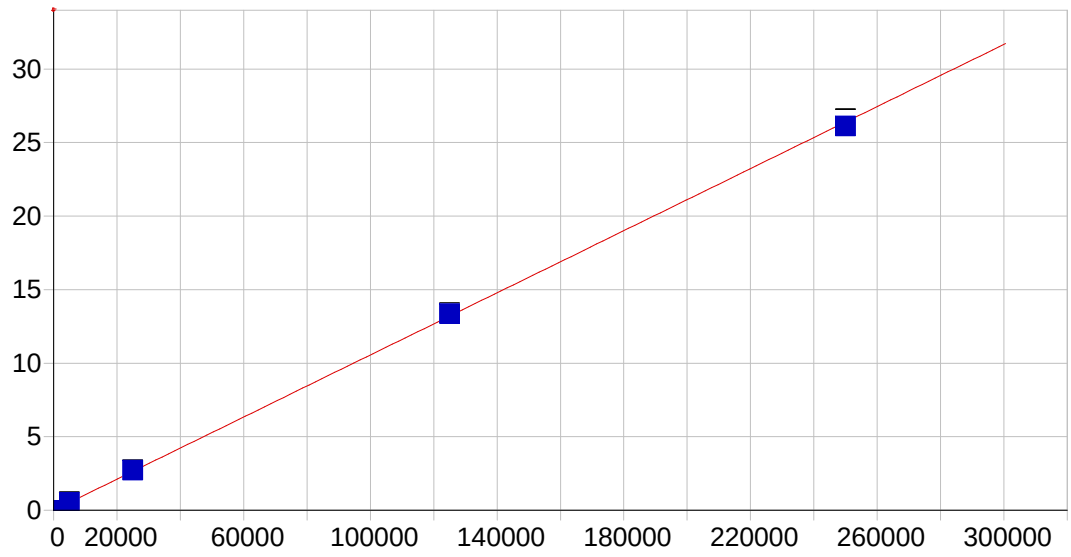
Mn 257.610 {131}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000039	Re-Slope:	1.000000

A1 (Gain):	0.000721	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999636	Status:	OK.
Std Error of Est:	0.000390		
Predicted MDL:	0.063534		
Predicted MQL:	0.211779		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00292	-.003	.000	.00004	.000	1
DCAL2	15.000	16.698	1.70	11.3	.01208	.000	1
DCAL3	1000.0	1079.8	79.8	7.98	.77883	.002	1
DCAL4	5000.0	5097.8	97.8	1.96	3.6768	.008	1
DCAL5	10000.	9820.8	-179.	-1.79	7.0833	.028	1

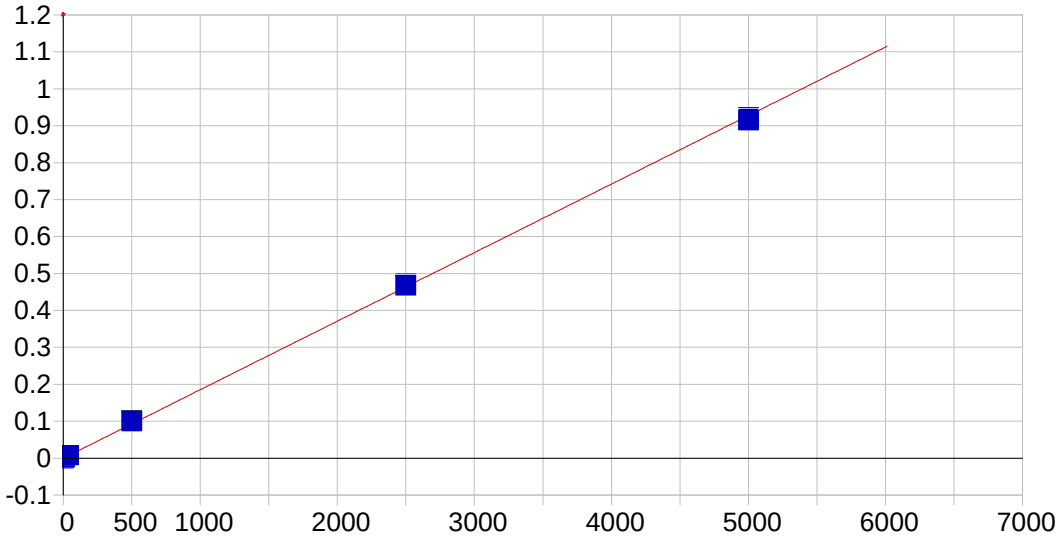


Na 589.592 { 57}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003215	Re-Slope:	1.000000
A1 (Gain):	0.000106	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.002719		
Predicted MDL:	7.479609		
Predicted MQL:	24.932028		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.35721	-.357	.000	.00318	.001	1
DCAL2	5000.0	5182.2	182.	3.64	.55036	.002	1
DCAL3	25000.	25817.	817.	3.27	2.7298	.002	1
DCAL4	125000.	126570.	1570.	1.26	13.371	.038	1
DCAL5	250000.	247430.	-2570.	-1.03	26.135	.465	1

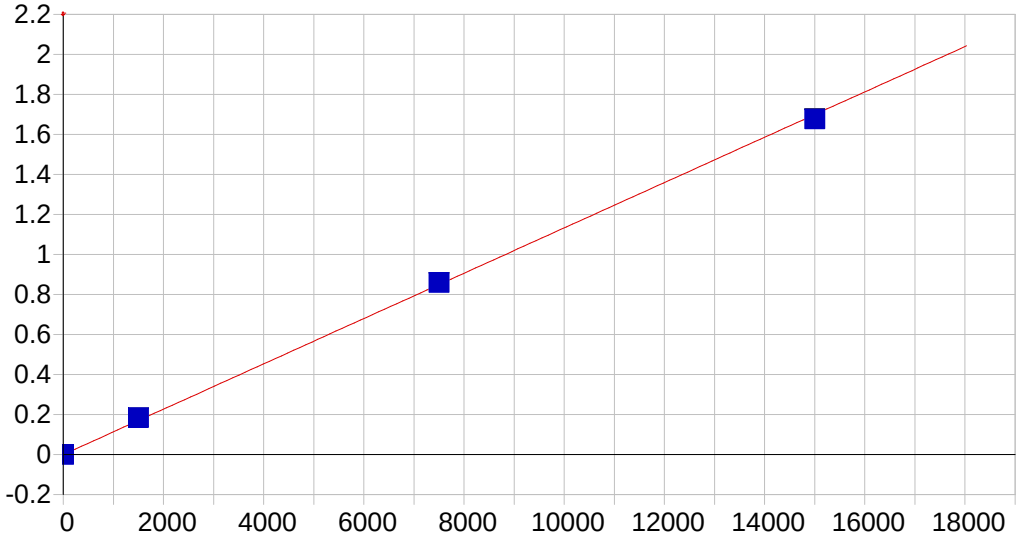


Ni 231.604 {446}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000099	Re-Slope:	1.000000
A1 (Gain):	0.000186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.635171		
Predicted MQL:	2.117236		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00308	-.003	.000	-.00010	.000	1
DCAL1	10.000	11.356	1.36	13.6	.00201	.000	1
DCAL2	40.000	43.938	3.94	9.84	.00808	.000	1
DCAL3	500.00	538.95	38.9	7.79	.10041	.000	1
DCAL4	2500.0	2522.5	22.5	.902	.47048	.001	1
DCAL5	5000.0	4933.2	-66.8	-1.34	.92031	.002	1

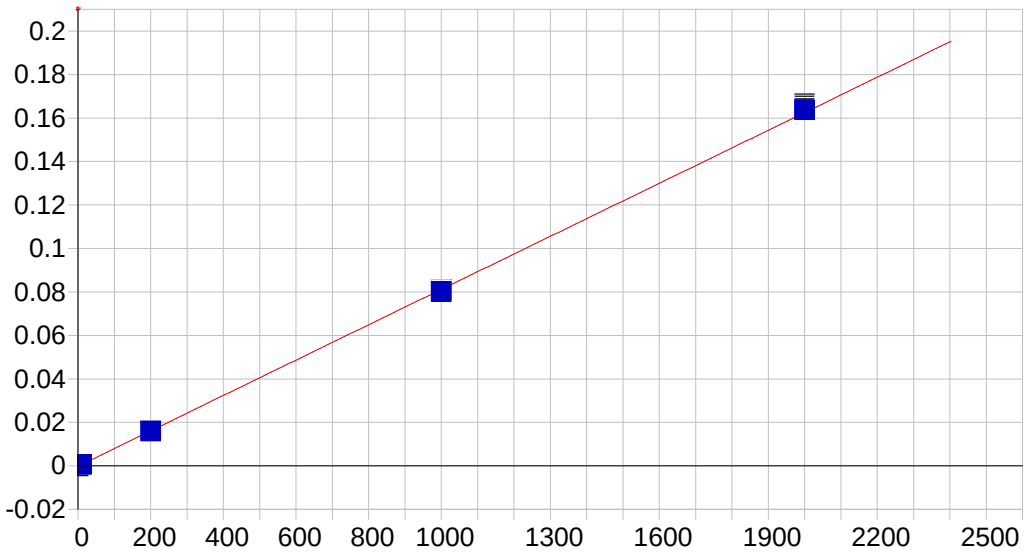


Pb 220.353 {453}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000002	Re-Slope:	1.000000
A1 (Gain):	0.000113	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999722	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	1.280940		
Predicted MQL:	4.269799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00008	.000	.000	-.00000	.000	1
DCAL2	5.0000	4.5265	-.473	-9.47	.00052	.000	1
DCAL3	1500.0	1621.3	121.	8.09	.18360	.000	1
DCAL4	7500.0	7578.8	78.8	1.05	.85825	.001	1
DCAL5	15000.	14800.	-200.	-1.33	1.6760	.002	1

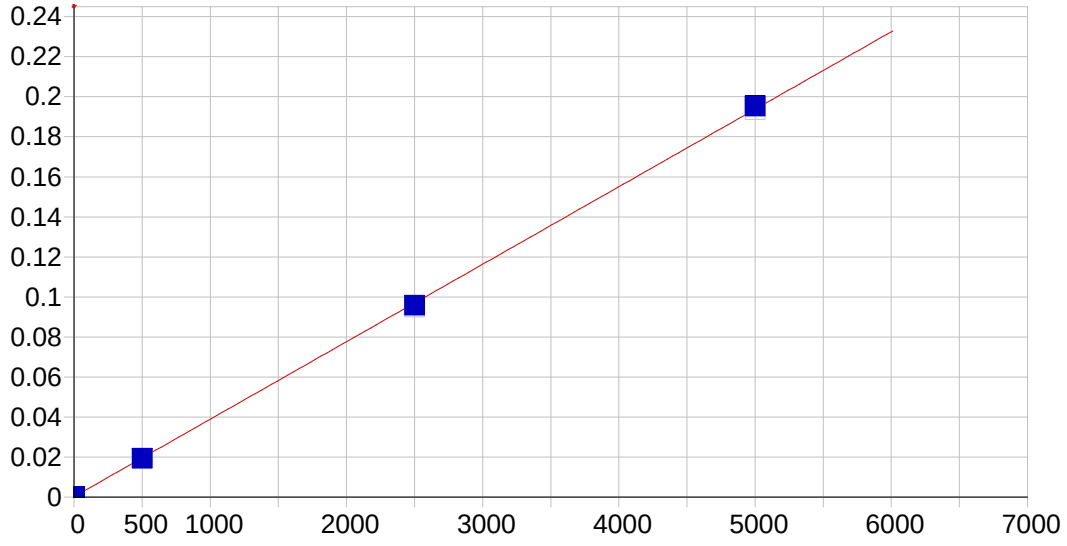


Sb 206.833 {463}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000161	Re-Slope:	1.000000
A1 (Gain):	0.000081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000007		
Predicted MDL:	1.517372		
Predicted MQL:	5.057906		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00118	.001	.000	-.00016	.000	1
DCAL2	10.000	8.9603	-1.04	-10.4	.00057	.000	1
DCAL3	200.00	198.31	-1.69	-.847	.01618	.000	1
DCAL4	1000.0	986.85	-13.2	-1.32	.08118	.000	1
DCAL5	2000.0	2015.9	15.9	.794	.16595	.000	1

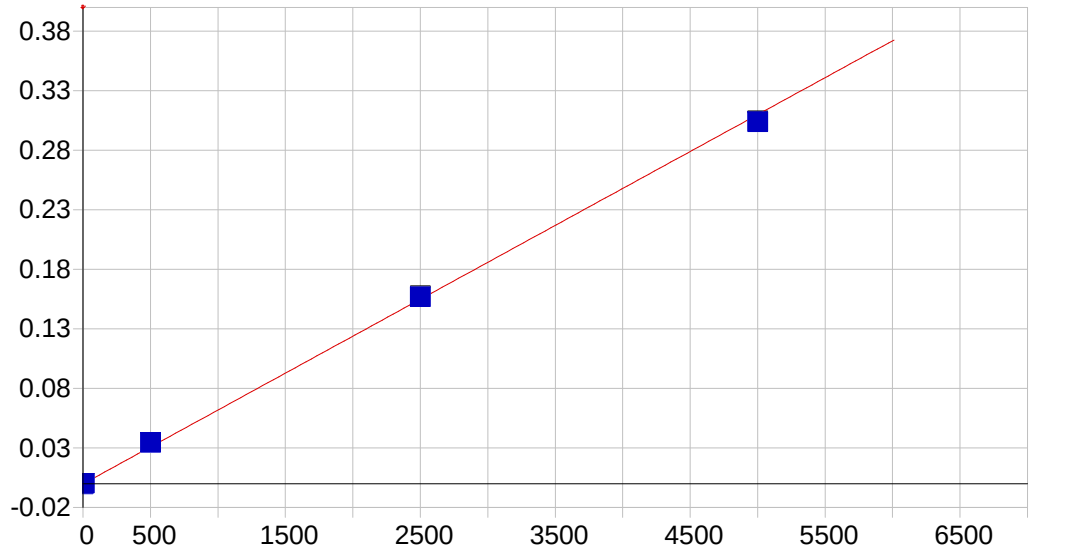


Se 196.090 {472}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000192	Re-Slope:	1.000000
A1 (Gain):	0.000039	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	2.143626		
Predicted MQL:	7.145420		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00054	.001	.000	.00019	.000	1
DCAL2	5.0000	4.5442	-.456	-9.12	.00037	.000	1
DCAL3	500.00	493.70	-6.30	-1.26	.01913	.000	1
DCAL4	2500.0	2467.3	-32.7	-1.31	.09483	.000	1
DCAL5	5000.0	5039.5	39.5	.789	.19353	.000	1



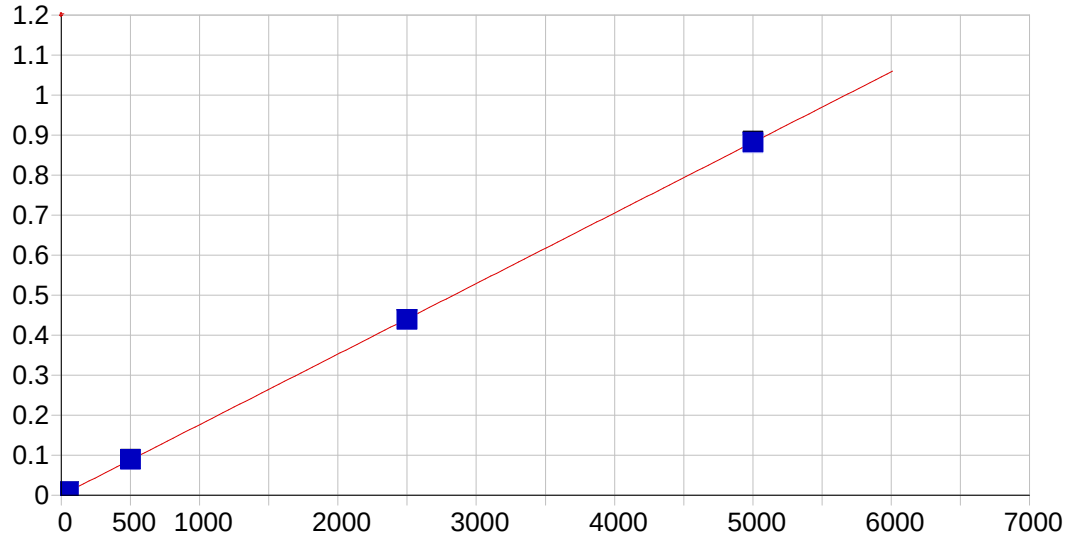
Tl 190.856 {477}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000251	Re-Slope:	1.000000

A1 (Gain):	0.000062	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999374	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	1.467800		
Predicted MQL:	4.892667		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00355	-.004	.000	-.00025	.000	1
DCAL2	10.000	12.413	2.41	24.1	.00052	.000	1
DCAL3	500.00	559.58	59.6	11.9	.03444	.000	1
DCAL4	2500.0	2534.3	34.3	1.37	.15683	.001	1
DCAL5	5000.0	4903.7	-96.3	-1.93	.30367	.001	1

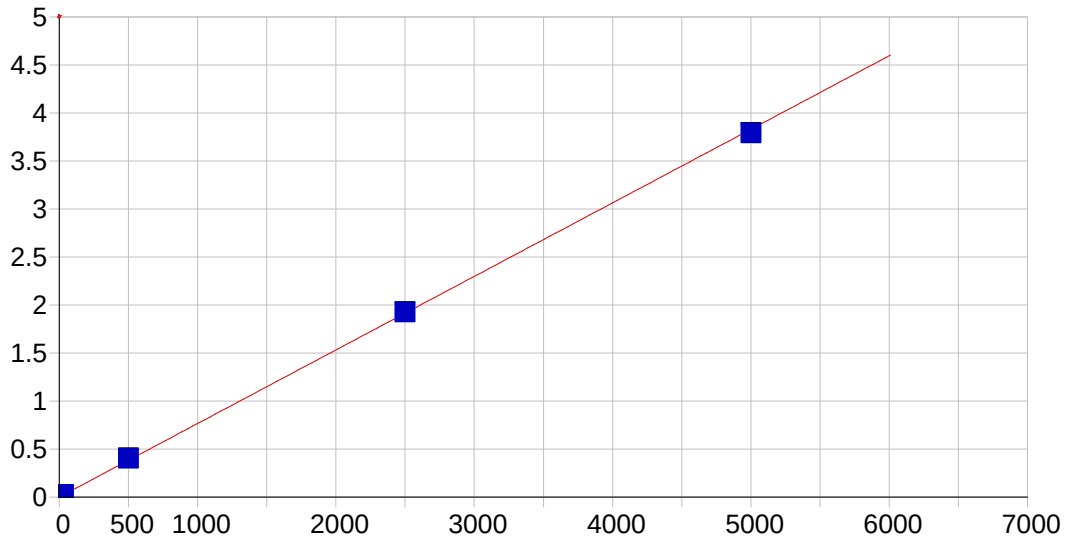


V 292.402 {115}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000077	Re-Slope:	1.000000
A1 (Gain):	0.000176	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000020		
Predicted MDL:	0.358497		
Predicted MQL:	1.194989		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00142	-.001	.000	.00008	.000	1
DCAL2	50.000	50.887	.887	1.77	.00904	.000	1
DCAL3	500.00	507.10	7.10	1.42	.08929	.000	1
DCAL4	2500.0	2490.0	-10.0	-.400	.43813	.000	1
DCAL5	5000.0	5002.0	2.02	.040	.88006	.003	1

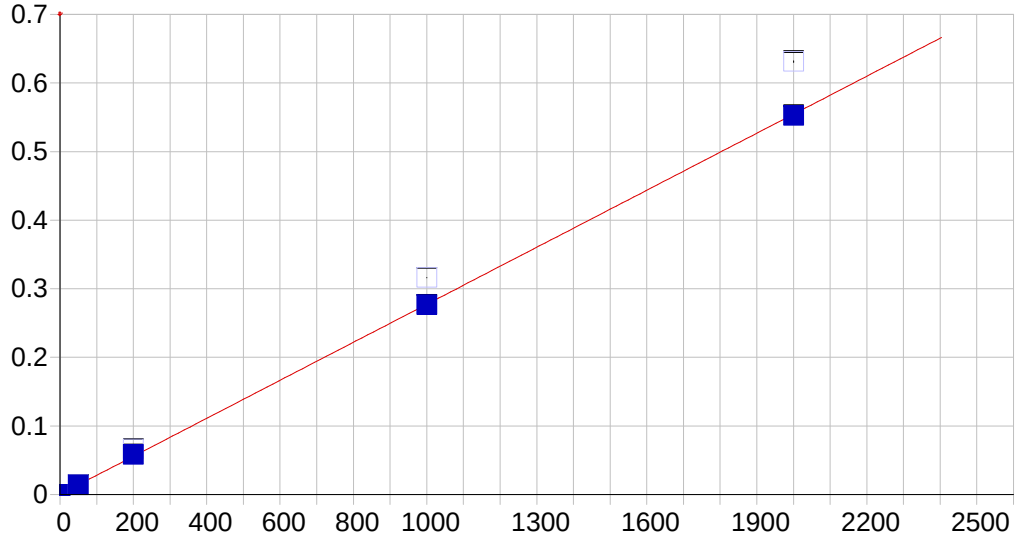


Zn 206.200 {463}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000434	Re-Slope:	1.000000
A1 (Gain):	0.000766	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999819	Status:	OK.
Std Error of Est:	0.000160		
Predicted MDL:	0.159930		
Predicted MQL:	0.533100		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00355	-.004	.000	.00043	.000	1
DCAL2	30.000	33.619	3.62	12.1	.02617	.000	1
DCAL3	500.00	527.97	28.0	5.59	.40398	.000	1
DCAL4	2500.0	2515.2	15.2	.609	1.9227	.002	1
DCAL5	5000.0	4951.4	-48.6	-.973	3.7844	.005	1
DCAL1	10.000	11.817	1.82	18.2	.00949	.000	1

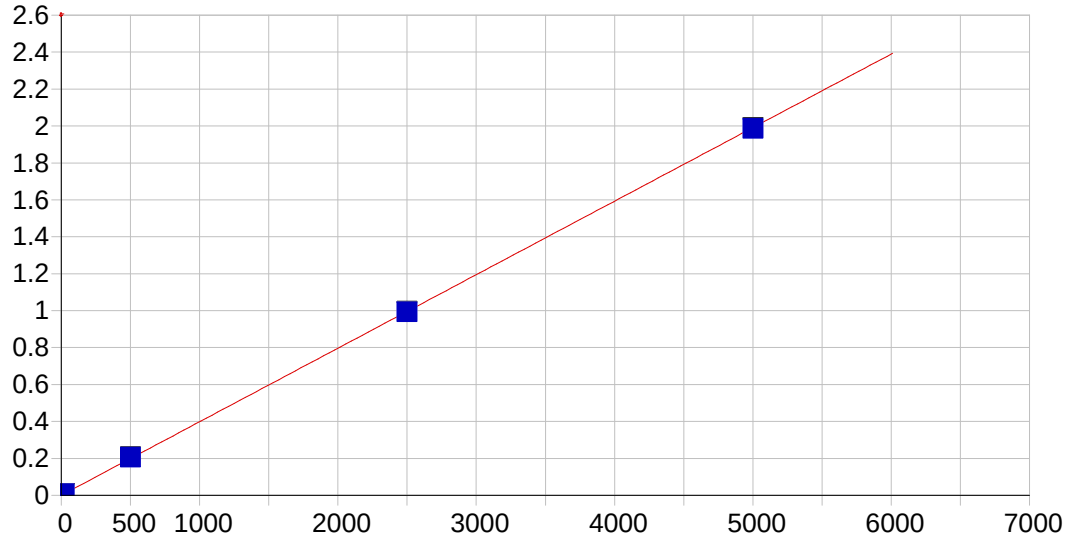


B 208.959 {461}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000291	Re-Slope:	1.000000
A1 (Gain):	0.000277	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.000058		
Predicted MDL:	0.471311		
Predicted MQL:	1.571035		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00221	-.002	.000	.00029	.000	1
DCAL2	50.000	50.049	.049	.097	.01447	.000	1
DCAL3	200.00	209.85	9.85	4.93	.06632	.000	1
DCAL4	1000.0	997.79	-2.21	-.221	.31619	.000	1
DCAL5	2000.0	1992.3	-7.69	-.384	.63118	.001	1

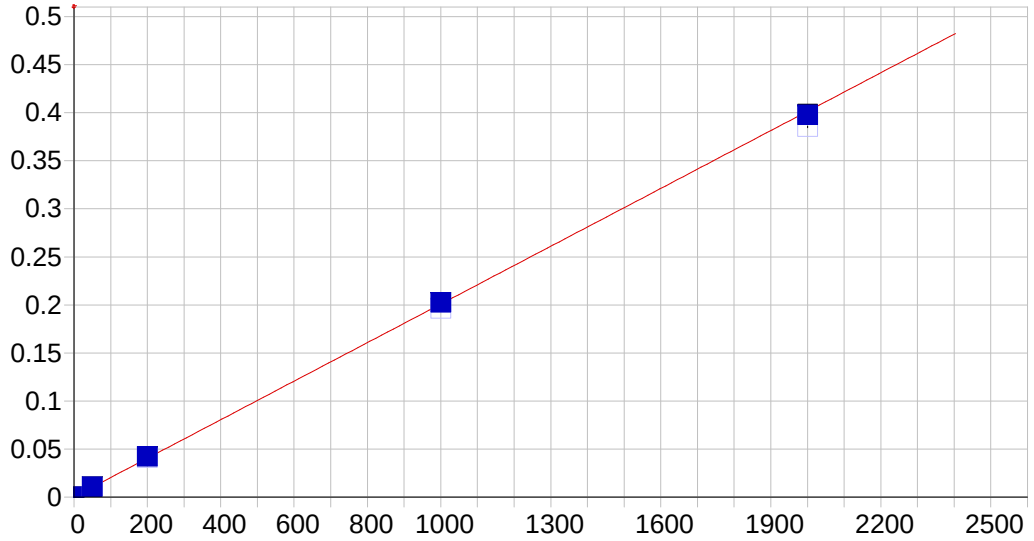


Mo 202.030 {467}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000230	Re-Slope:	1.000000
A1 (Gain):	0.000398	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999959	Status:	OK.
Std Error of Est:	0.000059		
Predicted MDL:	0.240489		
Predicted MQL:	0.801629		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00114	-.001	.000	.00023	.000	1
DCAL2	20.000	20.546	.546	2.73	.00843	.000	1
DCAL3	500.00	517.24	17.2	3.45	.20628	.000	1
DCAL4	2500.0	2493.4	-6.56	-.262	.99356	.002	1
DCAL5	5000.0	4988.8	-11.2	-.225	1.9876	.003	1

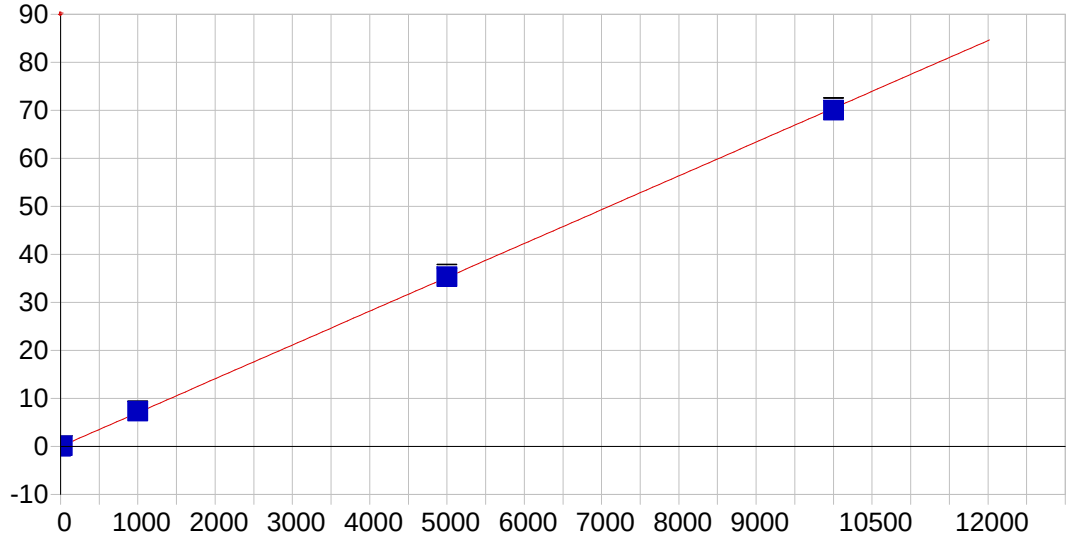


Sn 189.989 {477}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000260	Re-Slope:	1.000000
A1 (Gain):	0.000201	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999876	Status:	OK.
Std Error of Est:	0.000050		
Predicted MDL:	0.446116		
Predicted MQL:	1.487052		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00410	-.004	.000	.00026	.000	1
DCAL2	50.000	51.819	1.82	3.64	.01064	.000	1
DCAL3	200.00	209.48	9.48	4.74	.04105	.000	1
DCAL4	1000.0	1007.7	7.69	.769	.19623	.000	1
DCAL5	2000.0	1981.0	-19.0	-.952	.38529	.001	1



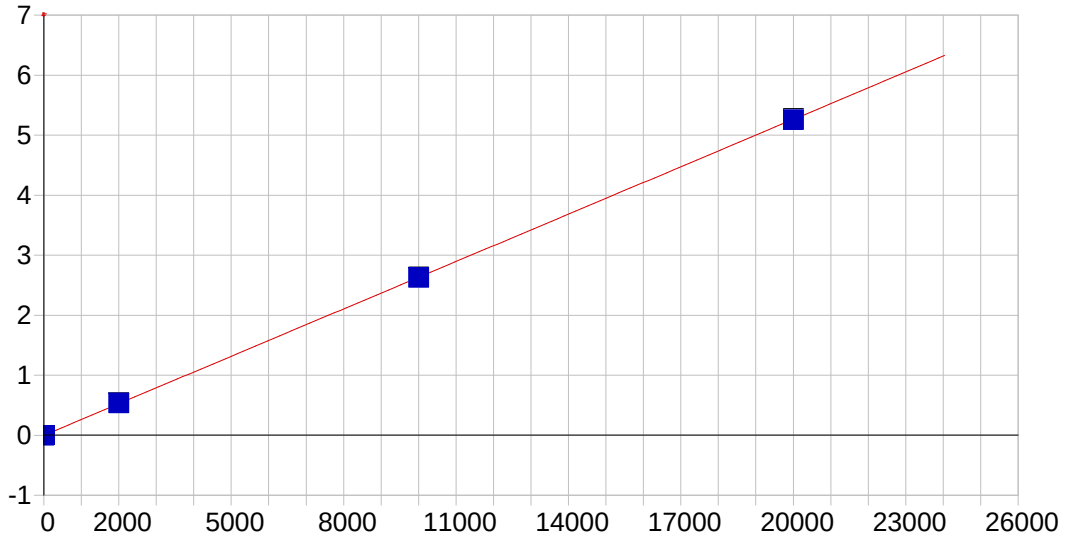
Sr 407.771 { 83}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000101	Re-Slope:	1.000000

A1 (Gain):	0.007044	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999938	Status:	OK.
Std Error of Est:	0.001813		
Predicted MDL:	0.056657		
Predicted MQL:	0.188857		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00172	-.002	.000	.00009	.000	1
DCAL2	20.000	20.987	.987	4.93	.14817	.000	1
DCAL3	1000.0	1038.8	38.8	3.88	7.3274	.007	1
DCAL4	5000.0	5019.9	19.9	.398	35.410	.427	1
DCAL5	10000.	9940.3	-59.7	-.597	70.120	.459	1

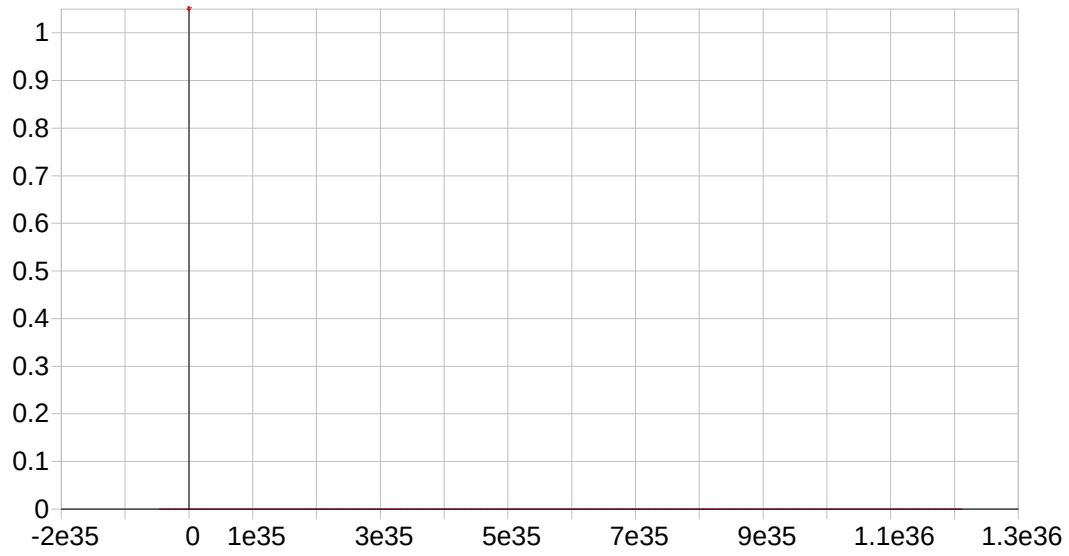


Ti 334.941 {101}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000438	Re-Slope:	1.000000
A1 (Gain):	0.000263	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.815081		
Predicted MQL:	2.716936		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00149	-.001	.000	-.00044	.000	1
DCAL2	20.000	21.100	1.10	5.50	.00512	.000	1
DCAL3	2000.0	2044.7	44.7	2.24	.53830	.001	1
DCAL4	10000.	9985.3	-14.7	-.147	2.6305	.003	1
DCAL5	20000.	19969.	-31.1	-.156	5.2611	.010	1

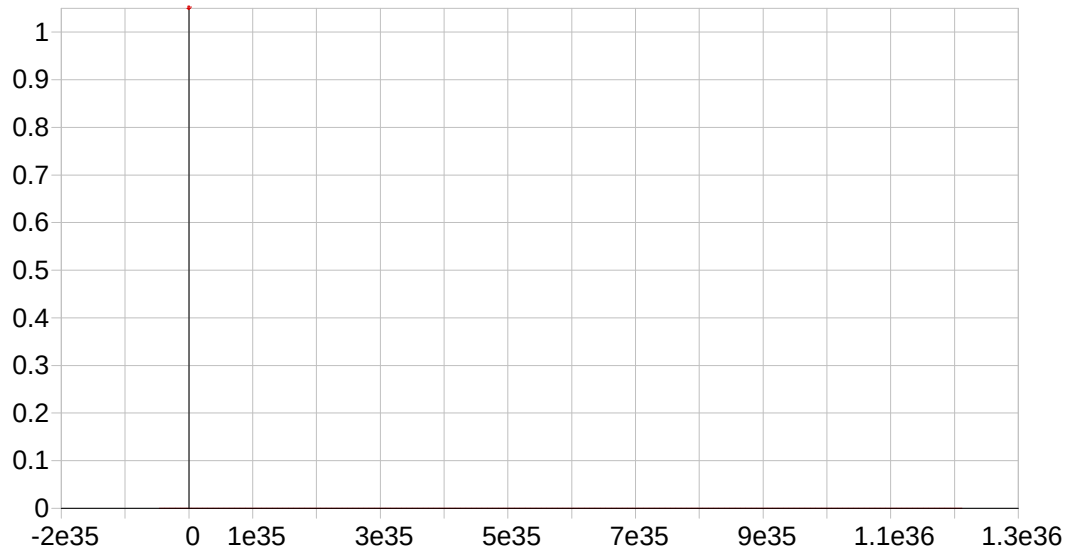


Y 224.306 {450}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	183.492520			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



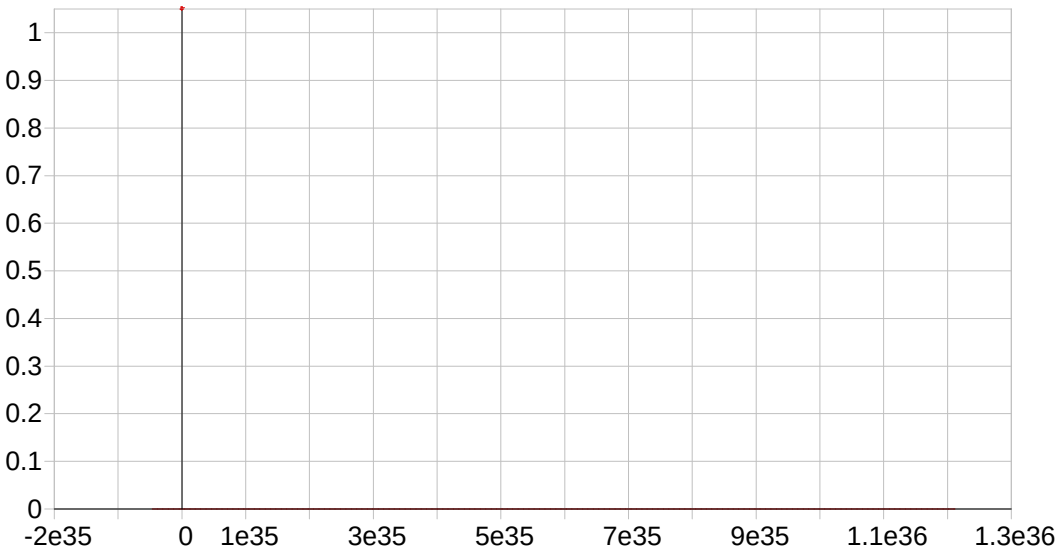
Y 360.073 { 94}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			

Predicted MDL:	n/a
Predicted MQL:	n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

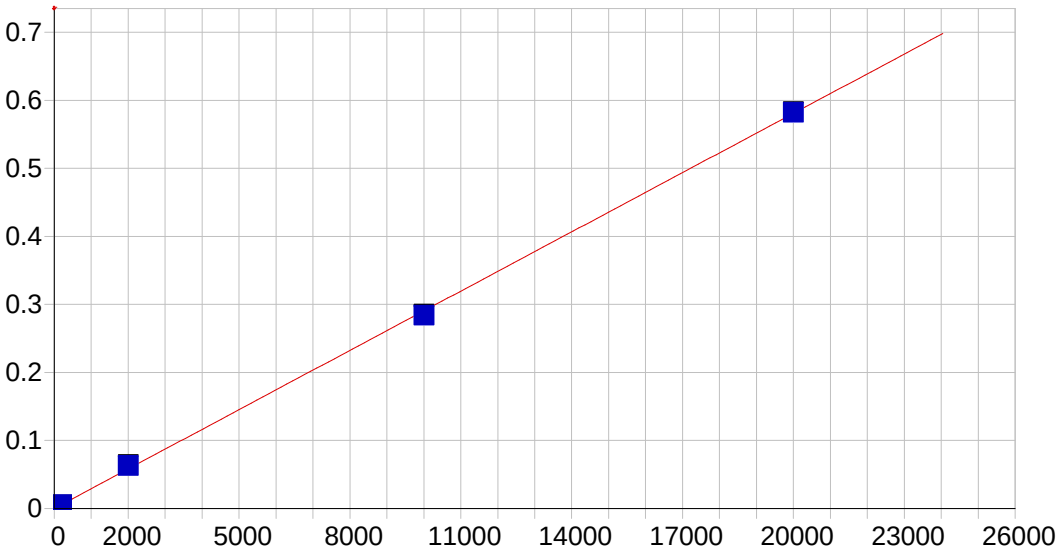


Y 371.030 { 91}*

Date of Fit:	8/3/2013 15:54:34	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000	
A1 (Gain):	0.000000	Y-int:	0.000000	
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	192.759705			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Si 288.158 {117}

Date of Fit:	8/8/2013 10:20:21	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000230	Re-Slope:	1.000000
A1 (Gain):	0.000029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999713	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	13.683154		
Predicted MQL:	45.610512		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00586	-.006	.000	.00023	.000	1
DCAL2	200.00	193.25	-6.75	-3.37	.00584	.000	1
DCAL3	2000.0	2163.4	163.	8.17	.06294	.001	1
DCAL4	10000.	9783.5	-216.	-2.16	.28376	.001	1
DCAL5	20000.	20060.	59.8	.299	.58159	.000	1

Sample Name: CAL_BLK Acquired: 8/8/2013 9:58:17 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0009	-.0003	-.0002	-.0000	.0002	.0023
Stddev	.0003	.0000	.0000	.0000	.0001	.0001
%RSD	30.72	15.30	24.34	72.89	54.92	3.187

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0005	.0004	-.0000	.0008	.0000	-.0050
Stddev	.0001	.0002	.0000	.0001	.0000	.0004
%RSD	12.73	44.35	34.18	13.43	69.64	8.506

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0000	.0000	.0032	-.0001	-.0000	-.0002
Stddev	.0000	.0000	.0006	.0001	.0001	.0001
%RSD	198.4	76.67	19.44	142.6	8185.	87.08

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0002	-.0003	.0001	.0004	.0003	.0002
Stddev	.0000	.0000	.0001	.0000	.0002	.0001
%RSD	17.31	12.72	71.34	6.333	55.49	24.66

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0003	.0001	-.0004	.0002
Stddev	.0000	.0001	.0001	.0002
%RSD	14.76	117.7	22.85	94.11

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6422.6	70138.	16774.
Stddev	5.4	299.	50.
%RSD	.08348	.42687	.29796

Sample Name: DCAL1 Acquired: 8/8/2013 10:02:01 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Cu3247	Fe2714	Ni2316	Zn2062
Line	324.754 {104}	271.441 {124}	231.604 {446}	206.200 {463}
IS Ref	(Y_3710)	(Y_3600)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0018	.0009	.0020	.0095
Stddev	.0002	.0001	.0002	.0001
%RSD	8.486	6.042	7.509	.7708

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6423.4	70577.	16880.
Stddev	9.3	165.	170.
%RSD	.14523	.23308	1.0044

Sample Name: DCAL2 Acquired: 8/8/2013 10:05:44 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0051	-.0000	.0010	.0932	.0050	.0808
Stddev	.0002	.0001	.0001	.0004	.0002	.0002
%RSD	3.311	800.6	6.923	.4635	3.082	.2500

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0050	.0374	.0012	.0032	.0015	.1803
Stddev	.0002	.0002	.0000	.0000	.0000	.0008
%RSD	3.251	.6034	2.482	1.508	2.708	.4630

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0855	.0121	.5504	.0081	.0005	.0006
Stddev	.0003	.0000	.0016	.0002	.0002	.0001
%RSD	.2932	.3202	.2949	2.560	29.71	17.10

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0005	.0090	.0262	.0145	.0084
Stddev	.0001	.0000	.0001	.0000	.0002	.0000
%RSD	20.06	4.621	.6950	.1055	1.065	.4289

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0106	.1482	.0051	.0058
Stddev	.0001	.0001	.0001	.0002
%RSD	1.003	.0394	2.836	3.961

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6390.5	70098.	17005.
Stddev	12.3	104.	98.
%RSD	.19289	.14857	.57526

Sample Name: DCAL3 Acquired: 8/8/2013 10:09:22 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7035	.0286	.0284	.9150	.4400	.4032
Stddev	.0011	.0001	.0001	.0006	.0001	.0014
%RSD	.1572	.4297	.2203	.0605	.0297	.3350

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3396	.3662	.1229	.2613	.1576	.3687
Stddev	.0001	.0005	.0004	.0001	.0004	.0013
%RSD	.0208	.1326	.2951	.0312	.2247	.3621

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.4299	.7788	2.730	.1004	.1836	.0162
Stddev	.0018	.0022	.002	.0001	.0003	.0001
%RSD	.4115	.2852	.0662	.0642	.1393	.6403

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0191	.0344	.0893	.4040	.0663	.2063
Stddev	.0001	.0001	.0001	.0003	.0003	.0003
%RSD	.5146	.1702	.1060	.0659	.4705	.1288

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0410	7.327	.5383	.0629
Stddev	.0000	.007	.0007	.0009
%RSD	.0526	.0905	.1367	1.404

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6313.7	68466.	17004.
Stddev	3.2	246.	34.
%RSD	.05060	.35872	.19994

Sample Name: DCAL4 Acquired: 8/8/2013 10:12:48 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.487	.1441	.1431	4.343	2.126	1.974
Stddev	.006	.0006	.0002	.004	.001	.003
%RSD	.1797	.4442	.1374	.0913	.0676	.1610

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.608	1.723	.5888	1.268	.7461	1.861
Stddev	.002	.001	.0009	.001	.0010	.001
%RSD	.0992	.0599	.1597	.1138	.1377	.0741

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.123	3.677	13.37	.4705	.8582	.0812
Stddev	.005	.008	.04	.0008	.0010	.0000
%RSD	.2456	.2210	.2851	.1662	.1109	.0595

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0948	.1568	.4381	1.923	.3162	.9936
Stddev	.0001	.0006	.0004	.002	.0004	.0025
%RSD	.0925	.3646	.1012	.1086	.1331	.2504

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1962	35.41	2.631	.2838
Stddev	.0002	.43	.003	.0014
%RSD	.1026	1.205	.1047	.4790

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5975.3	64898.	16666.
Stddev	13.3	79.	78.
%RSD	.22229	.12105	.46758

Sample Name: DCAL5 Acquired: 8/8/2013 10:16:23 Type: Cal
Method: 07302013(v3) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.045	.2968	.2970	8.472	4.220	3.866
Stddev	.083	.0003	.0002	.011	.007	.022
%RSD	1.171	.0865	.0752	.1308	.1662	.5611

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.196	3.399	1.162	2.538	1.465	3.790
Stddev	.002	.005	.006	.005	.006	.006
%RSD	.0730	.1384	.4878	.1882	.4028	.1697

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.231	7.083	26.13	.9203	1.676	.1660
Stddev	.021	.029	.46	.0016	.002	.0005
%RSD	.5017	.4021	1.779	.1785	.1005	.2833

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1935	.3037	.8801	3.784	.6312	1.988
Stddev	.0003	.0005	.0029	.005	.0012	.003
%RSD	.1652	.1801	.3282	.1238	.1882	.1606

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3853	70.12	5.261	.5816
Stddev	.0007	.46	.010	.0002
%RSD	.1945	.6549	.1861	.0371

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5692.4	62443.	16330.
Stddev	16.1	310.	22.
%RSD	.28344	.49684	.13359

Sample Name: ICV Acquired: 8/8/2013 10:20:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121600.	2415.	1209.	9956.	982.5	124800.
Stddev	276.	4.	2.	8.	1.9	186.
%RSD	.2272	.1745	.2067	.0843	.1982	.1487
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1225.	2472.	4940.	12230.	99180.	48920.
Stddev	1.	2.	2.	20.	95.	78.
%RSD	.1048	.0996	.0331	.1626	.0954	.1586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123300.	4999.	124600.	2485.	7469.	976.5
Stddev	152.	14.	110.	2.	13.	1.6
%RSD	.1232	.2869	.0884	.0740	.1686	.1678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2437.	2484.	2443.	2489.	961.8	2474.
Stddev	3.	3.	3.	5.	1.0	3.
%RSD	.1199	.1352	.1208	.2055	.1037	.1294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 8/8/2013 10:20:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4947.	9887.	9434.
Stddev	1.	65.	19.	108.
%RSD	.0566	1.310	.1908	1.146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5985.3	65181.	16590.
Stddev	3.5	87.	51.
%RSD	.05826	.13296	.30448

Sample Name: ICB Acquired: 8/8/2013 10:24:02 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.32	.5640	.6866	1.063	.2790	15.02
Stddev	5.49	.2477	.3816	.409	.0482	6.87
%RSD	38.31	43.91	55.57	38.52	17.28	45.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1225	.4456	1.021	.4368	17.66	29.76
Stddev	.0868	.1634	.076	1.486	.60	13.01
%RSD	70.88	36.66	7.412	340.1	3.396	43.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.86	.6705	7.971	.3332	1.288	1.505
Stddev	4.47	.3006	19.51	.2627	.965	1.201
%RSD	28.17	44.83	244.8	78.86	74.93	79.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.901	3.431	.3601	.3082	3.272	6.011
Stddev	.529	.120	.4976	.1531	.949	1.288
%RSD	13.56	3.496	138.2	49.68	29.00	21.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICB Acquired: 8/8/2013 10:24:02 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0079	.6182	2.814	16.13
Stddev	.4309	.3011	.133	6.38
%RSD	5480.	48.71	4.719	39.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6530.6	71166.	17015.
Stddev	6.0	197.	71.
%RSD	.09145	.27741	.41934

Sample Name: ICSA 2301361 Acquired: 8/8/2013 10:27:45 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	491600.	-2.113	1.735	-.8786	.1451	490100.
Stddev	8483.	.897	.469	.1346	.0382	2761.
%RSD	1.726	42.47	27.06	15.32	26.34	.5632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1140	-3.160	-1.835	-.8601	192100.	-38.86
Stddev	.0725	.196	.137	.9651	956.	7.42
%RSD	63.62	6.201	7.446	112.2	.4977	19.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	491000.	1.411	-33.64	-.9549	-3.394	-4.138
Stddev	1317.	.015	3.28	.5119	1.896	1.110
%RSD	.2683	1.031	9.735	53.61	55.86	26.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.485	-7.841	-3.915	.5314	2.255	2.362
Stddev	1.114	1.904	.251	.0747	.600	.844
%RSD	75.01	24.28	6.423	14.06	26.61	35.71
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 2301361 Acquired: 8/8/2013 10:27:45 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-3.227	.4505	3.547	2.120
Stddev	.338	.0305	.653	19.34
%RSD	10.46	6.764	18.41	912.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5739.3	61576.	16241.
Stddev	23.3	277.	135.
%RSD	.40554	.44944	.83301

Sample Name: ICSAB 2301381 Acquired: 8/8/2013 10:31:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	485400.	93.24	104.3	98.08	96.45	484900.
Stddev	3630.	4.08	.9	.53	.55	1898.
%RSD	.7478	4.374	.8397	.5403	.5659	.3915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	96.73	90.55	94.80	96.56	190700.	9871.
Stddev	.26	.14	.65	2.58	156.	26.
%RSD	.2646	.1515	.6893	2.673	.0819	.2631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	487300.	101.4	10270.	90.31	89.47	87.77
Stddev	595.	.2	12.	1.13	2.58	2.14
%RSD	.1221	.1754	.1144	1.246	2.884	2.439
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	89.68	86.43	91.67	94.81	100.4	96.48
Stddev	1.92	.94	.73	.65	1.1	.54
%RSD	2.136	1.087	.7927	.6901	1.133	.5578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 2301381 Acquired: 8/8/2013 10:31:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	88.47	98.41	101.2	108.1
Stddev	.53	.27	.5	14.1
%RSD	.5975	.2747	.5426	13.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5730.5	61572.	16190.
Stddev	12.2	78.	24.
%RSD	.21365	.12706	.15023

Sample Name: INT-10 2301383 Acquired: 8/8/2013 10:35:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27.03	1.868	-.2485	-4.313	-3.525	49.09
Stddev	17.12	1.241	.4831	.187	.064	8.35
%RSD	63.35	66.44	194.4	4.325	1.809	17.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2173	10730.	10370.	-5.983	-6.184	10.33
Stddev	.0383	4.	15.	1.687	7.381	16.82
%RSD	17.64	.0407	.1460	28.19	119.4	162.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	74.45	10220.	31.03	10810.	.2403	-4.102
Stddev	8.27	18.	2.50	4.	1.533	1.890
%RSD	11.11	.1768	8.054	.0404	638.1	46.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-6.093	-9.113	4925.	-4.903	-3.729	5035.
Stddev	.769	.820	2.	.092	.089	4.
%RSD	12.62	8.996	.0367	1.886	2.395	.0841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 2301383 Acquired: 8/8/2013 10:35:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	10260.	9771.	9857.	9636.
Stddev	4.	117.	5.	278.
%RSD	.0370	1.193	.0517	2.885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6383.9	70124.	16876.
Stddev	6.4	234.	42.
%RSD	.10033	.33423	.25127

Sample Name: 460-60706-i-5-b du Acquired: 8/8/2013 10:39:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	483.9	-2.473	.4459	164.0	.0943	74840.
Stddev	4.4	.316	.4239	.3	.0782	267.
%RSD	.8998	12.78	95.07	.1530	82.90	.3562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1067	.5007	1.870	.5814	1531.	6090.
Stddev	.0431	.1252	.252	.5213	4.	22.
%RSD	40.39	25.00	13.47	89.66	.2673	.3681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28550.	365.2	14870.	1.185	-.6890	.6918
Stddev	81.	.2	13.	.472	.7178	1.232
%RSD	.2837	.0643	.0863	39.79	104.2	178.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4697	.6667	1.701	2.825	66.14	12.70
Stddev	1.161	1.451	.357	.142	.34	2.00
%RSD	247.2	217.7	20.99	5.040	.5173	15.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-5-b du Acquired: 8/8/2013 10:39:29 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	2.877	222.4	48.53	8672.
Stddev	.363	.4	.69	22.
%RSD	12.63	.1853	1.425	.2512
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6255.0	68326.	16992.
Stddev	16.8	160.	18.
%RSD	.26806	.23370	.10842

Sample Name: 460-60706-i-5-a Acquired: 8/8/2013 10:43:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	484.5	-.7798	.8539	166.0	.0370	75970.
Stddev	6.6	1.166	.3949	.7	.0866	103.
%RSD	1.365	149.5	46.25	.4198	234.1	.1358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0376	.2521	1.704	1.738	1543.	6162.
Stddev	.0084	.1006	.436	.572	12.	27.
%RSD	22.22	39.91	25.61	32.92	.7731	.4412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28990.	371.0	15100.	.5466	-.8437	-.4592
Stddev	67.	1.1	24.	1.049	1.202	.5645
%RSD	.2328	.2834	.1617	191.9	142.5	122.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0847	2.739	1.330	3.496	67.05	3.190
Stddev	1.742	1.320	.022	.180	.18	.630
%RSD	2056.	48.17	1.656	5.142	.2613	19.75
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-5-a Acquired: 8/8/2013 10:43:08 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.5764	225.6	46.66	8799.
Stddev	.1069	.4	.52	5.
%RSD	18.54	.1871	1.104	.0535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6243.3	68471.	16994.
Stddev	10.5	196.	20.
%RSD	.16805	.28639	.11934

Sample Name: sd 460-60706-i-5-a@5 Acquired: 8/8/2013 10:46:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	102.3	-.4260	.2803	32.44	.1621	14510.
Stddev	3.6	.1074	.8169	.16	.1016	48.
%RSD	3.481	25.22	291.5	.4806	62.71	.3335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0395	.1621	.7689	1.367	306.4	1207.
Stddev	.0933	.2293	.2097	.326	5.9	15.
%RSD	236.2	141.4	27.28	23.85	1.917	1.226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5699.	73.87	2891.	.5369	-.6200	.1931
Stddev	5.	.28	4.	.0591	1.285	.8532
%RSD	.0791	.3732	.1532	11.01	207.2	441.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.323	2.400	.2473	5.861	13.25	1.057
Stddev	1.318	.447	.0565	.045	.06	.558
%RSD	99.60	18.63	22.83	.7714	.4881	52.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60706-i-5-a@5 Acquired: 8/8/2013 10:46:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0011	44.04	9.584	1666.
Stddev	.3665	.08	.224	8.
%RSD	34800.	.1764	2.342	.4606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6458.8	70347.	17079.
Stddev	5.3	228.	59.
%RSD	.08252	.32442	.34451

Sample Name: 460-60706-i-5-c ms Acquired: 8/8/2013 10:50:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2581.	1926.	47.70	2194.	50.22	93200.
Stddev	8.	3.	1.42	3.	.15	143.
%RSD	.3229	.1446	2.973	.1226	.3015	.1532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.73	497.3	202.1	243.6	2549.	25280.
Stddev	.14	.7	.2	1.6	5.	43.
%RSD	.2734	.1440	.1055	.6658	.2055	.1698
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47580.	866.8	34930.	506.3	506.9	445.1
Stddev	51.	1.1	14.	1.5	2.4	2.5
%RSD	.1072	.1288	.0401	.2914	.4726	.5685
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1890.	2110.	483.6	499.7	552.1	489.7
Stddev	5.	3.	.5	.9	2.5	.5
%RSD	.2438	.1637	.1126	.1805	.4595	.1064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-5-c ms Acquired: 8/8/2013 10:50:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	500.1	700.6	540.4	8823.
Stddev	.6	.3	2.5	46.
%RSD	.1222	.0463	.4634	.5207
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6176.8	67428.	16924.
Stddev	8.9	153.	77.
%RSD	.14362	.22725	.45290

Sample Name: Z pds 460-60706-i-5 Acquired: 8/8/2013 10:53:49 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4454.	3769.	94.19	4124.	98.21	111200.
Stddev	25.	3.	.87	2.	.25	60.
%RSD	.5529	.0711	.9235	.0521	.2534	.0538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.20	966.6	393.8	476.5	3482.	43910.
Stddev	.13	1.2	2.7	1.7	4.	143.
%RSD	.1322	.1225	.6764	.3621	.1082	.3258
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66140.	1346.	54120.	984.9	985.7	868.5
Stddev	58.	1.	96.	.9	2.1	2.9
%RSD	.0883	.0719	.1782	.0929	.2089	.3322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3759.	4075.	945.6	972.2	1022.	956.0
Stddev	6.	2.	1.2	1.3	1.	1.1
%RSD	.1524	.0582	.1254	.1366	.1243	.1114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: Z pds 460-60706-i-5 Acquired: 8/8/2013 10:53:49 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	973.9	1162.	1015.	8777.
Stddev	.6	4.	2.	34.
%RSD	.0601	.3099	.2202	.3850
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6117.5	66763.	16870.
Stddev	3.1	154.	40.
%RSD	.05041	.23106	.23563

Sample Name: 460-60690-c-7-b Acquired: 8/8/2013 10:57:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.729	1.490	.3699	.2934	.2206	20.09
Stddev	7.513	1.102	.1259	.1393	.0475	5.71
%RSD	201.5	73.93	34.05	47.47	21.55	28.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0094	.1459	.3195	-.2624	2.908	15.62
Stddev	.1268	.1484	.2328	1.004	10.59	3.22
%RSD	1343.	101.7	72.88	382.6	364.1	20.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.888	.2290	-9.681	.2567	.4447	1.952
Stddev	4.345	.0361	9.288	.1421	1.454	1.447
%RSD	73.79	15.77	95.94	55.34	327.0	74.11
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.615	1.478	.2673	1.107	13.66	2.485
Stddev	1.715	.676	.0769	.181	.19	.672
%RSD	65.59	45.74	28.75	16.34	1.386	27.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60690-c-7-b Acquired: 8/8/2013 10:57:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0720	.0729	.7471	62.34
Stddev	.1980	.0621	.0312	18.94
%RSD	274.9	85.14	4.178	30.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6522.7	71411.	17198.
Stddev	8.0	252.	55.
%RSD	.12231	.35354	.32216

Sample Name: lcs 460-174807/2-a Acquired: 8/8/2013 11:00:51 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1957.	1895.	47.81	2050.	50.20	19970.
Stddev	3.	2.	1.47	2.	.29	47.
%RSD	.1764	.1307	3.084	.0799	.5682	.2345
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.49	506.2	202.6	243.1	1037.	19140.
Stddev	.12	.6	.4	1.3	6.	36.
%RSD	.2287	.1181	.1859	.5220	.6009	.1862
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19530.	515.8	20090.	517.3	517.6	440.4
Stddev	43.	1.2	22.	2.0	2.1	.5
%RSD	.2199	.2285	.1078	.3934	.4068	.1048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1896.	2165.	481.5	507.1	487.3	488.9
Stddev	1.	2.	.5	1.3	1.1	.8
%RSD	.0513	.0775	.1076	.2635	.2163	.1705
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-174807/2-a Acquired: 8/8/2013 11:00:51 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	501.9	481.6	494.1	130.2
Stddev	.2	.8	.4	13.5
%RSD	.0466	.1596	.0741	10.39
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6335.4	69062.	17040.
Stddev	3.8	109.	53.
%RSD	.06057	.15817	.31038

Sample Name: CCV Acquired: 8/8/2013 11:04:14 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	2420.	1208.	9943.	977.6	124600.
Stddev	197.	4.	2.	16.	1.1	39.
%RSD	.1621	.1563	.1584	.1587	.1110	.0311
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1222.	2472.	4944.	12210.	99460.	48770.
Stddev	3.	5.	7.	29.	87.	24.
%RSD	.2436	.2084	.1447	.2357	.0872	.0495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123200.	4997.	124700.	2482.	7468.	976.0
Stddev	123.	5.	274.	4.	19.	1.8
%RSD	.1000	.1027	.2193	.1696	.2527	.1817
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2428.	2484.	2439.	2483.	960.8	2464.
Stddev	7.	5.	3.	6.	1.1	6.
%RSD	.2809	.2079	.1082	.2402	.1126	.2447
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 11:04:14 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4923.	9845.	9317.
Stddev	3.	66.	10.	29.
%RSD	.3186	1.339	.1002	.3064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5962.2	65067.	16544.
Stddev	13.9	76.	71.
%RSD	.23361	.11642	.42624

Sample Name: CCB Acquired: 8/8/2013 11:07:50 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.382	1.157	.2323	.5058	.3129	8.038
Stddev	8.472	.528	.4647	.4813	.0971	11.43
%RSD	101.1	45.64	200.0	95.17	31.03	142.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0148	.2569	.4057	.9831	11.18	11.30
Stddev	.1514	.2499	.2716	2.198	7.03	18.89
%RSD	1024.	97.29	66.96	223.5	62.90	167.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.371	.4056	-6.668	.1129	.5404	.5444
Stddev	5.087	.2443	18.89	.2515	.3355	.8231
%RSD	54.28	60.24	283.3	222.9	62.09	151.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.672	2.875	.0784	.0558	2.605	5.047
Stddev	3.092	.849	.3459	.1203	1.044	.859
%RSD	185.0	29.53	440.9	215.5	40.09	17.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 11:07:50 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0404	.3835	1.510	18.50
Stddev	.1877	.2472	1.330	14.59
%RSD	464.7	64.47	88.06	78.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6536.1	70932.	17213.
Stddev	5.8	195.	27.
%RSD	.08818	.27534	.15667

Sample Name: mb 460-174807/1-a Acquired: 8/8/2013 11:11:35 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.38	.5120	.3718	.1285	.1708	16.62
Stddev	7.30	1.184	.2042	.2533	.0930	4.59
%RSD	54.56	231.3	54.92	197.2	54.45	27.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0374	-.0680	.7549	-.2736	8.411	-16.93
Stddev	.0474	.1034	.2617	.3556	3.947	32.54
%RSD	126.7	152.0	34.67	130.0	46.92	192.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.723	.0928	-26.51	.0314	-.4866	-.0663
Stddev	.584	.0217	1.68	.5407	.7146	.7685
%RSD	21.43	23.39	6.334	1724.	146.8	1159.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7292	2.498	.2906	.0628	2.601	.8193
Stddev	.9713	1.882	.0973	.0783	.255	.2725
%RSD	133.2	75.34	33.48	124.7	9.817	33.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174807/1-a Acquired: 8/8/2013 11:11:35 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4408	.1391	.2439	12.83
Stddev	.4655	.0418	.3437	16.79
%RSD	105.6	30.07	140.9	130.9
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6547.9	71500.	17207.
Stddev	2.9	108.	55.
%RSD	.04482	.15067	.31824

Sample Name: 460-60706-i-1-a Acquired: 8/8/2013 11:15:18 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13740.	1.410	.8230	464.9	.3086	111500.
Stddev	19.	1.178	.2054	.8	.0690	296.
%RSD	.1412	83.56	24.96	.1807	22.35	.2656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1358	6.676	39.09	27.39	20040.	11730.
Stddev	.1040	.021	.52	1.52	78.	49.
%RSD	76.55	.3186	1.333	5.541	.3889	.4161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46360.	942.0	115200.	21.14	28.03	1.245
Stddev	130.	2.0	395.	.22	.57	1.349
%RSD	.2811	.2088	.3432	1.043	2.023	108.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2672	.5885	21.82	63.24	108.9	11.26
Stddev	1.933	1.046	.23	.34	.8	.17
%RSD	723.2	177.7	1.031	.5327	.7560	1.510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-1-a Acquired: 8/8/2013 11:15:18 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	3.086	297.8	591.4	F 32490.
Stddev	.156	.2	.5	200.
%RSD	5.060	.0717	.0818	.6140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6239.2	68152.	17430.
Stddev	5.2	138.	158.
%RSD	.08352	.20227	.90491

Sample Name: 460-60706-i-2-a Acquired: 8/8/2013 11:18:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	198.9	1.067	.5967	50.34	.0175	61100.
Stddev	11.1	1.352	.1435	.06	.0343	359.
%RSD	5.590	126.8	24.05	.1239	196.0	.5881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1161	.4619	.9711	1.824	7530.	7710.
Stddev	.0815	.3107	.2277	1.688	29.	43.
%RSD	70.16	67.28	23.44	92.51	.3843	.5602
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25000.	605.2	188100.	2.658	.3966	-.2845
Stddev	136.	2.3	907.	.307	.5923	1.657
%RSD	.5442	.3829	.4819	11.56	149.3	582.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8506	.9241	1.457	2.670	196.8	2.686
Stddev	1.495	.7614	.125	.100	.3	.132
%RSD	175.8	82.39	8.572	3.737	.1525	4.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-2-a Acquired: 8/8/2013 11:18:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2453	321.5	12.89	7820.
Stddev	.4188	.2	.47	77.
%RSD	170.7	.0536	3.637	.9842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6107.6	66739.	17170.
Stddev	4.2	333.	174.
%RSD	.06835	.49899	1.0114

Sample Name: 460-60706-i-3-a Acquired: 8/8/2013 11:22:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	165.4	.0213	.1699	43.93	.1743	125100.
Stddev	12.9	.8676	.2291	.14	.0396	219.
%RSD	7.795	4078.	134.8	.3274	22.75	.1754
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0742	2.024	-.4038	1.298	1202.	7168.
Stddev	.0104	.182	.1537	.501	4.	21.
%RSD	14.06	8.996	38.07	38.62	.3099	.2967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20450.	98.70	124100.	4.956	.5416	-.2854
Stddev	36.	.20	427.	.575	.3569	1.141
%RSD	.1746	.1996	.3439	11.59	65.89	399.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4200	1.480	.7439	3.822	127.5	.4921
Stddev	1.865	1.034	.4541	.133	.5	.2054
%RSD	444.1	69.87	61.04	3.470	.4023	41.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-3-a Acquired: 8/8/2013 11:22:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2670	403.2	15.47	11150.
Stddev	.3047	.1	.44	35.
%RSD	114.1	.0325	2.826	.3128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6076.1	66706.	17046.
Stddev	8.0	86.	87.
%RSD	.13221	.12960	.50887

Sample Name: 460-60706-i-4-a Acquired: 8/8/2013 11:26:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	150.4	-.4712	.3079	37.40	-.0383	113300.
Stddev	5.3	1.807	.1252	.15	.0591	339.
%RSD	3.507	383.5	40.66	.3928	154.4	.2993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0777	1.193	-.0090	.5944	2817.	5763.
Stddev	.0266	.143	.1232	2.274	13.	6.
%RSD	34.25	11.95	1369.	382.6	.4551	.1036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49250.	1204.	159600.	.6829	-2.044	-.2368
Stddev	119.	3.	2226.	.3473	1.238	1.227
%RSD	.2420	.2623	1.395	50.86	60.57	518.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1485	.5252	.0585	2.159	200.0	5.132
Stddev	.8891	1.603	.1901	.202	.1	.198
%RSD	598.7	305.2	325.0	9.345	.0481	3.853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-4-a Acquired: 8/8/2013 11:26:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2943	285.9	18.91	11530.
Stddev	.1931	.1	.39	36.
%RSD	65.61	.0333	2.056	.3128
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6035.0	66106.	17017.
Stddev	11.2	300.	22.
%RSD	.18550	.45386	.12941

Sample Name: 460-60706-i-6-a Acquired: 8/8/2013 11:30:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.59	-.5176	.6191	12.89	.1116	24200.
Stddev	6.30	1.014	.2746	.15	.0729	38.
%RSD	32.15	195.9	44.36	1.187	65.37	.1584
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0990	-.1814	.1623	-.9871	12520.	10830.
Stddev	.1120	.1804	.1942	.7218	8.	22.
%RSD	113.2	99.47	119.6	73.13	.0622	.1997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7870.	516.7	27590.	4.818	-.4158	-.0788
Stddev	9.	.4	46.	.526	.2172	.9167
%RSD	.1116	.0795	.1650	10.92	52.24	1163.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0459	.8977	-.0121	6.076	26.42	.8169
Stddev	.8285	1.120	.2277	.152	.26	.1336
%RSD	1805.	124.8	1885.	2.499	.9960	16.35
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-6-a Acquired: 8/8/2013 11:30:17 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0873	169.2	1.935	479.8
Stddev	.2655	.0	.189	10.4
%RSD	304.0	.0272	9.761	2.164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6364.0	69526.	17223.
Stddev	7.8	100.	61.
%RSD	.12283	.14417	.35297

Sample Name: 460-60706-i-7-a Acquired: 8/8/2013 11:34:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	332.3	-.2736	.4897	119.0	-.1164	96810.
Stddev	10.8	.9758	.9250	.2	.0412	134.
%RSD	3.249	356.7	188.9	.1632	35.42	.1379
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0615	.6897	.3288	.8166	2358.	9762.
Stddev	.1013	.2834	.1029	.5722	6.	3.
%RSD	164.7	41.10	31.29	70.07	.2566	.0296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44420.	1245.	F 306200.	.1789	-.2322	.2205
Stddev	85.	2.	3867.	.2290	.8269	.5161
%RSD	.1905	.1386	1.263	128.0	356.2	234.0
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1113	3.288	.6300	3.905	185.3	2.044
Stddev	.3130	.476	.4264	.035	.8	.184
%RSD	281.1	14.47	67.69	.8852	.4434	8.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-7-a Acquired: 8/8/2013 11:34:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1816	446.9	58.70	9367.
Stddev	.2182	.1	.38	26.
%RSD	120.2	.0138	.6552	.2800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5980.7	65157.	16830.
Stddev	2.6	138.	53.
%RSD	.04286	.21223	.31272

Sample Name: 460-60706-i-8-a Acquired: 8/8/2013 11:37:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	262.6	.7325	1.053	101.0	-.1368	90160.
Stddev	4.0	2.052	.421	.1	.0177	474.
%RSD	1.542	280.1	39.97	.0887	12.93	.5259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0048	.8522	.8917	6.748	40370.	17200.
Stddev	.0147	.0420	.3286	.936	234.	33.
%RSD	307.2	4.932	36.85	13.87	.5800	.1917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20360.	1218.	82830.	41.94	5.306	-.0380
Stddev	89.	6.	144.	.61	.944	.6418
%RSD	.4356	.5031	.1740	1.461	17.79	1691.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.300	-.0687	2.973	5.659	51.79	3.856
Stddev	.638	.9415	.173	.172	.27	.129
%RSD	49.07	1371.	5.817	3.039	.5174	3.351
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-8-a Acquired: 8/8/2013 11:37:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0089	378.2	15.79	9810.
Stddev	.3078	.8	1.01	104.
%RSD	3469.	.2196	6.381	1.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6158.7	67540.	17135.
Stddev	17.7	649.	172.
%RSD	.28677	.96075	1.0028

Sample Name: 460-60706-i-9-a Acquired: 8/8/2013 11:41:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126.7	-1.329	1.124	90.09	-.6466	95980.
Stddev	4.4	.840	.128	.12	.0833	405.
%RSD	3.453	63.20	11.36	.1380	12.88	.4218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0825	.9245	.8770	.9653	6028.	4059.
Stddev	.0454	.1456	.3151	.7536	23.	26.
%RSD	55.02	15.75	35.93	78.07	.3863	.6378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21050.	3326.	26820.	.2558	-.1952	.7181
Stddev	73.	6.	56.	.4377	.9152	.6062
%RSD	.3468	.1820	.2074	171.2	469.0	84.43
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3467	1.581	.2939	1.780	109.6	.8548
Stddev	2.492	1.063	.2458	.135	.4	.2901
%RSD	718.7	67.27	83.64	7.582	.3669	33.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-9-a Acquired: 8/8/2013 11:41:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0490	404.0	21.62	11250.
Stddev	.2472	1.0	.39	102.
%RSD	504.9	.2445	1.815	.9099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6240.9	68935.	17456.
Stddev	6.5	215.	40.
%RSD	.10443	.31258	.22868

Sample Name: 460-60706-i-10-a Acquired: 8/8/2013 11:45:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139.0	-2.049	1.072	88.67	-.5713	94180.
Stddev	10.9	.746	.632	.16	.0739	213.
%RSD	7.869	36.43	58.97	.1779	12.93	.2257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0634	1.046	.6924	-.5781	5991.	3971.
Stddev	.0472	.118	.1311	1.302	31.	11.
%RSD	74.42	11.29	18.93	225.2	.5235	.2656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20680.	3269.	26290.	.2567	-.1482	-1.083
Stddev	55.	7.	50.	.2635	.4387	1.283
%RSD	.2641	.2258	.1909	102.6	296.0	118.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5612	2.009	-.1253	2.199	107.0	.7507
Stddev	2.734	1.078	.3036	.083	.2	.1070
%RSD	487.1	53.66	242.3	3.794	.2006	14.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60706-i-10-a Acquired: 8/8/2013 11:45:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2987	396.2	20.47	11030.
Stddev	.6073	.3	.29	49.
%RSD	203.3	.0772	1.415	.4455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6242.4	68916.	17450.
Stddev	10.4	118.	171.
%RSD	.16741	.17161	.97852

Sample Name: CCV Acquired: 8/8/2013 11:48:44 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	2429.	1210.	9942.	973.0	123100.
Stddev	176.	1.	1.	.	2.2	35.
%RSD	.1452	.0445	.0941	.0047	.2273	.0287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1217.	2470.	4916.	12160.	98970.	48550.
Stddev	1.	1.	7.	12.	133.	68.
%RSD	.0632	.0269	.1453	.0973	.1344	.1403
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	4947.	123800.	2475.	7450.	982.7
Stddev	82.	14.	535.	4.	3.	3.1
%RSD	.0669	.2745	.4320	.1461	.0467	.3189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2445.	2484.	2425.	2452.	966.5	2464.
Stddev	4.	5.	2.	1.	.1	2.
%RSD	.1711	.1949	.0763	.0582	.0131	.0831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 11:48:44 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.9	4897.	9808.	9451.
Stddev	2.3	62.	19.	33.
%RSD	.2264	1.260	.1971	.3536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5988.1	65837.	17000.
Stddev	2.7	109.	113.
%RSD	.04474	.16610	.66325

Sample Name: CCB Acquired: 8/8/2013 11:52:19 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.006	1.066	.6474	.4211	.2441	6.082
Stddev	11.75	1.139	.4349	.2551	.0195	6.615
%RSD	391.1	106.9	67.17	60.58	7.974	108.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0612	.1615	.5992	1.600	9.685	19.94
Stddev	.2475	.0534	.3313	1.256	7.920	17.93
%RSD	404.7	33.04	55.30	78.48	81.77	89.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.889	.3482	3.674	-.4385	.2602	.6563
Stddev	5.438	.1721	16.89	.5832	.8365	.1393
%RSD	111.2	49.44	459.6	133.0	321.4	21.23
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.809	2.471	.2219	.1616	2.173	4.881
Stddev	1.493	.251	.4104	.0419	.346	1.192
%RSD	82.55	10.15	185.0	25.94	15.90	24.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 11:52:19 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1679	.2359	1.693	17.52
Stddev	.2669	.1620	.650	6.80
%RSD	159.0	68.67	38.36	38.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6563.9	72136.	17474.
Stddev	1.4	220.	55.
%RSD	.02077	.30477	.31456

Sample Name: 460-60731-g-11-a Acquired: 8/8/2013 11:56:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.574	-1.433	.4465	.0151	.1734	10.43
Stddev	9.113	.857	.4718	.1072	.0421	4.88
%RSD	254.9	59.84	105.7	708.4	24.26	46.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0297	-.0309	.5875	-1.371	5.995	5.373
Stddev	.0595	.1845	.4806	1.831	5.718	28.85
%RSD	200.2	598.1	81.81	133.6	95.37	536.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.639	.1190	-11.70	.1378	-.1324	.2646
Stddev	1.692	.0393	3.60	.6284	1.319	1.188
%RSD	103.2	33.00	30.76	455.9	996.3	448.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7285	.7851	.1995	1.495	6.403	.9320
Stddev	1.473	.8436	.0511	.135	.366	.1868
%RSD	202.2	107.5	25.59	9.044	5.720	20.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60731-g-11-a Acquired: 8/8/2013 11:56:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3733	.0299	.7518	76.72
Stddev	.2740	.0200	.1656	7.55
%RSD	73.40	66.79	22.02	9.839
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6561.6	72465.	17746.
Stddev	1.1	217.	80.
%RSD	.01621	.29947	.45223

Sample Name: 460-60642-d-8-b@50 Acquired: 8/8/2013 11:59:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6156.	6.539	1.192	1376.	.1661	4630.
Stddev	23.	1.035	.499	2.	.0812	7.
%RSD	.3683	15.83	41.90	.1643	48.87	.1406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.234	2.739	108.0	1995.	22310.	151.2
Stddev	.121	.268	.4	6.	35.	14.5
%RSD	1.666	9.780	.3317	.2958	.1554	9.619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1155.	197.1	26.55	75.92	3166.	1.116
Stddev	1.	.3	3.84	.45	5.	1.331
%RSD	.1037	.1383	14.46	.5897	.1652	119.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7375	.7526	8.125	4433.	2.687	2.357
Stddev	2.035	.8133	.090	3.	.194	.222
%RSD	276.0	108.1	1.107	.0783	7.201	9.405
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-d-8-b@50 Acquired: 8/8/2013 11:59:48 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	111.0	31.73	58.30	132.9
Stddev	.5	.02	1.26	7.9
%RSD	.4858	.0679	2.158	5.967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6541.2	72069.	17828.
Stddev	11.4	59.	47.
%RSD	.17476	.08153	.26625

Sample Name: 460-60642-d-9-a@10 Acquired: 8/8/2013 12:03:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3561.	105.9	4.197	3280.	.5699	48400.
Stddev	12.	.7	.707	2.	.0269	112.
%RSD	.3482	.6353	16.84	.0751	4.719	.2321
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	183.6	18.14	360.0	4575.	193500.	184.6
Stddev	.1	.05	.8	5.	89.	1.6
%RSD	.0720	.2627	.2109	.1033	.0462	.8780
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8414.	707.8	230.4	156.1	7473.	14.53
Stddev	26.	1.1	5.2	.3	5.	1.34
%RSD	.3092	.1495	2.270	.1850	.0698	9.252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.763	-8.569	20.22	F 26940.	13.63	5.183
Stddev	.127	.192	.36	44.	.50	.314
%RSD	2.659	2.235	1.776	.1635	3.645	6.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-60642-d-9-a@10 Acquired: 8/8/2013 12:03:24 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1742.	269.6	165.4	413.3
Stddev	3.	.2	.4	14.6
%RSD	.1982	.0771	.2488	3.527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6345.1	70688.	17818.
Stddev	14.1	298.	58.
%RSD	.22295	.42214	.32430

Sample Name: 460-60642-d-9-a@100 Acquired: 8/8/2013 12:06:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	346.7	9.781	1.132	324.8	.2293	4712.
Stddev	9.9	.269	.420	.9	.0523	26.
%RSD	2.864	2.750	37.15	.2826	22.82	.5577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.18	1.800	36.05	449.8	19380.	29.89
Stddev	.08	.078	.24	2.3	55.	26.80
%RSD	.4535	4.311	.6605	.5211	.2814	89.65
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	857.7	71.41	-.6644	15.02	755.5	1.657
Stddev	3.2	.14	3.480	.19	.6	1.049
%RSD	.3784	.1988	523.8	1.296	.0827	63.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.503	.5270	1.791	2829.	1.783	.4376
Stddev	2.735	.6440	.279	4.	.177	.1617
%RSD	181.9	122.2	15.60	.1363	9.904	36.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-d-9-a@100 Acquired: 8/8/2013 12:06:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	174.5	26.49	16.50	56.18
Stddev	.3	.02	.27	15.07
%RSD	.1634	.0780	1.644	26.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6573.1	72373.	17688.
Stddev	10.7	204.	64.
%RSD	.16253	.28185	.36198

Sample Name: 460-60642-d-10-a@20 Acquired: 8/8/2013 12:10:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10760.	6.581	1.221	259.8	-.1452	3015.
Stddev	30.	.756	.274	.5	.0181	6.
%RSD	.2784	11.49	22.44	.1835	12.47	.1929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.296	5.040	34.59	210.0	16870.	451.3
Stddev	.118	.015	.34	1.3	63.	9.3
%RSD	5.121	.2995	.9734	.6359	.3727	2.065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1726.	451.0	49.74	73.25	536.1	F -35.75
Stddev	7.	.8	6.19	.15	.6	.45
%RSD	.4157	.1848	12.44	.1989	.1043	1.252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						2000.
Low Limit						-20.00

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4288	1.015	18.94	369.1	2.475	.6791
Stddev	1.331	1.277	.22	.7	.438	.1278
%RSD	310.5	125.8	1.160	.1851	17.71	18.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-d-10-a@20 Acquired: 8/8/2013 12:10:30 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	F 2403.	18.77	123.7	168.0
Stddev	3.	.05	1.0	4.5
%RSD	.1388	.2731	.7731	2.670
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	2000.			
Low Limit	-50.00			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6590.1	72251.	17934.
Stddev	8.5	40.	94.
%RSD	.12903	.05490	.52565

Sample Name: 460-60642-c-12-a@500 Acquired: 8/8/2013 12:14:06 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	318.5	1.135	4.008	30.07	.1881	521.0
Stddev	6.7	1.052	.693	.07	.0146	8.9
%RSD	2.102	92.68	17.29	.2323	7.783	1.707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.800	.6161	8.515	3274.	3653.	11.51
Stddev	.053	.0460	.176	4.	6.	16.58
%RSD	1.883	7.465	2.067	.1372	.1751	144.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	109.5	24.05	-21.71	23.65	1388.	2.124
Stddev	1.1	.08	4.18	.43	2.	.085
%RSD	.9800	.3501	19.25	1.836	.1408	3.993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9874	1.713	.7585	954.1	1.118	1.145
Stddev	.4918	.144	.1754	1.3	.165	.142
%RSD	49.81	8.434	23.12	.1375	14.75	12.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-c-12-a@500 Acquired: 8/8/2013 12:14:06 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	117.2	2.164	3.013	33.35
Stddev	.1	.074	.546	7.60
%RSD	.0703	3.433	18.13	22.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6604.8	72809.	17719.
Stddev	9.9	81.	20.
%RSD	.14988	.11084	.11304

Sample Name: 460-60678-a-5-a@10 Acquired: 8/8/2013 12:17:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1573.	51.40	1.993	126.1	.9714	1115.
Stddev	12.	.96	.262	.2	.0381	3.
%RSD	.7465	1.876	13.14	.1715	3.918	.2594
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3388	14.81	19.70	220.9	96930.	658.9
Stddev	.0501	.14	.32	2.2	334.	14.0
%RSD	14.79	.9582	1.624	.9878	.3440	2.119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	211.3	423.1	124.9	15.65	155.7	.9720
Stddev	4.1	.8	2.9	.51	.7	1.198
%RSD	1.952	.1859	2.285	3.262	.4393	123.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.25	-3.715	27.86	20.49	20.78	5.706
Stddev	.41	.453	.47	.12	.28	.377
%RSD	3.098	12.19	1.675	.5892	1.369	6.604
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60678-a-5-a@10 Acquired: 8/8/2013 12:17:43 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	30.52	76.31	293.1	352.2
Stddev	.95	.08	.5	15.7
%RSD	3.112	.1049	.1633	4.444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6480.9	72418.	18153.
Stddev	15.8	159.	54.
%RSD	.24426	.21994	.29509

Sample Name: pds 460-60706-i-5-a Acquired: 8/8/2013 12:21:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2368.	1868.	47.11	2148.	48.56	92250.
Stddev	21.	6.	.61	1.	.18	340.
%RSD	.9019	.3392	1.289	.0464	.3614	.3683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.14	485.9	195.0	237.9	2476.	24690.
Stddev	.16	.5	.6	2.6	10.	38.
%RSD	.3335	.0947	.2960	1.079	.4063	.1558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46800.	848.9	34490.	492.7	492.3	427.6
Stddev	135.	2.3	38.	.9	2.2	2.8
%RSD	.2890	.2744	.1108	.1907	.4469	.6451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1885.	2061.	467.2	481.1	547.1	477.5
Stddev	1.	3.	.3	.4	1.5	.8
%RSD	.0582	.1615	.0620	.0750	.2788	.1621
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60706-i-5-a Acquired: 8/8/2013 12:21:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	488.0	688.9	523.8	8832.
Stddev	1.5	.3	1.5	22.
%RSD	.3014	.0386	.2829	.2487
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6235.0	69139.	17689.
Stddev	3.8	165.	70.
%RSD	.06033	.23897	.39549

Sample Name: 460-60703-a-4-a@4 Acquired: 8/8/2013 12:24:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37120.	12.12	1.067	540.3	2.533	4620.
Stddev	13.	.30	.465	.9	.047	16.
%RSD	.0360	2.500	43.59	.1610	1.864	.3358
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3309	37.63	62.25	30.96	69660.	2564.
Stddev	.1259	.24	.61	1.03	190.	8.
%RSD	38.04	.6333	.9807	3.329	.2720	.3033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6411.	3259.	202.3	67.17	109.5	1.809
Stddev	29.	6.	14.3	.30	1.3	.520
%RSD	.4514	.1966	7.051	.4449	1.149	28.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.705	-.5854	76.78	216.3	9.479	4.659
Stddev	1.045	1.882	.47	.7	.160	.377
%RSD	28.20	321.5	.6131	.3304	1.688	8.094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60703-a-4-a@4 Acquired: 8/8/2013 12:24:42 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	13.28	19.74	527.9	1711.
Stddev	.72	.09	1.9	8.
%RSD	5.453	.4585	.3607	.4389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6602.9	72503.	18175.
Stddev	24.5	481.	85.
%RSD	.37036	.66362	.46829

Sample Name: lcssrm 460-174991/2- Acquired: 8/8/2013 12:28:17 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37710.	753.6	187.4	1004.	504.1	31550.
Stddev	67.	.8	1.4	.	1.0	63.
%RSD	.1766	.1046	.7500	.0453	.2012	.1987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	471.4	632.9	555.3	534.9	58200.	13110.
Stddev	.4	.6	1.8	1.4	21.	16.
%RSD	.0891	.0881	.3228	.2539	.0368	.1228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12010.	1624.	1521.	340.1	396.2	366.9
Stddev	35.	2.	1.	.5	1.3	1.5
%RSD	.2944	.1431	.0779	.1599	.3384	.4094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	570.4	1047.	388.4	1288.	391.3	293.0
Stddev	1.7	2.	1.1	5.	.8	.4
%RSD	.2904	.1767	.2797	.3505	.2063	.1256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-174991/2- Acquired: 8/8/2013 12:28:17 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	662.9	602.6	873.9	1826.
Stddev	.9	.5	1.1	17.
%RSD	.1298	.0843	.1223	.9036
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6532.2	71865.	18204.
Stddev	4.1	179.	19.
%RSD	.06310	.24949	.10321

Sample Name: CCV Acquired: 8/8/2013 12:31:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120400.	2420.	1210.	9909.	967.9	122400.
Stddev	105.	8.	3.	5.	.8	461.
%RSD	.0875	.3223	.2121	.0534	.0853	.3763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1212.	2463.	4904.	12120.	98660.	48460.
Stddev	.	1.	13.	17.	323.	2.
%RSD	.0309	.0448	.2676	.1443	.3269	.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121300.	4943.	122900.	2468.	7415.	980.2
Stddev	408.	16.	744.	.	2.	3.5
%RSD	.3367	.3309	.6057	.0136	.0261	.3535
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2443.	2482.	2417.	2434.	965.5	2457.
Stddev	5.	2.	6.	2.	1.6	2.
%RSD	.2145	.0789	.2440	.0668	.1608	.0985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 12:31:40 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.2	4899.	9770.	9469.
Stddev	1.4	38.	10.	36.
%RSD	.1416	.7743	.1004	.3802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6044.4	66518.	17312.
Stddev	6.3	127.	37.
%RSD	.10450	.19048	.21518

Sample Name: CCB Acquired: 8/8/2013 12:35:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.78	1.109	.4092	.3047	.2640	8.784
Stddev	3.13	.904	.3972	.0524	.0937	3.701
%RSD	29.06	81.59	97.06	17.20	35.49	42.13
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0739	.2706	.3451	.2179	12.00	22.02
Stddev	.0234	.0799	.2914	1.128	2.59	21.58
%RSD	31.61	29.53	84.45	517.7	21.61	97.98
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.527	.3343	-12.40	.2998	-.2124	1.130
Stddev	4.931	.2374	15.18	.2839	1.009	1.157
%RSD	108.9	71.01	122.4	94.71	475.2	102.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.196	2.431	.2939	.1399	2.297	4.791
Stddev	3.041	.541	.2346	.1388	.344	.826
%RSD	254.4	22.25	79.84	99.20	14.96	17.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 12:35:25 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2935	.2554	2.166	17.05
Stddev	.4534	.2054	.325	5.95
%RSD	154.5	80.42	14.98	34.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6613.1	73033.	17774.
Stddev	2.7	216.	42.
%RSD	.04124	.29560	.23890

Sample Name: mb 460-174991/1-a@2 Acquired: 8/8/2013 12:39:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.17	-2.529	.0031	.3240	.2518	56.97
Stddev	11.26	2.313	.5481	.1432	.0663	2.03
%RSD	61.99	91.45	17950.	44.21	26.31	3.566
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1030	-.1506	.5572	.7068	5.243	17.62
Stddev	.0947	.1286	.1756	1.257	1.885	7.80
%RSD	91.91	85.35	31.52	177.9	35.95	44.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.966	.1696	7.341	-.4291	-.7742	.5789
Stddev	1.454	.0459	2.169	.4176	.5910	.9079
%RSD	36.65	27.03	29.55	97.31	76.34	156.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.825	.3038	.1092	1.006	3.544	1.209
Stddev	2.251	.6275	.2975	.108	.057	.315
%RSD	79.69	206.6	272.5	10.72	1.604	26.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-174991/1-a@2 Acquired: 8/8/2013 12:39:10 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	F 24.39	.1051	1.207	15.00
Stddev	.18	.0195	.804	1.94
%RSD	.7310	18.55	66.63	12.91
Check ?	Chk Fail	Chk Pass	Chk Pass	None
High Limit	20.00			
Low Limit	-20.00			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6518.7	72786.	17827.
Stddev	20.7	335.	77.
%RSD	.31790	.45965	.43004

Sample Name: 460-60805-a-3-d du@4 Acquired: 8/8/2013 12:42:53 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37860.	19.09	1.714	380.9	1.105	44790.
Stddev	41.	1.54	.668	.4	.128	66.
%RSD	.1096	8.055	38.98	.1081	11.59	.1479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.786	37.68	127.0	191.8	73490.	5269.
Stddev	.105	.30	.3	1.6	71.	24.
%RSD	5.852	.7954	.2624	.8290	.0969	.4610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17940.	2420.	1089.	83.89	401.8	2.633
Stddev	10.	3.	4.	.20	1.5	1.071
%RSD	.0534	.1063	.3626	.2427	.3624	40.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.674	-2.618	130.3	766.8	187.2	3.321
Stddev	1.763	2.546	.5	1.3	.7	.128
%RSD	65.93	97.27	.3508	.1631	.3749	3.859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-3-d du@4 Acquired: 8/8/2013 12:42:53 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	27.92	179.4	1742.	1604.
Stddev	.31	.3	1.	14.
%RSD	1.095	.1774	.0734	.9022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6533.3	72061.	18162.
Stddev	2.7	94.	33.
%RSD	.04149	.13073	.18017

Sample Name: 460-60805-a-3-c@4 Acquired: 8/8/2013 12:46:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39810.	21.40	11.78	388.1	1.307	37610.
Stddev	6.	.84	.55	1.0	.058	227.
%RSD	.0155	3.925	4.688	.2624	4.446	.6029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.909	39.39	219.2	199.2	80850.	5113.
Stddev	.057	.21	.9	2.4	371.	17.
%RSD	3.009	.5290	.4117	1.187	.4588	.3313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19260.	1731.	1012.	105.2	427.0	6.283
Stddev	112.	7.	7.	.4	1.3	1.291
%RSD	.5806	.4168	.7264	.4026	.2999	20.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.335	-1.450	170.4	759.7	30.33	3.430
Stddev	3.346	.404	.3	3.2	.38	.210
%RSD	100.3	27.84	.1703	.4261	1.243	6.116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-3-c@4 Acquired: 8/8/2013 12:46:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	31.31	144.4	1898.	1705.
Stddev	.32	.1	2.	7.
%RSD	1.011	.0995	.0842	.4347
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6533.9	72084.	18152.
Stddev	13.2	164.	60.
%RSD	.20208	.22818	.32779

Sample Name: sd 460-60805-a-3-c@2 Acquired: 8/8/2013 12:49:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7959.	3.637	2.556	77.60	.4131	7428.
Stddev	22.	1.457	.273	.16	.0871	22.
%RSD	.2734	40.04	10.67	.2113	21.09	.2968
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3150	7.916	44.62	40.04	16520.	1018.
Stddev	.1120	.145	.20	1.43	21.	10.
%RSD	35.55	1.837	.4388	3.564	.1262	.9732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3967.	351.1	173.2	21.96	87.37	.9957
Stddev	21.	.8	5.2	.44	1.27	.4557
%RSD	.5206	.2340	3.009	2.021	1.454	45.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.540	.3705	34.03	154.9	6.511	.8408
Stddev	1.760	.3529	.23	.1	.178	.0438
%RSD	114.3	95.25	.6757	.0759	2.737	5.213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60805-a-3-c@2 Acquired: 8/8/2013 12:49:59 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.118	28.75	378.3	337.0
Stddev	.423	.15	1.2	12.4
%RSD	6.915	.5261	.3249	3.672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6610.8	72300.	17755.
Stddev	11.2	159.	22.
%RSD	.16884	.22018	.12551

Sample Name: 460-60805-a-3-e ms@4 Acquired: 8/8/2013 12:53:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44000.	893.2	22.63	1573.	24.58	46330.
Stddev	106.	1.7	.84	1.	.15	103.
%RSD	.2397	.1857	3.696	.0747	.6131	.2224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24.94	270.1	246.4	338.7	82010.	15050.
Stddev	.12	.2	.4	1.9	211.	10.
%RSD	.4746	.0704	.1577	.5461	.2567	.0656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	27920.	2240.	10520.	325.1	778.9	154.6
Stddev	53.	5.	23.	.3	.7	.5
%RSD	.1891	.2086	.2186	.1076	.0902	.3418
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	869.5	965.6	378.0	987.7	253.5	228.9
Stddev	3.3	2.3	1.2	2.4	.7	.9
%RSD	.3822	.2400	.3300	.2435	.2643	.3747
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-3-e ms@4 Acquired: 8/8/2013 12:53:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	255.7	388.6	2174.	2426.
Stddev	.5	.1	1.	73.
%RSD	.2087	.0255	.0663	3.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6440.1	70748.	17879.
Stddev	24.2	205.	75.
%RSD	.37569	.28940	.42174

Sample Name: pds 460-60805-a-3-c@ Acquired: 8/8/2013 12:57:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42070.	1825.	56.49	2326.	48.94	57310.
Stddev	39.	2.	.90	1.	.18	111.
%RSD	.0930	.1311	1.591	.0513	.3615	.1938
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.03	515.1	412.5	433.4	82120.	23510.
Stddev	.20	.5	1.3	2.1	89.	45.
%RSD	.4123	.0884	.3229	.4770	.1082	.1904
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37760.	2222.	20330.	587.3	903.0	415.3
Stddev	66.	2.	44.	1.6	2.1	1.7
%RSD	.1752	.0758	.2142	.2741	.2319	.4147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1806.	1978.	627.5	1232.	488.5	467.0
Stddev	5.	6.	1.9	3.	1.5	.3
%RSD	.2757	.2968	.3089	.2353	.3096	.0711
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60805-a-3-c@ Acquired: 8/8/2013 12:57:00 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	502.4	606.9	2381.	1774.
Stddev	1.0	.3	3.	12.
%RSD	.1947	.0490	.1266	.6806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6416.3	70378.	17781.
Stddev	8.7	254.	108.
%RSD	.13518	.36066	.60734

Sample Name: 460-60805-a-1-c@4 Acquired: 8/8/2013 13:00:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41080.	22.24	1.266	354.0	1.824	34890.
Stddev	40.	2.07	.477	.7	.050	106.
%RSD	.0978	9.317	37.68	.1965	2.759	.3039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9680	37.36	139.7	186.7	79180.	6014.
Stddev	.0193	.05	.5	.8	114.	4.
%RSD	1.997	.1225	.3521	.4157	.1433	.0617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20240.	1534.	1141.	91.37	397.7	6.048
Stddev	38.	3.	3.	.45	1.0	1.563
%RSD	.1881	.1964	.2978	.4875	.2514	25.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.704	-2.276	158.9	572.6	48.58	3.747
Stddev	.904	2.301	.5	.4	.33	.244
%RSD	24.41	101.1	.3219	.0683	.6873	6.522
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-1-c@4 Acquired: 8/8/2013 13:00:20 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.32	162.6	1917.	2019.
Stddev	.43	.2	2.	36.
%RSD	1.465	.1129	.1173	1.774
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6545.5	71861.	17908.
Stddev	19.0	106.	66.
%RSD	.29018	.14795	.36777

Sample Name: 460-60805-a-2-c@4 Acquired: 8/8/2013 13:03:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43040.	21.80	1.383	497.1	1.164	38600.
Stddev	100.	1.22	.253	1.7	.048	168.
%RSD	.2330	5.600	18.32	.3507	4.156	.4344
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.791	37.02	147.8	221.3	84500.	7284.
Stddev	.025	.20	.7	2.7	304.	11.
%RSD	.9090	.5389	.4666	1.210	.3593	.1477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20880.	1781.	2064.	107.0	4072.	6.142
Stddev	97.	5.	4.	1.4	11.	.615
%RSD	.4642	.2795	.1784	1.266	.2639	10.01
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.016	-1.593	154.3	1046.	64.47	4.404
Stddev	2.220	.513	1.0	3.	.90	.188
%RSD	73.62	32.19	.6401	.3248	1.389	4.271
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-2-c@4 Acquired: 8/8/2013 13:03:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	45.90	179.3	2259.	1998.
Stddev	.55	.2	2.	66.
%RSD	1.208	.1172	.0669	3.327
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6511.2	71426.	17952.
Stddev	13.5	90.	76.
%RSD	.20669	.12662	.42113

Sample Name: 460-60805-a-4-c@4 Acquired: 8/8/2013 13:07:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44330.	20.39	1.328	403.6	1.356	37390.
Stddev	73.	1.19	.433	.6	.033	42.
%RSD	.1642	5.819	32.64	.1572	2.464	.1121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.162	39.46	180.1	222.2	83750.	5737.
Stddev	.059	.08	1.0	.4	119.	3.
%RSD	5.101	.2037	.5426	.1640	.1424	.0592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25950.	1616.	1448.	97.97	371.3	5.732
Stddev	13.	2.	5.	.79	2.8	.895
%RSD	.0494	.1166	.3662	.8084	.7554	15.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.079	-1.396	177.1	634.0	40.11	3.682
Stddev	2.947	.917	.3	1.0	.68	.241
%RSD	273.3	65.68	.1714	.1546	1.693	6.559
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-4-c@4 Acquired: 8/8/2013 13:07:28 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.26	167.3	2164.	1908.
Stddev	.45	.3	2.	25.
%RSD	1.552	.1641	.1012	1.299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6516.9	71360.	17853.
Stddev	10.4	382.	86.
%RSD	.15946	.53560	.48196

Sample Name: 460-60805-a-5-c@4 Acquired: 8/8/2013 13:11:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42460.	22.04	1.540	371.5	1.434	26890.
Stddev	80.	.92	.157	.1	.039	117.
%RSD	.1895	4.188	10.17	.0173	2.698	.4346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.190	35.60	140.0	200.8	82720.	5620.
Stddev	.046	.12	.1	1.2	174.	7.
%RSD	3.831	.3294	.0574	.5839	.2108	.1182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20510.	1636.	953.4	89.11	390.9	3.667
Stddev	62.	3.	3.6	.24	.9	.750
%RSD	.3031	.1843	.3819	.2650	.2313	20.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.809	-1.975	144.3	627.1	29.93	3.363
Stddev	1.701	1.301	.6	.6	.14	.091
%RSD	94.03	65.87	.4239	.0999	.4787	2.703
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-5-c@4 Acquired: 8/8/2013 13:11:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	29.50	133.6	1832.	1786.
Stddev	.70	.1	6.	22.
%RSD	2.377	.0792	.3101	1.256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6536.2	71820.	17933.
Stddev	16.9	75.	148.
%RSD	.25830	.10442	.82524

Sample Name: CCV Acquired: 8/8/2013 13:14:37 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	2425.	1207.	9919.	968.5	122900.
Stddev	179.	6.	4.	9.	1.2	143.
%RSD	.1481	.2650	.3037	.0881	.1241	.1162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1214.	2467.	4916.	12140.	98950.	48610.
Stddev	1.	2.	7.	7.	114.	64.
%RSD	.1061	.0717	.1353	.0578	.1147	.1310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121800.	4951.	123700.	2467.	7431.	980.5
Stddev	170.	9.	460.	5.	9.	7.0
%RSD	.1400	.1880	.3719	.2032	.1196	.7092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2440.	2483.	2424.	2442.	965.4	2458.
Stddev	2.	5.	2.	3.	.9	4.
%RSD	.0711	.1886	.0688	.1178	.0909	.1573
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 13:14:37 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.1	4907.	9781.	9403.
Stddev	.4	51.	8.	46.
%RSD	.0413	1.045	.0867	.4932
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6051.2	66587.	17215.
Stddev	4.3	54.	35.
%RSD	.07100	.08093	.20230

Sample Name: CCB Acquired: 8/8/2013 13:18:18 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.322	.5279	.1598	.6158	.2374	8.105
Stddev	15.07	.5654	.0980	.4029	.0311	5.421
%RSD	181.1	107.1	61.34	65.43	13.11	66.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0812	.3323	.5524	1.223	9.160	22.84
Stddev	.0336	.1587	.1432	2.087	4.015	8.89
%RSD	41.40	47.77	25.92	170.7	43.84	38.94
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.381	.4274	-12.84	-.0177	.8523	.9716
Stddev	6.473	.2248	16.42	.6101	1.364	1.209
%RSD	77.24	52.60	127.9	3447.	160.1	124.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.325	2.635	.1527	.2227	1.922	4.860
Stddev	1.339	.676	.1739	.1161	.578	.864
%RSD	57.58	25.65	113.9	52.13	30.09	17.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 13:18:18 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0994	.3139	2.449	10.85
Stddev	.2814	.2372	.448	15.33
%RSD	283.0	75.57	18.27	141.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6613.6	72634.	17579.
Stddev	.9	81.	86.
%RSD	.01321	.11158	.49014

Sample Name: 460-60805-a-6-c@4 Acquired: 8/8/2013 13:22:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41490.	19.89	1.562	360.6	1.222	34920.
Stddev	94.	.67	.218	.2	.089	96.
%RSD	.2276	3.383	13.94	.0619	7.286	.2740
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.133	38.35	145.1	169.6	77290.	6763.
Stddev	.120	.30	.3	.5	6.	37.
%RSD	10.58	.7756	.2217	.2672	.0075	.5419
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	24630.	1518.	1136.	111.1	362.0	2.476
Stddev	42.	1.	2.	.7	2.2	1.175
%RSD	.1722	.0827	.1825	.6658	.6171	47.47
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.891	-2.008	147.6	549.2	32.35	3.572
Stddev	.347	.609	.8	1.9	.79	.158
%RSD	8.928	30.31	.5405	.3518	2.440	4.416
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-6-c@4 Acquired: 8/8/2013 13:22:04 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	27.15	168.5	1980.	1799.
Stddev	.24	.2	4.	15.
%RSD	.8830	.0931	.2073	.8075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6493.4	71379.	17868.
Stddev	14.1	344.	61.
%RSD	.21719	.48123	.34128

Sample Name: 460-60805-a-7-c@4 Acquired: 8/8/2013 13:25:37 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44170.	23.00	1.680	429.8	1.277	34870.
Stddev	207.	.50	.388	1.1	.096	192.
%RSD	.4677	2.176	23.08	.2456	7.508	.5507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.500	39.59	156.5	205.4	84440.	6740.
Stddev	.092	.56	1.1	2.0	335.	49.
%RSD	6.138	1.405	.7050	.9912	.3966	.7322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21800.	2056.	1368.	97.66	398.3	2.959
Stddev	101.	8.	7.	.41	1.3	.541
%RSD	.4612	.4029	.5394	.4231	.3296	18.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.576	-3.758	162.0	738.7	34.61	4.016
Stddev	2.945	2.193	.4	2.9	.61	.292
%RSD	82.37	58.35	.2287	.3913	1.757	7.272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60805-a-7-c@4 Acquired: 8/8/2013 13:25:37 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	32.28	163.5	2131.	1664.
Stddev	.40	.8	12.	17.
%RSD	1.227	.4842	.5457	1.032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6532.7	71915.	17987.
Stddev	14.6	165.	40.
%RSD	.22329	.22896	.22343

Sample Name: 460-60828-a-6-a@4 Acquired: 8/8/2013 13:29:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	37570.	26.08	1.871	128.7	1.270	89600.
Stddev	59.	.50	.576	.3	.069	299.
%RSD	.1579	1.906	30.78	.2687	5.464	.3340
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3082	29.86	106.2	98.23	79110.	7300.
Stddev	.0177	.25	.6	1.15	172.	12.
%RSD	5.727	.8402	.5866	1.175	.2175	.1658
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19460.	2177.	6557.	74.39	105.5	1.931
Stddev	53.	3.	9.	.46	1.8	1.599
%RSD	.2706	.1499	.1343	.6194	1.677	82.78
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.123	-2.677	77.51	500.3	47.91	3.744
Stddev	.616	.621	.60	1.6	.20	.118
%RSD	19.73	23.21	.7756	.3108	.4257	3.144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60828-a-6-a@4 Acquired: 8/8/2013 13:29:10 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	22.63	521.2	830.5	5608.
Stddev	.67	.6	2.2	796.
%RSD	2.946	.1086	.2699	14.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6480.5	71086.	17979.
Stddev	7.7	282.	170.
%RSD	.11906	.39685	.94302

Sample Name: 460-60829-a-6-a@4 Acquired: 8/8/2013 13:32:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34110.	20.47	1.453	97.96	1.228	42610.
Stddev	62.	.43	.817	.08	.091	82.
%RSD	.1820	2.107	56.23	.0773	7.387	.1916
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0815	28.71	81.64	51.94	78470.	6386.
Stddev	.0400	.24	.34	.19	167.	18.
%RSD	49.08	.8462	.4129	.3586	.2129	.2799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17600.	2184.	6402.	67.81	56.76	1.333
Stddev	37.	4.	1.	.38	1.11	.923
%RSD	.2107	.1921	.0149	.5675	1.952	69.29
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.266	-2.806	71.20	311.3	46.53	2.238
Stddev	1.867	.876	.28	.9	.22	.121
%RSD	82.41	31.21	.3930	.2871	.4778	5.387
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60829-a-6-a@4 Acquired: 8/8/2013 13:32:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	15.70	255.6	783.0	2665.
Stddev	.61	.3	1.4	165.
%RSD	3.902	.1235	.1816	6.198
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6534.3	71720.	18101.
Stddev	13.3	377.	85.
%RSD	.20354	.52539	.46790

Sample Name: 460-60439-a-1-a@4 Acquired: 8/8/2013 13:36:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56900.	12.88	1.258	416.0	.5592	38070.
Stddev	123.	1.38	.603	.5	.0696	163.
%RSD	.2158	10.73	47.97	.1117	12.45	.4292
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7487	34.02	257.3	291.2	86260.	11950.
Stddev	.1505	.17	.3	2.6	196.	17.
%RSD	20.10	.4995	.1150	.8898	.2270	.1449
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25780.	2811.	208.7	80.25	114.9	5.807
Stddev	106.	7.	3.4	.66	.7	1.322
%RSD	.4118	.2414	1.647	.8215	.5937	22.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.507	-3.239	171.0	687.1	12.54	9.264
Stddev	2.075	1.018	.4	1.7	.34	.134
%RSD	59.17	31.42	.2154	.2462	2.746	1.446
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60439-a-1-a@4 Acquired: 8/8/2013 13:36:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	20.82	89.37	3871.	2379.
Stddev	.46	.10	6.	31.
%RSD	2.206	.1122	.1545	1.314
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6545.6	71849.	18169.
Stddev	16.8	139.	21.
%RSD	.25677	.19339	.11450

Sample Name: 460-60642-d-10-a@100 Acquired: 8/8/2013 13:39:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2147.	1.576	.6737	51.61	.1561	601.0
Stddev	5.	.190	.4821	.12	.0328	2.0
%RSD	.2373	12.08	71.56	.2249	21.01	.3395
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4140	1.093	7.091	41.54	3380.	95.21
Stddev	.0711	.194	.139	1.17	4.	18.73
%RSD	17.18	17.72	1.964	2.826	.1306	19.68
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	343.9	90.53	-22.84	15.03	107.0	-6.535
Stddev	.6	.29	4.60	.17	1.4	.791
%RSD	.1760	.3208	20.15	1.117	1.303	12.10
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2750	.8332	3.745	73.22	.8441	.0359
Stddev	1.102	1.194	.436	.15	.3086	.1251
%RSD	400.6	143.3	11.63	.2003	36.56	348.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60642-d-10-a@100 Acquired: 8/8/2013 13:39:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	477.1	3.696	25.59	51.34
Stddev	1.5	.020	.23	14.17
%RSD	.3148	.5400	.9047	27.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6677.6	73253.	17815.
Stddev	6.5	96.	19.
%RSD	.09727	.13158	.10843

Sample Name: 460-60793-f-1-b du Acquired: 8/8/2013 13:43:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.26	31.46	.6259	184.7	-.0055	F 335300.
Stddev	7.65	1.47	.4998	.2	.0810	1353.
%RSD	12.92	4.661	79.85	.0820	1484.	.4035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0293	2.080	-2.545	2.372	29.27	58530.
Stddev	.0775	.456	.369	.844	2.24	22.
%RSD	264.8	21.94	14.50	35.57	7.667	.0372
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 333500.	691.9	F 980000.	6.800	-1.063	1.214
Stddev	1014.	2.0	168700.	.147	.703	.590
%RSD	.3040	.2896	17.22	2.157	66.13	48.56
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.415	2.836	2.639	56.80	F 14130.	6.972
Stddev	1.274	.803	.371	.06	47.	.291
%RSD	90.02	28.30	14.05	.1039	.3308	4.172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60793-f-1-b du Acquired: 8/8/2013 13:43:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.8658	5581.	22.12	19050.
Stddev	.4733	31.	.89	28.
%RSD	54.67	.5475	4.003	.1475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5137.1	55202.	16187.
Stddev	21.5	234.	62.
%RSD	.41888	.42447	.38315

Sample Name: 460-60793-f-1-a Acquired: 8/8/2013 13:47:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.01	28.93	.6760	185.4	.0393	F 335400.
Stddev	5.10	1.87	.6039	.6	.0173	847.
%RSD	10.62	6.476	89.33	.3260	44.10	.2526
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0530	1.865	-2.782	3.924	29.68	58630.
Stddev	.1528	.450	.349	.343	2.40	147.
%RSD	288.6	24.15	12.56	8.748	8.083	.2514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 334200.	693.0	F 891900.	7.651	-1.486	-1.714
Stddev	603.	1.1	42660.	.235	1.633	1.251
%RSD	.1804	.1639	4.782	3.078	109.9	72.99
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.834	3.145	2.775	56.85	F 14200.	7.128
Stddev	2.647	.830	.147	.24	23.	.296
%RSD	144.4	26.40	5.286	.4193	.1635	4.158
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60793-f-1-a Acquired: 8/8/2013 13:47:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.9045	5661.	22.36	19130.
Stddev	.3151	27.	.57	113.
%RSD	34.84	.4841	2.566	.5907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5074.9	54704.	15959.
Stddev	16.7	143.	117.
%RSD	.32887	.26221	.73530

Sample Name: sd 460-60793-f-1-a@5 Acquired: 8/8/2013 13:51:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.21	4.826	.7683	37.62	.1863	67560.
Stddev	.98	1.486	.3966	.29	.0291	109.
%RSD	8.037	30.79	51.62	.7752	15.61	.1617
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1287	.7144	-.1376	.1970	1.638	10900.
Stddev	.0593	.3034	.4421	.5783	3.993	24.
%RSD	46.06	42.47	321.4	293.6	243.8	.2180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	65830.	140.1	F 503200.	1.758	-.4095	-.0219
Stddev	127.	.1	1616.	.572	.6704	.3958
%RSD	.1931	.0756	.3212	32.56	163.7	1811.
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5039	2.469	.6631	12.23	F 2817.	1.599
Stddev	1.087	1.197	.3029	.13	7.	.095
%RSD	215.8	48.48	45.68	1.040	.2377	5.963
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: sd 460-60793-f-1-a@5 Acquired: 8/8/2013 13:51:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2660	1123.	7.854	3407.
Stddev	.5792	2.	.104	14.
%RSD	217.7	.1381	1.320	.4039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5849.7	63205.	16845.
Stddev	10.8	76.	85.
%RSD	.18503	.12097	.50322

Sample Name: lcs 460-175016/2-a Acquired: 8/8/2013 13:55:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1974.	1941.	48.70	2054.	49.88	20220.
Stddev	4.	1.	.38	1.	.05	87.
%RSD	.1846	.0632	.7835	.0684	.1013	.4325
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.34	510.2	203.4	245.2	1033.	19320.
Stddev	.14	.4	1.2	1.0	19.	30.
%RSD	.2667	.0858	.6009	.4197	1.816	.1559
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20160.	517.4	19990.	523.5	529.1	435.0
Stddev	97.	1.4	42.	1.5	1.2	2.8
%RSD	.4789	.2655	.2105	.2916	.2305	.6531
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2032.	2243.	480.4	512.9	531.6	480.7
Stddev	2.	5.	1.9	.6	1.5	1.8
%RSD	.1006	.2126	.3953	.1248	.2746	.3809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-175016/2-a Acquired: 8/8/2013 13:55:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	508.8	482.3	491.8	83.70
Stddev	.2	.2	.8	33.80
%RSD	.0337	.0500	.1626	40.39
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6488.7	70872.	17676.
Stddev	32.5	169.	70.
%RSD	.50098	.23847	.39691

Sample Name: CCV Acquired: 8/8/2013 13:58:49 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120400.	2424.	1208.	9905.	963.9	122300.
Stddev	245.	4.	3.	2.	2.3	500.
%RSD	.2033	.1691	.2194	.0181	.2386	.4094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1212.	2463.	4892.	12110.	98490.	48620.
Stddev	1.	1.	17.	19.	347.	90.
%RSD	.0980	.0272	.3394	.1605	.3525	.1844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121100.	4932.	121300.	2471.	7416.	984.9
Stddev	532.	32.	104.	2.	5.	2.3
%RSD	.4391	.6435	.0860	.0829	.0722	.2304
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2442.	2468.	2414.	2439.	982.0	2458.
Stddev	6.	1.	5.	7.	2.3	1.
%RSD	.2625	.0367	.2001	.2787	.2390	.0494
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 13:58:49 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.7	4913.	9750.	9355.
Stddev	3.9	60.	17.	95.
%RSD	.3892	1.227	.1782	1.013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5992.3	66056.	17054.
Stddev	13.5	53.	54.
%RSD	.22559	.07963	.31889

Sample Name: CCB Acquired: 8/8/2013 14:02:27 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.53	1.085	.4960	.3550	.2741	8.546
Stddev	12.70	1.535	.3487	.3521	.0531	.813
%RSD	120.6	141.5	70.30	99.18	19.37	9.514
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0113	.1009	.3142	.8351	6.467	31.46
Stddev	.0520	.1459	.2597	1.010	3.271	6.62
%RSD	459.5	144.5	82.67	120.9	50.58	21.04
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.273	.2572	64.82	.0141	1.124	1.589
Stddev	3.779	.0971	23.88	.3585	.353	1.571
%RSD	71.66	37.76	36.85	2537.	31.39	98.88
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.586	1.834	-.0074	-.0111	14.35	5.485
Stddev	1.680	.409	.0517	.0860	1.30	1.232
%RSD	64.97	22.29	698.6	774.5	9.045	22.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 14:02:27 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0850	.2265	2.253	27.57
Stddev	.1612	.1308	.637	14.64
%RSD	189.6	57.74	28.26	53.09
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6566.3	72245.	17567.
Stddev	13.1	365.	89.
%RSD	.19991	.50473	.50456

Sample Name: mb 460-175016/1-a Acquired: 8/8/2013 14:06:12 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.39	.4644	.5217	.1349	.2358	11.11
Stddev	5.27	.8180	.5939	.0484	.0124	2.88
%RSD	36.60	176.1	113.8	35.87	5.251	25.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1040	.1337	.1852	-1.215	2.384	-4.064
Stddev	.0385	.1079	.5764	.872	6.275	3.382
%RSD	37.05	80.72	311.3	71.78	263.3	83.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.409	.0654	11.80	.2869	.2239	-.6708
Stddev	3.327	.0150	6.19	.4248	1.446	1.147
%RSD	138.1	22.95	52.46	148.1	646.1	171.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.075	2.756	.1181	-.0886	11.00	.9779
Stddev	1.105	.734	.4238	.2011	.68	.4709
%RSD	102.7	26.64	358.7	227.0	6.183	48.15
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-175016/1-a Acquired: 8/8/2013 14:06:12 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0446	.0457	-.0442	5.274
Stddev	.6350	.0358	.5292	7.073
%RSD	1425.	78.42	1197.	134.1
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6711.0	73294.	17737.
Stddev	33.2	422.	75.
%RSD	.49438	.57633	.42503

Sample Name: 460-60793-f-1-c ms Acquired: 8/8/2013 14:09:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2081.	2210.	56.43	2135.	48.35	F 353000.
Stddev	22.	5.	.85	2.	.07	562.
%RSD	1.040	.2068	1.503	.0842	.1429	.1591
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	47.48	470.9	193.0	253.5	1004.	79100.
Stddev	.16	.5	.7	.4	3.	134.
%RSD	.3303	.1159	.3794	.1616	.3143	.1699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 348300.	1187.	F 950100.	473.7	461.9	488.9
Stddev	2007.	2.	107300.	1.3	1.8	1.7
%RSD	.5763	.1691	11.29	.2705	.3844	.3533
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2161.	1760.	485.8	542.2	F 14580.	476.5
Stddev	5.	6.	.8	.8	7.	2.6
%RSD	.2395	.3355	.1720	.1392	.0463	.5407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60793-f-1-c ms Acquired: 8/8/2013 14:09:56 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	466.3	6033.	511.2	18970.
Stddev	1.9	32.	2.0	75.
%RSD	.4091	.5370	.3837	.3967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5057.3	54512.	15911.
Stddev	8.4	15.	107.
%RSD	.16655	.02759	.66991

Sample Name: pds 460-60793-f-1-a Acquired: 8/8/2013 14:13:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2035.	2141.	55.24	2094.	47.32	F 346000.
Stddev	18.	3.	1.16	1.	.09	939.
%RSD	.8698	.1312	2.102	.0359	.1888	.2715
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.50	461.2	189.3	249.8	988.5	78080.
Stddev	.15	1.3	1.1	2.0	16.6	155.
%RSD	.3155	.2831	.5669	.7873	1.675	.1990
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 342800.	1166.	F 881900.	466.7	454.7	459.1
Stddev	465.	3.	43080.	1.1	.8	2.3
%RSD	.1357	.2572	4.885	.2382	.1751	.5013
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2113.	1733.	475.6	533.3	F 14330.	467.4
Stddev	7.	8.	.6	2.1	42.	1.6
%RSD	.3153	.4351	.1352	.3949	.2899	.3324
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: pds 460-60793-f-1-a Acquired: 8/8/2013 14:13:52 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	457.1	6032.	500.4	18670.
Stddev	1.3	31.	2.7	87.
%RSD	.2759	.5150	.5386	.4672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5070.2	54714.	15867.
Stddev	6.3	83.	122.
%RSD	.12503	.15204	.76591

Sample Name: 460-60686-f-1-a Acquired: 8/8/2013 14:17:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17130.	F 26840.	1.245	224.0	.7788	135600.
Stddev	25.	23.	.302	.2	.1098	267.
%RSD	.1483	.0847	24.23	.1033	14.10	.1968
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		5000.				
Low Limit		-10.00				

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8744	14.97	25.61	205.0	32150.	12540.
Stddev	.0588	.21	.22	.1	85.	24.
%RSD	6.730	1.433	.8641	.0429	.2629	.1877
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31500.	955.0	145500.	35.38	181.7	25.97
Stddev	56.	1.8	1391.	.72	1.7	1.50
%RSD	.1788	.1836	.9560	2.026	.9391	5.789
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.586	.5435	42.19	2811.	1055.	9.399
Stddev	2.776	.4586	.20	11.	5.	.729
%RSD	77.40	84.37	.4704	.4062	.4388	7.757
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60686-f-1-a Acquired: 8/8/2013 14:17:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	16.98	743.2	525.7	F 35280.
Stddev	.47	1.8	.5	60.
%RSD	2.739	.2465	.0988	.1714
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6258.6	68685.	17728.
Stddev	12.5	196.	74.
%RSD	.19924	.28571	.41912

Sample Name: 460-60798-a-1-a Acquired: 8/8/2013 14:21:27 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38.12	7.587	1.251	700.6	-.5208	129100.
Stddev	9.95	1.689	.869	.9	.0191	465.
%RSD	26.11	22.27	69.43	.1289	3.665	.3600
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2466	2.791	.2103	1.192	40.62	78620.
Stddev	.0957	.216	.5114	.868	2.45	61.
%RSD	38.80	7.730	243.1	72.81	6.024	.0777
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 282100.	2908.	F 843400.	8.571	-.5611	-.5848
Stddev	1112.	8.	71270.	.341	.8391	.8833
%RSD	.3940	.2856	8.450	3.979	149.5	151.0
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-3.613	2.431	.3929	2.199	1347.	3.495
Stddev	1.739	.835	.2179	.113	2.	.292
%RSD	48.13	34.33	55.44	5.123	.1204	8.361
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60798-a-1-a Acquired: 8/8/2013 14:21:27 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.0324	1606.	12.82	11140.
Stddev	.2255	1.	.86	49.
%RSD	696.9	.0821	6.698	.4394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5349.5	57946.	16516.
Stddev	9.4	97.	75.
%RSD	.17644	.16702	.45690

Sample Name: 460-60686-f-1-a@10 Acquired: 8/8/2013 14:28:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1686.	2614.	.4414	22.70	.2707	13150.
Stddev	12.	5.	.0486	.12	.0460	25.
%RSD	.7274	.1982	11.00	.5503	17.00	.1907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0939	1.528	2.839	20.57	3292.	1250.
Stddev	.0934	.112	.464	1.34	10.	4.
%RSD	99.46	7.315	16.34	6.500	.3163	.2830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3158.	97.45	15980.	3.651	19.06	2.059
Stddev	3.	.13	36.	.194	.90	.233
%RSD	.0921	.1284	.2277	5.320	4.744	11.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7392	.3464	4.227	287.3	112.1	.9228
Stddev	.5609	.6801	.366	.7	.3	.2565
%RSD	75.87	196.3	8.668	.2610	.2488	27.80
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60686-f-1-a@10 Acquired: 8/8/2013 14:28:07 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.580	73.92	52.13	3337.
Stddev	.331	.06	.33	10.
%RSD	20.98	.0800	.6400	.2901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6484.5	71676.	17699.
Stddev	9.0	70.	44.
%RSD	.13898	.09701	.24686

Sample Name: 460-60793-f-3-a Acquired: 8/8/2013 14:31:44 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	397.4	14.05	.7113	66.83	.1555	F 311500.
Stddev	22.9	3.25	.2008	.42	.0581	1185.
%RSD	5.754	23.15	28.22	.6217	37.37	.3805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1838	.8596	-1.340	3.811	2244.	58190.
Stddev	.0782	.1682	.358	2.490	5.	230.
%RSD	42.53	19.57	26.71	65.34	.2172	.3959
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 313300.	471.4	F 877600.	3.207	19.12	-1.132
Stddev	749.	.6	75920.	.812	.77	.949
%RSD	.2392	.1316	8.650	25.32	4.051	83.82
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.384	3.866	1.042	2193.	F 13510.	6.454
Stddev	2.138	.493	.247	5.	27.	.144
%RSD	89.69	12.75	23.69	.2053	.1975	2.236
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60793-f-3-a Acquired: 8/8/2013 14:31:44 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3030	4864.	34.12	F 21030.
Stddev	.2599	6.	.51	58.
%RSD	85.79	.1199	1.488	.2769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5111.7	55398.	16040.
Stddev	9.7	219.	80.
%RSD	.18896	.39500	.50122

Sample Name: 460-60796-g-1-a Acquired: 8/8/2013 14:35:47 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	56.73	29.52	.9406	186.0	.0317	F 334500.
Stddev	9.46	2.53	.8319	.1	.0606	727.
%RSD	16.68	8.562	88.44	.0616	190.8	.2172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0798	1.839	-3.078	2.255	43.42	59510.
Stddev	.0239	.499	.208	.435	11.58	35.
%RSD	29.99	27.14	6.752	19.27	26.68	.0587
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 332000.	640.0	F 840100.	7.346	-.4660	.3459
Stddev	489.	.6	43910.	.282	1.483	1.260
%RSD	.1474	.0914	5.227	3.835	318.2	364.4
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.888	2.270	2.720	56.34	F 14310.	7.516
Stddev	1.282	1.273	.266	.16	23.	.296
%RSD	67.92	56.08	9.772	.2787	.1636	3.940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60796-g-1-a Acquired: 8/8/2013 14:35:47 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-1.286	5710.	22.56	18980.
Stddev	.303	90.	.57	86.
%RSD	23.58	1.584	2.511	.4525
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5044.7	54720.	15958.
Stddev	9.8	165.	82.
%RSD	.19376	.30138	.51342

Sample Name: 460-60698-e-1-a Acquired: 8/8/2013 14:39:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	66370.	11.56	1.918	201.8	16.71	98220.
Stddev	28.	.81	.080	.2	.03	491.
%RSD	.0426	7.021	4.149	.0949	.1716	.4999
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.670	223.4	110.1	177.3	126300.	10660.
Stddev	.194	.3	1.5	1.4	529.	9.
%RSD	11.61	.1219	1.370	.7730	.4186	.0881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26810.	5475.	F 316600.	97.50	137.6	-16.38
Stddev	166.	23.	2422.	1.24	1.4	.59
%RSD	.6191	.4254	.7650	1.274	.9840	3.615
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9310	-2.967	33.84	565.8	275.2	12.64
Stddev	1.132	.622	.64	1.1	4.5	.35
%RSD	121.6	20.97	1.884	.1992	1.639	2.773
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-1-a Acquired: 8/8/2013 14:39:50 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	948.6	415.4	213.3	F 70740.
Stddev	9.9	.5	6.2	268.
%RSD	1.042	.1237	2.891	.3782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				20000.
Low Limit				-200.0

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	7027.9	75971.	20421.
Stddev	28.0	149.	58.
%RSD	.39826	.19586	.28646

Sample Name: 460-60698-e-2-a Acquired: 8/8/2013 14:43:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16250.	1.966	1.593	41.66	1.437	81430.
Stddev	73.	1.692	.153	.09	.062	235.
%RSD	.4463	86.05	9.577	.2170	4.318	.2886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.314	143.5	15.83	54.41	9873.	6913.
Stddev	.069	.4	.27	.78	23.	13.
%RSD	5.281	.2879	1.704	1.436	.2360	.1908
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15720.	4387.	F 290500.	47.84	13.21	-9.423
Stddev	49.	15.	4684.	.57	.64	1.279
%RSD	.3091	.3462	1.612	1.197	4.841	13.57
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7456	2.970	4.985	396.1	470.7	1.608
Stddev	.5449	1.375	.112	1.7	.3	.286
%RSD	73.08	46.28	2.246	.4322	.0579	17.81
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-2-a Acquired: 8/8/2013 14:43:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	529.9	282.8	59.64	19320.
Stddev	1.6	.6	1.26	111.
%RSD	.2946	.2279	2.108	.5759
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6511.6	71356.	18716.
Stddev	15.4	275.	42.
%RSD	.23661	.38606	.22419

Sample Name: CCV Acquired: 8/8/2013 14:47:32 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120200.	2440.	1205.	9918.	960.7	120800.
Stddev	73.	11.	1.	14.	.0	268.
%RSD	.0603	.4544	.0685	.1364	.0035	.2222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1210.	2463.	4848.	12100.	97630.	48690.
Stddev	1.	3.	6.	10.	164.	69.
%RSD	.1193	.1197	.1225	.0834	.1684	.1415
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119500.	4895.	119500.	2467.	7397.	985.1
Stddev	260.	20.	587.	4.	10.	.8
%RSD	.2172	.4167	.4911	.1584	.1335	.0832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2456.	2472.	2405.	2411.	988.7	2463.
Stddev	4.	7.	3.	6.	1.0	2.
%RSD	.1479	.2685	.1325	.2636	.1028	.0781
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 14:47:32 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	996.4	4915.	9748.	9496.
Stddev	1.2	25.	6.	26.
%RSD	.1213	.5157	.0593	.2728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5978.9	66492.	17338.
Stddev	21.0	320.	98.
%RSD	.35103	.48179	.56611

Sample Name: CCB Acquired: 8/8/2013 14:51:08 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.98	.9639	.5348	.3714	.3136	9.832
Stddev	8.42	1.427	.1666	.2804	.0959	3.080
%RSD	64.85	148.0	31.16	75.50	30.59	31.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0233	.1616	.2352	.2705	11.06	29.92
Stddev	.1181	.1349	.3274	1.555	2.15	16.00
%RSD	507.3	83.47	139.2	574.8	19.40	53.45
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.627	.3085	162.1	-.1558	.2925	1.095
Stddev	2.662	.1697	31.0	.1177	.0683	1.014
%RSD	163.6	55.02	19.13	75.54	23.34	92.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.335	2.390	-.0595	.0542	16.46	5.301
Stddev	.813	.727	.2368	.1574	.89	.894
%RSD	24.37	30.44	397.9	290.3	5.390	16.86
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 14:51:08 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.7000	.2152	2.680	16.41
Stddev	.4615	.2157	1.205	9.42
%RSD	65.93	100.2	44.96	57.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6573.8	73170.	17724.
Stddev	4.9	187.	43.
%RSD	.07429	.25524	.24246

Sample Name: 460-60698-b-3-a Acquired: 8/8/2013 14:54:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6404.	2.350	.5727	122.0	1.537	11860.
Stddev	44.	1.828	.6196	.1	.050	74.
%RSD	.6812	77.79	108.2	.0691	3.234	.6216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2540	43.28	5.839	23.85	8234.	2647.
Stddev	.0811	.20	.327	.73	55.	16.
%RSD	31.94	.4668	5.595	3.081	.6640	.6183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5240.	705.9	17240.	8.087	6.680	-.6507
Stddev	29.	2.9	61.	.392	1.055	1.501
%RSD	.5600	.4067	.3517	4.848	15.80	230.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2030	1.865	3.338	67.46	73.95	1.083
Stddev	.7378	1.251	.410	.15	.46	.065
%RSD	363.4	67.09	12.28	.2280	.6246	6.025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-b-3-a Acquired: 8/8/2013 14:54:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	26.30	51.64	35.26	9735.
Stddev	.28	.52	1.28	104.
%RSD	1.078	1.005	3.628	1.068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6648.3	73108.	18225.
Stddev	24.7	215.	73.
%RSD	.37098	.29417	.39877

Sample Name: 460-60698-e-4-a Acquired: 8/8/2013 14:58:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12480.	2.774	.6501	264.6	2.915	16950.
Stddev	27.	.913	.2112	.7	.058	108.
%RSD	.2172	32.93	32.49	.2483	1.985	.6355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2095	26.07	11.27	17.50	12200.	5881.
Stddev	.0305	.19	.12	1.16	85.	17.
%RSD	14.54	.7203	1.087	6.644	.6941	.2842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8083.	209.8	36000.	15.93	13.16	-2.893
Stddev	40.	1.1	65.	.25	1.33	.721
%RSD	.4991	.5029	.1819	1.588	10.10	24.92
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6207	1.452	7.411	53.68	55.90	.6068
Stddev	1.071	.151	.246	.30	.49	.2356
%RSD	172.5	10.40	3.323	.5671	.8766	38.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-4-a Acquired: 8/8/2013 14:58:31 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	142.6	98.66	52.56	15950.
Stddev	1.5	.45	.62	42.
%RSD	1.069	.4550	1.187	.2656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6617.3	72827.	18347.
Stddev	9.3	129.	35.
%RSD	.14045	.17775	.18989

Sample Name: 460-60698-e-5-a Acquired: 8/8/2013 15:02:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5483.	2.294	.4987	106.7	1.518	4805.
Stddev	24.	1.225	.0863	.2	.030	29.
%RSD	.4384	53.40	17.32	.1911	1.984	.5940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1759	11.05	12.06	67.17	7330.	1968.
Stddev	.1183	.16	.12	.91	23.	12.
%RSD	67.26	1.488	.9564	1.350	.3183	.5923
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3273.	110.2	10400.	11.64	53.47	-1.911
Stddev	14.	.3	7.	.47	.61	.834
%RSD	.4224	.2313	.0715	4.041	1.146	43.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.479	1.198	3.714	101.4	39.19	.4933
Stddev	.800	.278	.321	.6	.09	.1312
%RSD	54.10	23.20	8.636	.5929	.2335	26.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-5-a Acquired: 8/8/2013 15:02:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	55.39	40.22	35.63	10520.
Stddev	.34	.22	2.05	52.
%RSD	.6132	.5346	5.760	.4918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6638.2	73200.	18236.
Stddev	13.7	329.	37.
%RSD	.20597	.44964	.20072

Sample Name: 460-60698-e-6-a Acquired: 8/8/2013 15:05:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7169.	1.713	.2247	101.1	1.883	2436.
Stddev	16.	.969	.2620	.4	.055	11.
%RSD	.2286	56.55	116.6	.4024	2.897	.4487
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0997	10.01	19.78	12.97	13350.	4118.
Stddev	.0191	.23	.34	.28	71.	21.
%RSD	19.16	2.261	1.736	2.120	.5288	.5025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3149.	88.00	3448.	12.80	8.055	.4638
Stddev	22.	.36	24.	.37	.712	1.705
%RSD	.6905	.4098	.6877	2.915	8.844	367.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.574	1.106	4.877	36.39	24.16	.2696
Stddev	2.355	.960	.205	.28	.54	.2376
%RSD	149.6	86.80	4.214	.7749	2.227	88.14
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-6-a Acquired: 8/8/2013 15:05:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.6526	34.23	23.89	11970.
Stddev	.5719	.46	1.38	162.
%RSD	87.63	1.353	5.768	1.356
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6642.8	73206.	18233.
Stddev	24.0	652.	325.
%RSD	.36173	.89107	1.7824

Sample Name: 460-60698-e-7-a Acquired: 8/8/2013 15:09:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.381	1.251	.3606	.1270	.2157	45.14
Stddev	13.74	.815	.1975	.1643	.0138	2.26
%RSD	215.4	65.14	54.75	129.3	6.393	5.004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0684	.1340	.3419	.6682	.7704	12.21
Stddev	.0499	.2094	.5705	.4445	9.638	13.57
%RSD	73.02	156.3	166.9	66.52	1251.	111.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.162	.1253	199.6	.0221	.5242	.5236
Stddev	1.476	.0380	3.6	.4456	.1034	1.475
%RSD	127.0	30.32	1.794	2016.	19.73	281.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.358	3.071	.1449	1.505	10.29	-.1491
Stddev	1.281	.898	.0430	.070	.10	.0590
%RSD	94.30	29.24	29.67	4.647	.9795	39.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60698-e-7-a Acquired: 8/8/2013 15:09:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5860	.0800	.1199	19.93
Stddev	.0788	.0219	.2884	11.32
%RSD	13.45	27.34	240.5	56.79
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6602.2	72895.	17766.
Stddev	21.4	195.	44.
%RSD	.32462	.26694	.24513

Sample Name: 460-60648-j-1-a Acquired: 8/8/2013 15:13:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	291.9	52.48	1.205	273.2	-.0100	92920.
Stddev	7.3	.73	.493	.5	.0532	269.
%RSD	2.499	1.385	40.91	.1912	532.0	.2895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7788	2.466	.6895	2.032	40720.	3328.
Stddev	.1390	.152	.2256	.906	125.	19.
%RSD	17.85	6.166	32.72	44.56	.3076	.5645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9706.	1155.	87470.	.7175	1.489	-.5282
Stddev	27.	3.	222.	.2791	1.042	1.927
%RSD	.2791	.2618	.2542	38.90	69.96	364.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4440	.6965	-.2428	16.12	205.8	1.389
Stddev	2.504	.7556	.4109	.14	.8	.047
%RSD	563.8	108.5	169.3	.8584	.3739	3.346
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60648-j-1-a Acquired: 8/8/2013 15:13:09 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3566	352.5	11.66	6475.
Stddev	.2927	1.1	1.23	26.
%RSD	82.10	.3089	10.53	.3997
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6241.5	68787.	17369.
Stddev	6.9	176.	70.
%RSD	.11034	.25650	.40170

Sample Name: 460-60648-j-3-a Acquired: 8/8/2013 15:16:47 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19.62	11.55	.8080	86.19	.0523	66510.
Stddev	4.86	.36	.2248	.30	.1524	210.
%RSD	24.75	3.106	27.82	.3508	291.4	.3162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1182	.8924	2.215	-.3727	25900.	4301.
Stddev	.0570	.1492	.075	.1986	76.	6.
%RSD	48.27	16.72	3.371	53.29	.2931	.1511
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10690.	790.9	82650.	1.464	.5104	-.5670
Stddev	35.	1.6	166.	.103	.8518	2.092
%RSD	.3236	.2062	.2012	7.071	166.9	368.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.121	.7369	-.1366	2.598	124.9	.7872
Stddev	.434	.1751	.1983	.181	.5	.2618
%RSD	38.67	23.76	145.1	6.986	.4259	33.25
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60648-j-3-a Acquired: 8/8/2013 15:16:47 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5449	372.6	4.434	8775.
Stddev	.1865	.6	.605	18.
%RSD	34.22	.1511	13.64	.2020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6270.3	68977.	17390.
Stddev	11.8	77.	61.
%RSD	.18839	.11162	.35234

Sample Name: 460-60648-j-5-a Acquired: 8/8/2013 15:20:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.108	21.81	2.195	167.8	-1.977	19870.
Stddev	2.800	.87	.303	.2	.005	80.
%RSD	34.54	3.985	13.79	.1302	.2448	.4005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1481	1.575	2.875	-.6309	14340.	6480.
Stddev	.0275	.143	.362	1.022	34.	21.
%RSD	18.56	9.093	12.61	162.0	.2347	.3213
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3971.	8926.	75690.	2.576	-.1296	.0059
Stddev	6.	21.	125.	.576	.8923	1.241
%RSD	.1582	.2403	.1656	22.36	688.7	21140.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.691	3.126	-.4691	46.67	80.29	1.182
Stddev	2.496	1.075	.1657	.20	.13	.153
%RSD	92.74	34.38	35.33	.4230	.1574	12.90
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60648-j-5-a Acquired: 8/8/2013 15:20:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.6129	129.9	.8308	4443.
Stddev	.4947	.4	.2047	15.
%RSD	80.71	.3294	24.64	.3452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6375.8	69631.	17294.
Stddev	5.9	118.	56.
%RSD	.09245	.16995	.32653

Sample Name: 460-60648-j-5-b ms Acquired: 8/8/2013 15:24:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1981.	2013.	49.72	2207.	47.92	40240.
Stddev	12.	2.	1.18	1.	.19	138.
%RSD	.5999	.1215	2.378	.0605	.4014	.3435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.80	508.3	204.7	248.0	15270.	26050.
Stddev	.11	.7	1.2	1.5	83.	73.
%RSD	.2214	.1360	.6007	.6009	.5468	.2800
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23760.	9331.	95140.	518.0	518.2	449.9
Stddev	106.	39.	390.	.4	1.1	3.9
%RSD	.4443	.4205	.4102	.0785	.2074	.8556
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2039.	2170.	483.7	552.7	592.2	482.1
Stddev	3.	2.	1.1	1.3	1.5	2.6
%RSD	.1417	.1082	.2316	.2274	.2473	.5297
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60648-j-5-b ms Acquired: 8/8/2013 15:24:11 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	506.2	614.1	494.4	4574.
Stddev	.6	.2	1.3	43.
%RSD	.1137	.0266	.2656	.9496
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6271.8	68536.	17349.
Stddev	17.7	116.	49.
%RSD	.28288	.16978	.28024

Sample Name: 460-60754-b-1-a Acquired: 8/8/2013 15:27:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	72.11	2.551	.3001	89.39	.2644	86450.
Stddev	5.45	1.077	.2870	.27	.0538	401.
%RSD	7.553	42.23	95.63	.3073	20.34	.4641
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1636	.4463	.1882	321.5	136.4	15300.
Stddev	.1070	.0752	.4737	2.1	1.8	24.
%RSD	65.41	16.85	251.7	.6628	1.308	.1598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15100.	55.10	210400.	10.30	1.333	2.270
Stddev	54.	.50	3132.	.03	.609	.415
%RSD	.3581	.9097	1.489	.3065	45.73	18.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.465	1.659	.0238	137.0	90.63	5.228
Stddev	3.991	1.224	.2271	.8	.12	.838
%RSD	272.4	73.74	953.4	.5555	.1322	16.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60754-b-1-a Acquired: 8/8/2013 15:27:40 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.483	413.8	10.19	2468.
Stddev	.048	.5	.60	13.
%RSD	3.238	.1186	5.869	.5318
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6119.7	67657.	17526.
Stddev	18.1	86.	80.
%RSD	.29553	.12679	.45921

Sample Name: CCV Acquired: 8/8/2013 15:31:30 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120700.	2436.	1208.	9930.	963.8	122300.
Stddev	287.	4.	2.	3.	2.3	422.
%RSD	.2377	.1622	.2019	.0308	.2375	.3453
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1214.	2468.	4893.	12130.	98530.	49020.
Stddev	1.	2.	11.	23.	127.	147.
%RSD	.0561	.0975	.2234	.1893	.1288	.2992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	4930.	123000.	2473.	7439.	983.4
Stddev	380.	19.	102.	2.	4.	3.1
%RSD	.3138	.3771	.0826	.0776	.0581	.3110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2481.	2416.	2436.	972.6	2461.
Stddev	3.	2.	2.	4.	.3	5.
%RSD	.1222	.0838	.0994	.1708	.0308	.2151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 15:31:30 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	997.8	4922.	9769.	9294.
Stddev	.3	51.	19.	33.
%RSD	.0345	1.041	.1922	.3558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5940.6	65512.	16760.
Stddev	28.0	245.	42.
%RSD	.47162	.37359	.25249

Sample Name: CCB Acquired: 8/8/2013 15:35:09 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.54	.4495	.5592	.4487	.3154	9.477
Stddev	5.33	.3986	.7593	.5469	.0512	8.347
%RSD	42.51	88.67	135.8	121.9	16.24	88.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0764	.2158	.9095	-.3276	17.53	26.55
Stddev	.0196	.1438	.5654	1.330	6.79	3.09
%RSD	25.65	66.62	62.17	406.0	38.71	11.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6.397	.3712	55.23	.3666	-.0614	.1225
Stddev	10.15	.3352	26.56	.3912	.4645	.1728
%RSD	158.7	90.31	48.09	106.7	756.5	141.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.033	2.836	.3030	.1436	6.294	5.671
Stddev	1.554	.824	.0891	.1495	.352	1.072
%RSD	150.5	29.06	29.41	104.1	5.595	18.91
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 15:35:09 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1210	.3946	2.097	10.49
Stddev	.2815	.2840	.489	3.64
%RSD	232.6	71.95	23.35	34.70
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6538.5	72066.	17302.
Stddev	8.0	74.	95.
%RSD	.12258	.10248	.54814

Sample Name: 460-60756-b-1-a Acquired: 8/8/2013 15:38:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	60.35	1.580	.6163	35.16	.2755	28400.
Stddev	3.00	1.807	.6733	.22	.0477	123.
%RSD	4.977	114.4	109.3	.6295	17.33	.4347
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3026	.5178	1.197	42.43	977.3	5375.
Stddev	.0931	.1666	.035	.78	3.3	9.
%RSD	30.76	32.17	2.932	1.842	.3394	.1659
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5532.	35.64	81200.	1.983	1.512	-.6320
Stddev	15.	.23	319.	.400	.416	.9219
%RSD	.2637	.6391	.3923	20.18	27.53	145.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4447	1.411	.0913	52.49	53.67	78.13
Stddev	.4977	2.600	.0937	.32	.29	.73
%RSD	111.9	184.2	102.7	.6009	.5312	.9332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60756-b-1-a Acquired: 8/8/2013 15:38:55 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4208	196.0	3.699	1700.
Stddev	.6631	.1	.712	14.
%RSD	157.6	.0538	19.24	.8050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6391.0	70047.	17484.
Stddev	22.2	271.	60.
%RSD	.34668	.38653	.34160

Sample Name: 460-60685-c-2-a Acquired: 8/8/2013 15:42:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	153.5	7.346	.7268	91.19	.2817	53340.
Stddev	7.4	.378	.4935	.24	.0678	97.
%RSD	4.818	5.143	67.90	.2620	24.06	.1824
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3004	1.019	1.669	43.18	953.8	10700.
Stddev	.0917	.196	.241	1.37	3.3	13.
%RSD	30.51	19.19	14.44	3.160	.3439	.1201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16020.	157.2	91900.	10.47	1.000	.2929
Stddev	43.	.3	123.	.31	.247	1.302
%RSD	.2682	.2098	.1342	2.928	24.70	444.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3056	1.836	.9864	45.87	104.2	16.02
Stddev	1.654	1.077	.1921	.13	.6	.22
%RSD	541.2	58.65	19.47	.2784	.5923	1.383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60685-c-2-a Acquired: 8/8/2013 15:42:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1353	264.4	8.017	5544.
Stddev	.2595	.7	.337	36.
%RSD	191.8	.2664	4.203	.6417
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6281.7	69251.	17369.
Stddev	23.0	181.	56.
%RSD	.36675	.26196	.32060

Sample Name: 460-60758-j-1-a Acquired: 8/8/2013 15:46:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18.30	3.496	.5307	18.89	.2916	30390.
Stddev	.90	.409	.1715	.19	.0216	172.
%RSD	4.926	11.69	32.32	1.028	7.421	.5644
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1481	.3156	1.156	1.714	15.69	4763.
Stddev	.0718	.2511	.323	.481	6.11	16.
%RSD	48.46	79.56	27.93	28.05	38.94	.3431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4947.	15.13	82460.	.2394	-.1436	.3949
Stddev	32.	.04	223.	.2368	.7926	1.481
%RSD	.6493	.2876	.2705	98.91	551.9	375.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.024	2.123	.8362	2.434	73.17	6.731
Stddev	1.701	1.055	.1915	.068	.10	.155
%RSD	166.1	49.72	22.91	2.786	.1424	2.300
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60758-j-1-a Acquired: 8/8/2013 15:46:13 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4639	94.09	3.976	5817.
Stddev	.0880	.14	.570	2.
%RSD	18.97	.1484	14.33	.0262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6357.8	69557.	17429.
Stddev	12.3	181.	32.
%RSD	.19353	.26059	.18505

Sample Name: 460-60614-a-2-c du Acquired: 8/8/2013 15:49:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	374.1	-.4026	.5603	8.676	.3068	15440.
Stddev	5.8	1.695	.3570	.349	.0074	83.
%RSD	1.557	421.0	63.73	4.020	2.400	.5355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0497	.1306	6.989	1.338	170.3	869.8
Stddev	.0778	.0670	.290	1.332	2.4	13.3
%RSD	156.4	51.26	4.153	99.55	1.402	1.533
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1465.	9.881	1276.	-.2311	-.0512	1.250
Stddev	6.	.012	6.	.2809	.6162	1.035
%RSD	.4165	.1176	.4388	121.6	1202.	82.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2429	1.514	2.777	3.442	14.07	1.205
Stddev	.5010	.361	.318	.118	.18	.138
%RSD	206.3	23.86	11.47	3.430	1.266	11.42
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-2-c du Acquired: 8/8/2013 15:49:54 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4487	40.56	8.600	937.5
Stddev	.2207	.11	1.499	10.7
%RSD	49.19	.2625	17.44	1.144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6476.1	71789.	17553.
Stddev	19.9	158.	5.
%RSD	.30793	.21979	.02798

Sample Name: 460-60614-a-2-b Acquired: 8/8/2013 15:53:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	364.2	1.165	.6428	8.703	.2264	15740.
Stddev	5.1	.425	.1895	.237	.0637	47.
%RSD	1.403	36.51	29.48	2.728	28.13	.3003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0930	.1100	6.951	2.141	166.0	885.4
Stddev	.0524	.0599	.466	1.106	6.7	22.3
%RSD	56.33	54.45	6.708	51.65	4.049	2.517
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1489.	9.977	1277.	-.2885	-.1346	.8996
Stddev	6.	.064	6.	.1994	1.272	1.830
%RSD	.3830	.6392	.4338	69.12	944.6	203.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4733	1.215	2.468	2.703	13.96	.7557
Stddev	2.440	1.241	.061	.113	.53	.0800
%RSD	515.5	102.1	2.486	4.192	3.828	10.59
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-2-b Acquired: 8/8/2013 15:53:36 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.1474	41.29	7.809	931.6
Stddev	.5606	.03	1.196	9.5
%RSD	380.2	.0812	15.32	1.018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6489.6	71966.	17492.
Stddev	2.7	210.	89.
%RSD	.04107	.29210	.50955

Sample Name: sd 460-60614-a-2-b@5 Acquired: 8/8/2013 15:57:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	74.75	-.4576	.5884	1.776	.1881	3089.
Stddev	1.01	.5065	.1924	.172	.0280	11.
%RSD	1.349	110.7	32.70	9.701	14.86	.3495
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0819	.1546	1.783	.1623	41.59	175.1
Stddev	.0804	.2063	.224	.7991	9.75	21.5
%RSD	98.23	133.5	12.56	492.5	23.43	12.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	294.6	2.065	262.0	.4443	.0261	.5980
Stddev	.5	.049	3.5	.4529	.6474	.6109
%RSD	.1689	2.350	1.334	101.9	2485.	102.2
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8313	1.035	.6726	.8494	5.034	.0636
Stddev	.4596	1.081	.3468	.0869	.039	.1266
%RSD	55.28	104.4	51.56	10.24	.7667	198.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60614-a-2-b@5 Acquired: 8/8/2013 15:57:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.3394	8.049	2.583	212.3
Stddev	.0228	.062	.820	12.3
%RSD	6.711	.7754	31.74	5.793
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6572.1	72736.	17521.
Stddev	3.8	158.	64.
%RSD	.05744	.21730	.36342

Sample Name: 460-60614-a-2-d ms Acquired: 8/8/2013 16:01:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2338.	1928.	47.57	2071.	50.21	35800.
Stddev	10.	6.	.82	1.	.15	63.
%RSD	.4463	.3205	1.733	.0659	.3033	.1771
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.36	508.1	207.5	248.3	1183.	20340.
Stddev	.20	.0	.7	1.3	11.	45.
%RSD	.3929	.0097	.3449	.5233	.9531	.2209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20840.	522.9	21660.	518.5	518.8	449.7
Stddev	50.	.7	10.	1.4	.5	2.0
%RSD	.2394	.1424	.0480	.2605	.0990	.4355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1937.	2180.	485.3	502.4	504.4	492.6
Stddev	4.	6.	.6	1.0	.9	.7
%RSD	.1819	.2550	.1191	.1910	.1712	.1404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-2-d ms Acquired: 8/8/2013 16:01:03 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	504.2	527.1	503.6	1058.
Stddev	.4	.7	1.3	40.
%RSD	.0793	.1320	.2554	3.806
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6329.7	70260.	17401.
Stddev	5.4	159.	66.
%RSD	.08531	.22693	.37707

Sample Name: pds 460-60614-a-2-b Acquired: 8/8/2013 16:04:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2263.	1833.	44.92	1995.	48.22	34850.
Stddev	10.	5.	2.09	2.	.21	16.
%RSD	.4229	.2986	4.647	.0877	.4256	.0473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	48.61	490.6	199.8	237.1	1150.	19570.
Stddev	.04	.4	.8	1.1	8.	48.
%RSD	.0792	.0890	.3879	.4499	.7303	.2429
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20080.	503.4	20820.	498.8	499.7	425.9
Stddev	19.	.7	28.	.4	.9	1.5
%RSD	.0949	.1407	.1335	.0725	.1755	.3618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1872.	2095.	466.2	485.1	485.6	475.1
Stddev	5.	3.	.2	1.2	1.2	.4
%RSD	.2822	.1271	.0523	.2386	.2570	.0779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60614-a-2-b Acquired: 8/8/2013 16:04:25 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	486.3	507.9	484.1	1049.
Stddev	1.3	.2	1.8	22.
%RSD	.2624	.0340	.3646	2.104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6343.5	70430.	17592.
Stddev	8.7	158.	96.
%RSD	.13674	.22431	.54765

Sample Name: 460-60614-a-1-b Acquired: 8/8/2013 16:07:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	165.2	1.626	.6221	12.63	.2411	11360.
Stddev	6.7	.562	.2425	.19	.0116	24.
%RSD	4.070	34.58	38.98	1.507	4.809	.2109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0658	.4588	54.99	95.09	162.4	1655.
Stddev	.0560	.1868	.27	.45	3.9	19.
%RSD	85.16	40.71	.4927	.4686	2.381	1.168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1357.	20.98	7484.	4.707	33.39	4.455
Stddev	4.	.10	14.	.478	1.06	2.341
%RSD	.2628	.4796	.1899	10.15	3.190	52.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.980	1.522	2.569	210.6	40.97	3.097
Stddev	1.864	.636	.058	.2	.15	.318
%RSD	94.12	41.80	2.246	.1175	.3601	10.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-1-b Acquired: 8/8/2013 16:07:46 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	4.802	57.77	7.208	1081.
Stddev	.427	.13	.590	5.
%RSD	8.901	.2174	8.185	.4721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6501.3	72755.	17688.
Stddev	3.0	106.	46.
%RSD	.04643	.14622	.26011

Sample Name: lcs 460-175012/2-a Acquired: 8/8/2013 16:11:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2001.	1948.	48.02	2102.	51.09	19990.
Stddev	5.	1.	.27	3.	.15	6.
%RSD	.2416	.0460	.5688	.1198	.2979	.0290
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.34	518.2	202.8	250.6	1038.	19760.
Stddev	.14	.8	.4	2.4	9.	24.
%RSD	.2716	.1460	.1992	.9416	.8451	.1203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19550.	519.0	20710.	529.5	528.1	455.2
Stddev	24.	.3	20.	1.2	1.6	1.5
%RSD	.1209	.0667	.0990	.2188	.2955	.3256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1967.	2219.	488.9	509.8	502.5	502.0
Stddev	4.	2.	.2	1.3	1.5	1.7
%RSD	.2172	.1111	.0487	.2609	.3022	.3369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-175012/2-a Acquired: 8/8/2013 16:11:26 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	512.4	495.3	507.1	109.5
Stddev	1.3	.2	1.1	34.6
%RSD	.2599	.0438	.2178	31.61
Check ?	Chk Pass	Chk Pass	Chk Pass	None
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6359.4	71250.	17705.
Stddev	13.9	139.	13.
%RSD	.21867	.19520	.07606

Sample Name: CCV Acquired: 8/8/2013 16:14:49 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	2445.	1212.	9947.	970.0	122000.
Stddev	406.	6.	2.	26.	2.8	437.
%RSD	.3354	.2452	.2015	.2655	.2882	.3578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1216.	2470.	4827.	12150.	97370.	49160.
Stddev	3.	7.	19.	41.	359.	152.
%RSD	.2425	.2666	.3862	.3335	.3684	.3090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120400.	4906.	122700.	2481.	7423.	985.1
Stddev	484.	20.	2423.	6.	21.	5.8
%RSD	.4022	.4128	1.974	.2229	.2788	.5885
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2475.	2482.	2414.	2440.	976.7	2469.
Stddev	8.	11.	5.	7.	.8	8.
%RSD	.3062	.4310	.2084	.2871	.0773	.3208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 16:14:49 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	999.2	4949.	9844.	9442.
Stddev	2.2	57.	24.	42.
%RSD	.2172	1.162	.2457	.4474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6000.9	67096.	17188.
Stddev	13.7	285.	76.
%RSD	.22832	.42539	.44279

Sample Name: CCB Acquired: 8/8/2013 16:18:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.85	.0244	.6344	.5357	.3464	16.37
Stddev	9.69	.9170	.0560	.3862	.0618	11.14
%RSD	75.40	3762.	8.823	72.09	17.84	68.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1330	.2054	.4020	1.996	10.67	29.25
Stddev	.0546	.0273	.4570	.966	8.36	25.76
%RSD	41.03	13.27	113.7	48.41	78.38	88.08
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.729	.4512	20.09	-.0783	.2375	.5271
Stddev	8.284	.2628	18.70	.2664	.8433	1.075
%RSD	107.2	58.25	93.06	340.0	355.0	203.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.916	2.677	.5138	.1204	3.583	5.166
Stddev	.724	.853	.2333	.1050	.387	.858
%RSD	37.82	31.87	45.41	87.18	10.79	16.60
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 16:18:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.2530	.3391	2.912	23.34
Stddev	.2338	.2839	.766	5.65
%RSD	92.41	83.72	26.30	24.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6578.9	73597.	17661.
Stddev	12.0	316.	69.
%RSD	.18201	.42966	.39022

Sample Name: mb 460-175012/1-a Acquired: 8/8/2013 16:22:17 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.631	-.1070	.7329	.0818	.2985	34.38
Stddev	5.445	.4746	.3782	.2213	.0751	2.15
%RSD	56.53	443.7	51.61	270.7	25.15	6.253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0106	.1961	.1429	.2430	3.676	23.87
Stddev	.0038	.0779	.2041	1.473	1.977	17.79
%RSD	35.71	39.74	142.8	606.2	53.78	74.53
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8096	.0422	-1.383	-.0558	-.2180	.0690
Stddev	1.527	.0171	5.541	.1776	1.095	.8649
%RSD	188.6	40.38	400.6	318.4	502.1	1254.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2867	1.553	.1551	.3631	4.193	.8952
Stddev	.7136	1.503	.3558	.0587	.464	.2727
%RSD	248.9	96.75	229.4	16.17	11.08	30.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-175012/1-a Acquired: 8/8/2013 16:22:17 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5467	.1525	.0264	18.69
Stddev	.2208	.0253	1.028	2.34
%RSD	40.39	16.58	3894.	12.53
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6572.0	73780.	17711.
Stddev	4.6	142.	61.
%RSD	.06989	.19273	.34686

Sample Name: lb 460-174706/1-c Acquired: 8/8/2013 16:26:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.98	.0167	.9874	1.824	.3048	337.5
Stddev	3.24	1.186	.1832	.221	.0883	5.2
%RSD	19.08	7111.	18.56	12.10	28.99	1.549
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0361	.1162	1.581	1.376	12.70	15.14
Stddev	.1048	.0119	.111	.810	3.32	10.24
%RSD	289.8	10.21	7.036	58.88	26.10	67.64
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	54.30	.2181	1062.	-.3729	.4739	.5792
Stddev	1.32	.0102	1.	.7685	.5057	1.171
%RSD	2.438	4.664	.1271	206.1	106.7	202.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2290	1.710	.5935	3.276	11.64	.3189
Stddev	1.594	1.743	.1460	.098	.18	.1246
%RSD	695.8	101.9	24.60	2.992	1.585	39.07
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-174706/1-c Acquired: 8/8/2013 16:26:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.4715	.7321	-.1051	113.0
Stddev	.4819	.0469	.3663	11.6
%RSD	102.2	6.404	348.4	10.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6547.4	73949.	17861.
Stddev	11.4	122.	67.
%RSD	.17373	.16557	.37581

Sample Name: 460-60614-a-3-b Acquired: 8/8/2013 16:29:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14420.	8.076	8.155	160.6	1.076	11260.
Stddev	17.	.992	.053	.4	.045	25.
%RSD	.1160	12.29	.6489	.2307	4.193	.2195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3560	7.141	17.53	466.9	16310.	2642.
Stddev	.0415	.209	.20	.9	55.	7.
%RSD	11.67	2.921	1.147	.1943	.3343	.2760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5918.	1236.	1895.	15.80	33.73	.3859
Stddev	35.	2.	3.	.39	.52	1.870
%RSD	.5862	.1924	.1639	2.467	1.536	484.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.053	.5061	23.35	174.1	24.21	1.237
Stddev	2.687	1.608	.05	.6	.06	.157
%RSD	255.1	317.7	.2248	.3259	.2436	12.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-3-b Acquired: 8/8/2013 16:29:45 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	9.804	20.20	286.3	11670.
Stddev	.247	.04	4.0	59.
%RSD	2.516	.2091	1.391	.5052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6611.0	74699.	18326.
Stddev	1.3	246.	149.
%RSD	.02020	.32974	.81183

Sample Name: 460-60614-a-4-b Acquired: 8/8/2013 16:33:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8505.	5.577	1.096	96.78	.7007	5919.
Stddev	23.	1.190	.234	.38	.0384	25.
%RSD	.2694	21.34	21.34	.3964	5.474	.4200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2008	3.625	9.171	19.92	9019.	1697.
Stddev	.0952	.172	.136	.86	15.	3.
%RSD	47.39	4.751	1.479	4.323	.1664	.1917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1834.	680.2	3112.	8.470	18.01	2.012
Stddev	12.	1.2	8.	.096	.58	.427
%RSD	.6488	.1696	.2627	1.135	3.242	21.20
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.807	2.414	12.76	85.45	30.76	1.259
Stddev	1.473	.930	.31	.48	.29	.317
%RSD	52.48	38.53	2.465	.5566	.9306	25.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60614-a-4-b Acquired: 8/8/2013 16:33:21 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.138	25.88	183.0	7669.
Stddev	.669	.05	1.2	37.
%RSD	58.80	.1794	.6743	.4761
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6591.7	74587.	18349.
Stddev	2.5	159.	38.
%RSD	.03832	.21310	.20951

Sample Name: 460-60572-a-1-b du Acquired: 8/8/2013 16:36:58 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	57.66	.7905	.5055	82.85	.2598	25950.
Stddev	3.91	1.498	.4789	.26	.0648	33.
%RSD	6.778	189.5	94.74	.3088	24.95	.1255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1774	.4806	.5885	6.517	46.92	3720.
Stddev	.0773	.1532	.1233	.398	3.06	33.
%RSD	43.58	31.88	20.95	6.110	6.519	.8844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9891.	63.45	45930.	27.52	-.4206	-.0588
Stddev	26.	.08	30.	.33	.4635	.2124
%RSD	.2587	.1316	.0650	1.216	110.2	361.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1170	2.656	.8485	19.30	24.02	14.53
Stddev	2.781	.949	.3863	.17	.14	.12
%RSD	2377.	35.75	45.52	.8839	.5955	.8288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60572-a-1-b du Acquired: 8/8/2013 16:36:58 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.505	159.6	3.692	2006.
Stddev	.202	.4	.211	7.
%RSD	3.099	.2725	5.718	.3513
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6430.3	72284.	17913.
Stddev	38.8	477.	172.
%RSD	.60365	.66029	.96058

Sample Name: 460-60572-a-1-a Acquired: 8/8/2013 16:40:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55.22	2.295	.7216	82.25	.2079	25640.
Stddev	12.53	1.346	.2542	.22	.0384	51.
%RSD	22.69	58.68	35.23	.2702	18.47	.1974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1715	.3506	.3066	6.652	41.51	3709.
Stddev	.0486	.0882	.2776	2.024	5.79	10.
%RSD	28.31	25.15	90.52	30.43	13.96	.2674
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9765.	62.73	45450.	27.03	-.0679	-.2790
Stddev	15.	.09	28.	.34	.0385	.9895
%RSD	.1517	.1365	.0611	1.275	56.72	354.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.3682	1.494	.9766	19.24	23.10	14.47
Stddev	1.525	1.663	.3573	.22	.30	.10
%RSD	414.2	111.3	36.59	1.122	1.301	.7220
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60572-a-1-a Acquired: 8/8/2013 16:40:38 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	6.558	158.2	3.773	1989.
Stddev	.266	.3	.037	3.
%RSD	4.049	.1941	.9832	.1642
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6410.3	72334.	17915.
Stddev	21.2	218.	30.
%RSD	.33136	.30163	.16668

Sample Name: sd 460-60572-a-1-a@5 Acquired: 8/8/2013 16:44:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.790	-.6744	.7417	16.43	.2279	5092.
Stddev	6.589	.8810	.2725	.10	.0291	8.
%RSD	113.8	130.6	36.75	.5855	12.76	.1566
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0698	.2258	.5060	1.411	5.838	732.7
Stddev	.0741	.1008	.2165	.726	4.534	9.1
%RSD	106.2	44.62	42.79	51.42	77.66	1.243
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1951.	12.71	9055.	5.409	-1.594	.0367
Stddev	4.	.02	28.	.343	.538	.8960
%RSD	.2116	.1502	.3057	6.345	33.75	2444.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7342	2.084	.0031	4.293	5.608	3.060
Stddev	2.447	.903	.3747	.056	.508	.314
%RSD	333.4	43.35	11890.	1.305	9.062	10.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-60572-a-1-a@5 Acquired: 8/8/2013 16:44:19 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1.407	31.69	1.026	390.4
Stddev	.707	.12	.701	17.5
%RSD	50.23	.3914	68.32	4.475
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6453.3	71977.	17258.
Stddev	7.5	139.	41.
%RSD	.11562	.19377	.23762

Sample Name: 460-60572-a-1-c ms Acquired: 8/8/2013 16:48:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1009.	985.3	24.80	1103.	25.18	36050.
Stddev	3.	1.0	.59	2.	.06	153.
%RSD	.2978	.1004	2.386	.1665	.2217	.4233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.37	254.0	97.77	129.2	540.4	13420.
Stddev	.06	.3	.21	.7	4.5	29.
%RSD	.2385	.1263	.2138	.5274	.8291	.2152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19680.	315.6	55710.	284.8	260.0	221.8
Stddev	67.	.5	141.	.5	.6	1.9
%RSD	.3403	.1615	.2526	.1764	.2381	.8595
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1016.	1096.	240.6	274.0	277.0	252.4
Stddev	2.	4.	.6	.6	.5	1.4
%RSD	.1687	.3991	.2304	.2293	.1876	.5719
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60572-a-1-c ms Acquired: 8/8/2013 16:48:01 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	258.1	397.0	250.2	1998.
Stddev	1.0	.8	1.7	18.
%RSD	.3900	.1992	.6849	.8939
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6334.0	70616.	17297.
Stddev	29.8	321.	42.
%RSD	.47047	.45430	.24491

Sample Name: pds 460-60572-a-1-a Acquired: 8/8/2013 16:51:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1990.	1940.	48.89	2102.	49.77	45640.
Stddev	8.	2.	.93	1.	.05	176.
%RSD	.4042	.1017	1.912	.0460	.1007	.3865
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.22	501.8	193.9	247.9	1039.	22970.
Stddev	.11	.2	.5	1.6	5.	16.
%RSD	.2107	.0304	.2650	.6263	.5214	.0686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	29280.	563.7	64690.	537.3	513.5	430.6
Stddev	107.	1.6	77.	.6	.5	2.6
%RSD	.3637	.2817	.1190	.1106	.1062	.5965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2023.	2154.	476.3	521.5	527.9	491.7
Stddev	3.	2.	.5	.6	1.0	2.1
%RSD	.1667	.0720	.1106	.1138	.1875	.4233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-60572-a-1-a Acquired: 8/8/2013 16:51:26 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	504.7	631.5	493.8	2029.
Stddev	.5	.3	1.5	7.
%RSD	.0958	.0553	.3027	.3427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6250.6	69572.	17207.
Stddev	16.5	189.	75.
%RSD	.26352	.27198	.43698

Sample Name: lcs 460-175020/2-a Acquired: 8/8/2013 16:54:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 989.3	F 958.8	F 24.59	F 1028.	F 25.11	F 9919.
Stddev	5.0	1.0	.14	1.	.03	15.
%RSD	.5057	.1036	.5786	.1430	.1383	.1560
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.	50.00	2000.	50.00	20000.
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 25.73	F 255.5	F 97.85	F 122.7	F 500.5	F 9714.
Stddev	.05	.2	.54	.4	10.4	4.
%RSD	.1754	.0803	.5501	.3014	2.079	.0462
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	50.00	500.0	200.0	250.0	1000.	20000.
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 9869.	F 255.2	F 10150.	F 261.6	F 263.0	F 216.4
Stddev	11.	.2	12.	1.1	.8	2.3
%RSD	.1149	.0894	.1166	.4034	.3190	1.046
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	20000.	500.0	20000.	500.0	500.0	500.0
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1005.	F 1122.	F 239.0	F 256.7	F 253.1	F 240.6
Stddev	3.	2.	.2	.6	.9	.4
%RSD	.3165	.1459	.0758	.2336	.3733	.1546
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.	500.0	500.0	500.0	500.0
Range	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%	-15.00%

Sample Name: lcs 460-175020/2-a Acquired: 8/8/2013 16:54:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	F 252.0	F 240.3	F 246.2	39.46
Stddev	.5	.3	1.7	2.41
%RSD	.1809	.1118	.6713	6.108
Check ?	Chk Fail	Chk Fail	Chk Fail	None
Value	500.0	500.0	500.0	
Range	-15.00%	-15.00%	-15.00%	
Int. Std.	Y_2243	Y_3600	Y_3710	
Line	224.306 {450}	360.073 { 94}	371.030 { 91}	
Units	Cts/S	Cts/S	Cts/S	
Avg	6453.3	72033.	17375.	
Stddev	27.6	375.	36.	
%RSD	.42820	.52101	.20697	

Sample Name: CCV Acquired: 8/8/2013 16:58:11 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121400.	2437.	1215.	9974.	977.0	123100.
Stddev	220.	6.	5.	13.	1.2	474.
%RSD	.1810	.2491	.4144	.1345	.1208	.3848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1220.	2475.	4815.	12160.	97360.	49350.
Stddev	1.	5.	17.	11.	268.	69.
%RSD	.0962	.2030	.3456	.0937	.2749	.1390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	120900.	4915.	125600.	2481.	7443.	988.8
Stddev	441.	14.	376.	6.	9.	3.2
%RSD	.3647	.2825	.2990	.2296	.1229	.3235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2468.	2473.	2434.	2450.	972.7	2473.
Stddev	8.	5.	7.	3.	.5	6.
%RSD	.3189	.2023	.2737	.1111	.0499	.2614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 16:58:11 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	1001.	4909.	9899.	9456.
Stddev	1.	42.	8.	18.
%RSD	.1393	.8593	.0853	.1853
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5905.2	65910.	16647.
Stddev	34.6	202.	56.
%RSD	.58572	.30651	.33773

Sample Name: CCB Acquired: 8/8/2013 17:01:46 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.79	1.482	.6279	.5534	.2769	21.06
Stddev	3.61	.933	.2646	.1452	.0704	1.46
%RSD	30.64	62.93	42.15	26.23	25.42	6.954
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0154	.3087	.5810	2.494	7.656	21.11
Stddev	.1787	.1005	.2769	.782	4.347	13.99
%RSD	1162.	32.56	47.66	31.36	56.79	66.24
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.779	.2423	7.018	.1667	-.1622	1.655
Stddev	3.195	.1300	13.19	.2408	.8687	1.154
%RSD	84.57	53.67	187.9	144.4	535.5	69.72
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.092	1.361	.2154	-.0509	2.482	5.827
Stddev	2.205	.539	.3263	.1340	.548	1.103
%RSD	105.4	39.61	151.5	263.4	22.08	18.93
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 17:01:46 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1503	.2393	1.879	26.33
Stddev	.5000	.1733	.745	7.27
%RSD	332.6	72.41	39.62	27.62
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6492.5	72352.	17064.
Stddev	9.9	195.	37.
%RSD	.15249	.27001	.21571

Sample Name: mb 460-175020/1-a Acquired: 8/8/2013 17:05:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	8.201	1.395	1.124	.0218	.2667	23.25
Stddev	1.665	.829	.243	.1882	.0667	4.07
%RSD	20.30	59.39	21.63	861.6	25.02	17.50
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1352	.1384	.1376	-1.078	-4.706	2.134
Stddev	.1319	.2308	.3393	2.269	5.731	11.88
%RSD	97.55	166.7	246.7	210.4	121.8	556.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0564	.0502	-15.51	.0066	.0409	.2860
Stddev	1.729	.0294	2.99	1.145	.2426	1.143
%RSD	3065.	58.51	19.29	17390.	593.9	399.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.892	2.558	-.1833	.0461	1.887	.8201
Stddev	2.025	1.529	.1281	.0288	.359	.3359
%RSD	107.0	59.77	69.85	62.32	19.01	40.96
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-175020/1-a Acquired: 8/8/2013 17:05:31 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.5300	.0333	-.1271	9.950
Stddev	.3499	.0121	.6729	15.86
%RSD	66.02	36.35	529.5	159.4
Check ?	Chk Pass	Chk Pass	Chk Pass	None
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6626.6	73541.	17378.
Stddev	31.2	283.	204.
%RSD	.47026	.38442	1.1765

Sample Name: 460-60478-a-17-f@10 Acquired: 8/8/2013 17:09:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	154.1	.4187	1.242	48.77	.1773	130500.
Stddev	4.2	.7158	.206	.37	.0208	765.
%RSD	2.709	171.0	16.60	.7564	11.71	.5858
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0166	1.820	1209.	11.42	204.2	694.6
Stddev	.0813	.211	7.	.39	5.6	13.0
%RSD	490.3	11.62	.5486	3.437	2.738	1.874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	180.3	3.799	164700.	7.665	4.082	18.78
Stddev	4.2	.028	2226.	.193	.577	1.25
%RSD	2.309	.7255	1.352	2.523	14.14	6.676
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.308	1.438	2.137	6.772	2.722	.9303
Stddev	.472	.759	.229	.071	.195	.0827
%RSD	14.27	52.77	10.73	1.054	7.146	8.890
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-60478-a-17-f@10 Acquired: 8/8/2013 17:09:15 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.1739	57.01	18.30	234.6
Stddev	.5469	.02	1.47	11.0
%RSD	314.6	.0396	8.060	4.672
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6015.6	67257.	16807.
Stddev	20.4	19.	67.
%RSD	.33837	.02852	.39690

Sample Name: 460-60793-f-2-a Acquired: 8/8/2013 17:13:06 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55.44	38.36	.7323	186.7	.0490	F 337200.
Stddev	13.63	.76	.3638	.3	.0675	678.
%RSD	24.58	1.972	49.67	.1449	137.8	.2009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-200.0

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1229	1.932	-2.680	4.563	177.4	59860.
Stddev	.0132	.388	.390	1.048	5.8	242.
%RSD	10.78	20.07	14.56	22.97	3.266	.4046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 332200.	746.9	F 926200.	5.537	-1.020	-1.440
Stddev	837.	.7	109300.	.302	.590	1.613
%RSD	.2520	.0952	11.80	5.454	57.83	112.0
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	250000.		250000.			
Low Limit	-2000.		-5000.			

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7974	4.521	2.646	104.7	F 14310.	7.809
Stddev	2.215	1.171	.221	.5	58.	.315
%RSD	277.7	25.91	8.348	.4692	.4054	4.029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					2000.	
Low Limit					-50.00	

Sample Name: 460-60793-f-2-a Acquired: 8/8/2013 17:13:06 Type: Unk
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	-.8837	5697.	22.38	18500.
Stddev	.2074	38.	.57	12.
%RSD	23.47	.6725	2.536	.0653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5028.7	54970.	15642.
Stddev	23.6	319.	59.
%RSD	.46882	.57947	.38037

Sample Name: CCV Acquired: 8/8/2013 17:17:11 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	121000.	2430.	1213.	9949.	972.5	122000.
Stddev	104.	5.	4.	6.	1.9	147.
%RSD	.0862	.1894	.3198	.0571	.1927	.1201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1216.	2470.	4788.	12120.	96840.	49250.
Stddev	2.	.	11.	13.	212.	80.
%RSD	.1459	.0183	.2196	.1076	.2193	.1615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	119900.	4887.	119600.	2475.	7421.	981.5
Stddev	182.	14.	2364.	4.	4.	.3
%RSD	.1520	.2901	1.977	.1498	.0566	.0355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2461.	2475.	2422.	2434.	990.0	2466.
Stddev	10.	3.	3.	6.	4.7	4.
%RSD	.3958	.1339	.1063	.2577	.4793	.1575
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 8/8/2013 17:17:11 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	998.1	5007.	9854.	9443.
Stddev	1.3	45.	10.	58.
%RSD	.1295	.8975	.1007	.6099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	5923.1	66442.	16723.
Stddev	12.6	334.	1.
%RSD	.21325	.50284	.00355

Sample Name: CCB Acquired: 8/8/2013 17:20:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca3181
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	318.128 {106}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3600)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.88	.9446	.6880	-.0045	.2968	21.95
Stddev	14.08	2.144	.5945	.1677	.0581	5.66
%RSD	109.3	226.9	86.41	3720.	19.56	25.77
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0945	.0654	.6036	.5162	6.512	18.07
Stddev	.0474	.0716	.2820	.1901	4.571	15.66
%RSD	50.15	109.5	46.71	36.83	70.19	86.67
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11.72	.2185	181.2	-.7272	-.1420	.6187
Stddev	3.53	.1197	46.9	.4625	.3293	1.280
%RSD	30.16	54.80	25.91	63.60	231.9	206.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se196	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7413	1.572	-.0260	-.0404	11.28	5.516
Stddev	1.960	.208	.3065	.1038	1.40	.939
%RSD	264.4	13.23	1177.	256.7	12.43	17.02
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 8/8/2013 17:20:47 Type: QC
Method: 07302013(v3) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349	Si2881
Line	189.989 {477}	407.771 { 83}	334.941 {101}	288.158 {117}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(Y_2243)
Units	ppb	ppb	ppb	ppb
Avg	.0293	.2537	2.162	14.09
Stddev	.3470	.1402	1.174	4.68
%RSD	1185.	55.28	54.32	33.19
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	6495.8	72321.	17127.
Stddev	3.4	233.	72.
%RSD	.05217	.32210	.42104

Protocol: 245_7470
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Standard: 1 Rep: 1            Seq:  1      08:11:01 07 Aug 13   HG

Hg    .000    ppb      -14

*** Standard: 2 Rep: 1            Seq:  2      08:13:26 07 Aug 13   HG

Hg    .200    ppb      246

*** Standard: 3 Rep: 1            Seq:  3      08:15:10 07 Aug 13   HG

Hg    1.00    ppb      1963

*** Standard: 4 Rep: 1            Seq:  4      08:16:57 07 Aug 13   HG

Hg    2.00    ppb      4491

*** Standard: 5 Rep: 1            Seq:  5      08:19:04 07 Aug 13   HG

Hg    5.00    ppb      11248

*** Standard: 6 Rep: 1            Seq:  6      08:21:02 07 Aug 13   HG

Hg    10.0    ppb      21297

*** Check Standard: 3  Ck3AICV      Seq:  7      08:22:53 07 Aug 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          101.     5.05    5.00   ppb        .000

*** Check Standard: 1  Ck1ICB/CCB   Seq:  8      08:25:02 07 Aug 13   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.043     .200     ppb        .000

*** Sample ID:                    Seq:  9      08:26:49 07 Aug 13   HG
                     MCL
Hg    1.97    ppb       .000      1.97

*** Sample ID:                    Seq:  10     08:28:35 07 Aug 13   HG
                     mb 460-174783/11-a
Hg   -.139    ppb       .000     -.139

*** Sample ID:                    Seq:  11     08:30:19 07 Aug 13   HG
                     mb 460-174783/11-a
Hg   -.101    ppb       .000     -.101

*** Standard: 1 Rep: 1            Seq:  12     08:32:25 07 Aug 13   HG

Hg    .000    ppb      122
```

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 2 Rep: 1 Seq: 13 08:35:39 07 Aug 13 HG

Hg .200 ppb 529

*** Standard: 3 Rep: 1 Seq: 14 08:37:29 07 Aug 13 HG

Hg 1.00 ppb 2298

*** Standard: 4 Rep: 1 Seq: 15 08:39:19 07 Aug 13 HG

Hg 2.00 ppb 4363

*** Standard: 5 Rep: 1 Seq: 16 08:41:25 07 Aug 13 HG

Hg 5.00 ppb 11233

*** Standard: 6 Rep: 1 Seq: 17 08:43:20 07 Aug 13 HG

Hg 10.0 ppb 20999

*** Check Standard: 3 Ck3AICV Seq: 18 08:45:17 07 Aug 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 99.3 4.97 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 19 08:47:11 07 Aug 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.103 .200 ppb .000

*** Sample ID: Seq: 20 08:49:17 07 Aug 13 HG
MCL
Hg 2.05 ppb .000 2.05

*** Sample ID: Seq: 21 08:51:01 07 Aug 13 HG
mb 460-174783/11-a
Hg -.064 ppb .000 -.064

*** Sample ID: Seq: 22 08:54:03 07 Aug 13 HG
lcs 460-174783/12-a
Hg 1.00 ppb .000 1.00

*** Sample ID: Seq: 23 08:55:48 07 Aug 13 HG
460-60337-j-3-b
Hg -.119 ppb .000 -.119

*** Sample ID: Seq: 24 08:58:16 07 Aug 13 HG
460-60337-j-3-b
Hg -.187 ppb .000 -.187

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 25 09:00:01 07 Aug 13 HG
460-60337-j-3-c du
Hg -.192 ppb .000 -.192

*** Sample ID: Seq: 26 09:01:44 07 Aug 13 HG
460-60337-j-3-d ms
Hg .956 ppb .000 .956

*** Sample ID: Seq: 27 09:03:29 07 Aug 13 HG
460-60645-h-3-a
Hg .159 ppb .000 .159

*** Sample ID: Seq: 28 09:05:13 07 Aug 13 HG
460-60458-k-11-a
Hg 1.23 ppb .000 1.23

*** Sample ID: Seq: 29 09:07:07 07 Aug 13 HG
460-60546-n-1-a
Hg .089 ppb .000 .089

*** Check Standard: 2 Ck2ACCV Seq: 30 09:09:34 07 Aug 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 97.1 4.85 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 31 09:11:18 07 Aug 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg L -.247 .200 ppb .000

*** Standard: 1 Rep: 1 Seq: 32 09:14:29 07 Aug 13 HG

Hg .000 ppb 82

*** Standard: 2 Rep: 1 Seq: 33 09:16:18 07 Aug 13 HG

Hg .200 ppb 730

*** Standard: 3 Rep: 1 Seq: 34 09:18:24 07 Aug 13 HG

Hg 1.00 ppb 2130

*** Standard: 4 Rep: 1 Seq: 35 09:20:08 07 Aug 13 HG

Hg 2.00 ppb 4299

*** Standard: 5 Rep: 1 Seq: 36 09:21:53 07 Aug 13 HG

Hg 5.00 ppb 10507

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 6 Rep: 1 Seq: 37 09:23:38 07 Aug 13 HG

Hg 10.0 ppb 20441

*** Check Standard: 3 Ck3AICV Seq: 38 09:26:05 07 Aug 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.06 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 09:28:02 07 Aug 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.009 .200 ppb .000

*** Sample ID: Seq: 40 09:29:48 07 Aug 13 HG
MCL
Hg 2.03 ppb .000 2.03

*** Sample ID: Seq: 41 09:31:32 07 Aug 13 HG
mb 460-174783/11-a
Hg -.044 ppb .000 -.044

*** Sample ID: Seq: 42 09:33:27 07 Aug 13 HG
lcs 460-174783/12-a
Hg .875 ppb .000 .875

*** Sample ID: Seq: 43 09:35:13 07 Aug 13 HG
460-60337-j-3-b
Hg -.179 ppb .000 -.179

*** Sample ID: Seq: 44 09:37:08 07 Aug 13 HG
460-60337-j-3-b
Hg -.156 ppb .000 -.156

*** Sample ID: Seq: 45 09:39:27 07 Aug 13 HG
460-60337-j-3-c du
Hg -.013 ppb .000 -.013

*** Sample ID: Seq: 46 09:41:20 07 Aug 13 HG
460-60337-j-3-d ms
Hg 1.02 ppb .000 1.02

*** Sample ID: Seq: 47 09:43:05 07 Aug 13 HG
460-60645-h-3-a
Hg .151 ppb .000 .151

*** Sample ID: Seq: 48 09:45:02 07 Aug 13 HG
460-60458-k-11-a
Hg 1.20 ppb .000 1.20

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 49 09:46:59 07 Aug 13 HG
460-60546-n-1-a
Hg -.194 ppb .000 -.194

*** Check Standard: 2 Ck2ACCV Seq: 50 09:49:18 07 Aug 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.03 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 09:51:03 07 Aug 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.095 .200 ppb .000

*** Sample ID: Seq: 52 09:52:47 07 Aug 13 HG
460-60546-n-1-a
Hg .013 ppb .000 .013

*** Sample ID: Seq: 53 09:54:42 07 Aug 13 HG
460-60555-d-1-c
Hg -.028 ppb .000 -.028

*** Sample ID: Seq: 54 09:56:29 07 Aug 13 HG
460-60690-c-7-a
Hg -.174 ppb .000 -.174

*** Sample ID: Seq: 55 09:58:19 07 Aug 13 HG
460-60690-c-7-a
Hg -.212 ppb .000 -.212

*** Sample ID: Seq: 56 10:00:06 07 Aug 13 HG
460-60337-j-4-b
Hg -.137 ppb .000 -.137

*** Sample ID: Seq: 57 10:02:20 07 Aug 13 HG
460-60337-j-5-b
Hg -.026 ppb .000 -.026

*** Sample ID: Seq: 58 10:04:08 07 Aug 13 HG
460-60337-j-6-b
Hg .023 ppb .000 .023

*** Sample ID: Seq: 59 10:05:52 07 Aug 13 HG
460-60337-j-7-b
Hg -.021 ppb .000 -.021

*** Sample ID: Seq: 60 10:07:47 07 Aug 13 HG
460-60337-j-8-b
Hg -.104 ppb .000 -.104

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 61 10:10:27 07 Aug 13 HG
460-60398-h-2-b
Hg -.166 ppb .000 -.166

*** Check Standard: 2 Ck2ACCV Seq: 62 10:13:07 07 Aug 13 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 99.7 4.98 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 63 10:14:52 07 Aug 13 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.097 .200 ppb .000

*** Sample ID: Seq: 64 10:16:36 07 Aug 13 HG
460-60398-h-3-d
Hg .009 ppb .000 .009

*** Sample ID: Seq: 65 10:19:23 07 Aug 13 HG
460-60398-h-4-b
Hg .009 ppb .000 .009

*** Sample ID: Seq: 66 10:21:08 07 Aug 13 HG
460-60398-h-5-b
Hg -.172 ppb .000 -.172

*** Sample ID: Seq: 67 10:23:04 07 Aug 13 HG
460-60398-h-6-b
Hg -.124 ppb .000 -.124

*** Sample ID: Seq: 68 10:24:48 07 Aug 13 HG
460-60398-h-7-b
Hg -.186 ppb .000 -.186

*** Sample ID: Seq: 69 10:26:34 07 Aug 13 HG
460-60403-j-2-b
Hg -.027 ppb .000 -.027

*** Sample ID: Seq: 70 10:28:22 07 Aug 13 HG
460-60403-j-3-b
Hg .001 ppb .000 .001

*** Sample ID: Seq: 71 10:30:46 07 Aug 13 HG
460-60403-j-4-b
Hg -.051 ppb .000 -.051

*** Sample ID: Seq: 72 10:32:51 07 Aug 13 HG
SD 460-60337-j-3-b@5
Hg -.161 ppb .000 -.161

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 73 10:34:39 07 Aug 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.03	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 10:36:32 07 Aug 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.152	.200	ppb	.000

*** Sample ID: Seq: 75 10:38:27 07 Aug 13 HG
mb 460-174784/10-a
Hg .034 ppb .000 .034

*** Sample ID: Seq: 76 10:40:15 07 Aug 13 HG
lcs 460-174784/11-a
Hg 1.03 ppb .000 1.03

*** Sample ID: Seq: 77 10:42:54 07 Aug 13 HG
460-60564-i-1-b
Hg -.157 ppb .000 -.157

*** Sample ID: Seq: 78 10:44:54 07 Aug 13 HG
460-60564-i-1-c du
Hg -.220 ppb .000 -.220

*** Sample ID: Seq: 79 10:46:39 07 Aug 13 HG
460-60564-i-1-c du
Hg -.153 ppb .000 -.153

*** Sample ID: Seq: 80 10:49:14 07 Aug 13 HG
460-60564-i-1-d ms
Hg 1.07 ppb .000 1.07

*** Sample ID: Seq: 81 10:51:29 07 Aug 13 HG
460-60403-j-5-b
Hg -.015 ppb .000 -.015

*** Sample ID: Seq: 82 10:53:34 07 Aug 13 HG
460-60403-j-6-b
Hg -.169 ppb .000 -.169

*** Sample ID: Seq: 83 10:55:34 07 Aug 13 HG
460-60483-j-1-c
Hg -.202 ppb .000 -.202

*** Sample ID: Seq: 84 10:57:32 07 Aug 13 HG
460-60483-j-1-c
Hg -.159 ppb .000 -.159

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 85 11:00:07 07 Aug 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.16	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 86 11:02:10 07 Aug 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		-.078	.200	ppb	.000

*** Sample ID: Seq: 87 11:03:59 07 Aug 13 HG
460-60490-j-2-a
Hg -.113 ppb .000 -.113

*** Sample ID: Seq: 88 11:06:19 07 Aug 13 HG
460-60490-j-3-b
Hg -.212 ppb .000 -.212

*** Sample ID: Seq: 89 11:08:36 07 Aug 13 HG
460-60490-j-4-b
Hg -.176 ppb .000 -.176

*** Sample ID: Seq: 90 11:10:42 07 Aug 13 HG
460-60490-j-5-b
Hg -.034 ppb .000 -.034

*** Sample ID: Seq: 91 11:12:31 07 Aug 13 HG
460-60490-j-6-d
Hg .024 ppb .000 .024

*** Sample ID: Seq: 92 11:14:26 07 Aug 13 HG
460-60530-l-3-b
Hg -.024 ppb .000 -.024

*** Sample ID: Seq: 93 11:16:31 07 Aug 13 HG
460-60552-k-3-b
Hg 15.0 ppb .000 15.0

*** Sample ID: Seq: 94 11:19:07 07 Aug 13 HG
460-60552-k-7-b
Hg -.189 ppb .000 -.189

*** Sample ID: Seq: 95 11:21:07 07 Aug 13 HG
460-60561-k-2-b
Hg -.070 ppb .000 -.070

*** Sample ID: Seq: 96 11:23:02 07 Aug 13 HG
460-60564-g-2-b
Hg -.011 ppb .000 -.011

Folder: 174783HG Page 1999
Protocol: 245_7470
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 97 11:25:13 07 Aug 13 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		103.	5.16	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 98 11:26:57 07 Aug 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg	L	-.315	.200	ppb	.000

WinHg Database 1.7

File Utility Help

Protocol 245_7470 BUSY Dataset/Proto 174783HG/245_7470

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 4.92283e-4

C -9.99665e-2

Rho .999889

Type Linear

Print Cal

Calibrated

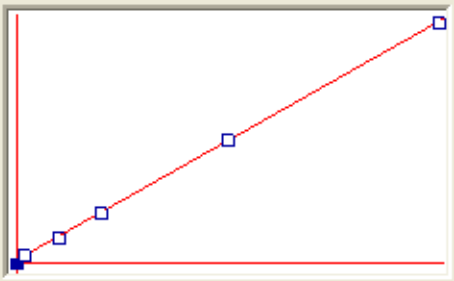
Accepted

Accept

µ Abs.
20441

Accepted

New



Include S1 Rep 1 2 3 4 5

07-Aug-13 09:23 Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %R...	Rep 1	Rep 2	Rep 3	Rep 4	F
01	.00000	-.060	-.060	82	0	82				
02	.20000	.259	.059	731	0%	730				
03	1.0000	.949	-.051	2131	0%	2130				
04	2.0000	2.02	.016	4300	0%	4299				
05	5.0000	5.07	.072	10508	0%	10507				
06	10.000	9.96	-.037	20441	0%	20441				

Ready

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1 Seq: 1 08:11:01 07 Aug 13 HG

Hg .000 ppb -14

*** Standard: 2 Rep: 1 Seq: 2 08:13:26 07 Aug 13 HG

Hg .200 ppb 246

*** Standard: 3 Rep: 1 Seq: 3 08:15:10 07 Aug 13 HG

Hg 1.00 ppb 1963

*** Standard: 4 Rep: 1 Seq: 4 08:16:57 07 Aug 13 HG

Hg 2.00 ppb 4491

*** Standard: 5 Rep: 1 Seq: 5 08:19:04 07 Aug 13 HG

Hg 5.00 ppb 11248

*** Standard: 6 Rep: 1 Seq: 6 08:21:02 07 Aug 13 HG

Hg 10.0 ppb 21297

*** Check Standard: 3 Ck3AICV Seq: 7 08:22:53 07 Aug 13 HG
Line Flag Intensities
Hg 10882

*** Check Standard: 1 Ck1ICB/CCB Seq: 8 08:25:02 07 Aug 13 HG
Line Flag Intensities
Hg -96

*** Sample ID: Seq: 9 08:26:49 07 Aug 13 HG
MCL
Hg 1.97 ppb 4244

*** Sample ID: Seq: 10 08:28:35 07 Aug 13 HG
mb 460-174783/11-a
Hg -.139 ppb -304

*** Sample ID: Seq: 11 08:30:19 07 Aug 13 HG
mb 460-174783/11-a
Hg -.101 ppb -220

*** Standard: 1 Rep: 1 Seq: 12 08:32:25 07 Aug 13 HG

Hg .000 ppb 122

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 2 Rep: 1 Seq: 13 08:35:39 07 Aug 13 HG

Hg .200 ppb 529

*** Standard: 3 Rep: 1 Seq: 14 08:37:29 07 Aug 13 HG

Hg 1.00 ppb 2298

*** Standard: 4 Rep: 1 Seq: 15 08:39:19 07 Aug 13 HG

Hg 2.00 ppb 4363

*** Standard: 5 Rep: 1 Seq: 16 08:41:25 07 Aug 13 HG

Hg 5.00 ppb 11233

*** Standard: 6 Rep: 1 Seq: 17 08:43:20 07 Aug 13 HG

Hg 10.0 ppb 20999

*** Check Standard: 3 Ck3AICV Seq: 18 08:45:17 07 Aug 13 HG
Line Flag Intensities
Hg 10657

*** Check Standard: 1 Ck1ICB/CCB Seq: 19 08:47:11 07 Aug 13 HG
Line Flag Intensities
Hg -11

*** Sample ID: Seq: 20 08:49:17 07 Aug 13 HG
MCL
Hg 2.05 ppb 4528

*** Sample ID: Seq: 21 08:51:01 07 Aug 13 HG
mb 460-174783/11-a
Hg -.064 ppb 72

*** Sample ID: Seq: 22 08:54:03 07 Aug 13 HG
lcs 460-174783/12-a
Hg 1.00 ppb 2315

*** Sample ID: Seq: 23 08:55:48 07 Aug 13 HG
460-60337-j-3-b
Hg -.119 ppb -43

*** Sample ID: Seq: 24 08:58:16 07 Aug 13 HG
460-60337-j-3-b
Hg -.187 ppb -187

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 25 09:00:01 07 Aug 13 HG
460-60337-j-3-c du
Hg -.192 ppb -198

*** Sample ID: Seq: 26 09:01:44 07 Aug 13 HG
460-60337-j-3-d ms
Hg .956 ppb 2218

*** Sample ID: Seq: 27 09:03:29 07 Aug 13 HG
460-60645-h-3-a
Hg .159 ppb 541

*** Sample ID: Seq: 28 09:05:13 07 Aug 13 HG
460-60458-k-11-a
Hg 1.23 ppb 2798

*** Sample ID: Seq: 29 09:07:07 07 Aug 13 HG
460-60546-n-1-a
Hg .089 ppb 395

*** Check Standard: 2 Ck2ACCV Seq: 30 09:09:34 07 Aug 13 HG
Line Flag Intensities
Hg 10421

*** Check Standard: 1 Ck1ICB/CCB Seq: 31 09:11:18 07 Aug 13 HG
Line Flag Intensities
Hg L -314

*** Standard: 1 Rep: 1 Seq: 32 09:14:29 07 Aug 13 HG

Hg .000 ppb 82

*** Standard: 2 Rep: 1 Seq: 33 09:16:18 07 Aug 13 HG

Hg .200 ppb 730

*** Standard: 3 Rep: 1 Seq: 34 09:18:24 07 Aug 13 HG

Hg 1.00 ppb 2130

*** Standard: 4 Rep: 1 Seq: 35 09:20:08 07 Aug 13 HG

Hg 2.00 ppb 4299

*** Standard: 5 Rep: 1 Seq: 36 09:21:53 07 Aug 13 HG

Hg 5.00 ppb 10507

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Standard: 6 Rep: 1 Seq: 37 09:23:38 07 Aug 13 HG

Hg 10.0 ppb 20441

*** Check Standard: 3 Ck3AICV Seq: 38 09:26:05 07 Aug 13 HG
Line Flag Intensities
Hg 10481

*** Check Standard: 1 Ck1ICB/CCB Seq: 39 09:28:02 07 Aug 13 HG
Line Flag Intensities
Hg 184

*** Sample ID: Seq: 40 09:29:48 07 Aug 13 HG
MCL
Hg 2.03 ppb 4330

*** Sample ID: Seq: 41 09:31:32 07 Aug 13 HG
mb 460-174783/11-a
Hg -.044 ppb 114

*** Sample ID: Seq: 42 09:33:27 07 Aug 13 HG
lcs 460-174783/12-a
Hg .875 ppb 1981

*** Sample ID: Seq: 43 09:35:13 07 Aug 13 HG
460-60337-j-3-b
Hg -.179 ppb -160

*** Sample ID: Seq: 44 09:37:08 07 Aug 13 HG
460-60337-j-3-b
Hg -.156 ppb -114

*** Sample ID: Seq: 45 09:39:27 07 Aug 13 HG
460-60337-j-3-c du
Hg -.013 ppb 177

*** Sample ID: Seq: 46 09:41:20 07 Aug 13 HG
460-60337-j-3-d ms
Hg 1.02 ppb 2274

*** Sample ID: Seq: 47 09:43:05 07 Aug 13 HG
460-60645-h-3-a
Hg .151 ppb 509

*** Sample ID: Seq: 48 09:45:02 07 Aug 13 HG
460-60458-k-11-a
Hg 1.20 ppb 2641

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 49 09:46:59 07 Aug 13 HG
460-60546-n-1-a
Hg -.194 ppb -190

*** Check Standard: 2 Ck2ACCV Seq: 50 09:49:18 07 Aug 13 HG
Line Flag Intensities
Hg 10422

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 09:51:03 07 Aug 13 HG
Line Flag Intensities
Hg 11

*** Sample ID: Seq: 52 09:52:47 07 Aug 13 HG
460-60546-n-1-a
Hg .013 ppb 229

*** Sample ID: Seq: 53 09:54:42 07 Aug 13 HG
460-60555-d-1-c
Hg -.028 ppb 147

*** Sample ID: Seq: 54 09:56:29 07 Aug 13 HG
460-60690-c-7-a
Hg -.174 ppb -150

*** Sample ID: Seq: 55 09:58:19 07 Aug 13 HG
460-60690-c-7-a
Hg -.212 ppb -227

*** Sample ID: Seq: 56 10:00:06 07 Aug 13 HG
460-60337-j-4-b
Hg -.137 ppb -76

*** Sample ID: Seq: 57 10:02:20 07 Aug 13 HG
460-60337-j-5-b
Hg -.026 ppb 151

*** Sample ID: Seq: 58 10:04:08 07 Aug 13 HG
460-60337-j-6-b
Hg .023 ppb 250

*** Sample ID: Seq: 59 10:05:52 07 Aug 13 HG
460-60337-j-7-b
Hg -.021 ppb 161

*** Sample ID: Seq: 60 10:07:47 07 Aug 13 HG
460-60337-j-8-b
Hg -.104 ppb -9

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 61 10:10:27 07 Aug 13 HG
460-60398-h-2-b
Hg -.166 ppb -135

*** Check Standard: 2 Ck2ACCV Seq: 62 10:13:07 07 Aug 13 HG
Line Flag Intensities
Hg 10327

*** Check Standard: 1 Ck1ICB/CCB Seq: 63 10:14:52 07 Aug 13 HG
Line Flag Intensities
Hg 6

*** Sample ID: Seq: 64 10:16:36 07 Aug 13 HG
460-60398-h-3-d
Hg .009 ppb 222

*** Sample ID: Seq: 65 10:19:23 07 Aug 13 HG
460-60398-h-4-b
Hg .009 ppb 221

*** Sample ID: Seq: 66 10:21:08 07 Aug 13 HG
460-60398-h-5-b
Hg -.172 ppb -147

*** Sample ID: Seq: 67 10:23:04 07 Aug 13 HG
460-60398-h-6-b
Hg -.124 ppb -48

*** Sample ID: Seq: 68 10:24:48 07 Aug 13 HG
460-60398-h-7-b
Hg -.186 ppb -174

*** Sample ID: Seq: 69 10:26:34 07 Aug 13 HG
460-60403-j-2-b
Hg -.027 ppb 148

*** Sample ID: Seq: 70 10:28:22 07 Aug 13 HG
460-60403-j-3-b
Hg .001 ppb 206

*** Sample ID: Seq: 71 10:30:46 07 Aug 13 HG
460-60403-j-4-b
Hg -.051 ppb 99

*** Sample ID: Seq: 72 10:32:51 07 Aug 13 HG
SD 460-60337-j-3-b@5
Hg -.161 ppb -123

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 73 10:34:39 07 Aug 13 HG

Line	Flag	Intensities
Hg		10418

*** Check Standard: 1 Ck1ICB/CCB Seq: 74 10:36:32 07 Aug 13 HG

Line	Flag	Intensities
Hg		-105

*** Sample ID: Seq: 75 10:38:27 07 Aug 13 HG
mb 460-174784/10-a

Hg	.034	ppb	273

*** Sample ID: Seq: 76 10:40:15 07 Aug 13 HG
lcs 460-174784/11-a

Hg	1.03	ppb	2298

*** Sample ID: Seq: 77 10:42:54 07 Aug 13 HG
460-60564-i-1-b

Hg	-.157	ppb	-116

*** Sample ID: Seq: 78 10:44:54 07 Aug 13 HG
460-60564-i-1-c du

Hg	-.220	ppb	-243

*** Sample ID: Seq: 79 10:46:39 07 Aug 13 HG
460-60564-i-1-c du

Hg	-.153	ppb	-108

*** Sample ID: Seq: 80 10:49:14 07 Aug 13 HG
460-60564-i-1-d ms

Hg	1.07	ppb	2373

*** Sample ID: Seq: 81 10:51:29 07 Aug 13 HG
460-60403-j-5-b

Hg	-.015	ppb	172

*** Sample ID: Seq: 82 10:53:34 07 Aug 13 HG
460-60403-j-6-b

Hg	-.169	ppb	-141

*** Sample ID: Seq: 83 10:55:34 07 Aug 13 HG
460-60483-j-1-c

Hg	-.202	ppb	-208

*** Sample ID: Seq: 84 10:57:32 07 Aug 13 HG
460-60483-j-1-c

Hg	-.159	ppb	-119

POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Check Standard: 2  Ck2ACCV      Seq:  85      11:00:07 07 Aug 13   HG
Line  Flag            Intensities
Hg                  10689

*** Check Standard: 1  Ck1ICB/CCB   Seq:  86      11:02:10 07 Aug 13   HG
Line  Flag            Intensities
Hg                  44

*** Sample ID:                    Seq:  87     11:03:59 07 Aug 13   HG
                    460-60490-j-2-a
Hg   -.113    ppb      -26

*** Sample ID:                    Seq:  88     11:06:19 07 Aug 13   HG
                    460-60490-j-3-b
Hg   -.212    ppb      -227

*** Sample ID:                    Seq:  89     11:08:36 07 Aug 13   HG
                    460-60490-j-4-b
Hg   -.176    ppb      -155

*** Sample ID:                    Seq:  90     11:10:42 07 Aug 13   HG
                    460-60490-j-5-b
Hg   -.034    ppb      133

*** Sample ID:                    Seq:  91     11:12:31 07 Aug 13   HG
                    460-60490-j-6-d
Hg    .024    ppb      252

*** Sample ID:                    Seq:  92     11:14:26 07 Aug 13   HG
                    460-60530-l-3-b
Hg   -.024    ppb      154

*** Sample ID:                    Seq:  93     11:16:31 07 Aug 13   HG
                    460-60552-k-3-b
Hg    15.0    ppb      30587

*** Sample ID:                    Seq:  94     11:19:07 07 Aug 13   HG
                    460-60552-k-7-b
Hg   -.189    ppb      -181

*** Sample ID:                    Seq:  95     11:21:07 07 Aug 13   HG
                    460-60561-k-2-b
Hg   -.070    ppb      61

*** Sample ID:                    Seq:  96     11:23:02 07 Aug 13   HG
                    460-60564-g-2-b
Hg   -.011    ppb      180
```

POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 2 Ck2ACCV Seq: 97 11:25:13 07 Aug 13 HG

Line	Flag	Intensities
Hg		10692

*** Check Standard: 1 Ck1ICB/CCB Seq: 98 11:26:57 07 Aug 13 HG

Line	Flag	Intensities
Hg	L	-436

Folder: 174840hg Page 1999
Protocol: SW846A
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Standard: 1 Rep: 1            Seq:  1      16:10:39 07 Aug 13   HG

Hg    .000    ppb      119
                                                                =
*** Standard: 2 Rep: 1            Seq:  2      16:13:33 07 Aug 13   HG

Hg    .200    ppb      682
                                                                =
*** Standard: 3 Rep: 1            Seq:  3      16:15:39 07 Aug 13   HG

Hg    1.00    ppb      3419
                                                                =
*** Standard: 4 Rep: 1            Seq:  4      16:17:43 07 Aug 13   HG

Hg    2.00    ppb      6321
                                                                =
*** Standard: 5 Rep: 1            Seq:  5      16:19:31 07 Aug 13   HG

Hg    5.00    ppb      16561
                                                                =
*** Standard: 6 Rep: 1            Seq:  6      16:21:19 07 Aug 13   HG

Hg    10.0    ppb      33741
                                                                =
*** Check Standard: 3  Ck3AICV      Seq:  7      16:23:08 07 Aug 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          99.0     4.95    5.00   ppb        .000
                                                                =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  8      16:25:25 07 Aug 13   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .026     .200     ppb        .000
                                                                =
*** Sample ID:                    Seq:  9      16:27:18 07 Aug 13   HG
                    MB 460-174840/1-A
Hg    .037    ppb       .000      .037
                                                                =
================================================================================
*** Sample ID: LCSSRM 460         Seq:  10     16:29:23 07 Aug 13   HG
                    -174840/2-a@100
Hg    2.78    ppb       .000      2.78
                                                                =
================================================================================
*** Sample ID:                    Seq:  11     16:31:07 07 Aug 13   HG
                    460-60728-E-1-B
Hg    .112    ppb       .000      .112
                                                                =
```

Protocol: SW846A
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
-------------------------------------------------------------------------------

*** Sample ID:                    Seq:  12     16:32:52 07 Aug 13   HG
                    460-60728-E-1-C DU
Hg    .124    ppb       .000      .124
                                                                    =
*** Sample ID:                    Seq:  13     16:34:36 07 Aug 13   HG
                    460-60728-E-1-D MS
Hg    1.22    ppb       .000      1.22
                                                                    =
*** Sample ID:                    Seq:  14     16:36:23 07 Aug 13   HG
                    460-60729-E-1-B
Hg    8.63    ppb       .000      8.63
                                                                    =
*** Sample ID:                    Seq:  15     16:38:17 07 Aug 13   HG
                    460-60729-E-2-B
Hg    4.68    ppb       .000      4.68
                                                                    =
*** Check Standard: 2  Ck2ACCV      Seq:  16      16:40:41 07 Aug 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          108.     5.38    5.00   ppb        .000
                                                                    =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  17      16:42:27 07 Aug 13   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg         -.000     .200     ppb        .000
                                                                    =
*** Sample ID:                    Seq:  18     16:44:10 07 Aug 13   HG
                    460-60101-E-10-E
Hg    .617    ppb       .000      .617
                                                                    =
*** Sample ID:                    Seq:  19     16:46:07 07 Aug 13   HG
                    460-60678-A-1-B
Hg    1.73    ppb       .000      1.73
                                                                    =
*** Sample ID:                    Seq:  20     16:47:53 07 Aug 13   HG
                    460-60678-A-2-B
Hg    1.95    ppb       .000      1.95
                                                                    =
*** Sample ID:                    Seq:  21     16:49:48 07 Aug 13   HG
                    460-60678-A-3-B
Hg    .485    ppb       .000      .485
                                                                    =
*** Sample ID:                    Seq:  22     16:51:33 07 Aug 13   HG
                    460-60678-A-4-B
Hg    1.24    ppb       .000      1.24
                                                                    =
*** Sample ID:                    Seq:  23     16:53:18 07 Aug 13   HG
                    460-60678-A-5-B
Hg    3.80    ppb       .000      3.80
                                                                    =
```

Protocol: SW846A
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                    Seq:  24     16:55:02 07 Aug 13   HG
                    460-60678-A-6-B
Hg    1.76    ppb       .000      1.76
                                                                    =
*** Check Standard: 2  Ck2ACCV      Seq:  25      16:56:46 07 Aug 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          108.     5.39    5.00   ppb        .000
                                                                    =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  26      16:58:49 07 Aug 13   HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg          .005     .200     ppb        .000
                                                                    =
*** Sample ID:                    Seq:  27     17:00:57 07 Aug 13   HG
                    460-60678-A-7-B
Hg    1.19    ppb       .000      1.19
                                                                    =
*** Sample ID:                    Seq:  28     17:03:01 07 Aug 13   HG
                    460-60678-A-8-B
Hg    2.34    ppb       .000      2.34
                                                                    =
*** Sample ID:                    Seq:  29     17:04:45 07 Aug 13   HG
                    460-60690-A-1-C
Hg    .372    ppb       .000      .372
                                                                    =
*** Sample ID:                    Seq:  30     17:07:21 07 Aug 13   HG
                    460-60690-A-2-C
Hg    .197    ppb       .000      .197
                                                                    =
*** Sample ID:                    Seq:  31     17:09:42 07 Aug 13   HG
                    460-60690-A-3-C
Hg    .165    ppb       .000      .165
                                                                    =
*** Sample ID:                    Seq:  32     17:11:39 07 Aug 13   HG
                    460-60736-A-6-F
Hg    .253    ppb       .000      .253
                                                                    =
*** Sample ID:                    Seq:  33     17:13:25 07 Aug 13   HG
                    460-60737-A-6-D
Hg    .730    ppb       .000      .730
                                                                    =
*** Sample ID:                    Seq:  34     17:15:13 07 Aug 13   HG
                    sd 460-60728-E-1-B@5
Hg    .040    ppb       .000      .040
                                                                    =
*** Check Standard: 2  Ck2ACCV      Seq:  35      17:17:23 07 Aug 13   HG
Line  Flag  %Rcv.   Found    True  Units      SD/RSD
Hg          108.     5.40    5.00   ppb        .000
                                                                    =
```

Folder: 174840hg Page 1999
Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 36 17:19:16 07 Aug 13 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD
Hg		.013	.200	ppb	.000

=

WinHg Database 1.7

File Utility Help

Protocol SW846A

Dataset/Proto 174840hg/SW846A

Protocol | Line info | Cal Curve | Report | Ctrl Chart | Viewer

Reset

Calib Coeffs

New Cal

Update Coeffs

Spike Coeffs

A

B 2.97046e-4

C 2.11417e-2

Rho .999861

Type Linear

Print Cal

Calibrated

Accepted

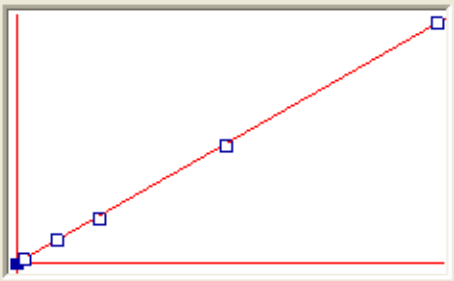
Accept

µ Abs.

33741

Accepted

New



Include S1 Rep 1 2 3 4 5

07-Aug-13 16:21 Conc. 10.0

S	Conc.	Calc.	Dev.	Mean	SD or %R...	Rep 1	Rep 2	Rep 3	Rep 4	F
01	.00000	.056	.056	119	1	119				
02	.20000	.224	.024	683	0%	682				
03	1.0000	1.04	.037	3420	0%	3419				
04	2.0000	1.90	-.101	6321	0%	6321				
05	5.0000	4.94	-.059	16562	0%	16561				
06	10.000	10.0	.044	33741	0%	33741				

Ready NUM

Protocol: SW846A
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Standard: 1 Rep: 1            Seq:  1      16:10:39 07 Aug 13   HG

Hg    .000    ppb      119
                                                                =
*** Standard: 2 Rep: 1            Seq:  2      16:13:33 07 Aug 13   HG

Hg    .200    ppb      682
                                                                =
*** Standard: 3 Rep: 1            Seq:  3      16:15:39 07 Aug 13   HG

Hg    1.00    ppb      3419
                                                                =
*** Standard: 4 Rep: 1            Seq:  4      16:17:43 07 Aug 13   HG

Hg    2.00    ppb      6321
                                                                =
*** Standard: 5 Rep: 1            Seq:  5      16:19:31 07 Aug 13   HG

Hg    5.00    ppb      16561
                                                                =
*** Standard: 6 Rep: 1            Seq:  6      16:21:19 07 Aug 13   HG

Hg    10.0    ppb      33741
                                                                =
*** Check Standard: 3  Ck3AICV      Seq:  7      16:23:08 07 Aug 13   HG
Line  Flag            Intensities
Hg                  16594
                                                                =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  8      16:25:25 07 Aug 13   HG
Line  Flag            Intensities
Hg                  16
                                                                =
*** Sample ID:                      Seq:  9      16:27:18 07 Aug 13   HG
                    MB 460-174840/1-A
Hg    .037    ppb      53
                                                                =
================================================================================
*** Sample ID: LCSSRM 460           Seq:  10     16:29:23 07 Aug 13   HG
                    -174840/2-a@100
Hg    2.78    ppb      9285
                                                                =
================================================================================
*** Sample ID:                      Seq:  11     16:31:07 07 Aug 13   HG
                    460-60728-E-1-B
Hg    .112    ppb      306
                                                                =
```

Protocol: SW846A
POST-RUN REPORT

```
Line   Conc.  Units     SD/RSD      1       2       3       4       5
--------------------------------------------------------------------------------

*** Sample ID:                    Seq:  12     16:32:52 07 Aug 13   HG
                    460-60728-E-1-C DU
Hg    .124    ppb      347
                                                                    =
*** Sample ID:                    Seq:  13     16:34:36 07 Aug 13   HG
                    460-60728-E-1-D MS
Hg    1.22    ppb      4037
                                                                    =
*** Sample ID:                    Seq:  14     16:36:23 07 Aug 13   HG
                    460-60729-E-1-B
Hg    8.63    ppb      28996
                                                                    =
*** Sample ID:                    Seq:  15     16:38:17 07 Aug 13   HG
                    460-60729-E-2-B
Hg    4.68    ppb      15682
                                                                    =
*** Check Standard: 2  Ck2ACCV      Seq:  16      16:40:41 07 Aug 13   HG
Line  Flag            Intensities
Hg                   18041
                                                                    =
*** Check Standard: 1  Ck1ICB/CCB   Seq:  17      16:42:27 07 Aug 13   HG
Line  Flag            Intensities
Hg                   -72
                                                                    =
*** Sample ID:                    Seq:  18     16:44:10 07 Aug 13   HG
                    460-60101-E-10-E
Hg    .617    ppb      2007
                                                                    =
*** Sample ID:                    Seq:  19     16:46:07 07 Aug 13   HG
                    460-60678-A-1-B
Hg    1.73    ppb      5752
                                                                    =
*** Sample ID:                    Seq:  20     16:47:53 07 Aug 13   HG
                    460-60678-A-2-B
Hg    1.95    ppb      6490
                                                                    =
*** Sample ID:                    Seq:  21     16:49:48 07 Aug 13   HG
                    460-60678-A-3-B
Hg    .485    ppb      1561
                                                                    =
*** Sample ID:                    Seq:  22     16:51:33 07 Aug 13   HG
                    460-60678-A-4-B
Hg    1.24    ppb      4105
                                                                    =
*** Sample ID:                    Seq:  23     16:53:18 07 Aug 13   HG
                    460-60678-A-5-B
Hg    3.80    ppb      12727
                                                                    =
```

POST-RUN REPORT

Line Conc. Units SD/RSD 1 2 3 4 5

*** Sample ID: Seq: 24 16:55:02 07 Aug 13 HG
460-60678-A-6-B
Hg 1.76 ppb 5856
=
*** Check Standard: 2 Ck2ACCV Seq: 25 16:56:46 07 Aug 13 HG
Line Flag Intensities
Hg 18068
=
*** Check Standard: 1 Ck1ICB/CCB Seq: 26 16:58:49 07 Aug 13 HG
Line Flag Intensities
Hg -54
=
*** Sample ID: Seq: 27 17:00:57 07 Aug 13 HG
460-60678-A-7-B
Hg 1.19 ppb 3927
=
*** Sample ID: Seq: 28 17:03:01 07 Aug 13 HG
460-60678-A-8-B
Hg 2.34 ppb 7802
=
*** Sample ID: Seq: 29 17:04:45 07 Aug 13 HG
460-60690-A-1-C
Hg .372 ppb 1180
=
*** Sample ID: Seq: 30 17:07:21 07 Aug 13 HG
460-60690-A-2-C
Hg .197 ppb 591
=
*** Sample ID: Seq: 31 17:09:42 07 Aug 13 HG
460-60690-A-3-C
Hg .165 ppb 483
=
*** Sample ID: Seq: 32 17:11:39 07 Aug 13 HG
460-60736-A-6-F
Hg .253 ppb 780
=
*** Sample ID: Seq: 33 17:13:25 07 Aug 13 HG
460-60737-A-6-D
Hg .730 ppb 2385
=
*** Sample ID: Seq: 34 17:15:13 07 Aug 13 HG
sd 460-60728-E-1-B@5
Hg .040 ppb 62
=
*** Check Standard: 2 Ck2ACCV Seq: 35 17:17:23 07 Aug 13 HG
Line Flag Intensities
Hg 18123
=

Folder: 174840hg Page 1999
Protocol: SW846A
POST-RUN REPORT

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Check Standard: 1 Ck1ICB/CCB Seq: 36 17:19:16 07 Aug 13 HG

Line	Flag	Intensities
Hg		-27
		=

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174803 Batch Start Date: 08/07/13 08:24 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 08/07/13 14:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCSS_77 00007		
MB 460-174803/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-174803/2		3050B, 6010B		CALC NOT SET TO RUN	1.02 g	50 mL	1.02 g		
460-60690-A-1	Post Ex-1 / 3'	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL			
460-60690-A-2	Post Ex-2 / 4'	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-60690-A-3	Post Ex-3 / 4'	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL			
460-60690-A-4	Post Ex-4 / 8'	3050B, 6010B	T	CALC NOT SET TO RUN	1.03 g	50 mL			

Batch Notes	
Balance ID	#35
Batch Comment	1:1 HNO3 LOT MPR 236
First End time	20:40
Hydrogen peroxide lot number	K45A06
Lot # of hydrochloric acid	0000024317
Lot # of Nitric Acid	L10022
Hood ID or number	2
Hot Block ID number	2
Pipette ID	#25
First Start time	18:40
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1 (CF -1)
Digestion Tube/Cup Lot #	J165191-264 (50 ml. DigiTUBES)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174807 Batch Start Date: 08/07/13 08:36 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: 08/07/13 13:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00038			
MB 460-174807/1		3010A, 6010B		100 mL	100 mL				
LCS 460-174807/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-60690-C-7	FB08052013	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 238
First End time	13:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	L10022
Hot Block ID number	4
Oven, Bath or Block Temperature 1	96 uncorr, 95 corr Degrees C
Pipette ID	6
First Start time	8:00
ID number of the thermometer	ICP-3 [CF -1]
Digestion Tube/Cup Lot #	1303205

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174822 Batch Start Date: 08/07/13 08:56 Batch Analyst: Chen, Mandi

Batch Method: 3050B Batch End Date: 08/07/13 15:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	InitialAmount	FinalAmount	ME_LCSS_77 00007		
MB 460-174822/1		3050B, 6010B		CALC NOT SET TO RUN	1.00 g	50 mL			
LCSSRM 460-174822/2		3050B, 6010B		CALC NOT SET TO RUN	1.03 g	50 mL	1.03 g		
460-60690-A-5	Post Ex-5 / 8'	3050B, 6010B	T	CALC NOT SET TO RUN	1.02 g	50 mL			
460-60690-A-6	Post Ex-6 / 4-5'	3050B, 6010B	T	CALC NOT SET TO RUN	1.09 g	50 mL			

Batch Notes	
Balance ID	#35
Batch Comment	1:1 HNO3 LOT MPR 236
First End time	20:40
Hydrogen peroxide lot number	K45A06
Lot # of hydrochloric acid	0000024317
Lot # of Nitric Acid	L10022
Hood ID or number	2
Hot Block ID number	2
Pipette ID	#25
First Start time	18:40
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1 (CF -1)
Digestion Tube/Cup Lot #	J165191-264 (50 ml. DigiTUBES)

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174783 Batch Start Date: 08/07/13 05:40 Batch Analyst: Staib, Thomas

Batch Method: 7470A Batch End Date: 08/07/13 07:40

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 01318	ME_DQCS-INT 01043		
ICV 460-174783/7		7470A, 7470A		100 mL	100 mL		5 mL		
CCV 460-174783/8		7470A, 7470A		100 mL	100 mL		5 mL		
CCB 460-174783/9		7470A, 7470A		100 mL	100 mL				
MB 460-174783/11		7470A, 7470A		30 mL	30 mL				
LCS 460-174783/12		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-60690-C-7	FB08052013	7470A, 7470A	T	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	HgR01843
Sulfuric Acid Lot Number	0000032783
Lot # of hydrochloric acid	HgR01841
Lot # of Nitric Acid	L10022
Hood ID or number	#2
Hot Block ID number	#2
Potassium Persulfate Lot Number	HgR01839
Potassium Permanganate Lot Number	HgR01838
NaCL Lot #	HgR01843
Pipette ID	#25
Stannous Chloride Lot Number	HgR01842
Temperature	96 uncorr 95 corr Degrees C
ID number of the thermometer	Prep-1 (CF -1)
Digestion Tube/Cup Lot #	165191

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174840 Batch Start Date: 08/07/13 10:47 Batch Analyst: Sheikh, Razia B

Batch Method: 7471A Batch End Date: 08/07/13 11:17

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCSS_7700007			
MB 460-174840/1		7471A, 7471A		0.60 g	50 mL				
LCSSRM 460-174840/2		7471A, 7471A		0.60 g	50 mL	0.6 g			
460-60690-A-1	Post Ex-1 / 3'	7471A, 7471A	T	0.61 g	50 mL				
460-60690-A-2	Post Ex-2 / 4'	7471A, 7471A	T	0.63 g	50 mL				
460-60690-A-3	Post Ex-3 / 4'	7471A, 7471A	T	0.62 g	50 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01840
Balance ID	33
Lot # of hydrochloric acid	hgr01828
Lot # of Nitric Acid	110022
Hood ID or number	2
Hot Block ID number	2
Potassium Permanganate Lot Number	hgr01849
NaCL Lot #	hgr01840
Oven, Bath or Block Temperature 1	95
Pipette ID	3
Stannous Chloride Lot Number	hgr01831
ID number of the thermometer	prep-1(cf-1)
Digestion Tube/Cup Lot #	j161248-264
Uncorrected Temperature	96 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG No.:

Project: 81 East 125th Street

Client Sample ID	Lab Sample ID
Post Ex-1 / 3'	460-60690-1
Post Ex-2 / 4'	460-60690-2
Post Ex-3 / 4'	460-60690-3
Post Ex-4 / 8'	460-60690-4
Post Ex-5 / 8'	460-60690-5
Post Ex-6 / 4-5'	460-60690-6

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-60690-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/07/2013 16:25 End Date: 08/07/2013 16:25

Lab Sample ID	D/F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
460-60690-4	1	T	16:25	X	X																		
460-60690-5	1	T	16:25	X	X																		
460-60690-6	1	T	16:25	X	X																		
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				
ZZZZZZ			16:25																				

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/07/2013 19:01 End Date: 08/07/2013 19:01

Lab Sample ID	D/F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
460-60690-1	1	T	19:01	X	X																		
460-60690-2	1	T	19:01	X	X																		
460-60690-3	1	T	19:01	X	X																		
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
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ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				
ZZZZZZ			19:01																				

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174913 Batch Start Date: 08/07/13 16:25 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-60690-A-4	Post Ex-4 / 8'	Moisture	T	57	1.03 g	6.57 g	5.44 g		
460-60690-A-5	Post Ex-5 / 8'	Moisture	T	58	1.01 g	6.71 g	6.10 g		
460-60690-A-6	Post Ex-6 / 4-5'	Moisture	T	59	1.08 g	6.36 g	5.63 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	08/07/13
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	16:45
Date samples were removed from oven	8/8/13
Oven Temp when samples removed from oven	106 Degrees C
Time Samples were removed from oven	08:05
Oven ID	Oven 3
ID number of the thermometer	38767
Uncorrected In Temperature	105 Celsius
Uncorrected Out Temperature	106 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-60690-1

SDG No.:

Batch Number: 174940 Batch Start Date: 08/07/13 19:01 Batch Analyst: Robinson, Ian

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-60690-A-1	Post Ex-1 / 3'	Moisture	T	150	0.99 g	6.92 g	6.65 g		
460-60690-A-2	Post Ex-2 / 4'	Moisture	T	151	0.99 g	6.60 g	6.07 g		
460-60690-A-3	Post Ex-3 / 4'	Moisture	T	152	1.02 g	6.65 g	6.26 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	08/07/13
Oven Temp when samples are put in oven	108 Degrees C
Time samples were place in the oven	19:25
Date samples were removed from oven	8/8/13
Oven Temp when samples removed from oven	100 Degrees C
Time Samples were removed from oven	08:44
Oven ID	Oven 2
ID number of the thermometer	N71730
Uncorrected In Temperature	108 Celsius
Uncorrected Out Temperature	100 Celsius

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

460-60690 Chain of Custody

CHAIN OF CUSTO

Page 1 of 1

08/13/2013

Page 1399 of 1401

Name (for report and invoice): Wendy monte/o&G	Samplers Name (Printed): Joe Gavin	Site/Project Identification: 81 East 125th Street
Company: Roux Associates	P. O. #:	State (Location of site): NJ: ☐ NY: ☐ Other:
		Regulatory Program:
Address: 209 Shafter St.	Analysis Turnaround Time: Standard ☒	
City: Islandia State: NY	Rush Chrages Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: 631-232-2600 Fax:		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	TAL metals 6010B	mod 6010B copper	mod 6010B silver	mod 6010B Lead	mod 6010B zinc	8081B Pesticides						LAB USE ONLY Sample Numbers
Post Ex-1 / 3'	8/5/13	0940	S	1	X					X						-1
Post Ex-2 / 4'		1020	S	1	X					X						-2
Post Ex-3 / 4'		1030	S	1	X					X						-3
Post Ex-4 / 8'		1340	S	1		X				X						-4
Post Ex-5 / 8'		1455	S	1		X	X		X	X						-5
Post Ex-6 / 4-5'		1530	S	1		X		X		X						-6
FB080520 13		1105	W	3	X					X						-7

Job No: 60690

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

	TAL metals 6010B	mod 6010B copper	mod 6010B silver	mod 6010B Lead	mod 6010B zinc	8081B Pesticides
Soil:	1	1	1	1	1	1
Water:	4/1					1

5-Day RUSH

Special Instructions: Custody seal 767469 / 767470

Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date / Time	Received by	Company
1)	Roux	8/5/13 1730	1) Fed Ex	
2)		8/6/13 9:30	2)	8/6/13
3)			3)	09:30
4) C-SZ 767469			4) 1.1 / 1.3°	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0408)

TestAmerica Edison Receipt Temperature and pH Log

Job Number: 60690

Number of Coolers:	1	IR Gun #			
Temp. Cooler #1 (Deg C) (Raw/Corrected)	1.1/3°C	Temp. Cooler #4 (Deg C) (Raw/Corrected)		Temp. Cooler #7 (Deg C) (Raw/Corrected)	
Temp. Cooler #2 (Deg C) (Raw/Corrected)		Temp. Cooler #5 (Deg C) (Raw/Corrected)		Temp. Cooler #8 (Deg C) (Raw/Corrected)	
Temp. Cooler #3 (Deg C) (Raw/Corrected)		Temp. Cooler #6 (Deg C) (Raw/Corrected)		Temp. Cooler #9 (Deg C) (Raw/Corrected)	

Sample No.	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	*Metals (pH<2)	Pest (pH 5-9)	PHC (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other
7				<2									

If pH adjustments are required record the information below:

Sample No(s). adjusted: N/A

Preservative Name/Conc.: N/A

Volume of Preservative used (ml): N/A

Lot # of Preservative: N/A

Expiration Date: N/A

Project Manager and the Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 3, 10/8/12

Initials: KR

Date: 8/6/13

Login Sample Receipt Checklist

Client: Roux Associates, Inc.

Job Number: 460-60690-1

Login Number: 60690

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	767469
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

Disposal Facility Approvals

SoilSafe®
6700 Alexander Bell Drive
Suite 300
Columbia, MD 21047
(410) 872-3990

August 1, 2013

Rotem Shaubi
81 East 125th. Street,
New York, NY

RE: Corn Exchange 330+/- Tons of Soil

Dear Rotem:

Soil Safe, Inc has reviewed the Material Characterization Report (MCR) along with the laboratory analysis outlined below submitted from the referenced project.

We have approved the approximate 330+/- tons for acceptance to our Logan Township, NJ Facility under approval number L4-9750.

If you have any questions regarding this approval, please contact
Amy Ralston at (410) 872-3990 x 1122.

Samples Provided used for Approval Analysis

3061818-1	3061818-2	3061818-3	3061818-4

Don Wallace
Material Acceptance Manager

Cc: Amy Ralston
Logan Facility
File

Manifest Documentation

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name CORN EXCHANGE Generator Site/Location SAME

Address 816 125TH ST. Address

N.Y. N.Y.

Phone No. Phone No.

Approval Number LY-9750

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

ID .0120
GROSS 39.13 GROSS
RECALLED
TARE 17.74 TARE
NET 21.39 T NET
LOG 69
08/12/2013
01:10PM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

JIM ROBERTSON 8/12/13

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name ALL STATE ORC Driver Name (Print)

Address 473 HAMBURG TURNPIKE Vehicle License No. / State / EPA No.

WEST MILFORD N.J. Truck Number

I hereby certify that the above named material was picked up at the generator site listed above.

8/12/13

Driver Signature Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

8/12/13

Driver Signature Delivery Date

DESTINATION

Site Name **Soil Safe, Inc. - Bridgeport** Phone No. **1-856-467-8030**

Address **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J Garcia 8 12 13

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: COIN EXCHANGE
Generator Site/Location: same
Address: 816 EAST 125TH. ST. N.Y.
Address:
Phone No.:
Phone No.:

Approval Number: 14-9750

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID .0120
GROSS 37.8 GROSS
RECALLED
TARE 17.59 TARE
NET 20.22 T NET
LOG 48
08/13/2013
11:54AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

JIM ROBERTSON — Jim Robertson — 8/13/13
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: Allstate ORC
Driver Name (Print): JIM ROBERTSON
Address: 473 Hamburg TPK. West Milford, NJ 07480
Vehicle License No. / State / EPA No.: AM781H
Truck Number: 120

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature — 8/13/13 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jim Robertson — 8/13/13
Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport** Phone No.: **1-856-467-8030**

Address: **378 Route 130 Logan Township, NJ 08085**
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia — 8.13.13
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: COIN EXCHANGE
Generator Site/Location: SAME
Address: 81 EAST 125TH. STREET
NEW YORK
Address:
Phone No.:
Phone No.:

Approval Number: 14-9750

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID .0120		
GROSS	36.72 T	GROSS
RECALLED TARE	17.18 T	TARE
NET 49	19.54 T	NET
08/15/2013 11:24AM		TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

JIM ROBERTSON — Jim Robertson — 8/15/14
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: ALL STATE ORC
Driver Name (Print): JIM ROBERTSON
Address: 473 HAMBURG TURNPIKE
WEST MILFORD N.J.
Vehicle License No. / State / EPA No.: AM 781 H
Truck Number: 120

I hereby certify that the above named material was picked up at the generator site listed above.

Jim Robertson — 8/15/13
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jim Robertson — 8/15/13
Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport**
Phone No.: **1-856-467-8030**
Address: **378 Route 130 Logan Township, NJ 08085**
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia — 8/15/13
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name Coin Exchange

Address 81 East 125th Street
New York, NY

Phone No.

Generator Site/Location SAMF

Address

Phone No.

Approval Number L4-9750

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

ID .0120
GROSS 39.46 GROSS
RECALLED
TARE 17.53 TARE
NET 21.95 T NET
LOG
08/19/2013
07:35AM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name | Signature | Shipment Date

TRANSPORTER

Transporter Name Allstate ORC

Address 473 Hamburg Turnpike
West Milford, NJ 07405

Driver Name (Print) Jim Robertson

Vehicle License No. / State / EPA No. AM 781H

Truck Number 120

I hereby certify that the above named material was picked up at the generator site listed above.

Jim Robertson 8/19/13

Driver Signature | Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

8/19/13

Driver Signature | Delivery Date

DESTINATION

Site Name **Soil Safe, Inc. - Bridgeport** Phone No. **1-856-467-8030**

Address **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia 8 19 13

Name of Authorized Agent | Signature | Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: Corn Exchange
Address: 81 E. 125th Street
New York, NY
Phone No.:

Generator Site/Location: same
Address:
Phone No.:

Approval Number: 649950

Description of Material: Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

GROSS	35.24	GROSS
RECALLED TARE	17.48	
NET	17.76	TARE
LOG 66		NET
08/20/2013 01:23PM		TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

THOMAS WARDEN — Thomas Warden — 8/20/13

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: Allstate ORC
Address: 473 Hamburg TPK.
West Milford, NJ

Driver Name (Print): Jim Robertson
Vehicle License No. / State / EPA No.: AM781H
Truck Number: 120

I hereby certify that the above named material was picked up at the generator site listed above.

Jim Robertson — 8/20/13

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jim Robertson — 8/20/13

Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport** Phone No.: **1-856-467-8030**

Address: **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia — 8 20 13

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

38 56

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name CORN EXCHANGE Generator Site/Location SAME

Address 81 EAST 125TH. STREET Address

NEW YORK

Phone No. Phone No.

Approval Number 424750

Description of Material

Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

ID -0113
GROSS 38.56 T GROSS
RECALLED 16.49 TARE
NBRE 78 22.07 NET
LOG 22.07
08/22/2013 TONNAGE
02:52PM

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

THOMAS WARDEN Thomas Warden 8/15/13

Generator Authorized Agent Name Signature Shipment Date

TRANSPORTER

Transporter Name ALL STATE ORC Driver Name (Print) Rick Woodham ~~JIM ROBERTSON~~

Address 473 HAMBURG TURNPIKE Vehicle License No. / State / EPA No. AM 384H

WEST MILFORD N.J. Truck Number 113

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature 8/15/13 Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature 8-22-13 Delivery Date

DESTINATION

Site Name **Soil Safe, Inc. - Bridgeport** Phone No. **1-856-467-8030**

Address **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.

Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J Garcia 8 22 13

Name of Authorized Agent Signature Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

3507

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: CORN EXCHANGE
Generator Site/Location: SAMG
Address: 81 EAST 125TH. STREET
NEW YORK
Address:
Phone No.:
Phone No.:

Approval Number: L4-9750

Description of Material: Non-Regulated Petroleum Contaminated Soil

Non DOT/RCRA Regulated

ID .0120
GROSS 35.07 GROSS
RECALLED
TARE 17.28 TARE
NET 17.79 NET
LOG 18
08/21/2013
10:41AM
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

THOMAS WARDEN — Thomas Warden — 8/21/13
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: ALLSTATE ORC
Driver Name (Print): JIM ROBERTSON
Address: 473 HAMBURG TURNPIKE
WEST MILFORD N.J.
Vehicle License No. / State / EPA No.: AM781H
Truck Number: 120

I hereby certify that the above named material was picked up at the generator site listed above.

Jim Robertson — 8/21/13
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Jim Rob — 8/21/13
Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport**
Phone No.: **1-856-467-8030**
Address: **378 Route 130 Logan Township, NJ 08085**
No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia — 8/21/13
Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: CORN EXCHANGE

Generator Site/Location: SAME

Address: 81E 125TH STREET
NEW YORK

Address:

Phone No.:

Phone No.:

Approval Number: L4-9750

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID .0113
GROSS 36.9 GROSS
RECALLED
TARE 16.71 TARE
NET 20.23 NET
LOG 51
09/09/2013
01:10PM TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

THOMAS WANDEN — Signature — 8/23/13

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: ALL STATE ORC

Driver Name (Print): Bill Santiago

Address: 437 HAMBURG TURNPIKE
WEST MILFORD N.J.

Vehicle License No. / State / EPA No.: AM 384H

Truck Number: 113

I hereby certify that the above named material was picked up at the generator site listed above.

8/23/13

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

9/9/13

Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport**

Phone No.: **1-856-467-8030**

Address: **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

J. Garcia — 9/9/13

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

3602
113

Log Number

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name: CORN EXCHANGE

Generator Site/Location: SAME

Address: 81 EAST 125TH STREET
NEW YORK

Address:

Phone No.:

Phone No.:

Approval Number: L4 9750

Description of Material:
Non-Regulated Petroleum Contaminated Soil
Non DOT/RCRA Regulated

ID 113
GROSS 36.02
RECALLED
TARE 16.52
NET 19.50
LOG 66
12 09 KM/2013

GROSS
TARE
NET
TONNAGE

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

THOMAS WARDEN — Thomas Warden 9/12/13 — 8/22/13

Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Transporter Name: ALL STATE ORC

Driver Name (Print): Joe Bake

Address: 437 HAMBURG TURNPIKE
WEST MILFORD N.J.

Vehicle License No. / State / EPA No.: AM384H

Truck Number: 113

I hereby certify that the above named material was picked up at the generator site listed above.

8/22/13

Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

9/12/13

Driver Signature — Delivery Date

DESTINATION

Site Name: **Soil Safe, Inc. - Bridgeport**

Phone No.: **1-856-467-8030**

Address: **378 Route 130 Logan Township, NJ 08085**

No left turn on Rt. 130 North into the facility.
Business hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

9/12/13

Name of Authorized Agent — Signature — Receipt Date

White - Facility Green - Facility Yellow - Generator Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Waste Characterization Analytical Results

Table 1. Summary of Volatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-1 2/6/2013 12-14	SB-1 2/6/2013 16-18	SB-2 2/6/2013 12-14	SB-2 2/6/2013 16-18	SB-3 2/7/2013 12-15	SB-4 2/7/2013 12-15
1,1,1-Trichloroethane	680	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,1,2,2-Tetrachloroethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,1,2-Trichloroethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,1-Dichloroethane	270	240000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,1-Dichloroethene	330	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2,3-Trichlorobenzene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2,4-Trichlorobenzene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2-Dibromoethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2-Dichlorobenzene	1100	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2-Dichloroethane	20	30000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,2-Dichloropropane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,3-Dichlorobenzene	2400	280000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,4-Dichlorobenzene	1800	130000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
1,4-Dioxane	100	130000		50 U	53 U	54 U	52 U	47 U	45 U
2-Butanone (MEK)	120	500000		3 J	11 U	5.5 J	10 U	9.4 U	9.1 U
2-Hexanone	--	--		9.9 U	11 U	11 U	10 U	9.4 U	9.1 U
4-Methyl-2-pentanone (MIBK)	--	--		9.9 U	11 U	11 U	10 U	9.4 U	9.1 U
Acetone	50	500000		7.3 J	13	13	12	3.7 J	7.2 J
Benzene	60	44000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Bromochloromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Bromodichloromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Bromoform	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Bromomethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Carbon disulfide	--	--		0.99 U	1.1 U	0.49 J	0.23 J	0.94 U	0.91 U
Carbon tetrachloride	760	22000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Chlorobenzene	1100	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Chloroethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Chloroform	370	350000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Chloromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
cis-1,2-Dichloroethene	250	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
cis-1,3-Dichloropropene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Cyclohexane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Dibromochloromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U

Table 1. Summary of Volatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013	2/7/2013
			Sample Depth (ft bls):	12-14	16-18	12-14	16-18	12-15	12-15
Dibromochloropropane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Dichlorodifluoromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Ethylbenzene	1000	390000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Freon 113	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Isopropylbenzene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Methyl acetate	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Methylcyclohexane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Methylene chloride	50	500000		0.87 J	5	1.6	6	1.2	2.2
MTBE	930	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Styrene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Tetrachloroethene	1300	150000		1	1.4	2.2	0.57 J	0.94 U	0.91 U
Toluene	700	500000		0.24 J	0.45 J	0.53 J	0.57 J	0.15 J	0.36 J
trans-1,2-Dichloroethene	190	500000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
trans-1,3-Dichloropropene	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Trichloroethene	470	200000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Trichlorofluoromethane	--	--		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Vinyl chloride	20	13000		0.99 U	1.1 U	1.1 U	1 U	0.94 U	0.91 U
Xylenes (total)	260	500000		3 U	3.2 U	3.3 U	3.1 U	2.8 U	2.7 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Commercial Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 1. Summary of Volatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
1,1,1-Trichloroethane	680	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,1,2,2-Tetrachloroethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,1,2-Trichloroethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,1-Dichloroethane	270	240000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,1-Dichloroethene	330	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2,3-Trichlorobenzene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2,4-Trichlorobenzene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2-Dibromoethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2-Dichlorobenzene	1100	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2-Dichloroethane	20	30000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,2-Dichloropropane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
1,3-Dichlorobenzene	2400	280000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,4-Dichlorobenzene	1800	130000		1 U	1 U	0.99 U	0.98 U	1.1 U
1,4-Dioxane	100	130000		52 U	51 U	50 U	49 U	54 U
2-Butanone (MEK)	120	500000		10 U	10 U	9.9 U	9.8 U	11 U
2-Hexanone	--	--		10 U	10 U	9.9 U	9.8 U	11 U
4-Methyl-2-pentanone (MIBK)	--	--		10 U	10 U	9.9 U	9.8 U	11 U
Acetone	50	500000		4.8 J	5.9 J	8.9 J	11	6.2 J
Benzene	60	44000		1 U	1 U	0.99 U	0.98 U	1.1 U
Bromochloromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Bromodichloromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Bromoform	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Bromomethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Carbon disulfide	--	--		1 U	1 U	0.26 J	0.98 U	1.1 U
Carbon tetrachloride	760	22000		1 U	1 U	0.99 U	0.98 U	1.1 U
Chlorobenzene	1100	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
Chloroethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Chloroform	370	350000		1 U	1 U	0.99 U	0.98 U	1.1 U
Chloromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
cis-1,2-Dichloroethene	250	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
cis-1,3-Dichloropropene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Cyclohexane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Dibromochloromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U

Table 1. Summary of Volatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
Dibromochloropropane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Dichlorodifluoromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Ethylbenzene	1000	390000		1 U	1 U	0.99 U	0.98 U	1.1 U
Freon 113	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Isopropylbenzene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Methyl acetate	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Methylcyclohexane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Methylene chloride	50	500000		0.91 J	0.72 J	1.9	2.3	1.5
MTBE	930	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
Styrene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Tetrachloroethene	1300	150000		0.42 J	1 U	0.58 J	0.98 U	1.1 U
Toluene	700	500000		0.33 J	1 U	0.48 J	0.22 J	1.1 U
trans-1,2-Dichloroethene	190	500000		1 U	1 U	0.99 U	0.98 U	1.1 U
trans-1,3-Dichloropropene	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Trichloroethene	470	200000		1 U	1 U	0.99 U	0.98 U	1.1 U
Trichlorofluoromethane	--	--		1 U	1 U	0.99 U	0.98 U	1.1 U
Vinyl chloride	20	13000		1 U	1 U	0.99 U	0.98 U	1.1 U
Xylenes (total)	260	500000		3.1 U	3.1 U	3 U	2.9 U	3.3 U

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Commercial Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013	2/7/2013
			Sample Depth (ft bls):	12-14	16-18	12-14	16-18	12-15	12-15
1,1'-Biphenyl	--	--		370 U	360 U	360 U	360 U	360 U	360 U
1,2,4,5-Tetrachlorobenzene	--	--		370 U *	360 U *	360 U *	360 U *	360 U *	360 U *
1,4-Dioxane	100	130000		370 U	360 U	360 U	360 U	360 U	360 U
2,2'-oxybis (1-chloropropane)	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2,3,4,6-Tetrachlorophenol	--	--		370 U *	360 U *	360 U *	360 U *	360 U *	360 U *
2,4,5-Trichlorophenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2,4,6-Trichlorophenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2,4-Dichlorophenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2,4-Dimethylphenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2,4-Dinitrophenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
2,4-Dinitrotoluene	--	--		75 U	73 U	73 U	73 U	72 U	73 U
2,6-Dinitrotoluene	--	--		75 U	73 U	73 U	73 U	72 U	73 U
2-Chloronaphthalene	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2-Chlorophenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2-Methylnaphthalene	--	--		370 U	360 U	360 U	360 U	360 U	360 U
2-Methylphenol	330	500000		370 U	360 U	360 U	360 U	360 U	360 U
2-Nitroaniline	--	--		750 U	730 U	730 U	730 U	720 U	730 U
2-Nitrophenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
3,3'-Dichlorobenzidine	--	--		750 U	730 U	730 U	730 U	720 U	730 U
3-Nitroaniline	--	--		750 U	730 U	730 U	730 U	720 U	730 U
4,6-Dinitro-2-methylphenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
4-Bromophenyl phenyl ether	--	--		370 U	360 U	360 U	360 U	360 U	360 U
4-Chloro-3-methylphenol	--	--		370 U	360 U	360 U	360 U	360 U	360 U
4-Chloroaniline	--	--		370 U	360 U	360 U	360 U	360 U	360 U
4-Chlorophenyl phenyl ether	--	--		370 U	360 U	360 U	360 U	360 U	360 U
4-Methylphenol	330	500000		370 U	360 U	360 U	360 U	360 U	360 U
4-Nitroaniline	--	--		750 U	730 U	730 U	730 U	720 U	730 U
4-Nitrophenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
Acenaphthene	20000	500000		370 U	360 U	360 U	360 U	360 U	360 U
Acenaphthylene	100000	500000		370 U	360 U	360 U	360 U	360 U	360 U
Acetophenone	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Anthracene	100000	500000		90 J	360 U	85 J	360 U	360 U	100 J

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013	2/7/2013
			Sample Depth (ft bls):	12-14	16-18	12-14	16-18	12-15	12-15
Atrazine	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Benzaldehyde	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Benzo[a]anthracene	1000	5600		740	130	770	330	45	990
Benzo[a]pyrene	1000	1000		600	110	630	240	35 J	810
Benzo[b]fluoranthene	1000	5600		340	63	400	130	21 J	570
Benzo[g,h,i]perylene	100000	500000		180 J	54 J	190 J	78 J	360 U	230 J
Benzo[k]fluoranthene	800	56000		37 U	36 U	36 U	36 U	36 U	36 U
Bis(2-chloroethoxy)methane	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Bis(2-chloroethyl) ether	--	--		37 U	36 U	36 U	36 U	36 U	36 U
Bis(2-ethylhexyl) phthalate	--	--		370 U	360 U	360 U	360 U	360 U	170 J
Butylbenzyl phthalate	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Caprolactam	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Carbazole	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Chrysene	1000	56000		710	120 J	740	300 J	360 U	1000
Dibenzo[a,h]anthracene	330	560		64	15 J	71	36	36 U	120
Dibenzofuran	7000	350000		370 U	360 U	360 U	360 U	360 U	360 U
Diethyl phthalate	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Dimethyl phthalate	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Di-n-butyl phthalate	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Di-n-octyl phthalate	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Fluoranthene	100000	500000		170 J	360 U	220 J	48 J	360 U	290 J
Fluorene	30000	500000		370 U	360 U	360 U	360 U	360 U	360 U
Hexachlorobenzene	330	6000		37 U	36 U	36 U	36 U	36 U	36 U
Hexachlorobutadiene	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Hexachlorocyclopentadiene	--	--		370 U	360 U	360 U	360 U	360 U	360 U
Hexachloroethane	--	--		37 U	36 U	36 U	36 U	36 U	36 U
Indeno[1,2,3-cd]pyrene	500	5600		61	17 J	79	39	36 U	120
Isophorone	--	--		370 U	360 U	360 U	360 U	360 U	75 J
Naphthalene	12000	500000		370 U	360 U	360 U	360 U	360 U	360 U
Nitrobenzene	--	--		37 U	36 U	36 U	36 U	36 U	36 U
n-Nitrosodi-n-propylamine	--	--		37 U	36 U	36 U	36 U	36 U	36 U
n-Nitrosodiphenylamine	--	--		370 U	360 U	360 U	360 U	360 U	360 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013	2/7/2013
			Sample Depth (ft bls):	12-14	16-18	12-14	16-18	12-15	12-15
Pentachlorophenol	800	6700		1100 U	1100 U	1100 U	1100 U	1100 U	1100 U
Phenanthrene	100000	500000		210 J	360 U	260 J	81 J	360 U	330 J
Phenol	330	500000		370 U	360 U	360 U	360 U	360 U	360 U
Pyrene	100000	500000		720	140 J	780	300 J	46 J	1200

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
* - LCS or LCSP exceeds the control limits
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards
NA - Compound was not analyzed by laboratory

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
1,1'-Biphenyl	--	--		360 U	370 U	370 U	360 U	370 U
1,2,4,5-Tetrachlorobenzene	--	--		360 U *	370 U *	370 U *	360 U *	370 U *
1,4-Dioxane	100	130000		360 U	370 U	370 U	360 U	370 U
2,2'-oxybis (1-chloropropane)	--	--		360 U	370 U	370 U	360 U	370 U
2,3,4,6-Tetrachlorophenol	--	--		360 U *	370 U *	370 U *	360 U	370 U *
2,4,5-Trichlorophenol	--	--		360 U	370 U	370 U	360 U	370 U
2,4,6-Trichlorophenol	--	--		360 U	370 U	370 U	360 U	370 U
2,4-Dichlorophenol	--	--		360 U	370 U	370 U	360 U	370 U
2,4-Dimethylphenol	--	--		360 U	370 U	370 U	360 U	370 U
2,4-Dinitrophenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U
2,4-Dinitrotoluene	--	--		74 U	75 U	75 U	73 U	74 U
2,6-Dinitrotoluene	--	--		74 U	75 U	75 U	73 U	74 U
2-Chloronaphthalene	--	--		360 U	370 U	370 U	360 U	370 U
2-Chlorophenol	--	--		360 U	370 U	370 U	360 U	370 U
2-Methylnaphthalene	--	--		360 U	370 U	370 U	360 U	370 U
2-Methylphenol	330	500000		360 U	370 U	370 U	360 U	370 U
2-Nitroaniline	--	--		740 U	750 U	750 U	730 U	740 U
2-Nitrophenol	--	--		360 U	370 U	370 U	360 U	370 U
3,3'-Dichlorobenzidine	--	--		740 U	750 U	750 U	730 U	740 U
3-Nitroaniline	--	--		740 U	750 U	750 U	730 U	740 U
4,6-Dinitro-2-methylphenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U
4-Bromophenyl phenyl ether	--	--		360 U	370 U	370 U	360 U	370 U
4-Chloro-3-methylphenol	--	--		360 U	370 U	370 U	360 U	370 U
4-Chloroaniline	--	--		360 U	370 U	370 U	360 U	370 U
4-Chlorophenyl phenyl ether	--	--		360 U	370 U	370 U	360 U	370 U
4-Methylphenol	330	500000		360 U	370 U	370 U	360 U	370 U
4-Nitroaniline	--	--		740 U	750 U	750 U	730 U	740 U
4-Nitrophenol	--	--		1100 U	1100 U	1100 U	1100 U	1100 U
Acenaphthene	20000	500000		360 U	370 U	370 U	360 U	370 U
Acenaphthylene	100000	500000		360 U	370 U	370 U	360 U	370 U
Acetophenone	--	--		360 U	370 U	370 U	360 U	370 U
Anthracene	100000	500000		360 U	370 U	370 U	360 U	370 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
Atrazine	--	--		360 U	370 U	370 U	360 U	370 U
Benzaldehyde	--	--		360 U	370 U	370 U	360 U	370 U
Benzo[a]anthracene	1000	5600		240	37 U	37 U	36 U	37 U
Benzo[a]pyrene	1000	1000		200	37 U	37 U	36 U	37 U
Benzo[b]fluoranthene	1000	5600		140	37 U	37 U	36 U	37 U
Benzo[g,h,i]perylene	100000	500000		51 J	370 U	370 U	360 U	370 U
Benzo[k]fluoranthene	800	56000		36 U	37 U	37 U	36 U	37 U
Bis(2-chloroethoxy)methane	--	--		360 U	370 U	370 U	360 U	370 U
Bis(2-chloroethyl) ether	--	--		36 U	37 U	37 U	36 U	37 U
Bis(2-ethylhexyl) phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Butylbenzyl phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Caprolactam	--	--		360 U	370 U	370 U	360 U	370 U
Carbazole	--	--		360 U	370 U	370 U	360 U	370 U
Chrysene	1000	56000		200 J	370 U	370 U	360 U	370 U
Dibenzo[a,h]anthracene	330	560		26 J	37 U	37 U	36 U	37 U
Dibenzofuran	7000	350000		360 U	370 U	370 U	360 U	370 U
Diethyl phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Dimethyl phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Di-n-butyl phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Di-n-octyl phthalate	--	--		360 U	370 U	370 U	360 U	370 U
Fluoranthene	100000	500000		68 J	370 U	370 U	360 U	370 U
Fluorene	30000	500000		360 U	370 U	370 U	360 U	370 U
Hexachlorobenzene	330	6000		36 U	37 U	37 U	36 U	37 U
Hexachlorobutadiene	--	--		74 U	75 U	75 U	73 U	74 U
Hexachlorocyclopentadiene	--	--		360 U	370 U	370 U	360 U	370 U
Hexachloroethane	--	--		36 U	37 U	37 U	36 U	37 U
Indeno[1,2,3-cd]pyrene	500	5600		26 J	37 U	37 U	36 U	37 U
Isophorone	--	--		360 U	370 U	370 U	360 U	370 U
Naphthalene	12000	500000		360 U	370 U	370 U	360 U	370 U
Nitrobenzene	--	--		36 U	37 U	37 U	36 U	37 U
n-Nitrosodi-n-propylamine	--	--		36 U	37 U	37 U	36 U	37 U
n-Nitrosodiphenylamine	--	--		360 U	370 U	370 U	360 U	370 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
Pentachlorophenol	800	6700		1100 U	1100 U	1100 U	1100 U	1100 U
Phenanthrene	100000	500000		80 J	370 U	370 U	360 U	370 U
Phenol	330	500000		360 U	370 U	370 U	360 U	370 U
Pyrene	100000	500000		220 J	370 U	370 U	360 U	370 U

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
* - LCS or LCSP exceeds the control limits
DUP - Duplicate sample
µg/kg - Micrograms per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Stanc
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standa
NA - Compound was not analyzed by laboratory

Table 3. Summary of Metals in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-1 2/6/2013 12-14	SB-1 2/6/2013 16-18	SB-2 2/6/2013 12-14	SB-2 2/6/2013 16-18	SB-3 2/7/2013 12-15	SB-4 2/7/2013 12-15
Aluminum	--	--		6090	4120	4750	7030	3340	5420
Antimony	--	--		2 U	2.1 U	2 U	1.9 U	1.9 U	2.1 U
Arsenic	13	16		3.2	1.2	2.5	4.8	0.94 U	2.5
Barium	350	400		67	34.7 J	54.5	57.6	25.6 J	58.3
Beryllium	7.2	590		0.28 J	0.19 J	0.24 J	0.3 J	0.18 J	0.58
Cadmium	2.5	9.3		1.5	1 U	1 U	0.97 U	0.94 U	1.1 U
Calcium	--	--		51000	12200	50200	46000	781 J	14500
Chromium	30	1500		10.7	10.4	15.8	16.2	10.5	18.5
Cobalt	--	--		4.2 J	3.8 J	3.4 J	5 J	3.4 J	4.5 J
Copper	50	270		**71**	**104**	**142**	**96.8**	13.7	24.5
Iron	--	--		9130	8080	6850	9640	5830	11800
Lead	63	1000		42.6	14.6	46.1	42.8	3.5	34
Magnesium	--	--		9590	2670	5120	7050	1300	4390
Manganese	1600	10000		594	284	535	406	205	534
Mercury	0.18	2.8		0.083	0.023	0.053	0.051	0.018 U	0.045
Nickel	30	310		10.8	9.8	11.3	14.3	7 J	9.9
Potassium	--	--		1140	571 J	639 J	1000	459 J	1020 J
Selenium	3.9	1500		2 U	2.1 U	2 U	1.9 U	1.9 U	2.1 U
Silver	2	1500		**4.4**	0.35 J	2 U	1.9 U	1.9 U	2.1 U
Sodium	--	--		234 J	1030 U	180 J	383 J	939 U	1060 U
Thallium	--	--		2 U	2.1 U	2 U	1.9 U	1.9 U	2.1 U
Vanadium	--	--		15.8	11.3	16.1	20.4	9.4	18.9
Zinc	109	10000		**114**	36.2	33.4	32.2	9.6	31

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
DUP - Duplicate sample
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 3. Summary of Metals in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	SB-5 2/6/2013 12-14	SB-5 2/6/2013 16-18	SB-5 DUP 2/6/2013 16-18	SB-6 2/6/2013 12-14	SB-6 2/6/2013 16-18
Aluminum	--	--		6200	4180	4890	2740	13100
Antimony	--	--		2 U	2 U	2.1 U	2 U	2.2 U
Arsenic	13	16		2.2	1 U	2	1.1	3.7
Barium	350	400		52.6	28.9 J	40.8 J	26 J	73
Beryllium	7.2	590		0.31 J	0.19 J	0.19 J	0.39 U	0.44
Cadmium	2.5	9.3		0.99 U	1 U	1.1 U	0.98 U	1.1 U
Calcium	--	--		27800	1600	22600	799 J	757 J
Chromium	30	1500		10.1	7.9	7.6	7.3	14.4
Cobalt	--	--		4.2 J	3.9 J	3.2 J	2.7 J	2.7 J
Copper	50	270		**177**	45.7	**50.7**	11.2	6.5
Iron	--	--		9600	6810	6790	4820	13300
Lead	63	1000		**137**	8.7	25.8	31.1	13.8
Magnesium	--	--		8420	1640	6010	1050	934 J
Manganese	1600	10000		585	101	269	258	84
Mercury	0.18	2.8		0.039	0.019 U	0.018	0.062	0.018 U
Nickel	30	310		12.3	8.8	8.6	4.8 J	6.2 J
Potassium	--	--		724 J	545 J	633 J	415 J	334 J
Selenium	3.9	1500		2 U	2 U	2.1 U	2 U	2.2 U
Silver	2	1500		2 U	2 U	2.1 U	2 U	2.2 U
Sodium	--	--		219 J	1000 U	229 J	977 U	1100 U
Thallium	--	--		2 U	2 U	2.1 U	2 U	2.2 U
Vanadium	--	--		18	8.9 J	10.6	7.4 J	20.7
Zinc	109	10000		57.5	20.4	26.7	11.2	21.9

J - Estimated value
U - Indicates that the compound was analyzed for but not detected
DUP - Duplicate sample
mg/kg - Milligrams per kilogram
ft bls - Feet below land surface
NYSDEC - New York State Department of Environmental Conservation
-- No NYSDEC Part 375 Commercial Standards available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013	2/7/2013
			Sample Depth (ft bls):	12-14	16-18	12-14	16-18	12-15	12-15
Aroclor-1016	--	--		75 U *	73 U *	73 U *	73 U *	72 U *	73 U *
Aroclor-1221	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1232	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1242	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1248	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1254	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1260	--	--		75 U	61 J	73 U	73 U	72 U	73 U
Aroclor-1262	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Aroclor-1268	--	--		75 U	73 U	73 U	73 U	72 U	73 U
Total PCBs	100	1000		0	61 J	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

* - LCS or LCSP exceeds the control limits

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Commercial Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 4. Summary of Polychlorinated Biphenyls in Soil, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/kg)	NYSDEC Part 375 Unrestricted Use	NYSDEC Part 375 Commercial (µg/kg)	**Sample Designation:**	SB-5	SB-5	SB-5 DUP	SB-6	SB-6
			Sample Date:	2/6/2013	2/6/2013	2/6/2013	2/6/2013	2/6/2013
			Sample Depth (ft bls):	12-14	16-18	16-18	12-14	16-18
Aroclor-1016	--	--		74 U *	75 U *	75 U *	73 U *	74 U *
Aroclor-1221	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1232	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1242	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1248	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1254	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1260	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1262	--	--		74 U	75 U	75 U	73 U	74 U
Aroclor-1268	--	--		74 U	75 U	75 U	73 U	74 U
Total PCBs	100	1000		0	0	0	0	0

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

* - LCS or LCSP exceeds the control limits

DUP - Duplicate sample

µg/kg - Micrograms per kilogram

ft bls - Feet below land surface

NYSDEC - New York State Department of Environmental Conservation

-- No NYSDEC Part 375 Commercial Standards available

Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use Standards

Shaded data indicates that parameter was detected above the NYSDEC Part 375 Commercial Standards

Table 5. Summay of Volatile Organic Compounds in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	MW-2 2/6/2013	MW-3 2/7/2013 5.5ft	MW-6 2/6/2013 8ft	MW-6 DUP 2/6/2013 8ft	TRIP BLANK 02062013 2/6/2013	TRIP Blank 02072013 2/7/2013
1,1,1-Trichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	--		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane	--		50 U	50 U	50 U	50 U	50 U	50 U
2-Butanone (MEK)	50		5 U	5 U	5 U	5 U	5 U	5 U
2-Hexanone	50		5 U	5 U	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	--		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50		5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1		1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50		1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	60		1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7		0.24 J	1 U	1 U	1 U	1 U	1 U
Chloromethane	--		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	5		1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	--		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloropropane	--		1 U	1 U	1 U	1 U	1 U	1 U

Table 5. Summay of Volatile Organic Compounds in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:**	MW-2	MW-3	MW-6	MW-6 DUP	TRIP BLANK 02062013	TRIP Blank 02072013
		Sample Date:	2/6/2013	2/7/2013	2/6/2013	2/6/2013	2/6/2013	2/7/2013
		Sample Depth (ft bls):		5.5ft	8ft	8ft		
Dichlorodifluoromethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Freon 113	--		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene	5		1 U	1 U	1 U	1 U	1 U	1 U
Methyl acetate	--		2 U	2 U	2 U	2 U	2 U	2 U
Methylcyclohexane	--		1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5		1 U	1 U	1 U	1 U	1 U	1 U
MTBE	10		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5		0.4 J	0.19 J	0.29 J	0.3 J	1 U	1 U
Toluene	5		0.23 J	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	--		1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5		1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	2		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	5		3 U	3 U	3 U	3 U	3 U	3 U
Totals			0.87	0.19	0.29	0.3	0	0

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 6. Summay of Semivolatile Organic Compounds in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	MW-2 2/6/2013	MW-3 2/7/2013 5.5ft	MW-6 2/6/2013 8ft	MW-6 DUP 2/6/2013 8ft
1,1'-Biphenyl	--		10 U	10 U	11 U	11 U
2,2'-oxybis (1-chloropropane)	5		10 U *	10 U *	11 U *	11 U *
2,4,5-Trichlorophenol	--		10 U	10 U	11 U	11 U
2,4,6-Trichlorophenol	--		10 U	10 U	11 U	11 U
2,4-Dichlorophenol	5		10 U	10 U	11 U	11 U
2,4-Dimethylphenol	50		10 U	10 U	11 U	11 U
2,4-Dinitrophenol	10		31 U *	30 U *	32 U *	33 U *
2,4-Dinitrotoluene	5		2.1 U	2 U	2.2 U	2.2 U
2,6-Dinitrotoluene	5		2.1 U	2 U	2.2 U	2.2 U
2-Chloronaphthalene	10		10 U	10 U	11 U	11 U
2-Chlorophenol	--		10 U	10 U	11 U	11 U
2-Methylnaphthalene	--		10 U	10 U	11 U	11 U
2-Methylphenol	--		10 U	10 U	11 U	11 U
2-Nitroaniline	5		21 U	20 U	22 U	22 U
2-Nitrophenol	--		10 U	10 U	11 U	11 U
3,3'-Dichlorobenzidine	5		21 U	20 U	22 U	22 U
3-Nitroaniline	5		21 U	20 U	22 U	22 U
4,6-Dinitro-2-methylphenol	--		31 U *	30 U *	32 U *	33 U *
4-Bromophenyl phenyl ether	--		10 U	10 U	11 U	11 U
4-Chloro-3-methylphenol	--		10 U	10 U	11 U	11 U
4-Chloroaniline	5		10 U	10 U	11 U	11 U
4-Chlorophenyl phenyl ether	--		10 U	10 U	11 U	11 U
4-Methylphenol	--		10 U	10 U	11 U	11 U
4-Nitroaniline	5		21 U	20 U	22 U	22 U
4-Nitrophenol	--		31 U	30 U	32 U	33 U
Acenaphthene	20		10 U	10 U	11 U	11 U
Acenaphthylene	20		10 U	10 U	11 U	11 U
Acetophenone	--		10 U	10 U	11 U	11 U
Anthracene	50		10 U	10 U	11 U	11 U
Atrazine	--		10 U	10 U	11 U	11 U
Benzaldehyde	--		10 U	10 U	11 U	11 U
Benzo[a]anthracene	0.002		1 U	1 U	1.1 U	1.1 U
Benzo[a]pyrene	0		1 U	1 U	1.1 U	1.1 U
Benzo[b]fluoranthene	0.002		1 U	1 U	1.1 U	1.1 U
Benzo[g,h,i]perylene	--		10 U	10 U	11 U	11 U
Benzo[k]fluoranthene	0.002		1 U	1 U	1.1 U	1.1 U
Bis(2-chloroethoxy)methane	5		10 U	10 U	11 U	11 U
Bis(2-chloroethyl) ether	--		1 U	1 U	1.1 U	1.1 U

Table 6. Summay of Semivolatile Organic Compounds in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	MW-2 2/6/2013	MW-3 2/7/2013 5.5ft	MW-6 2/6/2013 8ft	MW-6 DUP 2/6/2013 8ft
Bis(2-ethylhexyl) phthalate	5		10 U	10 U	11 U	11 U
Butylbenzyl phthalate	50		10 U	10 U	11 U	11 U
Caprolactam	--		10 U	10 U	11 U	11 U
Carbazole	--		10 U	10 U	11 U	11 U
Chrysene	0.002		10 U	10 U	11 U	11 U
Dibenzo[a,h]anthracene	--		1 U	1 U	1.1 U	1.1 U
Dibenzofuran	--		10 U	10 U	11 U	11 U
Diethyl phthalate	50		10 U	10 U	11 U	11 U
Dimethyl phthalate	50		10 U	10 U	11 U	11 U
Di-n-butyl phthalate	50		10 U	10 U	11 U	11 U
Di-n-octyl phthalate	--		10 U	10 U	11 U	11 U
Fluoranthene	50		10 U	10 U	11 U	11 U
Fluorene	50		10 U	10 U	11 U	11 U
Hexachlorobenzene	0.04		1 U	1 U	1.1 U	1.1 U
Hexachlorobutadiene	0.5		2.1 U	2 U	2.2 U	2.2 U
Hexachlorocyclopentadiene	5		10 U	10 U	11 U	11 U
Hexachloroethane	5		1 U	1 U	1.1 U	1.1 U
Indeno[1,2,3-cd]pyrene	0.002		1 U	1 U	1.1 U	1.1 U
Isophorone	50		10 U	10 U	11 U	11 U
Naphthalene	10		10 U	10 U	11 U	11 U
Nitrobenzene	0.4		1 U	1 U	1.1 U	1.1 U
n-Nitrosodi-n-propylamine	--		1 U	1 U	1.1 U	1.1 U
n-Nitrosodiphenylamine	50		10 U	10 U	11 U	11 U
Pentachlorophenol	1		31 U	30 U	32 U	33 U
Phenanthrene	50		10 U	10 U	11 U	11 U
Phenol	1		10 U	10 U	11 U	11 U
Pyrene	50		10 U	10 U	11 U	11 U

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 7. Summay of Metals in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	MW-2 2/6/2013	MW-2 2/6/2013 Filtered	MW-3 2/7/2013 5.5ft	MW-3 2/7/2013 5.5ft Filtered	MW-6 2/6/2013 8ft	MW-6 2/6/2013 8ft Filtered	MW-6 DUP 2/6/2013 8ft	MW-6 DUP 2/6/2013 8ft Filtered
Aluminum	--		193 J	200 U	6360	200 U	1230	200 U	1200	200 U
Antimony	3		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000		68.3 J	67.3 J	233	177 J	97.9 J	81.8 J	98.6 J	82.1 J
Beryllium	3		2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Cadmium	5		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium	--		57600	58100	60400	64900	60900	63600	60600	64000
Chromium	50		10 U	10 U	15.8	10 U	10 U	10 U	10 U	10 U
Cobalt	--		50 U	50 U	8.7 J	50 U	50 U	50 U	50 U	50 U
Copper	200		13.5 J	10.2 J	34.7	25 U	8.6 J	25 U	25 U	25 U
Iron	300		181	150 U	**8050**	150 U	**1070**	150 U	**1110**	150 U
Lead	25		5 U	5 U	9.4	5 U	16.2	5 U	24.7	5 U
Magnesium	--		19600	19600	26100	26700	18300	19200	18200	18800
Manganese	300		**748**	**744**	**1070**	**955**	**729**	**667**	**730**	**704**
Mercury	0.7		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100		40 U	40 U	19.3 J	5.5 J	5.9 J	40 U	6 J	40 U
Potassium	--		11000	11000	13300	13400	7380	7790	7300	7410
Selenium	10		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000		**66100**	**66900**	**69100**	**75000**	**53400**	**56100**	**52700**	**54700**
Thallium	0.5		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vanadium	--		50 U	50 U	15.5 J	50 U	4.2 J	50 U	4.3 J	50 U
Zinc	2000		21.5 J	22.3 J	42.2	16 J	10.7 J	6.5 J	13 J	6.8 J

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 8. Summay of Polychlorinated Biphenyls in Groundwater, 81 East 125th Street, New York, New York

Parameter (Concentrations in µg/L)	NYSDEC AWQSGVs (µg/L)	**Sample Designation:** **Sample Date:** **Sample Depth (ft bls):**	MW-2 2/6/2013	MW-3 2/7/2013 5.5ft	MW-6 2/6/2013 8ft	MW-6 DUP 2/6/2013 8ft
Aroclor-1016	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1221	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1232	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1242	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1248	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1254	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1260	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1262	--		0.51 U	0.51 U	0.51 U	0.5 U
Aroclor-1268	--		0.51 U	0.51 U	0.51 U	0.5 U
Total PCBs	0.09		0	0	0	0

NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
µg/L -Micrograms per liter
J - Estimated Value
U - Compound was analyzed for but not detected
DUP - Duplicate
- - No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 9. Summary of Volatile Organic Compounds in Soil Vapor, 81 East 125th Street, New York, New York

Parameter (Concentrations in ug/m^3)	**Sample Designation:** / **Sample Date:**	SV-2 2/7/2013	SV-3 2/7/2013	SV-6 2/7/2013	SV-7 2/13/2013
1,1,1-Trichloroethane		1.1 U	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane		1.4 U	1.4 U	1.4 U	1.4 U
1,1,2-Trichloroethane		1.1 U	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane		0.81 U	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene		0.79 U	0.79 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene		3.7 U	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene		**3.8**	**0.71 J**	**8.2**	**1.3**
1,2-Dibromoethane		1.5 U	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane		0.81 U	0.81 U	0.81 U	0.81 U
1,2-Dichloroethene (total)		0.79 U	0.79 U	**0.53 J**	**0.11 J**
1,2-Dichloropropane		0.92 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene		**1.2**	**0.27 J**	**2.2**	**0.47 J**
1,3-Butadiene		**0.66**	**2.4**	0.44 U	0.44 U
1,3-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene		1.2 U	1.2 U	1.2 U	1.2 U
1,4-Dioxane		18 U	18 U	18 U	18 U
2-Butanone (MEK)		**1.3 J**	**11**	**3.3**	**1 J**
2-Chlorotoluene		1 U	1 U	1 U	1 U
2-Hexanone		2 U	**1.5 J**	2 U	2 U
3-Chloropropene		1.6 U	1.6 U	1.6 U	1.6 U
4-Ethyltoluene		**1.1**	0.98 U	**1.7**	**0.47 J**
4-Methyl-2-pentanone (MIBK)		2 U	2 U	2 U	2 U
Acetone		**5.5 J**	**24**	**13**	**5.5 J**
Benzene		**5.6**	**4.5**	**5.2**	**4.7**
Benzyl chloride		1 U	1 U	1 U	1 U
Bromodichloromethane		1.3 U	1.3 U	1.3 U	1.3 U
Bromoethene		0.87 U	0.87 U	0.87 U	0.87 U
Bromoform		2.1 U	2.1 U	2.1 U	2.1 U
Bromomethane		0.78 U	0.78 U	0.78 U	0.78 U
Butane		**30**	**33**	**7.7**	**2.7**
Carbon disulfide		**17**	**17**	**18**	**15**
Carbon tetrachloride		**0.38 J**	1.3 U	**1.2 J**	**0.58 J**
Chlorobenzene		0.92 U	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane		1.8 U	1.8 U	1.8 U	1.8 U
Chloroethane		1.3 U	1.3 U	1.3 U	1.3 U
Chloroform		**2.5**	**3.7**	**3.1**	**3.7**
Chloromethane		1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene		0.79 U	0.79 U	**0.37 J**	0.79 U
cis-1,3-Dichloropropene		0.91 U	0.91 U	0.91 U	0.91 U
Cyclohexane		**2.4**	**7**	**1.9**	**3.5**
Dibromochloromethane		1.7 U	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane		**2.6**	**2.5**	**2.8**	**2.9**
Ethylbenzene		**1.8**	**2.1**	**2.2**	**2.3**
Freon 113		**0.58 J**	**0.65 J**	**0.7 J**	**0.71 J**

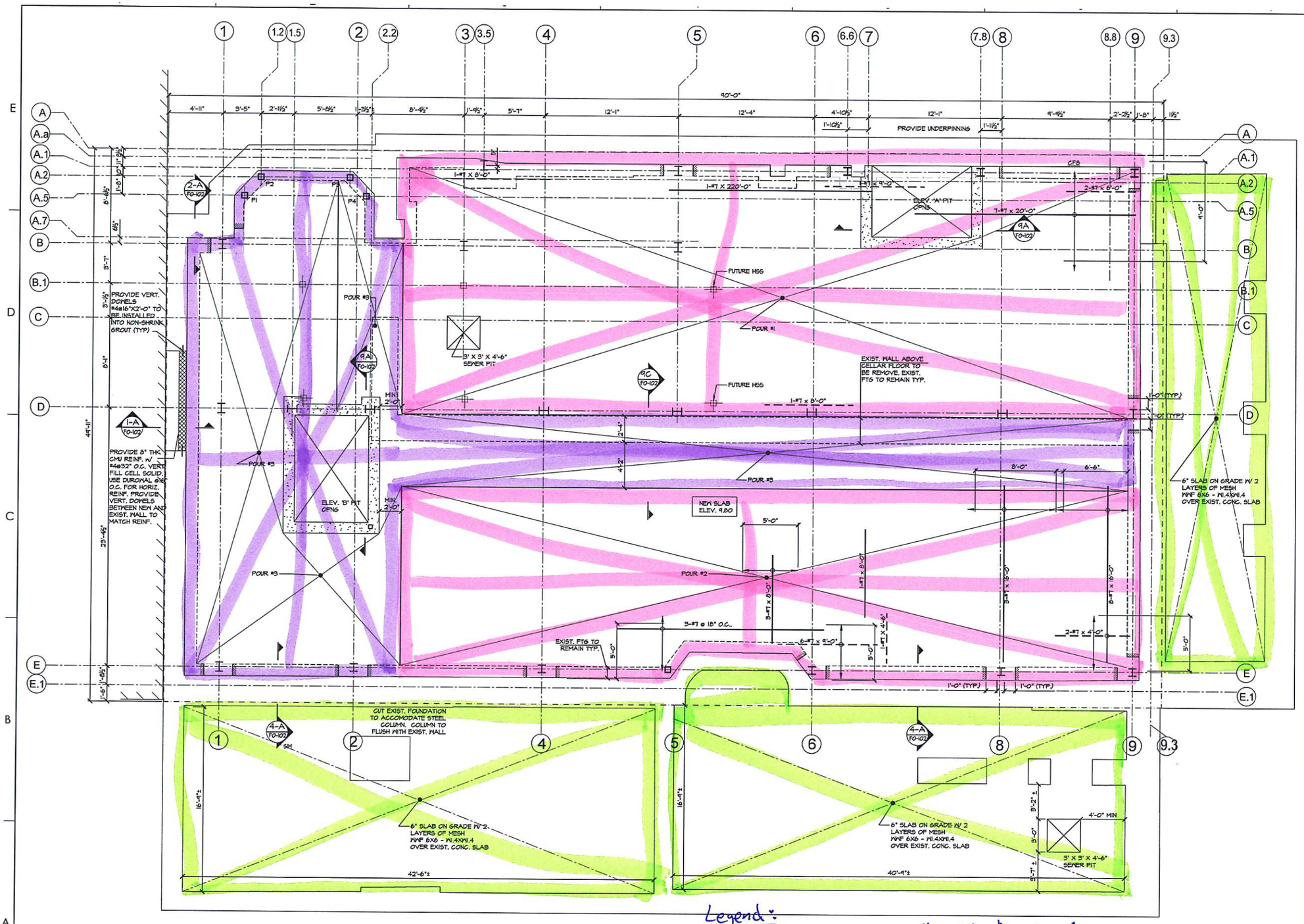
Table 9. Summary of Volatile Organic Compounds in Soil Vapor, 81 East 125th Street, New York, New York

Parameter (Concentrations in ug/m^3)	**Sample Designation:** / **Sample Date:**	SV-2 2/7/2013	SV-3 2/7/2013	SV-6 2/7/2013	SV-7 2/13/2013
Freon 114		1.4 U	1.4 U	1.4 U	1.4 U
Hexachlorobutadiene		2.1 U	2.1 U	2.1 U	2.1 U
Isooctane		**2.7**	**6.9**	**3**	**5.4**
Isopropanol		12 U	12 U	12 U	12 U
Isopropylbenzene		0.98 U	0.98 U	0.98 U	0.98 U
m+p-Xylene		**6.6**	**6.7**	**8.5**	**7.9**
Methyl Methacrylate		**0.58 J**	**7.3**	**0.54 J**	**1.4 J**
Methylene chloride		**0.84 J B**	1.7 U	**0.43 J B**	**3.3 B**
MTBE		0.72 U	0.72 U	**0.69 J**	0.72 U
Naphthalene		**0.46 J ***	2.6 U *	**0.78 J ***	2.6 U *
n-Butylbenzene		1.1 U	1.1 U	1.1 U	1.1 U
n-Heptane		**1.3**	**13**	**1.3**	**2.8**
n-Hexane		**5.7**	**22**	**3.3**	**5.2**
n-Propylbenzene		**0.61 J**	0.98 U	**1.1**	**0.27 J**
o-Xylene		**2.6**	**2.1**	**3.8**	**2.6**
p-Isopropyltoluene		**0.48 J**	1.1 U	1.1 U	1.1 U
sec-Butylbenzene		**0.35 J**	1.1 U	1.1 U	1.1 U
Styrene		0.85 U	0.85 U	0.85 U	0.85 U
t-Butyl Alcohol		15 U	15 U	15 U	**0.45 J**
tert-Butylbenzene		1.1 U	1.1 U	1.1 U	1.1 U
Tetrachloroethene		**2.6**	**6.4**	**9.6**	**11**
Tetrahydrofuran		**0.54 J**	**0.89 J**	**0.74 J**	15 U
Toluene		**11**	**13**	**9.8**	**16**
trans-1,2-Dichloroethene		0.79 U	0.79 U	**0.16 J**	0.79 U
trans-1,3-Dichloropropene		0.91 U	0.91 U	0.91 U	0.91 U
Trichloroethene		**0.61 J**	**1.9**	**4.6**	**1.4**
Trichlorofluoromethane		**1.3**	**1.2**	**1.4**	**1.3**
Vinyl chloride		0.51 U	0.51 U	0.51 U	0.51 U
Xylenes (total)		**9.2**	**8.9**	**12**	**10**

J - Estimated value
E - Indicates value exceeded calibration range
U - Indicates that the compound was analyzed for but not detected
DUP - Duplicate sample
ug/m^3 - Micrograms per cubic meter
Bold data indicates that parameter was detected

APPENDIX G

As-built and Photographs of Vapor Barrier Installation



CELLAR/FOUNDATION FRAMING PLAN

SCALE: 1/4"=1'-0"

N

Legend:

- Phase 1 of floor slab & vapor Barrier
- Phase 2 -"- -"-
- Vaults Areas of floor slab & Vapor Barrier

NOTES:

1. BOTTOM REINFORCING BARS ARE #7 @ 12" O.C. E/W CONTINUOUS TYP. U.O.N. ADDITIONAL BOTTOM BARS ARE SHOWN AS - - - - ON PLAN.
2. TOP REINFORCING BARS ARE #7 @ 12" O.C. —— (E-W DIRECTION) AND #7 @ 6" O.C. | (N-W DIRECTION CONTINUOUS TYP. U.O.N. ADDITIONAL TOP BARS ARE SHOWN AS ——— ON PLAN.
3. MAT FOUNDATION IS 2' - 0" THICK TYP. U.O.N.
4. TOP OF NEW SLAB ELEVATION IS 9'-8" TYP. UON. ON THE PLAN
5. BOTTOM OF NEW FOOTING SHOWN THUS [-..] ON THE PLAN.
6. FOR DIMENSIONS NOT SHOWN ON THIS PLAN SEE ARCH. DWG'S.
7. (*) INDICATED ALL DIMENSIONS MARKED TO BE COORDINATED BY GC W/ MANUFACTURER/SUPPLIER.

LEGENDS:

- INDICATES EXIST. WALL TO REMAIN.
- INDICATES EXIST. FDN TO BE REMOVED, AS REQUIRED
- INDICATES EXISTING FOOTING TO REMAIN
- INDICATES EXISTING FOOTING TO REMOVE
- INDICATES NEW FDN WALL
- INDICATES NEW BOTTOM REBAR
- INDICATES NEW TOP REBAR

SPLICE SCHEDULE

BAR SIZE DIAMETER (db)	TENSION LAP SPLICE LENGTH (IN)	COMPRESSION LAP SPLICE LENGTH (IN)	TENSION DEVELOPMENT LENGTH (IN)	COMPRESSION DEVELOPMENT LENGTH (IN)
#4	28	15	19	10
#5	31	19	24	12
#6	37	23	29	15
#7	54	27	42	17
#8	62	30	48	19
#9	70	34	54	22
#10	79	38	61	25
#11	87	43	67	27

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DATE	REVISIONS
10.11.2013	FINAL COORDINATION

asap Aufgang + Subotovsky Architecture and Planning PLLC
49 North Airmont Road, Suffern, NY 10901 tel: 845.368.0004 fax: 800.772.8304 www.asaparchitecture.com

PROPOSED NEW RECONSTRUCTION/RESTORATION FOR:
CORN EXCHANGE BANK BUILDING
81 EAST 125th STREET, NEW YORK, NEW YORK

CELLAR/ FOUNDATION FRAMING PLAN

DATE:	08-10-13
PROJECT NO:	1320
DRAWN BY:	MAC
CHECKED BY:	TL
DRAWING NO:	FO-100.00
SCALE: AS NOTED	SHEET NO: 57
NYC DOB NUMBER:	XXXXXXXXX

Photograph 1:
125th Street Equities Vapor Barrier
Looking to the northwest

Photograph 2:
125th Street Equities Vapor Barrier
Looking to the east (Park Avenue)

Photograph 3:
125th Street Equities Vapor Barrier
Looking to the south (125th Street)

APPENDIX H

Vapor Barrier Certificate of Warranty

GRACE
Construction Products

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Technical Service Engineer - Americas

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W. R. Grace & Co.-Conn.
62 Whittemore Avenue
Cambridge, MA 02140

October 17th, 2013

Rotem Shaubi
Artimus
316 West 118 Streets
New York, NY 10026
P 646.834.9392

Project: 81 East 125th Street - New York, NY

Mr. Shaubi,

I have reviewed the following documents for the above referenced project:

- Spreadsheet with analytical data prepared by Artimus titled "Artimus Soil and Groundwater Results"
- Laboratory Report prepared by Long Island Analytical Laboratories Inc., dated 6/23/12

The identified contaminants at the levels reported will not have an adverse effect on the waterproofing or vapor barrier properties of Preprufe® 300R, Preprufe 160R, Preprufe® 200 and Bituthene® 3000/4000 systems along with all system accessories, provided standard design and application procedures are followed.

Standard installation instructions and details can be found on our website at www.graceconstruction.com.

If you have any questions, please feel free to call me at the number above.

Sincerely,

Mark Franciosi

Mark Franciosi

Technical Services Engineer

cc: J. Ridgeway