-FINAL-

2011
ANNUAL LONG TERM MONITORING REPORT
SD031 (THREE MILE CREEK) AND SD032 (SIX MILE CREEK)
AREAS OF CONCERN

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LIST OF ACRONYMS AND ABBREVIATIONS

µg/kg	micrograms per kilogram
µg/L	micrograms per liter
AFB	Air Force Base
AFCEE	Air Force Center for Engineering and the Environment
AFFF	Aqueous film-forming foam
AFRPA	Air Force Real Property Agency
AOC	Area of Concern
ARAR	Applicable or Relevant and Appropriate Requirements
bgs	below ground surface
CAPE	Cape Environmental Management Inc
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
COC	contaminant of concern
CQCR	Chemical Quality Control Reports
CSYA	Coal Storage Yard Area
CY	cubic yards
DDD	Dichlorodiphenyldichloroethane
DDE	1,1-dichloro-2,2-bis(chlorophenyl) ethylene
DDT	dichlorodiphenyltrichloroethane
DO	Delivery Order
DRMO	Defense Reutilization and Marketing Office
E&E	Ecology and Environment, Inc.
EPS	Electrical Power Substation
FDA	Food and Drug Administration
FPM	FPM Remediations, Inc.
FS	Feasibility Study
FSP	Field Sampling Plan
ft	feet
HSP	Health and Safety Plan
IRA	Interim Remedial Action
IT	International Technology Corp.
LAW	Law Engineering and Environmental Services, Inc.
LTM	long-term monitoring
MDL	method detection limit
mg/kg	milligram per kilogram
mm	millimeters
MSL	mean sea level
NYCRR	New York Code of Rules and Regulations
NYS	New York State
NYSBC	New York State Barge Canal
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OU	Operable Unit
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PISCES	passive in-situ chemical extraction sample
ppm	parts per million

QA/QC	quality assurance/quality control
QAPP	Quality Assurance Project Plan
RA	Remedial Action
RI	Remedial Investigation
RL	reporting limit
ROD	Record of Decision
SAP	Sampling and Analysis Plan
SCG	Standards, Criteria, and Guidelines
SI	Supplemental Investigation
SMC	Six Mile Creek
SVOC	semivolatile organic compound
TMC	Three Mile Creek
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
VOC	volatile organic compound
WP	Work Plan
WSA	Weapon Storage Area

1.0 INTRODUCTION

FPM Remediations Inc. (FPM), in association with Cape Environmental Management Inc (CAPE), has been contracted by the Air Force Center for Engineering and the Environment (AFCEE), to perform Long Term Monitoring (LTM) at Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites at the former Griffiss Air Force Base (AFB), Rome, New York. The work discussed in this Annual Report will be conducted through contract number FA8903-10-D-8595-0014. The following sections provide the LTM data for the former Griffiss AFB Three Mile Creek (TMC) and Six Mile Creek (SMC) Areas of Concern (AOC) for 2011. Sediment sampling was performed at both TMC and SMC in September 2011 under contract number FA8903-10-D-8595-0014. The TMC and SMC AOCs are illustrated in Figure 1-1.

The LTM program is part of the selected remedy as described in the signed Record of Decision (ROD) (Ecology and Environment, Inc. [E&E], December 2003). The LTM program will monitor the presence of contaminants of concern (COCs), assess the potential for migration of COCs and establish an early warning system for assuring compliance with potential COC receptors (human, terrestrial, and aquatic wildlife).

The sampling is being performed in accordance with the following documents: the Final LTM Work Plan (WP) for the TMC and SMC AOCs (FPM, October 2004), Draft Final Optimization Plan for CERCLA AOCs (FPM/CAPE, September 2011), Final Health and Safety Plan (HSP) (CAPE, November 2011), and Final Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) (FPM/CAPE, November 2011). .

2.0 SD031 (THREE MILE CREEK AOC)

2.1 Site Description

The TMC AOC is located in a forested area in the southern part of the former Griffiss AFB. It is bordered by the Electrical Power Substation (EPS) to the northwest, Landfills 4, 5, and 6 to the northeast, and the former Skyline Housing development to the southwest. The TMC AOC is a creek with an approximate length of 10,000 feet, a width of 10 feet and a depth ranging from 2 inches at its origination to 2 feet at the furthest downstream area near the New York State Barge Canal (NYSBC). The creek originates at two storm water culvert outlets located at Ellsworth Road and Wright Drive (near the EPS). Two additional smaller culverts that drain the area surrounding the EPS enter the creek slightly downstream from the two larger culverts. The creek receives both surface water runoff and groundwater from the surrounding watershed. Drainage is received from Landfills 4, 5, and 6, the EPS and the south central part of the base. TMC flows in a southeasterly direction and eventually flows into the NYSBC (about one mile south of the base).

The ROD for the TMC AOC was issued by the Air Force in December 2003 and signed by the United States Environmental Protection Agency (USEPA) in March 2004. In addition, 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

2.2 Three Mile Creek AOC Conditions

2.2.1 Previous Investigations

Preliminary studies of TMC were performed in 1981, 1987, and 1988. Soil, sediment, surface water, groundwater, and fish tissue samples were collected. Numerous metals, polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyl (PCBs), and pesticides were detected in the streambed sediments and the fish tissue was contaminated with PCBs, some PAHs, and metals. The results of these studies led to the performance of a Remedial Investigation (RI) from 1993-1995.

The RI was performed to characterize the nature and extent of environmental contamination at the TMC AOC to determine whether remedial action was necessary to eliminate potential threats to human health and the environment from exposures that might arise under existing or expected future site conditions. The RI included an aquatic survey, surface water sampling, sediment sampling, and fish tissue sampling. The aquatic survey was used to evaluate creek habitat, water quality, benthic and drift macroinvertebrate communities, and fish populations within four 100-meter segments of the on-base part of the creek (one near the EPS, one near Landfill 5, one near the Thor Street residential area, and one further downstream just inside the base boundary). At approximately the same locations, sediment samples were collected for toxicity testing and fish samples were collected for pesticides, PCBs, and metals analyses. Results from the sediment toxicity tests performed as part of the aquatic survey indicated that chemicals were not present at levels acutely toxic to aquatic life. A slight impairment of benthic macroinvertebrate populations was noted at the locations near Landfill 5 and near the base boundary. The fish population assessment indicated that fish communities were in poor to fair condition which could be due to site contaminants and, in part, to the lack

of quality habitat. The results of the fish tissue analysis indicated the presence of PCBs, pesticides, and mercury at levels exceeding New York Department of Environmental Conservation (NYSDEC) ecological risk guidelines for protection of piscivorous wildlife.

Surface water samples were collected from 12 locations along TMC and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs, pesticides, metals, glycols, radionuclides and water quality parameters. One VOC, 15 SVOCs, four pesticides, and seven metals were detected at concentrations above the most stringent criteria for surface water. Sediment samples were collected at two depths below the surface water/sediment interface (0.5 feet and 1.0 foot) from 15 locations, including the 12 locations along TMC and three locations along the drainage ditch near Landfill 5. The samples were analyzed for VOCs, SVOCs, pesticides, herbicides, PCBs, dioxins, metals, and radionuclides. Three VOCs, 22 SVOCs, 18 pesticides, one dioxin, and ten metals were detected at concentrations above the most stringent criteria for sediment.

In 1995, NYSDEC performed passive in-situ concentration/extraction sampling (PISCES) at one location in TMC to test for PCBs and other organochlorines. PCBs and 1,1-dichloro-2,2-bis(chlorophenyl)ethylene (DDE) were detected. Naturally occurring conditions such as below average rainfall and low flow in the stream may have affected the ability of PISCES to detect contaminants.

In 1997, for a separate investigation of PCB contamination associated with Landfill 5, sediment samples were collected at two depth intervals (0-0.5 feet and 1-1.5 feet) from seven locations in the Landfill 5 tributary to TMC. PCBs were detected at concentrations above the most stringent criteria.

In June 1997, as part of a base-wide Supplemental Investigation (SI), three PISCES samples and two surface water samples were collected from TMC for pesticide and PCB analysis. Pesticides were detected in two of the PISCES samples. No contaminants were detected in the surface water.

In July 1998, additional SI samples were taken from the off-base portion of TMC to fill data gaps that had been identified in the RI sampling. These included two surface water samples and eight sediment samples. Four metals were detected in surface water samples above the most stringent criteria. Concentrations of 18 SVOCs, one dichlorodiohenyldichloroethane (DDD), one PCB (Aroclor 1260), and five metals detected in sediment were above the most stringent criteria.

A visual inspection of the habitat quality of TMC was conducted in 1999, by the Air Force, United States Army Corps of Engineers (USACE), NYSDEC, USEPA, and US Fish and Wildlife Service (USFWS) to gain a better understanding of creek conditions and the impact of potential remedial actions. In the same year, for the TMC Feasibility Study (FS), sediment samples were collected from six locations in TMC pond (located off-base between NYS Routes 365 and 49) and analyzed for PCBs, cadmium, and lead. In 2001, the same six locations in the pond were vertically profiled to depths of 3.5 feet below creek bottom to determine the vertical extent of sediment contamination and the appropriate depth for sediment remediation. Twelve additional samples were collected, two samples per location. PCBs, cadmium, and lead were all detected at concentrations exceeding the most stringent criteria.

The 2001 FS investigation also included sampling along the on-base portion of the TMC channel and the Landfill 5 tributary in order to define the vertical and lateral extent of contamination to better determine the potential breadth and depth of sediment remediation in those areas. Samples of sediment and native soil (beneath sediment) were collected at selected locations from depth intervals of up to 3.5 feet. Five VOCs, 24 SVOCs, 15 pesticides, two PCBs, dioxins, and 10 metals were detected at concentrations exceeding the most stringent criteria.

2.2.2 Record of Decision

The ROD for the TMC AOC was issued by the Air Force in December 2003 and signed by the USEPA in March 2004. Based on the previous investigations and environmental conditions at the site the selected remedy for the creek is selected excavation of contaminated sediments and LTM. The excavation included the entire length of the on-base portion of the creek, discrete and localized off-base portions of the creek, and the TMC pond. The contamination was identified to be considerably lower in the off-base portion of the creek. Therefore, excavation of the entire off-base portion was not required. For LTM, the ROD states surface water, sediment, and fish tissue samples will be analyzed in accordance with the TMC AOC LTM program following creek bed remediation and restoration.

2.2.3 Three Mile Creek AOC Remedial Action

CAPE performed a Remedial Action (RA) at TMC from summer 2004 to summer 2005. For the remedial action, excavation of contaminated sediments was conducted in the on-base and off-base portions of TMC. The TMC pond along with sixteen soil deposits was excavated to a depth of 3.5 feet below ground surface (bgs) in the off-base portion of TMC. Approximately 5,940 cubic yards (CY) of sediment was excavated from the off-base portion of TMC. The main channel, the north channel, and the Landfill 5 tributary were excavated in the on-base portion of TMC. The design depths for the excavation, as defined in the ROD, ranged from 2.5 feet bgs to 4 feet bgs and approximately 29,427 CY were excavated. FPM collected two soil samples on June 29, 2005, from the TMC pond backfill, which were analyzed for VOCs, SVOCs, PCBs, pesticides, and metals. The results indicated VOCs and metals detections, none of which exceeded the most stringent ecological screening values.

The restoration of the creek consisted of sediment backfill, the construction of several meanders throughout the length of the creek and the distribution of logs across the banks of the main channel to provide wildlife habitat areas, the creation of five vernal pools, and the creation of a mitigation wetland (5 acres) within the TMC floodplain.

2.2.4 Three Mile Creek AOC Long Term Monitoring (2006 through 2010)

LTM at the TMC AOC initially consisted of annual surface water and sediment sampling at sampling locations TMC-1 through -8 and fish tissue sampling and a benthic qualitative assessment performed every three years at sampling locations TMC-1 through -5. The sampling locations are illustrated in Figure 2-1. Fish tissue sampling and benthic qualitative assessment is not performed at TMC-6 through -8 as these sites are upgradient potential source locations. LTM at the AOC was initiated in fall 2006. Surface water sampling, sediment sampling, fish tissue sampling and a benthic qualitative assessment was performed in accordance with the Final LTM work plan requirements (FPM, October

2004). Annual LTM sampling was also performed in fall 2007, fall 2008, fall 2009, and fall 2010. Only surface water and sediment samples were collected in the fall 2007, fall 2008, and fall 2010 sampling rounds. Fish tissue sampling and a benthic qualitative assessment were also performed in fall 2009 in addition to surface water and sediment sampling. Surface water and sediment samples were analyzed for VOCs, SVOCs, metals, pesticides, and PCBs. Fish tissue samples were analyzed for cadmium, mercury, pesticides, and PCBs.

The following summarizes the previous LTM results for TMC. Full descriptions of previous LTM activities and sampling results are provided in the Fall 2006 Annual LTM Report for Three Mile Creek (FPM, October 2007), Fall 2007 Annual LTM Report for Three Mile Creek (FPM, October 2008), Fall 2008 Annual LTM Report for Three Mile Creek (FPM, December 2009), Fall 2009 Annual LTM Report for Three Mile Creek (FPM, March 2010), and Fall 2010 Annual LTM Report for Three Mile Creek (FPM, July 2011).

Surface Water:

VOC detections were reported in surface water samples during the 2006, 2007, 2008, and 2009 sampling events (not analyzed during the 2010 sampling event). None of these detections exceeded NYS Surface Water Standards. SVOC and metals concentrations exceeding NYS Surface Water Standards were reported during all sampling events. During data analysis, the SVOC and metals detections were determined to be indicative of basewide background conditions identified during the RI (reported at several sites throughout the base) or were detected within one order of magnitude of the surface water standard. Only one sampling location showed PCB or pesticide exceedances during the TMC AOC LTM sampling events. Anlytical results for location TMC-7 indicated that one PCB (Aroclor 1260) and one pesticide (dieldrin) were in exceedance of NYS Surface Water Standards during the fall 2007 and fall 2008 sampling events. The exceedances may be attributed to suspended solids in the sample.

All LTM surface water sampling results from the 2006, 2007, 2008, 2009, and 2010 sampling events were compared to the previous LTM surface water results and the 1993/94 RI (if applicable). Surface water results for SVOCs and pesticides are lower in concentration and in number of detected COCs than the four previous LTM rounds. Two SVOCs that were detected above NYSDEC Surface Water Standards are associated with the B data qualifier. This qualifier indicates that the analyst was also detected in the associated blank. TMC-7 which showed the most SVOC exceedances during the fall 2009 sampling round could not be sampled in 2010 due to a lack of water in the creek. TMC-6 showed the highest number of SVOC exceedances during this round which is an increase from the fall 2009 round. This may be attributed to suspended sediment/solids present in the sample. One pesticide, gamma-chlordane, exceedance was also detected in one surface water sampling location (TMC-6) and may be attributed to the sample containing suspended solids. No pesticides have ever been detected at this location. Additionally, it should be noted that pesticides containing these COCs are no longer used at the former Griffiss AFB.

Sediment:

VOCs were not detected in sediments above the most stringent ecological screening value at any location during the fall 2006 through fall 2009 sampling rounds. VOC analysis

was removed from the LTM network following the fall 2009 sampling round. SVOC and metals concentrations were detected above the most stringent ecological screening value. The SVOC and metals exceedances reported in each of the previous LTM sampling rounds are indicative of basewide background conditions (identified during the RI) or were detected within one order of magnitude of the most stringent ecological screening value. Pesticide exceedances were reported at all sampling locations in at least one of the LTM sampling rounds. Total pesticide concentrations show a decreasing trend when the 1994 RI and historical LTM sampling results are compared. PCB (Aroclor 1260) has been detected at concentrations above the most stringent ecological screening value of 5 µg/kg during all sampling rounds. Exceedances show a decreasing trend at applicable sampling locations (TMC-1, -2, -3, -6, -7, and -8) when the 1994 RI sampling round and LTM sampling rounds were compared.

Arochlor 1260 was detected at a maximum concentration of 7,500 µg/kg (TMC-7) in the 1993/94 RI and declined to a maximum concentration of 603 J µg/kg (TMC-5) in the fall 2010 sampling round. The maximum detection was 304 µg/kg (TMC-4) in the fall 2009 sampling round, 433 µg/kg (TMC-4) in the fall 2008 round, 116 µg/kg (TMC-5) in the fall 2007 round, and 570 µg/kg (TMC-4) in the fall 2006 round. The COC variations are likely due to spatial variability. However, the general trend is declining from the 1993/4 RI to the fall 2010 results by an order of magnitude.

Fish Tissue:

Pesticide, PCB, and metals detections were reported in fish tissue samples at all of the sampling locations (TMC-1, -2, -3, -4, and -5) during the fall 2006 and fall 2009 sampling rounds. All locations had at least one fish sample with a PCB or pesticide concentration above the NYSDEC piscivorous wildlife criteria. At sampling locations 1, 4, and 5, PCB concentrations were detected above the New York State Department of Health (NYSDOH) Fish Advisory Guidelines (locations 1, 4, and 5 also showed elevated PCB exceedances in the sediment samples). The TMC AOC 2004/2005 RA was not required along the entire length of the creek. Given that TMC is dammed, fish migration to and from the Barge Canal is not possible. It is feasible that the fish sampled during the 2006 and 2009 sampling rounds lived in the creek prior to and during RA activities, resulting in the continued PCB detections in fish tissue.

In the on-base portion of the creek that required remediation, LTM fish tissue sampling data has shown a decrease in PCB levels compared to the RI results at locations TMC-1, -2, and -3. These three locations are similar to sampling locations sampled during the RI (TMCFS-1, -2, and -3). Detected PCBs concentrations ranged from 0.028-32.5 parts per million (ppm) during the RI. In the 2006 sampling event, total detected PCB concentrations ranged from 0.25-2.89 ppm and from 0.58-4.3 ppm in the 2009 sampling event.

It should also be noted that the number and size of fish collected during the 2006 and 2009 sampling events show an increasing trend compared to the RI results. During the RI, a total of 456 fish were collected from these three locations ranging in length from 33-179 millimeters (mm). In the 2006 sampling event, 319 fish were collected from these locations ranging from 45-225 mm and in the 2009 sampling event, 759 fish were collected at these three locations ranging from 47-251 mm. The small decrease in number of fish collected from the RI to the 2006 sampling event may be a result of the 2004/2005

RA displacing fish in this section of the creek.

Additional fish tissue sampling in 2012 and 2015 will be used to identify any trends.

Benthic Qualitative Assessment:
The results of the benthic qualitative assessments conducted in 2006 and 2009 indicated that the creek was slightly-to-moderately impacted according to the NYSDEC Biomonitoring Unit protocol for slow and sandy streams. Since there is sandy substrate and slow water flow in portions of the creek, TMC is considered a poor habitat for benthic macroinvertebrates. Therefore, the slightly-to-moderately impacted classification may be due to the poor habitat and not chemical conditions in surface water or sediment.

2.3 2011 Field Activities

The TMC LTM is performed to determine the impacts of other sites on TMC as well as the evaluation of the effectiveness of the RA performed in 2004 and 2005. Sediment samples were collected from the designated sampling locations on September 6, 2011 in accordance with the Final LTM WP requirements (FPM, October 2004). Daily Chemical Quality Control Reports (CQCRs) are attached in Appendix A. The sediment sampling results are provided in Table 2-1. The validated lab results are attached in Appendix B and the raw lab data are attached in Appendix C.

Cadmium and mercury were detected in samples collected from TMC-1, -3, -4, -5, and -6. Cadmium was also detected in the sample collected from TMC-2. No concentrations were above the most stringent ecological screening value in the samples collected from TMC-1, -2, and -3. A cadmium exceedance was reported at location TMC-4 at 0.61 J milligram per kilogram (mg/kg) and a cadmium and a mercury exceedance was reported at location TMC-5 at 5.2 J mg/kg and 0.17 J mg/kg, respectively. Mercury was also reported above the most stringent ecological criteria at TMC-6 (0.18 mg/kg). The most stringent ecological screening value for cadmium is 0.6 mg/kg. For mercury, the most stringent ecological screening value is 0.15 mg/kg. The J data qualifier identifies that the analyte was positively identified; the quantitation is an estimate.

SVOCs were detected at all sampling locations. SVOC concentrations above the most stringent ecological screening value were reported at sampling locations TMC-1, -3, -5, and -7. Ten SVOC exceedances were reported at TMC-1. They included acenaphthene, anthracene, benzo(a) anthracene, benzo(a)pyrene, benzo(b)flouranthene, benzo(g,h,i)perylene, chrysene, fluoranthene, phenanthrene, and pyrene. The concentrations ranged from 62 J to 930 J µg/kg. One SVOC exceedance was reported at TMC-3 and -7. Phenol was detected at 36 J µg/kg at both locations. Ten SVOC exceedances were reported at TMC-5. They included acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, fluoranthene, indeno(1,2,3-c,d)pyrene, phenanthrene, and pyrene. The concentrations ranged from 89 J to 2,200 J µg/kg.

Figure 2-2 shows the total SVOC concentration trends for all of the sampling rounds completed to date at each sampling location. Figure 2-2 demonstrates that total SVOC concentrations are stable or declining at all of the TMC sampling locations except for TMC-5, which is the most downstream location. At sampling location TMC-5, an

increasing trend has been observed since 2008. The SVOC contamination at the creek may be attributed to upstream parking lots and roadway runoff. This is feasible considering that TMC-5 is located at the TMC pond; the flow velocity of water that enters the pond decreases and as it does suspended sediments are deposited.

PCB (Aroclor 1260) exceedances were reported for sampling locations TMC-1 (48 J µg/kg), -4 (12 J µg/kg), and -5 (27 J µg/kg). The most stringent ecological screening value for Aroclor 1260 is 5 µg/kg. The highest PCB (Aroclor 1260) concentration during the fall 2011 sampling round was reported at TMC-1 (48 J µg/kg). Figure 2-3 shows the PCB concentrations detected in all of the sampling rounds completed to date at each sampling location. PCB concentration trend charts are also provided in Figure 2-4 for each sampling location with PCB detections.

PCB (Aroclor 1254) was also detected above the most stringent ecological screening value (11.10 µg/kg) at TMC-6 with a concentration of 21 J µg/kg. This aroclor had never been previously detected at any location at the TMC AOC during any previous LTM sampling events.

Arochlor 1260 was detected at a maximum concentration of 7,500 µg/kg (TMC-7) in the 1993/94 RI and has declined to a maximum concentration of 48 J µg/kg (TMC-1) in the fall 2011 sampling round. TMC-1 is near the EPS. Given the 1 ppm cleanup objectives for the Interim RA conducted at the EPS, the PCB detections at TMC-1 and further downstream may be a result of surface water drainage and surface erosion from the EPS. Prior to the 2011 sampling event, the maximum detection was 604 J µg/kg (TMC-5) in the fall 2010 sampling round, 304 µg/kg (TMC-4) in the fall 2009 sampling round, 433 µg/kg (TMC-4) in the fall 2008 round, 116 µg/kg (TMC-5) in the fall 2007 round, and 570 µg/kg (TMC-4) in the fall 2006 round. Although variations in detected PCB concentrations are evident, the variations are likely due to spatial variability. The general trend is an order of magnitude decline from 1993/94 RI to fall 2011 results. The declining trend is illustrated in Figures 2-3 and 2-4.

A pesticide exceedance was reported for beta BHC, p,p-DDT and dieldrin. p,p-DDT concentrations at TMC-1 (9.1 J µg/kg), and TMC-4 (1.8 J µg/kg) exceeded the most stringent ecological screening value of 1 µg/kg. The beta BHC concentration at TMC-2 (1.9 J µg/kg) exceeded the most stringent ecological screening value of 0.04 µg/kg. Dieldrin concentrations at TMC-2 (0.32 J µg/kg) and TMC-4 (0.49 J µg/kg) exceeded the most stringent ecological screening value of 0.02 µg/kg.

The trends of the RI and LTM data indicate that the RA was effective in removing a majority of the contamination in the TMC sediments, and that sediment quality is improving.

2.4 Conclusions

LTM sampling is performed to determine the impact of the RA and other sites (Figure 2-1) on TMC as well as to determine data trends. As reported in the LTM reports for Landfill 5 and Landfill 6, there is no evidence that sites influence TMC based on the lack of detections in the point of compliance wells. Landfill 5 and 6 figures and the latest results tables are provided in Appendix D.

Given the presence of PCBs in the sediments following the RA, there is a possibility that residual soil contamination at the EPS has some effect on TMC sediments, but the effects are limited in extent and declining over time.

Sediment:
Cadmium and mercury concentrations were above the most stringent ecological screening values at sampling locations TMC-4, -5, and -6. SVOC exceedances were reported at sampling locations TMC-1, -3, -5, and -7. The SVOC exceedances may be contributed to contaminated surface runoff from adjacent roadways and parking lots. Pesticide exceedances were reported at sampling locations TMC-1, -2, and -4. PCB (Aroclor 1260) was reported at three sampling locations (TMC-1, -4, and -5) during the fall 2011 sampling round at concentrations above the most stringent ecological screening value.

The fall 2011 sediment sampling results were compared to the previous LTM sediment results and the 1993/94 RI (if applicable). Exceedances show a decreasing trend compared to the 1994 RI sampling round and to the previous LTM sampling rounds, at applicable sampling locations (TMC-1, -2, -3, -6, and -7).

2.5 LTM Optimization Recommendations

Annual sediment sampling and triennial fish tissue sampling and qualitative benthic community evaluation will continue at the TMC AOC. The LTM sampling network summary for TMC is shown in Table 2-2.

The following recommendations are made for future TMC LTM sampling:

Sediment:
Annual sediment sampling is recommended at locations TMC-1 through -7 to confirm the reduction of sediment contaminant concentrations. The RA has resulted in a significant reduction in COC concentrations of over 2 orders of magnitude and has achieved the RA goal of reducing PCBs concentrations to 1 ppm or less throughout the creek.

Currently, sediment samples are analyzed for PCBs, SVOCs, mercury, cadmium, and pesticides. However, several COCs have not been detected above the most stringent ecological screening values at several locations and it is recommended to remove them as follows:

- Remove mercury and cadmium analysis at TMC-1, -3, and -7
- Remove pesticides analysis at TMC-3, -6, and -7
- Remove SVOC analysis at TMC-2 and -3.

Fish Tissue Sampling and Benthic Qualitative Assessment:
Fish tissue sampling and benthic qualitative assessment are proposed to continue at TMC-1 through -5 on a triennial basis. Fish tissue samples will be analyzed for pesticides, PCBs, cadmium, mercury, and % lipids to confirm the stabilization and decline of COC levels in fish tissue. The next fish tissue sampling and benthic qualitative assessment event will be during the fall 2012 LTM sampling round.

3.0 SD032 (SIX MILE CREEK AOC)

3.1 Site Description

SMC is a natural stream bordered by wetlands and enters the base from the north. The creek is approximately 8 feet wide and 1.5 feet deep prior to entering the base and approximately 20 feet wide and 4 feet deep after leaving the former base. The on-base portion of the creek is approximately 8,400 feet long, split in an upper and lower section, plus an additional 7,200 feet within the runway culvert separating both sections. The creek continues off base for approximately 2 miles, ultimately flowing into the NYSBC.

Surface water runoff from Landfills 1, 2/3, and 7, the Weapon Storage Area (WSA), WSA Landfill, runway, on-base shops, and Rainbow Creek flows into SMC. Portions of the base storm water system discharge to the on-base lower portion of the creek. During Base operation, the base storm water system also received rinse water and washdown, which may have contained oils, solvents, and fuels from various base facilities.

SMC has been classified as a NYSDEC Class C stream. According to the New York Code of Rules and Regulations (NYCRR) 701, the best usage for Class C stream waters is fishing, where waters shall be suitable for fish propagation and survival. Based on an Aquatic Habitat Assessment, at least 12 species of fish are found in SMC.

The ROD for SMC AOC was signed by the USEPA on March 26, 2004 and LTM was initiated in October 2004. In addition, 5-Year Reviews were conducted in 2005 and 2010. Both 5-Year Reviews indicated that the selected remedy is protective of human health and the environment.

3.2 Six Mile Creek AOC Conditions

3.2.1 Previous Investigations

Preliminary studies of SMC were performed in 1981 and 1988. Soil, sediment, and fish tissue samples were collected. Numerous metals and PAHs were detected in the sediments. Several metals and PCBs were detected in the fish tissue samples at levels below the Food and Drug Administration (FDA) action level of 2.0 ppm but above the 0.1 ppm level representing risk to piscivorous wildlife. The results of these studies led to the performance of an RI in 1994 and 1995.

The RI was performed to evaluate the nature and extent of environmental contamination at the site and to determine whether RA was necessary to eliminate potential threats to human health and the environment from exposures that might arise under existing or expected future site conditions. The RI included an aquatic survey that evaluated creek habitat, water quality, benthic and drift macroinvertebrate communities, and fish populations at three stations along the northern section of the creek (SMC-FS1, SMC-FS2, and SMC-FS3, similar in location to location SMC-1 and -2). At approximately the same three locations, sediment samples were collected for toxicity testing and fish samples were collected for pesticides, PCBs, and metals analyses. Results from the sediment toxicity tests performed as part of the aquatic survey indicated that chemicals were not present at levels acutely toxic to aquatic life; however, the benthic macroinvertebrate community at one station was classified as slightly impaired.

During the RI, surface water samples were collected over several rounds of sampling from 21 locations: 14 from SMC, one at the Aqueous Film-Forming Foam (AFFF) lagoon, three in the Mohawk River, and three in the NYSBC. Two VOCs, 14 SVOCs, four pesticides, six metals, cyanide, and sulfide were detected at concentrations above the most stringent criteria for surface water. Sediment samples were collected at two depths below the surface water/sediment interface from the same 21 locations. Three VOCs, 18 SVOCs, 20 pesticides, one PCB and six metals were detected at concentrations above the most stringent criteria for sediment.

In 1995, the NYSDEC conducted a benthic macroinvertebrate community analysis for SMC just downstream of the former AFB's boundary at the Route 365 Bridge. Due to a significantly impacted benthic macroinvertebrate community, the water quality was assessed as being moderately impacted. Fish population data indicated that fish communities were generally in fair condition and whole-body fish tissue concentrations indicated that PCBs, pesticides and mercury were present at levels exceeding NYSDEC ecological risk guidelines. The PCB concentrations in fish tissue also exceeded the previously mentioned FDA action level.

Also in 1995, NYSDEC performed PISCES on the lower portion of SMC to test for PCBs and other organochlorines. No contaminants were detected. However, naturally occurring conditions, such as below average rainfall and low flow in the stream, may have affected the ability of PISCES samplers to detect contaminants.

As part of a basewide SI performed in June 1997, one water sample was collected from a storm sewer manhole located within the SMC culverted section, and two surface water samples were collected from the storm sewer outfalls at the headwaters of Rainbow Creek. No contaminants were detected in these water samples. In addition, ten PISCES samples were collected for pesticides and PCBs analyses from SMC, two from unnamed tributaries to the creek, and one from the Rainbow Creek Tributary. No PCBs were detected. The levels of pesticides found in Rainbow Creek and downstream in SMC were higher than in the upper portion of SMC and the other tributaries. There are no screening criteria for PISCES samples.

In July 1998, additional SI samples were collected, primarily from off-Base locations, to fill data gaps that had been identified in the RI sampling. These included two surface water samples and 12 sediment samples. Three metals were detected above the most stringent criteria for surface water. Ten SVOCs, PCBs, dioxins/furans, and two metals were above the most stringent criteria for sediment.

In July 1999, the habitat quality of the creek was visually inspected by Air Force Real Property Agency (AFRPA), USACE, NYSDEC, USEPA, and USFWS. A brief walkover of the on-Base portion revealed the presence of orange floc (iron oxide) at a few locations above and below the culvert. This was attributed to the presence of leachate seeps with extensive orange floc upstream at Landfill 1. A more extensive walkover of the off-Base portion of the creek revealed an aquatic habitat of relatively high quality. The surrounding habitat is also of high quality for plants and wildlife, including extensive areas of forest, shrub, and emergent wetlands. The presence of cloudiness and some orange floc in the water column was observed. The floc is attributed to leachate seepage from Landfill 1. However, it should be noted that high concentrations of iron were

observed in background soil conditions (E&E, July 2003).

3.2.2 Record of Decision

The ROD for the SMC AOC was issued by the Air Force in December 2003 and signed by the USEPA in March 26, 2004. Based on the previous investigations and environmental conditions at the site, the selected remedy is Source Control at sites potentially discharging to SMC and LTM of the SMC AOC, stated in the ROD.

3.2.3 Six Mile Creek AOC Long Term Monitoring (2004 through 2010)

LTM at the SMC AOC was initiated in October 2004 and consisted of annual surface water and sediment sampling at twelve sampling locations (SMC-1 through -12) and fish tissue sampling and a benthic qualitative assessment is conducted every three years at 5 sampling locations (SMC-1 through -5). Surface water sampling, sediment sampling, fish tissue sampling and a benthic qualitative assessment was performed in fall 2004 and fall 2007. Surface water and sediment sampling was also conducted in fall 2005 and fall 2006. The sampling locations are illustrated on Figure 3-1.

As recommended in the fall 2007 LTM Report, only SMC-1, -2, -4, -5, and -11 were sampled in 2008 and 2009. Seven locations were removed as a result of little to no contamination reported at the sites over four consecutive sampling rounds. During these events, surface water and sediment sampling was conducted.

In fall 2010, surface water samples, sediment samples, fish tissue samples, and benthic qualitative assessments were conducted at sampling locations SMC-1, -4, and -5. A benthic qualitative assessment was also conducted at SMC-2. No sediment samples were collected here due to the absence of contamination and surface water sampling is conducted under the Landfill 1 LTM network. Sampling location SMC-11 was removed from the LTM network following the installation of the Rainbow Creek culvert.

The following summarizes the previous LTM results for SMC. Full descriptions of previous LTM activities and sampling results are provided in the Fall 2004 Annual LTM Report for Six Mile Creek (FPM, July 2005), Fall 2005 Annual LTM Report for Six Mile Creek (FPM, May 2006), Fall 2006 Annual LTM Report for Six Mile Creek (FPM, October 2007), Fall 2007 Annual LTM Report for Six Mile Creek (FPM, October 2008), Fall 2008 Annual LTM Report for Six Mile Creek (FPM, August 2009), Fall 2009 Annual LTM Report for Six Mile Creek (FPM, March 2010), and Fall 2010 Annual LTM Report for Six Mile Creek (FPM, July 2011).

<u>Surface Water:</u>
Results from annual surface water sampling conducted between 2004 and 2010 showed VOC, SVOC, and metals concentrations above NYS Surface Water Standards. One VOC (benzene) exceedance was present at two sampling locations, SMC-4 and -5. However, benzene concentrations have not been detected above the NYS Surface Water Standards at these locations since 2008. The historical exceedances were attributed to the Apron 2 Petroleum Spill Site, which is upgradient of the creek and currently undergoing active remediation through horizontal biosparging. The NYS Surface Water Standard for benzene is 1 µg/L.

Samples from several locations have reported SVOC and metals concentrations above NYS Surface Water Standards. However, concentrations were within one order of magnitude of the NYS Surface Water Standards or attributed to background conditions. There were no PCB or pesticide exceedances reported in any of the sampling events.

Sediment:

Results from annual sediment sampling conducted between 2004 and 2010 showed SVOC, metals, pesticides, and PCBs concentrations above the NYSDEC's most stringent ecological screening values. The following summarizes the latest LTM sampling results (fall 2010).

Up to eight SVOC detections were reported at all three sampling locations, but concentrations did not exceed the most stringent ecological screening values. Additionally, two of the SVOCs detected at each location were also detected in the associated blank. No pesticides were detected in any of the three locations.

One PCB detection was reported: Aroclor 1254 exceeded the most stringent ecological screening value (15.96 µg/kg) at sampling location SMC-5 (50.2 µg/kg). No PCBs detections were reported from sampling locations SMCs -1 and - 4. The most stringent ecological screening value for Aroclor 1248 and 1254 is 15.96 µg/kg. The most stringent ecological screening value for Aroclor is 1260 is 5 µg/kg.

PCB exceedances observed during LTM sampling show a decreasing trend compared to the 1994 RI sampling round, at applicable sampling locations (SMCs -1, -4, and -5). Detected PCB concentrations from the 2004 to 2010 sampling rounds showed no discernible trends.

Fish Tissue:

During the 2004 LTM event, fish tissue sampling was conducted at sampling locations SMC-1, -2, -3, -4, and -5. Results showed PCB detections at all sampling locations, including SMC-1 which is the upgradient location. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYS Department of Health Fish Advisory Guidelines.

Sampling locations SMC-3, -4, and -5 were sampled in 2007. Results showed PCB detections at all sampling locations. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYSDOH Fish Advisory Guidelines.

Fish sampling was again conducted at SMC-1, -4, and -5 in 2010. No fish samples could be collected at SMC-2 due to a beaver pond. The samples from SMC-1, -4 and -5 were analyzed whole for ecological evaluation. No exceedances were reported in fish tissue samples at SMC-1, but one PCB (aroclor 1254) was detected. This location is upstream of all former Griffiss AFB source sites. PCB exceedances of the NYSDEC piscivorous wildlife criteria were reported at sampling locations SMC-4 and -5. However, the concentrations were not above the NYSDOH Fish Advisory Guidelines.

The range of total PCB concentrations from the 2010 sampling round was lower than the total PCB concentration ranges from both the 2004 and 2007 sampling rounds. The sediment sample at SMC-4 did not show any PCB detections during the 2010 sampling round.

Benthic Qualitative Assessment:

Benthic Qualitative Assessments were conducted at locations SMC-1, -2, -3, -4, and -5 in 2004, at SMC-2, -3, -4, and -5 in 2007, and at SMC-1, -2, -4, and -5 in 2010. Results from 2010 showed an improvement in water quality impacts in the creek at sampling locations SMC-1, -4, and -5. The water quality at SMC-1 and -5 was non-impacted in the 2010 sampling round. SMC-1 was slightly impacted in 2004 (not sampled in 2007) and SMC-5 was slightly impacted in 2004 and 2007. Both locations have ideal macro invertebrate habitat including a rocky substrate with faster water flow rates.

The water quality at SMC-4 was slightly impacted during the 2010 sampling round. This location was moderately impacted during the 2004 and 2007. Only 36 specimens could be collected using the kick sampling method at this location. However, the number of specimens collected has increased from the 2007 sampling round when only 26 specimens were collected. Additionally, only 84 specimens were collected at SMC-4 in 2004. Therefore, given the substrate and overall habitat of the sampling location, the low yield is not believed to be attributed to water quality but rather, poor habitat. The water quality at SMC-2 remained similar when compared to previous sampling events (moderate). This location had sandy substrate and is downgradient of Landfill 1. At this location, a beaver dam has been constructed generating slow water flow rates. The sample was collected upstream of the pond in a narrower and shallower portion of the creek. The slow water flow rates can contribute to lower oxygen rates in the water and a less favorable benthic habitat.

3.3 2011 Field Activities

On September 6, 2011, sediments and surface water samples were collected at sampling locations SMC-4 and -5. Sediment samples collected at locations SMC-4 and -5 were analyzed for PCBs. Sediment sampling results are provided in Table 3-1. Daily CQCRs are attached in Appendix A. The validated and raw lab results are attached in Appendix B and Appendix C, respectively. No PCBs detections were reported.

3.4 Conclusions

No PCBs were detected at sampling locations SMC-4 and -5 in the 2011sampling round. PCBs have previously been detected at both locations. When the PCB results from all LTM events prior to 2011 are compared, there is no discernable trend. The total PCB concentration trends in Six Mile Creek sediments are illustrated in Figure 3-2. Rainbow Creek, the suspected source of PCB contamination, was culverted in 2008 and 2009. Therefore, it is anticipated that the PCB detections will continue to decline since the culvert may have eliminated the source of discharge of additional PCBs to SMC by minimizing erosion of residual contaminated soils and sediments.

3.5 LTM Optimization Recommendations

Continued annual sediment sampling is recommended at sampling location SMC-5 to monitor contamination degradation and migration. Two consecutive sampling rounds have shown no PCB detections at SMC-4. Therefore, it is recommended to remove SMC-4 from the LTM Network. The LTM sampling network summary for SMC is shown in Table 3-2.

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TABLES

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-1							
Sample ID		RI Results (TMCSD-2)	TMCSD0101AA	TMCSD0101BB	TMCSD0101CA	TMCSD0101DA	TMCSD0101EA	TMCSD0101FA	
Date of Collection		5/17/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	U	U	30 F	280 F	U	U	
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U	U	
1,3-dichlorobenzene	1600	U	U	U	U	U	U	U	
1,4-dichlorobenzene	8500	U	U	U	U	78 F	U	U	
2-methylnaphthalene	65	5,100 J	25 F	U	U	33 F	30 F	U	
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U	U	
4-nitroaniline	500*	U	U	U	U	U	U	U	
acenaphthene	16	U	33 F	U	U	160 F	220 F	62 J	
acenaphthylene	--	11,000 J	U	U	22 F	U	U	U	
anthracene	85	19,000	75 F	U	58 F	540 F	86 F	170 J	
benzo(a)anthracene	261	51,000	190 F	U	160 F	1,700 J	290 F	460 J	
benzo(a)pyrene	370	35,000	170 F	U	130 F	1,500 M	250 F	370 J	
benzo(b)fluoranthene	--	41,000	250 F	U	190 F	2,300 M	470 F	670 J	
benzo(k)fluoranthene	240	28,000	95 F	U	83 F	970 M	150 F	U	
benzo(g,h,i)perylene	170	19,000	60 F	U	47 F	320 F	88 F	210 J	
benzyl alcohol	--	U	U	U	U	U	U	U	
benzoic acid	--	U	U	U	U	U	U	U	
bis(2-ethylhexyl) phthalate	10453.8	900 J	30 F	29 F	45 F	110 F	120 F	U	
benzyl butyl phthalate	50000	U	U	U	U	47 F	39	U	
chrysene	340	43,000	190 F	U	130 F	1,700 J	310 F	410 J	
di-n-butyl phthalate	--	U	U	U	U	U	U	U	
di-n-octyl phthalate	50000	U	U	U	U	U	U	U	
dibenz(a,h)anthracene	60	8,700 J	22 F	U	U	120 F	U	U	
dibenzofuran	2000	10,000 J	31 F	U	U	U	52 F	U	
diethyl phthalate	7100	U	U	41 F	U	U	U	U	
fluoranthene	600	84,000	370 F	U	320 F	3,200 J	650 F	930 J	
fluorene	35	12,000 J	45 F	U	24 F	210 F	55 F	U	
indeno(1,2,3-c,d)pyrene	200	22,000	50 F	U	34 F	140 F	18 F	190 J	
naphthalene	160	15,000 J	47 F	U	20 F	U	58 F	U	
nitrobenzene	200*	U	U	U	U	U	U	U	
phenol	26.2	U	U	U	U	U	U	U	
phenanthrene	240	91,000	330 F	U	250 F	2,400 J	510 F	700 J	
pyrene	490	89,000	340 F	U	260 F	3,900 J	580 F	740 J	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-1							
Sample ID		RI Results (TMCSD-2)	TMCSD0101AA	TMCSD0101BB	TMCSD0101CA	TMCSD0101DA	TMCSD0101EA	TMCSD0101FA	
Date of Collection		5/17/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	1,930	3,900	4,100	3,600	3,000	2,800 J	NS	
antimony	2	U	U	U	0.23 F	U	U	NS	
arsenic	6	5 J	2.9 F	3.0 F	2 F	1.9 F	3.3 F	NS	
barium	--	23.8	15.0	17.0	14.0	11.0	11.0	NS	
berylium	--	U	0.18 F	0.18 F	0.17 F	0.13 F	0.12 F	NS	
cadmium	0.6	1.7	0.44 F	U	0.44 F	U	U	0.18 J	
calcium	--	20,100	5,600	720	5,600	8,800	6,700	NS	
chromium	26	21.2	5.6	4.9	5.3	3.9	5.9	NS	
cobalt	--	2.7	3.2	3.1	2.7	1.9	2.3	NS	
copper	16	52.5	42	10	10	9.4	8.6	NS	
iron	20,000	11,400	9,600	9,100	8,600	7,200	6,500	NS	
lead	31	94.6 J	7.1	1.9 F	5.7	4.3	12	NS	
magnesium	--	1,970	2,200	1,700	2,100	2,100	1,800	NS	
manganese	460	77.9	170	160	130	100	120	NS	
molybdenum	--	9.1	0.33 F	U	U	U	U	NS	
nickel	16	33.9	7.5	7.1	6.9	5.8	5.5	NS	
potassium	--	233	500	520	58	440	450	NS	
selenium	--	U	U	0.61 F	0.39 F	U	U	NS	
silver	1	U	U	U	U	U	U	NS	
sodium	--	206	67 F	44 F	51 F	74 F	74	NS	
thallium	--	U	U		U	U	U	NS	
vanadium	--	97.0	9.3	6.9	8.1	6.7	5.9	NS	
zinc	120	153 J	23	18	20	23	26	NS	
mercury	0.15	U	0.0249 F	0.006 F	0.056 F	0.015 F	0.0095 F	0.078 J	
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U	U	
Aroclor 1254	11.10 [3]	R	U	U	U	U	U	U	
Aroclor 1260	5	R	66.5	U	51.2	146	144	48 J	
Pesticides (µg/Kg)									
alpha BHC	0.01	R	U	U	U	U	U	U	
beta BHC	0.04	R	U	U	U	U	U	U	
delta BHC	0.04	R	U	U	U	U	U	U	
gamma BHC (Lindane)	0.05	R	U	U	U	U	U	U	
alpha-Chlordane	0.05	R	U	U	U	U	U	U	
gamma-Chlordane	0.05	R	0.66 F	U	U	U	U	U	
p,p'-DDD	2	R	5.8 F	U	U	U	U	U	
p,p'-DDE	2	R	0.53 F	U	U	U	U	U	
p,p'-DDT	1	R	25 F	UM	13 J	U	U	9.1 J	
aldrin	--	R	13 F	U	U	U	U	U	
dieldrin	0.02	R	U	0.56 F	8.6 J	U	U	U	
endosulfan I	--	R	U	U	U	U	U	U	
endosulfan II	--	R	12 F	0.40 F	U	U	U	0.68 J	
endosulfan sulfate	--	R	U	U	U	U	U	U	
endrin	3	R	4 F	U	U	U	U	U	
endrin aldehyde	5*	R	8.8 F	U	U	U	U	U	
heptachlor	0.04	R	U	U	U	U	U	U	
heptachlor epoxide	0.03	R	0.79 J	U	U	U	U	U	
methoxychlor	31.44	R	2.9 F	U	U	U	U	U	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-2							
Sample ID		RI Results (TMCSD-8)	TMCSD0201AA	TMCSD0201BB	TMCSD0201CA	TMCSD0201DA	TMCSD0201EA	TMCSD0201FA	
Date of Collection		5/16/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	220 J	U	U	U	140 F	55 F	U	
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U	U	
1,3-dichlorobenzene	1600	U	U	U	U	U	U	U	
1,4-dichlorobenzene	8500	200 J	U	U	U	62 F	29 F	U	
2-methylnaphthalene	65	360 J	U	U	U	24 F	U	U	
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U	U	
4-nitroaniline	500*	U	U	U	U	U	U	U	
acenaphthene	16	810 J	U	U	U	27 F	U	U	
acenaphthylene	--	230 J	U	U	U	30 F	U	U	
anthracene	85	1,600	30 F	U	U	68 F	25 F	U	
benzo(a)anthracene	261	6,300	84 F	U	20 F	340 F	130 F	45 J	
benzo(a)pyrene	370	4,600	75 F	U	U	370 F	140 F	43 J	
benzo(b)fluoranthene	--	5,400	100 F	U	19 F	790 F	240 F	86 J	
benzo(k)fluoranthene	240	4,700	37 F	U	U	210 F	80 F	U	
benzo(g,h,i)perylene	170	1,700	24 F	U	U	110 F	59 F	31 J	
benzyl alcohol	--	U	U	U	U	U	U	U	
benzoic acid	--	U	U	U	U	U	U	U	
bis(2-ethylhexyl) phthalate	10453.8	1000 J	26 F	47 F	30 F	49 F	63 F	130 J	
benzyl butyl phthalate	50000	U	U	U	U	U	U	U	
chrysene	340	5,300	81 F	U	U	430 F	150 F	58 J	
di-n-butyl phthalate	--	U	U	U	U	U	U	U	
di-n-octyl phthalate	50000	U	U	U	U	U	50 F	U	
dibenz(a,h)anthracene	60	970 J	U	U	U	UM	U	U	
dibenzofuran	2000	660 J	U	U	U	U	U	U	
diethyl phthalate	7100	U	U	40 F	U	U	U	U	
fluoranthene	600	11,000	150 F	U	32 F	690 F	260 F	91 J	
fluorene	35	1,000 J	U	U	U	36 F	U	U	
indeno(1,2,3-c,d)pyrene	200	2,300	U	U	U	U	U	28 J	
naphthalene	160	860 J	U	U	U	28 F	U	U	
nitrobenzene	200*	U	U	U	U	U	U	U	
phenol	26.2	U	U	U	U	U	U	23 J	
phenanthrene	240	8,500	110 F	U	18 F	380 F	140 F	48 J	
pyrene	490	10,000	130 F	U	26 F	800 F	260 F	23 J	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-2							
Sample ID		RI Results (TMCSD-8)	TMCSD0201AA	TMCSD0201BB	TMCSD0201CA	TMCSD0201DA	TMCSD0201EA	TMCSD0201FA	
Date of Collection		5/16/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	54,330	2,700	2,900	3,100	3,600	1,900	NS	
antimony	2			U	U	U	0.38 F	NS	
arsenic	6	26.7	1.7 F	1.1 F	1.5 F	3.8 F	6.7	NS	
barium	--	95.7	11	14	9.5	17.0	21.0	NS	
berylium	--	U	0.12 F	0.12 F	0.14 F	0.20 F	0.28 F	NS	
cadmium	0.6	7.7	0.22 F	U	0.19 F	1.3	2.0	0.22 J	
calcium	--	14,600	2,700	4,000	860	2,200	2,900	NS	
chromium	26	65.8	4	4.0	4.0	5.2	6.6	NS	
cobalt	--	6.8	2.4	2.2	2.4	2.3	0.9	NS	
copper	16	67.6	6.8	7.3	7.1	11	15	NS	
iron	20,000	19,100	6,700	7,400	7,200	8,800	5,100	NS	
lead	31	206	2.5 F	1.9 F	1.8 F	12	28	NS	
magnesium	--	1,870	1,300	1,500	1,400	1,200	430	NS	
manganese	460	119	180	110	180	160	89	NS	
molybdenum	--	U	U	U	U	U	0.59 F	NS	
nickel	16	22.9	5.2	5.4	5.6	7.3	3.9	NS	
potassium	--	519	380	420	490	480	270	NS	
selenium	--	U	U	0.41 F	U	U	0.65 F	NS	
silver	1	6.8	U	U	U	U	0.26 F	NS	
sodium	--	448	41 F	31 F	16 F	30 F	50 F	NS	
thallium	--	U	U	U	0.77 F	U	U	NS	
vanadium	--	77.3	6.4	6.4	5.9	9.1	8.3	NS	
zinc	120	184	20	22	15	33	26	NS	
mercury	0.15	0.4	0.00613 F	U	0.0069 F	0.050 F	0.081	U	
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U	U	
Aroclor 1254	11.10 [3]	U	U	U	U	U	U	U	
Aroclor 1260	5	6,600	28.5 F	16.7	13.2 F	84.0	71.7	U	
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U	U	
beta BHC	0.04	U	U	U	U	U	U	1.9 J	
delta BHC	0.04	U	U	U	U	U	U	U	
gamma BHC (Lindane)	0.05	U	U	U	U	U	U	U	
alpha-Chlordane	0.05	U	0.41 F	U	U	U	U	U	
gamma-Chlordane	0.05	U	0.41 F	U	U	U	U	U	
p,p'-DDD	2	U	2.8 F	2.9 F	U	U	U	U	
p,p'-DDE	2	U	U	U	U	U	U	U	
p,p'-DDT	1	U	2.6 F	UM	U	U	U	U	
aldrin	--	U	2.8 F	U	U	U	U	U	
dieldrin	0.02	U	U	2.5 F	1.4 F	U	U	0.32 J	
endosulfan I	--	U	U	U	U	U	U	U	
endosulfan II	--	U	2.2 F	U	U	U	U	U	
endosulfan sulfate	--	U	U	U	U	U	U	U	
endrin	3	U	U	1.1 F	U	U	U	U	
endrin aldehyde	5*	U	1.7 F	U	U	U	U	U	
heptachlor	0.04	U	U	U	U	U	U	U	
heptachlor epoxide	0.03	U	0.63 F	U	U	U	U	U	
methoxychlor	31.44	U	UJ	U	U	67 F	U	U	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-3							
Sample ID		RI Results (TMCSD-10)	TMCSD0301AA	TMCSD0301BB	TMCSD0301CA	TMCSD0301DA	TMCSD0301EA	TMCSD0301FA	
Date of Collection		5/15/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	97 J	U	U	U	U	U	U	
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U	U	
1,3-dichlorobenzene	1600	U	U	U	U	U	U	U	
1,4-dichlorobenzene	8500	U	U	U	U	U	U	U	
2-methylnaphthalene	65	U	U	U	U	U	24 F	U	
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U	U	
4-nitroaniline	500*	U	U	U	U	U	U	U	
acenaphthene	16	120 J	U	U	U	U	U	U	
acenaphthylene	--	82 J	U	U	U	U	U	U	
anthracene	85	340 J	U	U	U	38 F	33 F	U	
benzo(a)anthracene	261	1,700	U	51 F	U	120 F	160 F	36 J	
benzo(a)pyrene	370	1,200	U	53 F	U	100 F	160 FM	38 J	
benzo(b)fluoranthene	--	1,700	U	79 F	U	230 F	300 FM	76 J	
benzo(k)fluoranthene	240	920	U	31 F	U	75 F	93 FM	U	
benzo(g,h,i)perylene	170	370 J	U	23 F	U	UM	UM	31 J	
benzyl alcohol	--	U	U	U	U	U	U	14 J	
benzoic acid	--	U	U	U	U	U	U	U	
bis(2-ethylhexyl) phthalate	10453.8	U	U	77 F	100 F	70 F	260 F	U	
benzyl butyl phthalate	50000	U	U	U	U	U	51 F	U	
chrysene	340	1,500	U	60 F	U	110 F	170 F	45 J	
di-n-butyl phthalate	--	U	U	U	U	U	U	U	
di-n-octyl phthalate	50000	U	U	U	U	U	62 F	U	
dibenz(a,h)anthracene	60	U	U	U	U	UM	UM	U	
dibenzofuran	2000	U	U	U	U	U	U	U	
diethyl phthalate	7100	U	U	47 F	U	U	U	U	
fluoranthene	600	2,800	U	110 F	U	220 F	300 F	68 J	
fluorene	35	200 J	U	U	U	U	U	U	
indeno(1,2,3-c,d)pyrene	200	440 J	U	U	U	U	U	U	
naphthalene	160	87 J	U	U	U	U	U	U	
nitrobenzene	200*	U	U	U	U	U	U	U	
phenol	26.2	U	U	U	U	U	U	36 J	
phenanthrene	240	1,700	U	59 F	U	150 F	170 F	35 J	
pyrene	490	2,400	U	99 F	U	230 F	270 F	60 J	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-3							
Sample ID		RI Results (TMCSD-10)	TMCSD0301AA	TMCSD0301BB	TMCSD0301CA	TMCSD0301DA	TMCSD0301EA	TMCSD0301FA	
Date of Collection		5/15/1994	10/11/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	3,030	2,100	3,600	3,000	3,500	3,800	NS	
antimony	2	U	U	U	U	U	U	NS	
arsenic	6	6.20	1.4 F	2.0 F	1.4 F	2.4 F	3.50	NS	
barium	--	48.2	9.4	16	22	37	52	NS	
berylium	--	0.54	0.16 F	0.17 F	0.13 F	0.15 F	0.22 F	NS	
cadmium	0.6	1.6	0.23 F	0.30 F	0.15 F	0.21 F	0.57	0.10 J	
calcium	--	19400	2,200	4,400	900	5,300	9,200	NS	
chromium	26	25.2	3.7	5.3	3.7	4.5	6.6	NS	
cobalt	--	3.9	2.2	3.1	2.5	2.5	2.6	NS	
copper	16	11	3.8	10	7.1	10	17	NS	
iron	20,000	9,330	8,300	7,900	7,100	7,600	9,000	NS	
lead	31	36.5	1.8 F	5.5	1.6 F	5.4	12	NS	
magnesium	--	2,390	1,100	1,900	1,400	1,700	1,800	NS	
manganese	460	135	64	210	210	140	470	NS	
molybdenum	--	U	0.48 F	0.46 F	U	U	U	NS	
nickel	16	8.6	4.1	7.5	5.4	6.7	7.4	NS	
potassium	--	408	300	480	470	470	580	NS	
selenium	--	U	U	0.40 F	U	U	.50 F	NS	
silver	1	1.8	U	U	U	U	U	NS	
sodium	--	260	24 F	42 F	18 F	34 F	66 F	NS	
thallium	--	U	U	U	U	U	U	NS	
vanadium	--	14.3	9.1	9.2	5.4	7.6	12	NS	
zinc	120	63.6	12	30	15	28	63	NS	
mercury	0.15	U	0.00677 F	0.012 F	0.0044 F	0.014 F	0.034 F	0.013 J	
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U	U	
Aroclor 1254	11.10 [3]	U	U	U	U	U	U	U	
Aroclor 1260	5	3400	U	38.1	3.76 F	47.5	234	U	
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U	U	
beta BHC	0.04	U	U	U	U	U	U	U	
delta BHC	0.04	U	U	U	U	U	U	U	
gamma BHC (Lindane)	0.05	U	U	U	U	U	U	U	
alpha-Chlordane	0.05	U	U	U	U	U	U	U	
gamma-Chlordane	0.05	U	U	U	U	U	U	U	
p,p'-DDD	2	U	0.28 F	2.8 F	U	3.1 F	U	U	
p,p'-DDE	2	U	0.42 F	3.7 F	U	U	U	U	
p,p'-DDT	1	U	0.68 F	U	U	U	U	U	
aldrin	--	U	U	1.0 F	U	U	U	U	
dieldrin	0.02	U	0.51 F	6.5 F	U	5.4 F	U	U	
endosulfan I	--	U	U	U	U	U	U	U	
endosulfan II	--	U	0.2 F	U	U	U	U	U	
endosulfan sulfate	--	U	U	U	U	U	U	U	
endrin	3	U	U	U	U	U	U	U	
endrin aldehyde	5*	U	U	U	U	U	U	U	
heptachlor	0.04	U	U	U	U	U	U	U	
heptachlor epoxide	0.03	U	U	0.48 F	U	U	U	U	
methoxychlor	31.44	U	UJ	U	U	U	U	U	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-4							
Sample ID		TMCSD0401AA	TMCSD0401BB	TMCSD0401CA	TMCSD0401DA	TMCSD0401EA	TMCSD0401FA		
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	400 F	U	U	220 F	U	U		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	77 F	U	U	U	56 F	U		
1,4-dichlorobenzene	8500	1200 F	U	U	430 F	43 F	U		
2-methylnaphthalene	65	190 F	U	U	59 F	95 F	U		
4-chlorophenyl phenyl ether	--	150 F	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	U	U	U	74 F	U	U		
acenaphthylene	--	220 F	U	U	49 F	62 F	U		
anthracene	85	130 F	U	U	110 F	100 F	U		
benzo(a)anthracene	261	380 F	27 F	350 F	360 F	330 F	59 J		
benzo(a)pyrene	370	460 F	27 F	240 F	390 F	230 FM	61 J		
benzo(b)fluoranthene	--	940 F	39 F	370 F	790 F	430 F	110 J		
benzo(k)fluoranthene	240	320 F	U	U	300 F	340 F	U		
benzo(g,h,i)perylene	170	210 F	U	U	UM	90 FM	43 J		
benzyl alcohol	--	U	U	U	U	U	13 J		
benzoic acid	--	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	U	60 F	U	150 F	120 F	88 J		
benzyl butyl phthalate	50000	U	U	U	U	U	U		
chrysene	340	620 F	32 F	270 F	420 F	240 F	77 J		
di-n-butyl phthalate	--	U	U	U	U	U	U		
di-n-octyl phthalate	50000	U	U	U	U	86 F	U		
dibenz(a,h)anthracene	60	80 F	U	U	UM	UM	U		
dibenzofuran	2000	U	U	U	57 F	60 F	U		
diethyl phthalate	7100	U	44 F	U	U	U	U		
fluoranthene	600	870 F	58 F	670 F	680 F	540 F	120 J		
fluorene	35	120 F	U	U	80 F	77 F	U		
indeno(1,2,3-c,d)pyrene	200	110 F	U	U	U	U	64 J		
naphthalene	160	140 F	U	U	49 F	140 F	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenol	26.2	U	U	U	U	U	U		
phenanthrene	240	440 F	35 F	500 F	490 F	500 F	64 J		
pyrene	490	1,400 J	52 F	510 F	1,200 F	480 F	110 J		

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-4							
Sample ID		TMCSD0401AA	TMCSD0401BB	TMCSD0401CA	TMCSD0401DA	TMCSD0401EA	TMCSD0401FA		
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	4,800	2,500	3,600	5,100	4,000	NS		
antimony	2	U	U	U	U	U	NS		
arsenic	6	9	2.1 F	2.2 F	12	4	NS		
barium	--	43	24	34	58	36	NS		
berylium	--	0.35 F	0.11 F	0.22 F	0.48 F	0.25 F	NS		
cadmium	0.6	6.5	0.44 F	1.4	20	1.9	0.61 J		
calcium	--	4,900	2,700	3,600	3,800	3,800	NS		
chromium	26	32	4.8	9.7	44	11	NS		
cobalt	--	5.1	2.4	3	5.9	2.9	NS		
copper	16	26	5.4	15	38	13	NS		
iron	20,000	9,700	6,400	7,500	9,800	7,400	NS		
lead	31	55	8	21	68	25	NS		
magnesium	--	2,600	1,600	1,900	1,900	2,000	NS		
manganese	460	160	260	130	160	130	NS		
molybdenum	--	0.86 F	U	U	U	U	NS		
nickel	16	15	5.5	8.7	19	13	NS		
potassium	--	490	320	370	410	380	NS		
selenium	--	0.61 F	0.45 F	0.46 F	U	0.42 F	NS		
silver	1	0.81 F	U	0.21 F	1.0 F	0.22 F	NS		
sodium	--	48 F	27 F	31 F	51 F	84	NS		
thallium	--	U	U	0.83 F	U	U	NS		
vanadium	--	16	5.7	12	21	17	NS		
zinc	120	100	34	69	130	65	NS		
mercury	0.15	0.0747 F	0.010 F	0.040 F	0.17 F	0.040 F	0.025 J		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1254	11.10 [3]	U	U	U	U	U	U		
Aroclor 1260	5	570	67.1	433	304	339	12 J		
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U		
beta BHC	0.04	2.7 F	U	U	U	U	U		
delta BHC	0.04	16 F	U	U	U	U	U		
gamma BHC (Lindane)	0.05	2 F	U	U	U	U	U		
alpha-Chlordane	0.05	35 F	U	U	U	U	U		
gamma-Chlordane	0.05	22 F	U	17 J	U	U	U		
p,p'-DDD	2	59	4.5 J	11	60 F	U	U		
p,p'-DDE	2	15	U	U	U	U	U		
p,p'-DDT	1	81 J	UM	U	U	46 F	1.8 J		
aldrin	--	U	U	U	U	U	U		
dieldrin	0.02	56 J	6.8 J	28 J	45 F	U	0.49 J		
endosulfan I	--	U	U	U	U	U	U		
endosulfan II	--	57 F	3.9 F	18 J	U	U	U		
endosulfan sulfate	--	U	U	U	U	U	U		
endrin	3	7 F	U	U	U	U	U		
endrin aldehyde	5*	39 J	U	U	U	U	U		
heptachlor	0.04	2 F	U	U	U	U	U		
heptachlor epoxide	0.03	110 J	0.75 F	U	U	U	U		
methoxychlor	31.44	14 F	U	U	U	U	U		

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-5							
Sample ID		TMCSD0501AA	TMCSD0501BB	TMCSD0501CA	TMCSD0501DA	TMCSD0501EA	TMCSD0501FA		
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011		
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	63 F	U	U	19 F	28 F	U		
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U		
1,3-dichlorobenzene	1600	U	U	U	U	U	U		
1,4-dichlorobenzene	8500	33 F	U	U	U	22 F	U		
2-methylnaphthalene	65	44 F	U	U	U	26 F	U		
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U		
4-nitroaniline	500*	U	U	U	U	U	U		
acenaphthene	16	23 F	U	U	U	U	89 J		
acenaphthylene	--	110 F	U	U	U	U	U		
anthracene	85	79 F	30 F	U	35 F	54 F	300 J		
benzo(a)anthracene	261	320 F	120 F	190 F	160 F	350 F	1,100 J		
benzo(a)pyrene	370	380 F	120 F	U	150 F	260 F	1,000 J		
benzo(b)fluoranthene	--	550 F	190 F	U	310 F	480 FM	1,900 J		
benzo(k)fluoranthene	240	180 F	82 F	U	98 F	94 FM	U		
benzo(g,h,i)perylene	170	170 F	44 F	U	U	180 FM	600 J		
benzyl alcohol	--	U	U	U	U	U	U		
benzoic acid	--	U	U	U	U	U	U		
bis(2-ethylhexyl) phthalate	10453.8	U	63 F	U	56 F	180 F	U		
benzyl butyl phthalate	50000	U	U	U	U	U	U		
chrysene	340	430 F	140 F	U	170 F	260 F	1,200 J		
di-n-butyl phthalate	--	U	U	U	U	63 F	U		
di-n-octyl phthalate	50000	U	U	U	U	U	U		
dibenz(a,h)anthracene	60	52 F	U	U	U	UM	U		
dibenzofuran	2000	41 F	U	U	U	U	U		
diethyl phthalate	7100	41 F	50 F	U	U	U	U		
fluoranthene	600	770 F	240 F	230 F	280 F	540 F	2,200 J		
fluorene	35	68 F	U	U	U	25 F	U		
indeno(1,2,3-c,d)pyrene	200	140 F	25 F	U	U	U	550 J		
naphthalene	160	55 F	U	U	U	24 F	U		
nitrobenzene	200*	U	U	U	U	U	U		
phenol	26.2	U	U	U	U	U	U		
phenanthrene	240	570 F	140 F	U	170 F	270 F	1,200 J		
pyrene	490	750 F	240 F	200 F	330 F	460 F	1,900 J		

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-5							
Sample ID		TMCSD0501AA	TMCSD0501BB	TMCSD0501CA	TMCSD0501DA	TMCSD0501EA	TMCSD0501FA		
Date of Collection		10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011		
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	11,000	3,600	3,500	4,600	3,600	NS		
antimony	2	U	U	U	U	U	NS		
arsenic	6	13	2.1 F	1.5 F	3.1 F	2.7 F	NS		
barium	--	66	34	27	31	52	NS		
berylium	--	0.55 F	0.18 F	0.16 F	0.24 F	0.22 F	NS		
cadmium	0.6	6.6	0.53 F	0.62 F	1.0	0.91	5.2		
calcium	--	2,200	3,700	2,000	3,700	9,900	NS		
chromium	26	21	6	5.2	7.6	7.2	NS		
cobalt	--	7.1	2.8	2.7	3.2	2.6	NS		
copper	16	30	13	9.9	16	16	NS		
iron	20,000	18,000	8,300	7,800	9,300	7,900	NS		
lead	31	44	9.0	6	16	16	NS		
magnesium	--	2,100	1,600	1,500	1,800	1,500	NS		
manganese	460	390	180	120	310	230	NS		
molybdenum	--	0.55 F	U	U	U	U	NS		
nickel	16	14	7.1	6.3	9.2	7.9	NS		
potassium	--	580	460	490	520	510	NS		
selenium	--	1.1 F	0.54 F	0.33 F	U	U	NS		
silver	1	0.57 F	U	U	U	0.20 F	NS		
sodium	--	60 F	56 F	32 F	61 F	100	NS		
thallium	--	U	U	U	U	U	NS		
vanadium	--	22	8.6	7.4	14	11	NS		
zinc	120	84	33	25	49	52	NS		
mercury	0.15	0.116 F	0.024 F	0.012 F	0.054 F	0.044 F	0.17		
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U		
Aroclor 1254	11.10 [3]	U	U	U	U	U	U		
Aroclor 1260	5	111	116	74.6	211	604 J	27 J		
Pesticides (µg/Kg)									
alpha BHC	0.01	0.22 F	U	U	U	U	U		
beta BHC	0.04	U	U	U	U	U	U		
delta BHC	0.04	0.97 F	U	U	U	U	U		
gamma BHC (Lindane)	0.05	U	U	U	U	U	U		
alpha-Chlordane	0.05	8.3 J	U	U	U	U	U		
gamma-Chlordane	0.05	41 J	U	U	U	U	U		
p,p'-DDD	2	10	5.5 J	U	U	U	U		
p,p'-DDE	2	2 J	1.8 F	U	U	U	U		
p,p'-DDT	1	19 J	UM	14 J	U	U	U		
aldrin	--	U	U	U	U	U	U		
dieldrin	0.02	12 J	13 J	9.3 J	24 F	U	U		
endosulfan I	--	U	U	U	U	U	U		
endosulfan II	--	11 J	U	U	U	U	U		
endosulfan sulfate	--	U	U	U	U	U	U		
endrin	3	4.2 J	U	U	U	U	U		
endrin aldehyde	5*	0.92 J	U	U	U	U	U		
heptachlor	0.04	U	U	U	U	U	U		
heptachlor epoxide	0.03	2 F	2.4 J	U	U	U	U		
methoxychlor	31.44	2.6 F	U	U	U	U	U		

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-6							
Sample ID		RI Results (TMCSD-4)	TMCSD0601AA	TMCSD0601BB	TMCSD0601CA	TMCSD0601DA	TMCSD0601EA	TMCSD0601FA	
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	U	U	U	U	U	U	
1,2,4-trichlorobenzene	3400	U	U	U	U	U	U	U	
1,3-dichlorobenzene	1600	U	U	U	U	U	U	U	
1,4-dichlorobenzene	8500	U	U	U	U	U	U	U	
2-methylnaphthalene	65	U	U	U	U	92 F	U	U	
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U	U	
4-nitroaniline	500*	U	U	U	U	U	U	U	
acenaphthene	16	15 J	U	U	U	200 F	21 F	U	
acenaphthylene	--	9 J	U	U	U	U	39 F	U	
anthracene	85	60 J	41 F	U	U	980 F	80 F	U	
benzo(a)anthracene	261	U	99 F	47 F	19 F	U	370 F	U	
benzo(a)pyrene	370	160 J	91 F	60 F	19 F	2,400 F	220 F	U	
benzo(b)fluoranthene	--	190 J	140 F	100 F	U	4,800 J	510 FM	U	
benzo(k)fluoranthene	240	99 J	47 F	51 F	U	1,500 F	130 FM	U	
benzo(g,h,i)perylene	170	140 J	43 F	32 F	U	550 F	110 FM	U	
benzyl alcohol	--	U	U	U	U	U	U	U	
benzoic acid	--	5 J	U	U	U	U	U	U	
bis(2-ethylhexyl) phthalate	10453.8	540 J	190 F	390 F	U	430 F	350 F	U	
benzyl butyl phthalate	50000	540 J	U	U	U	U	28 F	U	
chrysene	340	180 J	110 F	79 F	U	3,500 J	280 F	U	
di-n-butyl phthalate	--	U	U	U	U	U	U	U	
di-n-octyl phthalate	50000	U	U	30 F	U	U	U	U	
dibenz(a,h)anthracene	60	U	U	U	U	UM	UM	U	
dibenzofuran	2000	U	U	U	U	130 F	28 F	U	
diethyl phthalate	7100	U	33 F	47 F	U	U	U	U	
fluoranthene	600	350 J	200 F	110 F	29 F	5,600 J	730 F	U	
fluorene	35	U	U	U	U	360 F	47 F	U	
indeno(1,2,3-c,d)pyrene	200	U	37 F	U	U	U	U	U	
naphthalene	160	U	23 F	U	U	U	U	U	
nitrobenzene	200*	U	U	U	U	U	U	U	
phenol	26.2	U	U	U	U	U	U	U	
phenanthrene	240	260 J	160 F	50 F	18 F	5,000 J	530 F	U	
pyrene	490	430 J	180 F	140 F	25 F	9,300 J	560 F	150 J	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-6							
Sample ID		RI Results (TMCSD-4)	TMCSD0601AA	TMCSD0601BB	TMCSD0601CA	TMCSD0601DA	TMCSD0601EA	TMCSD0601FA	
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	1960 J	3,300	2,700	3,200 M	2,900	3,100	NS	
antimony	2	U	U	U	UM	U	U	NS	
arsenic	6	1 J	1.9 F	1.0 F	1.3 F	2.5 F	1.2 F	NS	
barium	--	61.8	12	15	11	U	19.0	NS	
berylium	--	U	0.17 F	0.10 F	0.14 F	0.13 F	0.14 F	NS	
cadmium	0.6	U	0.24 F	0.044 F	0.17 F	U	U	0.23 J	
calcium	--	27400 J	3,400	5,800	2,200	37,000	13,000	NS	
chromium	26	9.0	5.3	5.0	4.1	5.4	9.0	NS	
cobalt	--	2.3	3.1	1.9	2.4	1.8	1.7	NS	
copper	16	11.7 J	9.3	8.8	7.4	12	21	NS	
iron	20,000	7,720	7,600	6,200	7,500 M	11,000	7,100	NS	
lead	31	59.8 J	3.5 F	4.1	1.8 F	10	12	NS	
magnesium	--	1,720	1,800	1,700	1,700	2,300	2,100	NS	
manganese	460	118	250	59	140	200	90	NS	
molybdenum	--	U	U	U	U	U	U	NS	
nickel	16	4.8 J	6.4	5.3	5.6	7.7	5.9	NS	
potassium	--	265 J	470	420	490	390	620	NS	
selenium	--	U	U	0.28 F	0.3 F	U	U	NS	
silver	1	U	U	U	U	U	U	NS	
sodium	--	209	50 F	34 F	35 F	55 F	75	NS	
thallium	--	U	U	U	U	U	U	NS	
vanadium	--	6.1 J	6.9	6.0	6.1	7.5	10.0	NS	
zinc	120	82.9	20	32	15	60	41	NS	
mercury	0.15	U	0.0149 F	0.0048 F	0.0050 F	U	0.011 F	0.18	
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	16.7 F	U	U	U	U	
Aroclor 1254	11.10 [3]	U	U	U	U	U	U	21 J	
Aroclor 1260	5	U	8.75 F	U	U	U	U	U	
Pesticides (µg/Kg)									
alpha BHC	0.01	U	U	U	U	U	U	U	
beta BHC	0.04	U	U	U	U	U	U	U	
delta BHC	0.04	U	U	U	U	U	U	U	
gamma BHC (Lindane)	0.05	U	U	U	U	U	U	U	
alpha-Chlordane	0.05	U	3.5 J	U	U	U	U	U	
gamma-Chlordane	0.05	U	2.5 J	U	1.7 F	U	U	U	
p,p'-DDD	2	U	0.78 F	2.1 F	U	U	U	U	
p,p'-DDE	2	U	0.22 F	U	U	U	U	U	
p,p'-DDT	1	U	1.8 F	UM	2.2 F	1.4 F	U	U	
aldrin	--	U	U	U	U	U	U	U	
dieldrin	0.02	U	1.6 F	3.3 F	U	U	U	U	
endosulfan I	--	U	U	U	U	U	U	U	
endosulfan II	--	U	1.1 F	U	U	U	U	U	
endosulfan sulfate	--	U	U	U	U	U	U	U	
endrin	3	U	0.83 F	U	U	U	U	U	
endrin aldehyde	5*	U	U	U	U	U	U	U	
heptachlor	0.04	U	U	U	U	U	U	U	
heptachlor epoxide	0.03	U	0.83 F	U	U	U	U	U	
methoxychlor	31.44	U	UJ	U	U	U	U	U	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-7							
Sample ID		RI Results (LF5SD-3)	TMCSD0701AA	TMCSD0701BB	TMCSD0701CA	TMCSD0701DA	TMCSD0701EA	TMCSD0701FA	
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
SVOCs (µg/Kg)									
1,2-dichlorobenzene	7900	U	190 F	2100 F	U	28 F	U	U	
1,2,4-trichlorobenzene	3400	U	U	48 F	U	U	U	U	
1,3-dichlorobenzene	1600	U	U	34 F	U	U	U	U	
1,4-dichlorobenzene	8500	U	260 F	270 F	U	37 F	19 F	U	
2-methylnaphthalene	65	U	61 F	89 F	U	U	U	U	
4-chlorophenyl phenyl ether	--	U	U	U	U	U	U	U	
4-nitroaniline	500*	U	U	U	U	U	U	U	
acenaphthene	16	U	U	U	U	U	U	U	
acenaphthylene	--	U	U	U	U	U	U	U	
anthracene	85	U	35 F	37 F	U	U	U	U	
benzo(a)anthracene	261	U	110 F	480 F	U	47 F	22 F	U	
benzo(a)pyrene	370	U	110 F	510 F	U	44 F	U	U	
benzo(b)fluoranthene	--	140 J	160 F	770 F	U	120 F	U	U	
benzo(k)fluoranthene	240	72 J	75 F	370 F	U	22 F	U	U	
benzo(g,h,i)perylene	170	U	44 F	210 F	U	U	U	U	
benzyl alcohol	--	180 J	U	U	U	U	U	U	
benzoic acid	--	4,200	U	U	U	U	U	U	
bis(2-ethylhexyl) phthalate	10453.8	1,300	52 F	260 F	30 F	41 F	76 F	U	
benzyl butyl phthalate	50000	U	U	U	U	U	U	U	
chrysene	340	220 J	13 F	450 F	U	46 F	U	U	
di-n-butyl phthalate	--	U	U	U	U	U	U	U	
di-n-octyl phthalate	50000	U	U	U	U	U	35 F	U	
dibenz(a,h)anthracene	60	U	U	71 F	U	U	U	U	
dibenzofuran	2000	U	U	U	U	U	U	U	
diethyl phthalate	7100	U	29 F	53 F	U	U	U	U	
fluoranthene	600	150 J	230 F	460 F	U	75 F	32 F	U	
fluorene	35	U	U	U	U	U	U	U	
indeno(1,2,3-c,d)pyrene	200	U	33 F	U	U	U	U	U	
naphthalene	160	U	43 F	41 F	U	U	U	U	
nitrobenzene	200*	U	U	U	U	U	U	U	
phenol	26.2	U	U	U	U	U	U	36 J	
phenanthrene	240	100 J	150 F	120 F	U	43 F	27 F	U	
pyrene	490	270 J	230 F	610 F	U	76 F	26 F	U	

Table 2-1
Three Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value	TMC-7							
Sample ID		RI Results (LF5SD-3)	TMCSD0701AA	TMCSD0701BB	TMCSD0701CA	TMCSD0701DA	TMCSD0701EA	TMCSD0701FA	
Date of Collection		5/15/1994	10/9/2006	10/18/2007	10/27/2008	10/1/2009	10/29/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5							
Metals (mg/Kg)									
aluminum	--	3,420	3,200	6,500	3,000	3,800	2,800	NS	
antimony	2	U	U	U	U	U	0.32 F	NS	
arsenic	6	U	2.3 F	5.7 F	1.3 F	2.4 F	2.0 F	NS	
barium	--	5.9	18	42	15	20	18	NS	
berylium	--	29	0.18 F	0.34 F	0.13 F	0.19 F	0.13 F	NS	
cadmium	0.6	U	0.44 F	0.23 F	0.18 F	0.32 F	U	U	
calcium	--	9,850	1,100	62,000	2,500	3,400	2,700	NS	
chromium	26	6.7	4.8	12	4	4.7	3.2	NS	
cobalt	--	3.2	3.1	4.0	2.3	2.9	2	NS	
copper	16	10.6	7.5	9.8	7.1	9.8	5.6	NS	
iron	20,000	10,200	6,900	9,800	7,100	8,500	6,500	NS	
lead	31	39.6	4.4	7.6	1.9 F	4.8	2.3	NS	
magnesium	--	2,890	1,700	2,700	1,500	1,800	1,400	NS	
manganese	460	476	190	230	280	610	180	NS	
molybdenum	--	U	0.34 F	1.3 F	U	U	U	NS	
nickel	16	8.2	11	19	6.2	9.4	6	NS	
potassium	--	514	450	450	450	540	470	NS	
selenium	--	U	U	0.57 F	0.27 F	U	U	NS	
silver	1	U	U	U	U	U	U	NS	
sodium	--	357	44 F	71 F	48 F	64 F	24 F	NS	
thallium	--	U	U	U	U	U	U	NS	
vanadium	--	13.2	20	67	7.1	13	7.8	NS	
zinc	120	51.6	63	120	21	44	21	NS	
mercury	0.15	0.29	0.0180 F	0.035 F	0.0091 F	0.019 F	0.010 F	U	
PCBs (µg/Kg)									
Aroclor 1248	11.1	U	U	U	U	U	U	U	
Aroclor 1254	11.10 [3]	U	U	U	U	U	U	U	
Aroclor 1260	5	7,500 J	115	101	7.97 F	54.7	28.3	U	
Pesticides (µg/Kg)									
alpha BHC	0.01	U	UJ	U	U	U	U	U	
beta BHC	0.04	U	UJ	U	U	U	U	U	
delta BHC	0.04	U	UJ	U	U	U	U	U	
gamma BHC (Lindane)	0.05	U	UJ	U	U	U	U	U	
alpha-Chlordane	0.05	24 J	0.99 F	0.93 F	U	U	U	U	
gamma-Chlordane	0.05	U	0.68 F	U	U	U	U	U	
p,p'-DDD	2	U	3.9 F	3.8 F	0.87 F	1.8 F	U	U	
p,p'-DDE	2	U	0.28 F	U	U	U	U	U	
p,p'-DDT	1	U	5.2 J	UM	2.3 F	U	U	U	
aldrin	--	U	UJ	U	U	U	U	U	
dieldrin	0.02	U	4.8 J	6.5	1.5 F	2.9 F	U	U	
endosulfan I	--	U	0.229 F	U	U	U	U	U	
endosulfan II	--	U	4.3 F	6.4 J	1.4 F	U	U	U	
endosulfan sulfate	--	U	UJ	U	U	U	U	U	
endrin	3	U	1.7 F	U	U	U	U	U	
endrin aldehyde	5*	U	3 F	U	1.1 F	U	U	U	
heptachlor	0.04	U	UJ	U	U	U	U	U	
heptachlor epoxide	0.03	U	0.68 F	1.3 F	U	U	U	U	
methoxychlor	31.44	U	1.0 F	U	1.2 F	U	U	U	

Table 2-2
Three Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Future LTM Sampling Network – Including All Recommended Changes				
TMC-1	Upstream, northern fork	**Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082	Annually for sediment	Sediment is sampled annually to track COC concentrations. Fish are sampled every three years to track COC changes in fish tissues and benthic macroinvertebrates.
TMC-2	Downstream of Landfill 5 tributary	**Sediment:** Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010		
TMC-3	Crossgradient of Landfill 6 (downstream of Landfill 5)	**Sediment:** PCBs/SW8082,		
TMC-4	Downstream of Base Boundary In TMC Pond	**Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010		
TMC-5	Downstream of Base Boundary In TMC Pond	**Sediment:** SVOCs/SW8270, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010		

Table 2-2 (Continued)
Three Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
TMC-1 TMC-2 TMC-3 TMC-4 TMC-5	Upstream, northern fork Downstream of Landfill 5 tributary Crossgradient of Landfill 6 Downstream of Base Boundary In TMC Pond	**Fish:** Cadmium/SW6010, Mercury/SW7471, Pesticides/SW8081, PCBs/SW8082, % lipid.	Every three years for fish tissue sampling and qualitative benthic community evaluation	Sediment is sampled annually to track COC concentrations. Fish are sampled every three years to track COC changes in fish tissues and benthic macroinvertebrates.
TMC-6 TMC-7	Upstream, southern fork Landfill 5 tributary	**Sediment:** SVOCs/SW8270, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010	Annually for sediment.	Sediment is sampled annually to track COC concentrations.
Currently Recommended LTM Sampling Network Changes				
Removed Sampling Analysis				
TMC-1 TMC-3 TMC-7	Upstream, northern fork Crossgradient of Landfill 6 Landfill 5 tributary	**Sediment:** Mercury/SW7471 Cadmium/SW6010	Annually for sediment.	Remove mercury and cadmium analysis. Analytes not detected above criteria for two consecutive annual rounds.
TMC-3 TMC-5 TMC-6 TMC-7	Crossgradient of Landfill 6 In TMC Pond Upstream, southern fork Landfill 5 tributary	**Sediment:** Pesticides/SW8081		Remove Pesticides analysis. Analytes not detected above criteria for two consecutive annual rounds.
TMC-2 TMC-3	Downstream of Landfill 5 tributary Crossgradient of Landfill 6	**Sediment:** SVOCs/SW8270		Remove SVOCs analysis. Analytes not detected above criteria for two consecutive annual rounds.

Table 2-2 (Continued)
Three Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
July 2011				
Removed Sampling Analysis				
TMC-1 TMC-2 TMC-3 TMC-4 TMC-5	Upstream, northern fork Downstream of Landfill 5 tributary Downstream of Landfill 5, cross gradient of Landfill 6 Downstream of Base Boundary In TMC Pond	**Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010	Annually for sediment.	Remove surface water sampling as COCs at the site are associated with creek sediments. Surface water at TMC will be further evaluated under the Landfill 5 and 6 LTM networks.
		Fish: Cadmium/SW6010, Mercury/SW7471, Pesticides/SW8081, PCBs/SW8082, % lipid.	Every three years for fish tissue sampling and qualitative benthic community evaluation	
TMC-6 TMC-7	Upstream, southern fork Landfill 5 tributary	**Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, Mercury/SW7471 Cadmium/SW6010	Annually for sediment.	

Table 2-2 (Continued)
Three Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
March 2010				
Analysis / Frequency Change				
TMC-1 TMC-2 TMC-3 TMC-4 TMC-5	Upstream, northern fork Downstream of Landfill 5 tributary Downstream of Landfill 5, cross gradient of Landfill 6 Downstream of Base Boundary In TMC Pond	**Surface Water and Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082, **Sediment (only):** Mercury/SW7471 Cadmium/SW6010	Annually for sediment and surface water.	Remove VOC/SW8260 analysis from the surface water and sediment sampling. No VOC exceedances were detected in any sample during the four consecutive sampling rounds. Remove Metals/SW6010 analysis from the surface water and sediment sampling. All metals detections and exceedances are attributed to background conditions (Volume 1 of Remedial Investigation/Background Information – December, 1996). Keep mercury/ SW7471 and cadmium/ SW6010 analysis for sediment sampling due to fish tissue detections.
		Fish: Cadmium/SW6010, Mercury/SW7471, Pesticides/SW8081, PCBs/SW8082, % lipid.	Every three years for fish tissue sampling and qualitative benthic community evaluation	
TMC-6 TMC-7	Upstream, southern fork Landfill 5 tributary	**Surface Water and Sediment:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082 Mercury/SW7471	Annually for sediment and surface water.	

Table 2-2 (Continued)
Three Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
March 2010				
Removed Sampling Location				
TMC-8	Wetland adjacent to TMC and south of Landfill 5	**Surface Water and Sediment:** SVOCs/SW8270, Metals/SW6010, Pesticides/SW8081, PCBs/SW8082		Little or no exceedances have been reported for these sampling locations and all are attributable to lab contaminants, background conditions or are minor exceedances related to localized conditions not influencing the creek.

Table 3-1
Six Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value (µg/Kg) [1]	SMC-4									
Sample ID		RI Results (SMCSD-13)	SMCSD0401AA	SMCSD0401BB	SMCSD0401CA	SMCSD0401DA	SMCSD0401EA	SMCSD0401FA	SMCSD0401GA	SMCSD0401HA	
Date of Collection		5/14/1994	10/20/2004	11/30/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009	10/27/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	
PCBs (µg/Kg)											
Aroclor 1248	15.96 [3]	-	54	9.9 F	U	U	U	U	U	U	
Aroclor 1254	15.96 [3]	U	61	52	67.1	120 J♦	14.5 F ♦	72.7	U	U	
Aroclor 1260	5	-	U	19 F	U	U	U	U	U	U	

For Notes, refer to the end of Table 4-2.

Table 3-1
Six Mile Creek Sediment Sampling Results

Sample Location	Most Stringent Ecological Screening Value (µg/Kg) [1]	SMC-5									
Sample ID		RI Results (SMCSD-14)	SMCSD0501AA	SMCSD0501BB	SMCSD0501CA	SMCSD0501DA	SMCSD0501EA	SMCSD0501FA	SMCSD0501GA	SMCSD0501HA	
Date of Collection		5/14/1994	10/20/2004	11/30/2005	10/17/2006	10/17/2007	11/24/2008	10/1/2009	10/27/2010	9/6/2011	
Sample Depth (ft TOIC)		0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	0-0.5	
PCBs (µg/Kg)											
Aroclor 1248	15.96 [3]	-	U	U	U	U	U	U	U	UJ	
Aroclor 1254	15.96 [3]	84 J	24 F	U	U	92.6	U	U	50.2	UJ	
Aroclor 1260	5	-	U	U	19.4 F	U	U	U	U	UJ	

For Notes, refer to the end of Table 4-2.

Table 3-2
Six Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Future LTM Sampling Network – Including All Recommended Changes				
SMC-5	Downgradient, FSS Location	**Sediments:** PCBs/SW8082	Annually for sediment.	Sediment samples at SMC-5 will be sampled for the identical analyses as SMC-11 to monitor potential downgradient contamination migration.
Currently Recommended LTM Sampling Network Changes				
Removed LTM Sampling Locations				
SMC-4	Downgradient, FSS Location	**Sediments:** PCBs/SW8082		Remove SMC-4 as no Contaminants of Concern have been detected for two consecutive annual sampling events.

Table 3-2 (Continued)
Six Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
July 2011				
Removed LTM Sampling Locations				
SMC-1 SMC-2	Upgradient, FSS Location Downgradient, FSS Location	**Surface Water:** VOCs/SW8260 **Sediments:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082 **Fish:** PCBs/SW8082, % lipid.		Remove SMC-1 as no upgradient sources have been identified in several rounds. Remove SMC-2 as surface water is sampled under the LF001 LTM network and no contamination has been identified in sediment or fish tissue samples in several rounds.
Removed Analysis				
SMC-4 SMC-5	Downgradient, FSS Location Downgradient, FSS Location	**Fish:** PCBs/SW8082, % lipid.		Discontinue fish tissue sampling. PCB detections have never been above NYSDOH Fish Advisory Guidelines. Fish tissue sampling is also recommended to stop to promote trout propagation in the creek. The Benthic community will also be assessed in 2012 and 2014 and will provide a water quality assessment.

Table 3-2 (Continued)
Six Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
July 2011				
Removed Analysis				
SMC-4 SMC-5	Downgradient, FSS Location Downgradient, FSS Location	**Sediments:** SVOCs/SW8270, Pesticides/SW8081		SVOCs were detected under NYS criterion for two consecutive sampling rounds at SMC-5. SVOCs were detected under NYS criterion for one sampling round at SMC-4. It is believed at the spike in 2009 is a result of an influx of runoff from adjacent sites including a large distribution warehouse. Therefore, it is recommended to remove SVOC analysis. Pesticides were detected under NYS criterion for two consecutive sampling rounds at SMC-4 and -5.
March 2010				
Removed Sampling Location				
SMC-11	Crossgradient, SS Location	**Surface Water:** VOCs/SW8260 **Sediments:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082		The sampling location has been eliminated as a result of the culverting of Rainbow Creek.

Table 3-2 (Continued)
Six Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
October 2008				
Analysis/Frequency Changes				
SMC-1R	Upgradient, FSS Location	**Surface Water:** VOCs/SW8260 **Sediments:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082	Annually for sediment and surface water.	The list of analytes is identical to locations SMC-4 and SMC-5 to allow results comparisons.
		Fish: PCBs/SW8082, % lipid.	Every three years for fish and benthic macroinvertebrates.	
SMC-2	Crossgradient, FSS Location	**Fish:** PCBs/SW8082, % lipid.	Every three years for fish and benthic macroinvertebrates.	Little or no exceedances have been reported for these sampling locations and all are attributable to lab contaminants, background conditions or are minor exceedances related to localized conditions not influencing the creek. Fish sampling results did not show any exceedances, but need to be confirmed with one additional sampling round.

Table 3-2 (Continued)
Six Mile Creek LTM Network Summary

Sampling Locations	Sampling Rationale	Sample Medium/ Target Analytes/ Method Numbers	Sampling Frequency	Evaluation Criteria/ Modification Justification
Historical LTM Sampling Network Changes				
October 2008				
Analysis/Frequency Changes				
SMC-4 SMC-5	Downgradient, FSS Location Downgradient, FSS Location	**Surface Water:** VOCs/SW8260 **Sediments:** SVOCs/SW8270, Pesticides/SW8081, PCBs/SW8082	Annually for sediment and surface water.	Surface water VOC exceedances were reported in SMC-4 and 5. Sediment samples at SMC-4 and -5 will be sampled for the identical analyses as SMC-11 to monitor potential downgradient contamination migration.
		Fish: PCBs/SW8082, % lipid.	Every three years for fish and benthic macroinvertebrates.	PCB exceedances were reported in all fish samples at both sampling locations.
Removed Sampling Locations				
SMC-3	Crossgradient, FSS Location	**Surface Water and Sediment:** VOCs/SW8260, SVOCs/SW8270, Metals/SW6010, Pesticides/SW8081, PCBs/SW8082	Annually for sediment and surface water.	Little or no exceedances have been reported for these sampling locations and all are attributable to lab contaminants, background conditions or are minor exceedances related to localized conditions not influencing the creek.
		Fish: Cadmium/SW6010, Mercury/SW7471, Pesticides/SW8081, PCBs/SW8082,% lipid.	Every three years for fish and benthic macroinvertebrates.	Fish sampling results did not show any exceedances.

DATA QUALIFIERS

Sediment:

B – Result is a positive value; however, the analyte was detected in an associated blank above the RL.

F – The analyte was positively identified above the MDL, however, the concentration is below the RL.

FM – The analyte was positively identified above the MDL, however, the concentration is below the RL and a matrix effect was present.

J – The analyte was positively identified, but the quantitation is an estimation.

M – A matrix effect was present.

NA – not analyzed

R – The data was rejected because QA/QC criteria were not met during the analysis.

U – The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

UJ – The analyte was analyzed for, but not detected. The quantitation is an approximation.

UM – The analyte was analyzed for, but not detected. A matrix effect was present.

BHC –hexachlorocyclohexane

1 – This value is the most stringent criterion for ecological endpoints derived from Table 2-3a in the Final Three Mile Creek Feasibility Study Addendum (E&E, July 2002).

2 – The most stringent criterion for metals have been derived from Table 2 in Technical Guidance for Screening Contaminated Sediments (NYSDEC, January 1999).

- – This analyte was not sampled for in the 1993/4 RI.

-- – No most stringent ecological screening value is known for this compound.

 – Indicates an exceedance of the Most Stringent Ecological Screening Value.

Fish Tissue:

F – The analyte was positively identified above the MDL, however, the concentration is below the RL.

J – The analyte was positively identified, but the quantitation is an estimation.

U – The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL.

UJ – The analyte was analyzed for, but not detected. The quantitation is an approximation.

UM – The analyte was analyzed for, but not detected. A matrix effect was present.

1 – The PCB piscivorous wildlife criterion of 110 ppb applies to the sum of all PCB congeners.

2 – The PCB fish advisory guideline of 2,000 ppb applies to the sum of all PCB congeners.

3 – The chlordane fish advisory guideline of 300 ppb applies to the sum of all chlordane compounds.

4 – The DDT fish advisory guideline of 5,000 ppb applies to the sum of all DDT, DDE, and DDD compounds.

5 – The aldrin fish advisory guideline of 300 ppb applies to the sum of all aldrin/dieldrin compounds.

6 – The endrin fish advisory guideline of 300 ppb applies to the sum of all endrin/ endrin aldehyde compounds.

7 – The heptachlor fish advisory guideline of 300 ppb applies to the sum of all heptachlor/ heptachlor epoxide compounds.

- – No piscivorous wildlife criterion or fish advisory guideline is available.

* – OF is offal sample, WF is whole fish, HG is offal-and-head, CC is creek chub, and WS is white sucker.

 – Indicates an exceedance of the NYSDOH Fish Advisory Guidelines and/or the NYSDEC Pisc. Wildlife Criteria.

FIGURES

Six Mile Creek

Six Mile Creek

Three Mile Creek

New York State Barge Canal

Site Location

Legend

- Pond/Canal
- Landfill
- Creek/Culvert
- Airfield/Road
- Air Force Boundary

N

600 300 0 600 1,200

Feet

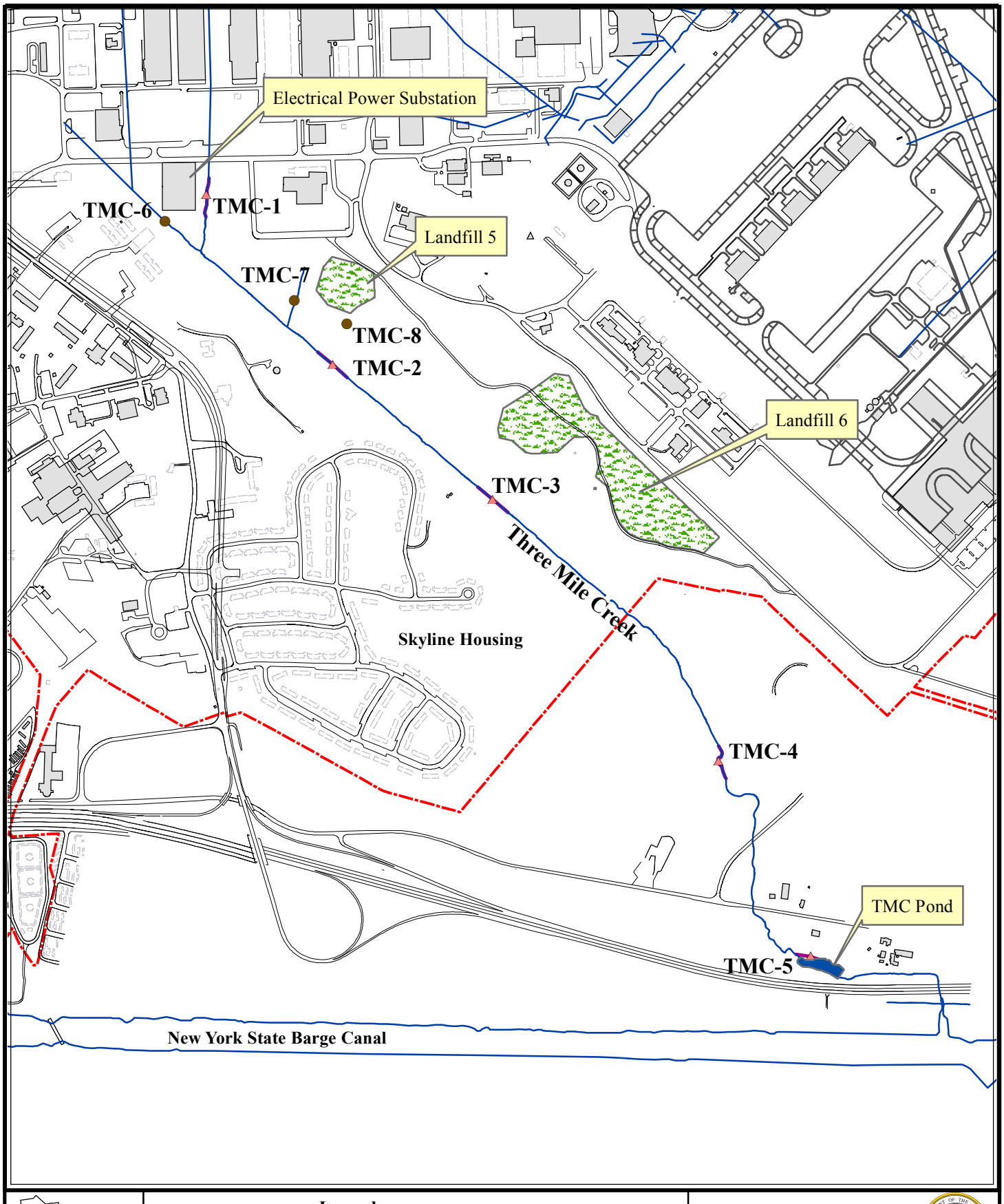
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FORMER GRIFFISS AIR FORCE BASE
ROME,NEW YORK

Figure 1-1
Three Mile Creek and
Six Mile Creek Locations

FPM Remediations, Inc

CAPE

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Site Location

Legend

- Demolished Building
- Existing Building
- Landfill
- Suface Water/Sediment Sample Location
- Suface Water/Sediment/Fish/Benthic Sample Location
- Surface Water
- Airfield/Road
- Air Force Boundary
- Fish Sampling Stretch

N

300 150 0 300 600
Feet

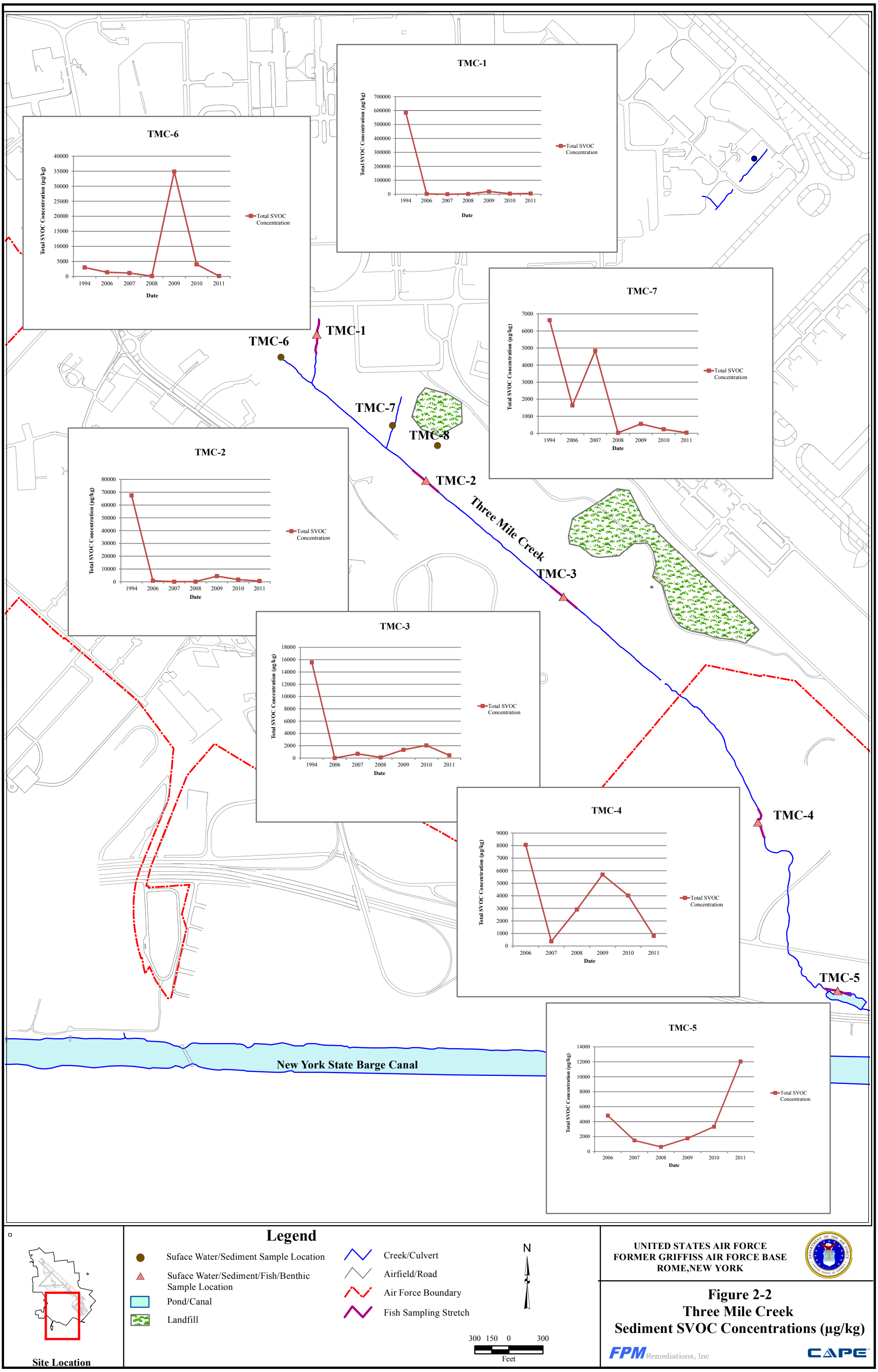
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ROME,NEW YORK

Figure 2-1
Three Mile Creek
Sampling Locations

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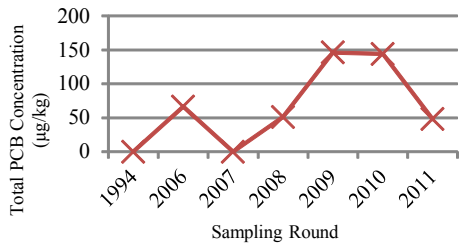
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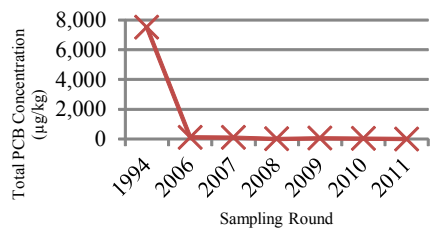
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TMC-1	
1994 RI	ND
Fall 2006	66.5
Fall 2007	ND
Fall 2008	51.2
Fall 2009	146
Fall 2010	144
Fall 2011	48 J



TMC-6	
1994 RI	ND
Fall 2006	8.75 F
Fall 2007	ND
Fall 2008	ND
Fall 2009	ND
Fall 2010	ND
Fall 2011	21 J

TMC-7	
1994 RI	7,500 J
Fall 2006	115
Fall 2007	101
Fall 2008	7.97 F
Fall 2009	54.7
Fall 2010	28.3
Fall 2011	ND



TMC-6

TMC-1

TMC-7

TMC-8

TMC-2

Three Mile Creek

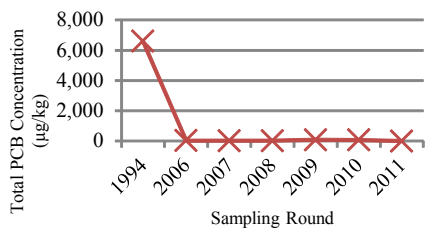
TMC-3

TMC-4

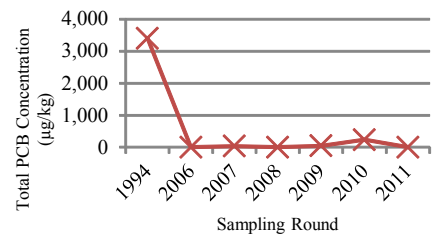
TMC-5

New York State Barge Canal

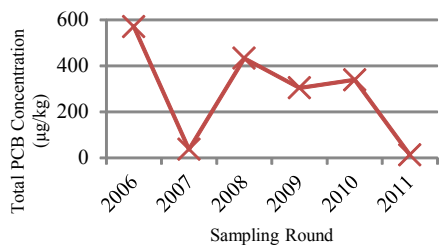
TMC-2	
1994 RI	6,600
Fall 2006	28.5 F
Fall 2007	16.7
Fall 2008	13.2 F
Fall 2009	84
Fall 2010	71.7
Fall 2011	ND



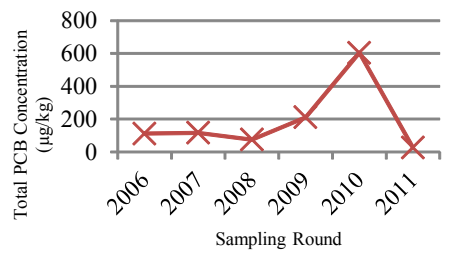
TMC-3	
1994 RI	3,400
Fall 2006	ND
Fall 2007	38.1
Fall 2008	3.76 F
Fall 2009	47.5
Fall 2010	234
Fall 2011	ND

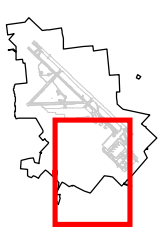


TMC-4	
1994 RI	NS
Fall 2006	570
Fall 2007	37.1
Fall 2008	433
Fall 2009	304
Fall 2010	339
Fall 2011	12 J



TMC-5	
1994 RI	NS
Fall 2006	111
Fall 2007	116
Fall 2008	74.6
Fall 2009	211
Fall 2010	604 J
Fall 2011	27 J





Site Location

Legend

- Suface Water/Sediment Sample Location
- Suface Water/Sediment/Fish/Benthic Sample Location
- Pond/Canal
- Landfill
- Creek/Culvert
- Airfield/Road
- Air Force Boundary
- Fish Sampling Stretch

ND - not detected
NS - indicates that a sample was not collected
PCB concentrations in µg/Kg

N

300 150 0 300
Feet

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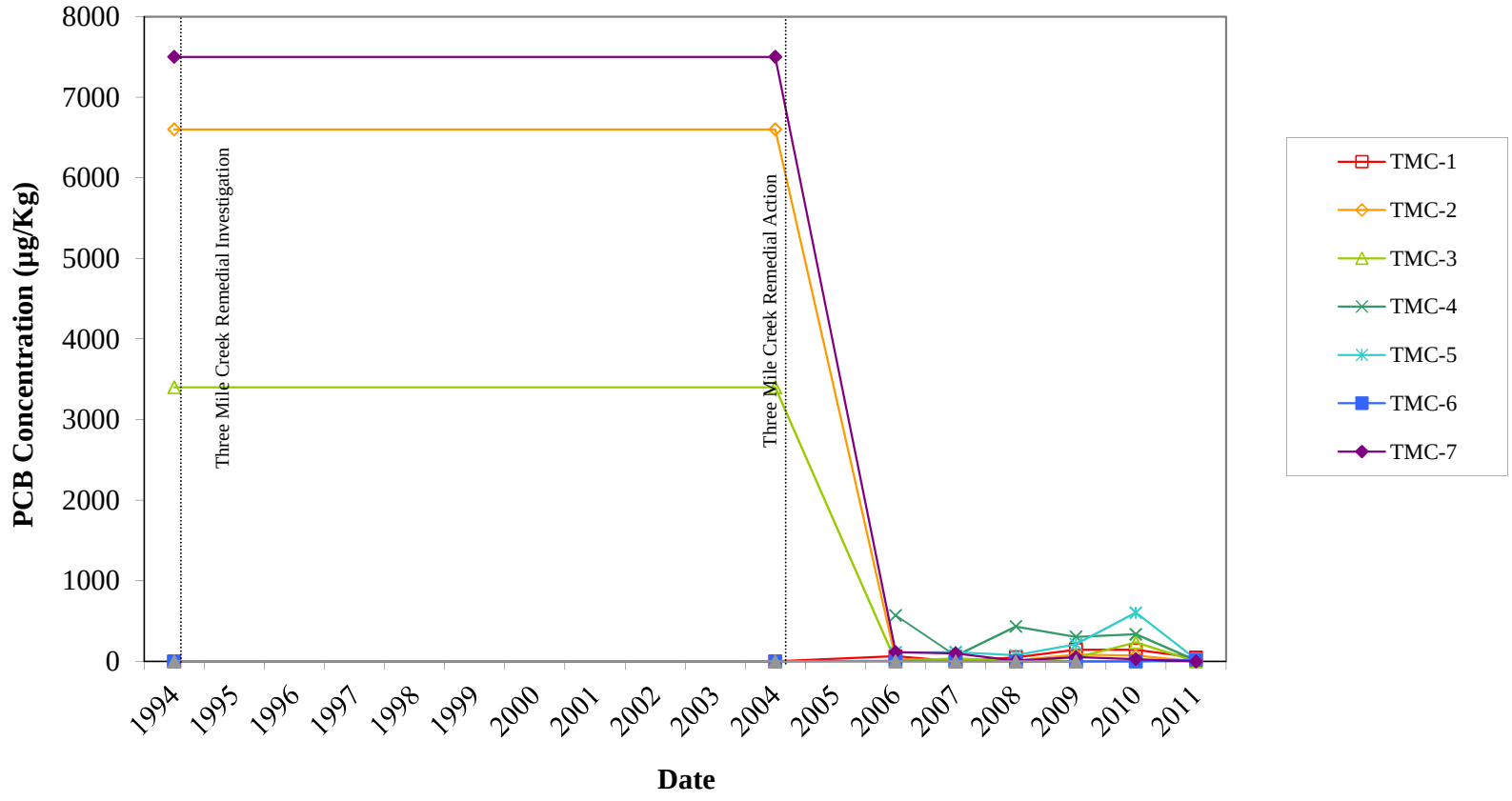
Figure 2-3
Three Mile Creek
Sediment PCB
Concentrations (µg/kg)

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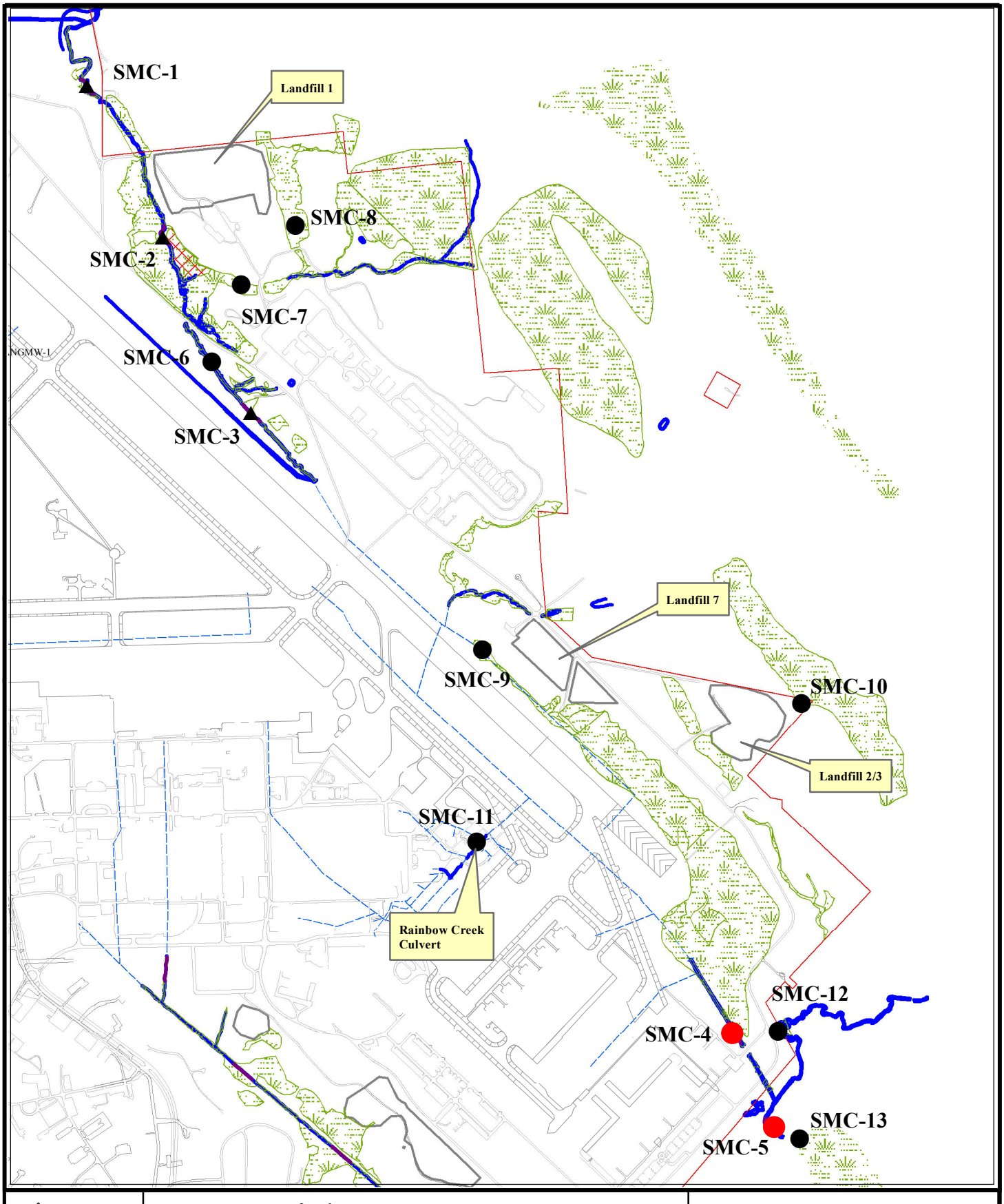
CAPE

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Figure 2-4
Three Mile Creek Sediment PCB Concentration Trends



Note: Sampling Locations TMC-4 and TMC-5 were not sampled during the 1993/94 RI.



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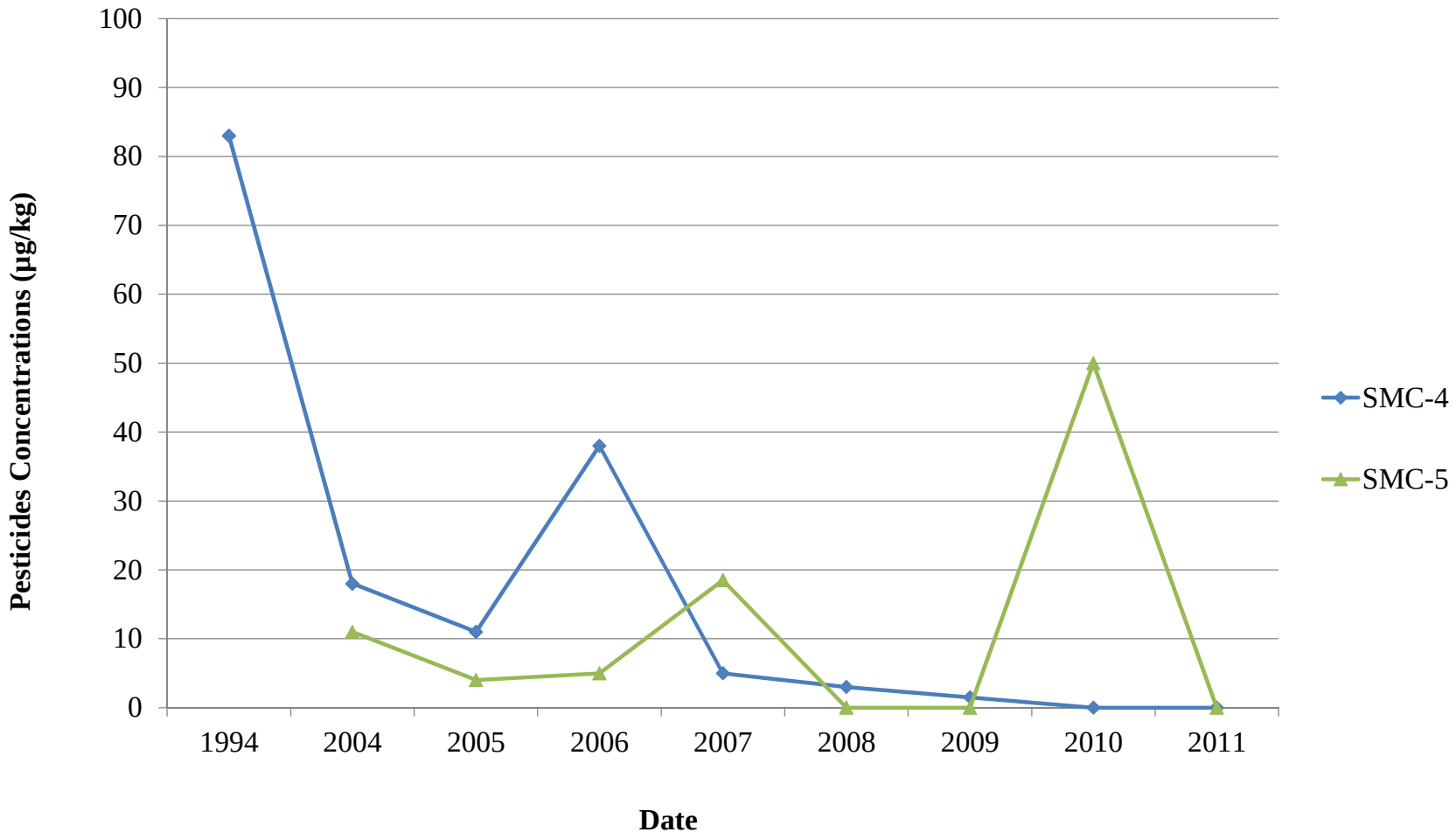
Figure 3-1
Six Mile Creek Sampling Locations

FPM Remediations, Inc

CAPE

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Figure 3-2
Six Mile Creek Sediment PCB Concentration Trends



APPENDIX A

Daily Chemical Quality Control Reports

Daily Chemical Quality Control Report

Project/Delivery Order Number: FA8903-10-D-8595-0014 Date: 09/06/11

Project Name/Site Number: Griffiss Creek AOC LTM sampling (SD031 – Three Mile Creek and SD032 – Six Mile Creek sites).

Weather conditions: Average temperature: 66 Average barometric reading: 30.10
Wind direction and speed: North 6 mph
Significant wind changes: none.

General description of tasks completed: Sediment sampling with dutch auger at SD031 (TMC-1, -2, -3, -4, -5, -6, and -7) and at SD032 (SMC-4 and -5).

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None.

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None.

Corrective actions taken or instructions obtained from AFCEE personnel: No corrective actions necessary.

Sampling shipment completed: √ Yes □ No Test America Courier.

DCQCR Prepared by: Daniel Baldyga, FPM, Technical Lead Date: September 6, 2011

CQCC Signature:_____ Date: _____

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs)
	✓ Daily Health and Safety Meeting Form

Daily Chemical Quality Control Report

Project/Delivery Order Number: FA8903-10-D-8595-0014 Date: 09/06/11

Project Name/Site Number: Griffiss Petroleum Spill Site LTM sampling (SS070-Building 150).

Weather conditions: Average temperature: 66 Average barometric reading: 30.10
Wind direction and speed: North 6 mph
Significant wind changes: none.

General description of tasks completed: Bailer sampling at SS070 (150MW-2, -3, and -4).

Explain any departures from the SAP or deviations from approved procedures during the day's field activities: None.

Explain any technical problems encountered in the field or field equipment/field analytical instrument malfunction: None.

Corrective actions taken or instructions obtained from AFCEE personnel: No corrective actions necessary.

Sampling shipment completed: √ Yes □ No Test America Courier.

DCQCR Prepared by: Daniel Baldyga, FPM, Technical Lead Date: September 6, 2011

CQCC Signature:_____ Date:_____

ATTACHMENTS:

Checklist	Daily Chemical Quality Control Report Attachments
	✓ Field sampling forms
	✓ Equipment Calibration Log
	✓ Copies of COCs
	✓ SDG Table (See accompanying COCs)
	✓ Daily Health and Safety Meeting Form

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / JW

Site and Site Code (**SITEID**): TMC

Sampling Location ID. (**LOCID**): TMCSW-13 (TMC-1)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

Cad / mercury = 4 oz

PCBs / SVOCs / Pest = 8 oz

Sample Time: 1300 Sample ID: TMCSD0101FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-16-01 Sampled by: [redacted]/JW

Site and Site Code (**SITEID**): TMC

Sampling Location ID. (**LOCID**): TMCSW-903 (TMC-2)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

cad/mer = 4oz

PCBs, SOCs, Pest = 8oz

Sample Time: 1400 Sample ID: TMCSD0201FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / JW

Site and Site Code (**SITEID**): TMC

Sampling Location ID. (**LOCID**): TMCSW-902 (TMC-3)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

cnd / mer = 402

PAHs / SVOCs / Pest = 802

Sample Time: 1420 Sample ID: TMCSD0301FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / JW

Site and Site Code (**SITEID**):

Sampling Location ID. (**LOCID**): RV-TMCFSS-4 (TMC-4)

Date (**LOGDATE**): 9/6/11 Time:

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	Sand

Comments/Observations:

cad / mer = 4 oz

PCBs / SVOCs / Pest = 8 oz

Sample Time: 1250 Sample ID: TMCSD0401FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: OB / JW

Site and Site Code (**SITEID**): TMC / SD031

Sampling Location ID. (**LOCID**): RV-TMCFSS-5 (TMC-5)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	sand / mucky on top

Comments/Observations:

cad / mer = 4oz

PCBs / SVOCs / Pest = 8oz

Sample Time: 1230 Sample ID: TMCSD0501FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB/SW

Site and Site Code (**SITEID**): TMC

Sampling Location ID. (**LOCID**): TMCSW-14 (TMC-6)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

cad/mer = 4oz

PCBs/Pest/SVOCs = 8oz

Sample Time: 1320 Sample ID: TMCSD0601EA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB/JW

Site and Site Code (**SITEID**): TMC (SD031)

Sampling Location ID. (**LOCID**): RV-TMCSS-7 (TMC-7)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

sand /mica = 4oz

PCBs/OCPs/Pest = 8oz

Sample Time: 1345 Sample ID: TMCSD0701 FA

SOIL / SEDIMENT SAMPLING FORM

Project: 1015.-11-01 Sampled by: DB / JW

Site and Site Code (**SITEID**): SMC (SD032)

Sampling Location ID. (**LOCID**): SMCSD-13 (SMC-4)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	Sandy

Comments/Observations:

Sample Time: 1500 Sample ID: SMCSD04011HA

HC

SOIL / SEDIMENT SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / JW

Site and Site Code (**SITEID**): SMC (SD032)

Sampling Location ID. (**LOCID**): SMCSD - 14 (SMC-5)

Date (**LOGDATE**): 9/6/11 Time: _____

FIELD OBSERVATIONS:

Sample Depth or Interval	Material Description/ Color
0.5 ft	

Comments/Observations:

Sample Time: 1445 Sample ID: SMCSD 0501 HA

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#:_272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB Three Mile Creek (SD031) Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441
Carrier: Test America courier.	Sampler Signature:	Phone: (315) 336-7721 Ext. 207

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SBD/SED	# of Containers	SVOCs, PCBs, Pest. note 2 8 oz glass jar	cadmium, mercury note 3 4 oz glass jar	Comments
TMCSD0101FA	TMCSW-13	9/6	1300	SE	G	N	0/0.5	2	1	1	
TMCSD0201FA	TMCSW-903	9/6	1400	SE	G	N	0/0.5	2	1	1	
TMCSD0301FA	TMCSW-902	9/6	1420	SE	G	N	0/0.5	2	1	1	
TMCSD0401FA	RV-TMCFSS-4	9/6	1250	SE	G	N	0/0.5	2	1	1	
TMCSD0501FA	RV-TMCFSS-5	9/6	1230	SE	G	N	0/0.5	2	1	1	
TMCSD0601FA	TMCSW-14	9/6	1320	SE	G	N	0/0.5	2	1	1	
TMCSD0701FA	RV-TMCSS-7	9/6	1345	SE	G	N	0/0.5	2	1	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)

Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.

Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.

Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/1/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date:
Company Name: FPM	Time: 1030	Company Name: TAL SAC	Time: 1241	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
SE = Sediment

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _2_ SDG#: _272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB Six Mile Creek (SD032) Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441
Carrier: Test America courier.	Sampler Signature:	Phone: (315) 336-7721 Ext. 207

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SBD/SED	# of Containers	VOCs note 1 4 oz glass jar	VOCs note 1 40 mL vial	PCBs note 2 8 oz glass jar	Comments
SMCSD0401HA	SMCSD-13	9/6	1500	SE	G	N	0/0.5	1	-	-	1	
SMCSD0401HC	SMCSD-13	9/6	1500	SE	G	FD	0/0.5	1	-	-	1	
SMCSD0501HA	SMCSD-14	9/6	1445	SE	G	N	0/0.5	1	-	-	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)

Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.

Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.

Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/6/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date:
Company Name: FPM	Time: 1030	Company Name: TACSES	Time: 1210	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water
SE = Sediment

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

WELL PURGING & SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / SW

Location and Site Code (**SITEID**): ~~WL-150MW-2~~ DB B150

Well No. (**LOCID**): WL-150MW-2 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 9/6/11 Weather: 70° / Sun

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

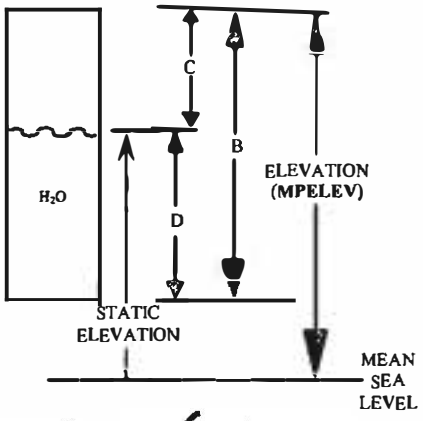
Measured Well Depth (B) (**TOTDEPTH**) 15.24 ft.

Measured Water Level Depth (C) (**STATDEP**) 23.51 ft.

Length of Static Water Column (D) = ____ (B) - ____ (C) = 8.27 (D) ft.

Casing Water Volume (E) = ____ (A) x ____ (D) = 1.3 gal

Minimum Purge Volume = 4.5 gal (3 well volumes)



Purge Date and Method: Bailer / 9/6/11

Physical Appearance/Comments: silty brown / no odor

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0957	1	5.97	0.312	17.29	384	11.84	71
0954	2	6.00	0.327	15.49	479	3.44	73
0956	3	6.05	0.329	14.87	411	8.95	85
0958	4	6.06	0.331	14.77	672	10.95	103
1000	5	6.07	0.330	14.81	499	10.56	114

Sample Time: 1000 Sample ID: 150M0215CA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 1015-11-01 Sampled by: DB / JN

Location and Site Code (SITEID): 150

Well No. (LOCID): WL-150MW-3 Well Diameter (SDIAM): 2"

Date (LOGDATE): 9/6/11 Weather: 70 / sun

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

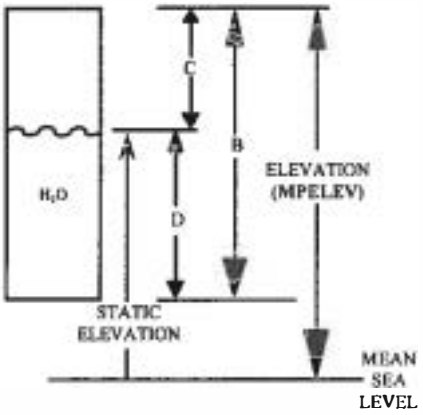
Measured Well Depth (B) (TOTDEPTH) 15.27 ft.

Measured Water Level Depth (C) (STATDEP) 22.03 ft.

Length of Static Water Column (D) = ____ (B) - ____ (C) = 6.76 (D) ft.

Casing Water Volume (E) = ____ (A) x ____ (D) = 1.08 gal

Minimum Purge Volume = 4.10 gal (3 well volumes)



Purge Date and Method: Bailer / 9/6/11

Physical Appearance/Comments: silty brown / no odor

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1015	0.75	6.21	0.289	15.01	>999	2.66	169
1016	1.50	6.16	0.286	14.87	>999	9.57	171
1018	2.25	6.22	0.285	14.88	>999	7.88	173
1019	3.0	6.25	0.286	14.89	>999	9.61	173
1021	3.75	6.27	0.286	14.76	>999	9.93	178
1024	4.5	6.27	0.283	14.73	>999	10.03	178

Sample Time: 1025 Sample ID: 150M0315CA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: 1015-11-01 Sampled by: DB/JW

Location and Site Code (**SITEID**): 150

Well No. (**LOCID**): WL-150MW-4 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 9/6/11 Weather: 70 / sun

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

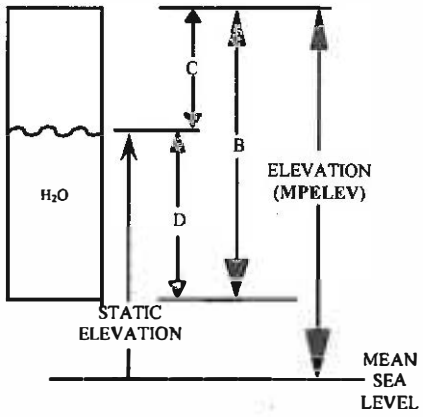
Measured Well Depth (B) (**TOTDEPTH**) 21.85 ft.

Measured Water Level Depth (C) (**STATDEP**) 15.22 ft.

Length of Static Water Column (D) = ____ (B) - ____ (C) = 6.63 (D) ft.

Casing Water Volume (E) = ____ (A) x ____ (D) = 1.06 gal

Minimum Purge Volume = 3.18 gal (3 well volumes)



Purge Date and Method: Bailer / 9/6/11

Physical Appearance/Comments: silty brown / no odor

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1036	1	6.52	0.279	14.10	>999	11.63	183
1038	2	6.48	0.279	14.04	>999	10.73	188
1040	3	6.47	0.282	13.89	>999	10.09	191
1042	4	6.46	0.282	13.87	>999	10.34	194

Sample Time: 1045 Sample ID: 150M0415CA

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

CHAIN OF CUSTODY RECORD

COC#: _3_ SDG#: _272_ Cooler ID: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB B150 Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441 Phone: (315) 336-7721 Ext. 207
Carrier: Test America courier.	Sampler Signature:	

Analyses Requested

Field Sample ID	Location ID (LOCID)	Date 2011	Time	MATRIX	SMCODE	SBD/SED	SACODE	No. of Containers	VOCs Note 1 40 mL glass vial	SVOCs Note 2 1 L amber glass	Comments
150M0215CA	WL-150MW-02	9/6	1000	WG	B	0/0	N	5	3	2	
150M0315CA	WL-150MW-03	9/6	1025	WG	B	0/0	N	5	3	2	
150M0415CA	WL-150MW-04	9/6	1045	WG	B	0/0	N	5	3	2	
090611CE	FIELDQC	9/6	1145	WQ	B	0/0	EB	5	3	2	
090611CR	FIELDQC	9/6	0900	WQ	NA	0/0	TB	2	2	-	
090611CF	FIELDQC	9/6	1200	WQ	NA	0/0	AB	3	3	-	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Note 1: VOCs: method SW 8260 (AFCEE QAPP 4.0 List).

Note 2: SVOCs: method SW 8270 (AFCEE QAPP 4.0 List).

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Dan Baldygya	Date: 9/6/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date:
Company Name: FPM Remediations	Time: 1030	Company Name:	Time: 1200	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike

Daily Health and Safety Meeting Form

Date: 9/6/2011 *Time Start:* 800

Time End: 805

Location: FPM Remediations office

Weather Conditions: sun / 70

Meeting Type: Health and Safety

Personnel Present: Dan Baldyga and Josh Wenzel

Visitors Present: ✓

Visitor Training: ✓

PPE Required: waders / DB gloves

Possible risks, injuries, concerns: PCBs in sediment, drowning, biological hazards (bees / poisonous plants), falling

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented): None

Daily Health and Safety Meeting Form (Page 2)

Property Damage: X None

Description (include sequence of events describing step by step how incident happened):

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO)

Report made by (Name): Ian Baloyan

SSHP Organization Title: Health and safety officer

APPENDIX B

Validated Lab Data

FPM Remediations
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
Site Griffiss AFB LTM Annual Sampling
Sediment Sampling
Contract No. FA8903-10-D-8595, Delivery Order No. 0014

FPM Project No. 1015-11-01

TestAmerica Job # 280-20042-1

Laboratory:	TestAmerica Laboratories, Inc.
Sample Matrix:	Sediment
Number of Samples:	7
Analytical Protocol:	DOD QSM, version 4.2, as per project-specific UFP QAPP
Data Reviewer:	Connie van Hoesel
Sample Date:	September 6, 2011

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	QC Samples	Date
TMCSD0101FA	9/6/11		
TMCSD0201FA	9/6/11		
TMCSD0301FA	9/6/11		
TMCSD0401FA	9/6/11		
TMCSD0501FA	9/6/11		
TMCSD0601FA	9/6/11		
TMCSD0701FA	9/6/11		

Notes:
Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
FA – Primary environmental samples

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included SW-846: Semivolatile Organic Compounds by Method SW8270, Pesticides by Method SW8081A, Polychlorinated Biphenyls (PCBs) by Method SW8082, Cadmium by Method SW6010B and Mercury by Method SW7471A.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed, as applicable and available:

- Method detection limits and reporting limits (MDL, RL)
- Holding times, sample preservation and storage
- MS tune performance
- Initial and Continuing calibration summaries
- Second source calibration verification summary
- Method blanks
- Ambient, equipment, and trip blanks (as applicable)
- Field duplicate results
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between MDL and RL (F-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification

- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

MISSING SAMPLES

None. All samples documented on the chain of custody were received by the laboratory.

SAMPLE LABELING

No problems were encountered with sample labeling and transcription to laboratory forms.

BLANKS

Whenever blanks, including method, ambient, equipment, and trip, contained low levels of contaminants (between MDL and RL), the laboratory and/or data verifier qualified the subject results with an "F" flag. Since no qualification of associated field samples are required for blanks less than half the RL, no further action was taken in such instances.

MS/MSD

For SVOCs, the lab performed matrix spike and matrix spike duplicate samples for parent sample TMCSD0201FA. However, these samples were not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

For pesticides, the lab performed matrix spike and matrix spike duplicate samples for parent samples TMCSD0101FA and TMCSD0201FA. However, these samples were not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

For cadmium, the lab performed matrix spike and matrix spike duplicate samples for parent sample TMCSD0101FA. However, these samples were not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

For mercury, the lab performed matrix spike and matrix spike duplicate samples for parent sample TMCSD0701FA. However, these samples were not requested by the client in the chain-of-custody; therefore, no action was taken for the MS/MSD criterion.

SVOCs

- According to the case narrative, the following field samples were analyzed at dilution: TMCSD0101FA (1:4), TMCSD0501FA (1:4) and TMCSD0601FA (1:10). The dilution results only are reported and are used in data verification as representing original results. The case narrative describes that these samples were analyzed at dilution due to sample matrix interference. No corrective action is deemed necessary.

- According to the case narrative, surrogate recoveries could not be calculated accurately in samples TMCSD0101FA, TMCSD0501FA, and TMCSD0601FA due to the surrogate being diluted out (the samples were diluted at least 1:4). According to the case narrative, the dilutions were performed due to sample matrix interference. Because surrogate recoveries in the LCS and associated blanks were acceptable, no further action was deemed required.

- According to the case narrative, due to matrix interference in samples TMCSD0101FA, TMCSD0201FA, TMCSD0301FA, TMCSD0401FA, and TMCSD0501FA, benzo(b)fluoranthene and benzo(k)fluoranthene were unresolved. According to the laboratory case narrative, the combined peak was reported as benzo(b)fluoranthene, and benzo(k)fluoranthene was reported as non-detect, although it may be present.
  Corrective Action: No corrective action is necessary. Using professional judgment, the associated results, flagged "K" by the laboratory, were instead flagged "J" to indicate that the results are estimated.

PESTICIDES

- According to the case narrative, all field samples were analyzed at a dilution of 1:50. The dilution results only are reported and are used in data verification as representing original results. The case narrative describes that these samples were analyzed at dilution due to sample matrix interference. No corrective action is deemed necessary.

- According to the case narrative, surrogate recoveries were below control limits in all samples due to the surrogate being diluted out (the samples were diluted 1:50). According to the case narrative, the dilution was performed due to sample matrix interference. Because surrogate recoveries in the LCS and associated blanks were acceptable, no further action was deemed required.

- Laboratory performance on individual samples is established by means of spiking all samples prior to analysis with surrogate compounds and assessing the percent recoveries. The following table summarizes QC exceedances for samples which exhibited surrogate compound recovery deficiencies. The Sample ID, surrogate compound, percent recoveries, and QC limits are listed.

Sample ID	Surrogate	%Rec	QC Limits (%)	Flag Applied	Rationale
TMCSD0101FA, Primary Column	DCB Decachlorobiphenyl	*0*	55-130	J/UJ	Matrix interference;

Sample ID	Surrogate	%Rec	QC Limits (%)	Flag Applied	Rationale
					TCMX recovery within internal control limits
	TCMX	***68***	70-125	J/UJ	%Rec less than LCL but above 10%; within internal control limits (55-125)
TMCSD0101FA, Secondary Column	DCB Decachlorobiphenyl	***0***	55-130	J/UJ	Matrix interference; TCMX recovery within internal control limits
	TCMX	***47***	70-125	J/UJ	%Rec less than LCL but above 10%; within internal control limits (55-125)
TMCSD0101FA, Primary Column 1:10 DL	DCB Decachlorobiphenyl	***311***	55-130	None	Surrogate diluted out; recovery calculation could not be accurately calculated
	TCMX	***59***	70-125	None	Surrogate diluted out; recovery calculation could not be accurately calculated
TMCSD0101FA, Secondary Column 1:10 DL	DCB Decachlorobiphenyl	***1375***	55-130	None	Surrogate diluted out; recovery calculation could not be accurately calculated
	TCMX	***66***	70-125	None	Surrogate diluted out; recovery calculation could not be accurately calculated
TMCSD0201FA, Primary Column	TCMX	***57***	70-125	None	DCB surrogate recovery within control limits; %Rec within internal control limits (55-125)
TMCSD0301FA, Primary Column	TCMX	***64***	70-125	None	DCB surrogate recovery within control limits; %Rec within internal control limits (55-125)
TMCSD0401FA, Primary Column	TCMX	***62***	70-125	None	DCB surrogate recovery within

Sample ID	Surrogate	%Rec	QC Limits (%)	Flag Applied	Rationale
					control limits; %Rec within internal control limits (55-125)
TMCSD0401FA, Secondary Column	TCMX	*52*	70-125	R	Primary column results used
TMCSD0501FA, Primary Column	TCMX	*59*	70-125	None	DCB surrogate recovery within control limits; %Rec within internal control limits (55-125)
TMCSD0601FA, Primary Column	TCMX	*68*	70-125	None	DCB surrogate recovery within control limits; %Rec within internal control limits (55-125)
TMCSD0601FA, Secondary Column	TCMX	*53*	70-125	R	Primary column results used
TMCSD0601FA, Primary Column 1:10 DL	TCMX	*62*	70-125	None	Surrogate diluted out; recovery calculation could not be accurately calculated
TMCSD0501FA, Primary Column	TCMX	*66*	70-125	None	DCB surrogate recovery within control limits; %Rec within internal control limits (55-125)

If the surrogate recovery is not within DOD limits, corrective action shall be implemented: the sample shall be reextracted and reanalyzed. If the corrective action is ineffective in resolving the exceedance, then all analytes associated with the surrogate in that sample are qualified. As per the QAPP, for samples with recoveries greater than the upper control limit, positive sample results are considered estimated (flagged "J"). For samples with surrogate recoveries greater than 10% but less than the lower control limit, positive results are considered estimated (flagged "J") and non-detect results are considered estimated (flagged "UJ"). For samples with surrogate recoveries less than 10%, the results are rejected for the analytes. However, using professional judgment, no corrective action and/or flagging is required for minimal exceedances (i.e., within 1% of the control limits).

Corrective Action: According to the case narrative, no corrective action was performed for sample TMCSD0101FA, which exhibited surrogate exceedances for both TCMX and DCB Decachlorobiphenyl, since there was obvious matrix interference. Results are flagged "J" to indicate the results are considered estimated. According to the case narrative, the recoveries for TCMX were all within internal control limits for all primary column results, indicating that the method was in control. Since the other surrogate, DCB Decachlorobiphenyl, did meet QC recovery criteria in both columns for all other samples, no flagging was deemed necessary.

- According to the case narrative, in the following continuing calibration verification (CCV), the following analytes exceeded the control limit of ±20%D:

Type of Calibration Exceedance Affected Analytes	%D/ %RSD	QC Limit	Flag Applied	Rationale
CCV 280-87288/46				
4,4'-DDT, Front column	***-25.0***	±20	R	Results from dilution considered usable results (bracketed by CCVs within control limits)
4,4'-DDT, Rear column	***-30.4***	±20	R	Results from dilution considered usable results (bracketed by CCVs within control limits)
Methoxychlor, Rear column	***-21.0***	±20	R	Results from front column considered usable results (bracketed by CCVs within control limits)

Corrective Action: In accordance with the case narrative, results were reported from column bracketed by compliant CCVs. Since both the front and rear columns were non-compliant for 4,4'-DDT, results for this compound only were reported from the dilution result, which was bracketed by compliant CCVs.

- The QAPP requires second column confirmation for organochlorine pesticides, with the exceptions of chlordane and toxaphene. The QAPP specifies that "J" flags are required for results with an RPD greater than 40%, and a "Q" flag for analytes whose detections were not confirmed. The following table lists RPD exceedances for analytes in field samples, along with the associated flags assigned and the rationale pertaining thereto:

Sample ID	Analyte	First Column Result	Second Column Result	RPD	Flag	Rationale
TMCSD0101FA	Endosulfan II	0.68	8.9	***171.5***	J	RPD > 40%, result < RL
	4,4'-DDT	17	9.1	***62.8***	J	RPD > 40%, result < RL
TMCSD0201FA	beta-BHC	5.8	1.9	***101.9***	J	RPD > 40%, result < RL
	Dieldrin	0.63	0.32	***65.7***	J	RPD > 40%, result < RL
TMCSD0401FA	Dieldrin	1.1	0.49	***75.1***	J	RPD > 40%, result < RL
TMCSD0701FA	Heptachlor	1.1	0.66	49.1	J	RPD > 40%, result < RL

Corrective Action: "J" flags were appled to all results since the RPD exceeded 40%. However, "J" flags had already been applied to all results since the reported result was greater than the DL but less than the LOQ.

PCBs

- Laboratory performance on individual samples is established by means of spiking all samples prior to analysis with surrogate compounds and assessing the percent recoveries. The following table summarizes QC exceedances for samples which exhibited surrogate compound recovery deficiencies. The Sample ID, surrogate compound, percent recoveries, and QC limits are listed.

Sample ID	Surrogate	%Rec	QC Limits (%)	Flag Applied	Rationale
TMCSD0101FA, Primary column	DCB Decachlorobiphenyl	*323*	60-125	J	%Rec greater than upper control limit

If the surrogate recovery is not within QC limits, corrective action shall be implemented: the sample shall be reextracted and reanalyzed. If the corrective action is ineffective in resolving the exceedance, then all analytes associated with the surrogate in that sample are qualified. As per the QAPP, for samples with recoveries greater than the upper control limit, positive sample results are considered estimated (flagged "J"). For samples with surrogate recoveries greater than 10% but less than the lower control limit, positive results are considered estimated (flagged "J") and non-detect results are considered estimated (flagged "UJ"). For samples with surrogate recoveries less than 10%, the results are rejected for the analytes. However, using professional judgment, no corrective action and/or flagging is required for minimal exceedances (i.e., within 1% of the control limits).

Corrective Action: According to the case narrative, no corrective action was performed since the surrogate failure was verified as sample matrix effects. The original results shall be flagged in accordance with the qualifiers as discussed above: "J" qualifiers were applied to positive results since the surrogate recovery is greater than the upper control limit.

- The QAPP requires second column confirmation. The QAPP specifies that "J" flags are required for results with an RPD greater than 40%, and a "Q" flag for analytes whose detections were not confirmed. The following table lists RPD exceedances for analytes in field samples, along with the associated flags assigned and the rationale pertaining thereto:

Sample ID	Analyte	First Column Result	Second Column Result	RPD	Flag	Rationale
TMCSD0401FA	PCB-1260	12	19	*45.1*	J	RPD > 40%, result < RL

Corrective Action: "J" flags were appled to all results since the RPD exceeded 40%. However, "J" flags had already been applied to all results since the reported result was greater than the DL but less than the LOQ.

CADMIUM

- An Inductively Coupled Plasma (ICP) Serial Dilution Test (1:5 dilution) is required to be run for each sample matrix that is analyzed for metals, and is applicable only for those analytes

with concentrations greater than 50 times the limit of quantitation (LOQ). The dilution test was performed on sample TMCSD0101FA and indicated the percent difference (%D) between the original result and the five-times (5x) serial dilution result was greater than the QAPP limit of ±10%:

Analyte	Initial Sample Result (mg/kg)	Serial Dilution Result (mg/kg)	% Difference	LOQ (mg/kg)	50 x LOQ	Post-Digestion Spike %Rec
Cadmium	0.18 J	0.56	NC	0.56	28	95

The QAPP also requires that a post-digestion spike addition be performed when the concentration in all samples within the batch were less than 50x the limit of detection (LOD), and the recovery must be within 75-125% of the expected result. The QAPP requires that for all sample results for the specific analytes for all samples associated with the post-digestion spike addition that do not meet the acceptance criteria (i.e., 75-125%), that a "J" be applied to the results, and that they be considered estimated.

Corrective Action: Applying the data qualification approach for the serial dilution result exceedances per the QAPP, the dilution test results are only applicable if the analytes in the original, undiluted sample are reported greater than 50 times the LOQ. Hence, the dilution test results were not applicable. The post-digestion spike recovery was within acceptable control limits, so no corrective action is deemed necessary for this criterion.

MERCURY

- An Inductively Coupled Plasma (ICP) Serial Dilution Test (1:5 dilution) is required to be run for each sample matrix that is analyzed for metals, and is applicable only for those analytes with concentrations greater than 50 times the limit of quantitation (LOQ). The dilution test was performed on sample TMCSD0701FA and indicated the percent difference (%D) between the original result and the five-times (5x) serial dilution result was greater than the QAPP limit of ±10%:

Analyte	Initial Sample Result (ug/kg)	Serial Dilution Result (ug/kg)	% Difference	LOQ (mg/kg)	50 x LOQ	Post-Digestion Spike %Rec
Mercury	9.3	46	NC	40	2000	N/A

The QAPP also requires that a post-digestion spike addition be performed when the concentration in all samples within the batch were less than 50x the limit of detection (LOD), and the recovery must be within 75-125% of the expected result. The QAPP requires that for all sample results for the specific analytes for all samples associated with the post-digestion spike addition that do not meet the acceptance criteria (i.e., 75-125%), that a "J" be applied to the results, and that they be considered estimated.

Corrective Action: Applying the data qualification approach for the serial dilution result exceedances per the QAPP, the dilution test results are only applicable if the analytes in the original, undiluted sample are reported greater than 50 times the LOQ. Hence, the dilution test results were not applicable. The post-digestion spike was not required since some results within the analytical batch exceeded 50x the LOD.

DATA USABILITY RESULTS

SVOCs

Based on the evaluation of all information in the analytical data groups, the results of the samples for SVOCs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

PESTICIDES

Based on the evaluation of all information in the analytical data groups, the results of the samples for pesticides are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

PCBs

Based on the evaluation of all information in the analytical data groups, the results of the samples for PCBs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

CADMIUM

Based on the evaluation of all information in the analytical data groups, the results of the samples for metals are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

MERCURY

Based on the evaluation of all information in the analytical data groups, the results of the samples for mercury are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

DATA USABILITY SUMMARY

All data in Job # 280-20042-1 are valid and usable with qualifications as noted in the data review.

Signed: Concetta van Hassel Date: 11-21-11

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Three Mile Creek (SD031)
Report Number: 280-20042-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Calculations are perfonned 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
Seven samples were received on 09/08/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.7°C, and 2.8°C.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 09/21/2011 and 09/22/2011.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to matrix interference, the following samples had to be analyzed at a dilution as detailed below. The reporting limits have been adjusted relative to the dilution required. The laboratory noted that the sample extract was viscous, and analysis at a lesser dilution would jeopardize the integrity of the instrument.

TMCSD0101FA (280-20042-1) was analyzed at a 4X dilution
TMCSD0501FA (280-20042-5) was analyzed at a 4X dilution
TMCSD0601FA (280-20042-6) was analyzed at a 10X dilution

Surrogate recoveries could not be accurately calculated for the diluted analyses of samples TMCSD0101FA (280-20042-1), TMCSD0501FA (280-20042-5) and TMCSD0601FA (280-20042-6) because the extracts were diluted beyond the ability to quantitate recoveries.

Compounds Benzo(b)fluoranthene and Benzo(k)fluoranthene were unresolved in samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4) and TMCSD0501FA(280-20042-5) due to matrix interferences. It can be noted that these compounds were adequately resolved in associated standards, indicating the instrument is achieving separation. The combined peak was reported as Benzo(b)fluoranthene, while Benzo(k)fluoranthene was reported as undetected even though it may be present. Associated results in the analytical report have been flagged with a "K".

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86705, performed on sample TMCSD0201FA (280-20042-2), were outside control limits for Hexachlorocyclopentadiene. Additionally, the MS/MSD exhibited relative percent difference (RPD) data outside the control limits for Hexachloroethane. The associated laboratory control sample (LCS) recoveries met acceptance criteria, and the sample results have been flagged accordingly.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

ORGANOPHOSPHORUS PESTICIDES
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for organophosphorus pesticides in accordance with EPA SW-846 Method 8081A. The samples were analyzed on 09/21/2011 and 09/22/2011.

Please note samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5) and TMCSD0601FA (280-20042-6) required a sulfuric acid clean-up to reduce matrix interferences.

The following samples were analyzed at two different dilutions, due to the nature of the sample matrix interfering with some of the target compounds and an abundance of non-target analytes. Reporting limits were raised accordingly. Each compound was reported to achieve the lowest possible reporting limit within the constraints of the method. The laboratory noted that the extracts were dark yellow-brown in color. Historically, extracts this color have caused CCVs to recover outside the control limits for 4,4'-DDT and Methoxychlor.

TMCSD0101FA (280-20042-1) was analyzed at a 1X and a 10X dilution
TMCSD0601FA (280-20042-6) was analyzed at a 1X and a 10X dilution

Surrogate recoveries could not be accurately calculated for the diluted analyses of samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6) because the extracts were diluted beyond the ability to quantitate recoveries.

The following samples exhibited surrogate recoveries outside the QC control limits as detailed below. Per TestAmerica Denver's proposed variance to DoD QSM Version 4, the acceptance limits for Tetrachloro-m-xylene in soil samples are 55-125%. The samples listed below met these wider control limits on the primary column, indicating the extraction process was in control. The chromatogram for sample TMCSD0101FA (280-20042-1) indicated obvious matrix interference; therefore corrective action is deemed unnecessary. The sample results associated with failing surrogate recoveries have been flagged "Q" per the DoD QSM.

TMCSD0101FA (280-20042-1) [1X] recovered Tetrachloro-m-xylene at 68% (limits 70-125%) on primary column
TMCSD0101FA (280-20042-1) [1X] recovered Decachlorobiphenyl at 0% (limits 55-130%) on primary column
TMCSD0101FA (280-20042-1) [1X] recovered Tetrachloro-m-xylene at 47% (limits 70-125%) on confirmation column
TMCSD0101FA (280-20042-1) [1X] recovered Decachlorobiphenyl at 0% (limits 55-130%) on confirmation column
TMCSD0101FA (280-20042-1) [10X] recovered Tetrachloro-m-xylene at 59% (limits 70-125%) on primary column
TMCSD0101FA (280-20042-1) [10X] recovered Decachlorobiphenyl at 311% (limits 55-130%) on primary column
TMCSD0101FA (280-20042-1) [10X] recovered Tetrachloro-m-xylene at 66% (limits 70-125%) on confirmation column
TMCSD0101FA (280-20042-1) [10X] recovered Decachlorobiphenyl at 1375% (limits 55-130%) on confirmation column
TMCSD0201FA (280-20042-2) recovered Tetrachloro-m-xylene at 57% (limits 70-125%) on primary column
TMCSD0301FA (280-20042-3) recovered Tetrachloro-m-xylene at 64% (limits 70-125%) on primary column
TMCSD0401FA (280-20042-4) recovered Tetrachloro-m-xylene at 62% (limits 70-125%) on primary column
TMCSD0401FA (280-20042-4) recovered Tetrachloro-m-xylene at 52% (limits 70-125%) on confirmation column
TMCSD0501FA (280-20042-5) recovered Tetrachloro-m-xylene at 59% (limits 70-125%) on primary column
TMCSD0601FA (280-20042-6) [1X] recovered Tetrachloro-m-xylene at 68% (limits 70-125%) on primary column
TMCSD0601FA (280-20042-6) [1X] recovered Tetrachloro-m-xylene at 53% (limits 70-125%) on confirmation column
TMCSD0601FA (280-20042-6) [10X] recovered Tetrachloro-m-xylene at 62% (limits 70-125%) on primary column
TMCSD0701FA (280-20042-7) recovered Tetrachloro-m-xylene at 66% (limits 70-125%) on primary column

The Toxaphene matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86062, performed on sample TMCSD0201FA (280-20042-2), were outside control limits for surrogate Tetrachloro-m-xylene. The associated laboratory control sample (LCS) recoveries met acceptance criteria. The results associated with failing surrogate recovery have been flagged "Q" per the DoD QSM.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86062, performed on sample TMCSD0101FA (280-20042-1), were outside control limits for several compounds. The associated laboratory control sample (LCS) recoveries met acceptance criteria, and the sample results have been flagged accordingly.

The Continuing Calibration Verifications (CCV) standards associated with samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6) in analytical batch 280-87288 did not meet acceptance criteria for 4,4'-DDT and Methoxychlor as detailed below. Methoxychlor was reported from the front column, where the samples were non-detect (ND) for this analyte. 4,4'-DDT was reported from the diluted analysis of samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6), that were bracketed by acceptable CCVs.

CCVRT	Front column	All compounds in control.
	Rear column	All compounds in control.
CCV2	Front column	All compounds in control.
	Rear column	All compounds in control.

Toxaphene LCS, LCS, 20042-5, -7, Method Blank

CCV3	Front column	All compounds in control.
	Rear column	All compounds in control.

20042-1 [10x], -2, -2 Toxaphene MS, -2 Toxaphene MSD, -3, -4, -6 [10x]

CCV4	Front column	All compounds in control.
	Rear column	All compounds in control.

20042-1 [1x], -1 MS, -1 MSD, -6 [1x]

CCV5	Front column	4,4'-DDT (-25.0%)
	Rear column	4,4'-DDT (-30.4%) and Methoxychlor (-21.0%)

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were analyzed on 09/21/2011 and 09/22/2011.

Please note samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) required a sulfuric acid clean-up to reduce matrix interferences.

Surrogate Decachlorobiphenyl was recovered above the QC control limits in sample TMCSD0101FA (280-20042-1) at 323% (limits 60-125%). This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. The associated data have been flagged "Q" in accordance with the DoD QSM.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 09/29/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for total mercury in accordance with EPASW-846 Method 7471A. The samples were analyzed on 09/15/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 09/09/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#_272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB Three Mile Creek (SD031) Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441 Phone: (315) 336-7721 Ext. 207
Carrier: Test America courier.	Sampler signature:	

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SED/SED	# of Containers	SVOCs, PCBs, Pest., note 2, 8 oz glass jar	calcium, mercury note 3, 4 oz glass jar	Comments
TMCSD0101FA	TMCSW-13	9/6	1300	SE	G	N	0/0.5	2	1	1	
TMCSD0201FA	TMCSW-903	9/6	1400	SE	G	N	0/0.5	2	1	1	
TMCSD0301FA	TMCSW-902	9/6	1420	SE	G	N	0/0.5	2	1	1	
TMCSD0401FA	RV-TMCFSS-4	9/6	1250	SE	G	N	0/0.5	2	1	1	
TMCSD0501FA	RV-TMCFSS-5	9/6	1230	SE	G	N	0/0.5	2	1	1	
TMCSD0601FA	TMCSW-14	9/6	1320	SE	G	N	0/0.5	2	1	1	
TMCSD0701FA	RV-TMCSS-7	9/6	1345	SE	G	N	0/0.5	2	1	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)
Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.
Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.
Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/1/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date:
Company Name: FPM	Time: 1030	Company Name:	Time: 1200	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
SE = Sediment

SMCODE
B = Bailer
G = Grab
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump
SP = Submersible Pump
SS = Split Spoon

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate
MS = Matrix Spike
SD = Matrix Spike Duplicate

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1
Client Matrix: Solid
% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1799.D
Dilution:	4.0			Initial Weight/Volume:	32.8 g
Analysis Date:	09/21/2011 2226			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		160	U D	240	1600
1,2,4,5-Tetrachlorobenzene		160	U D	230	1600
1,2,4-Trichlorobenzene		160	U D	130	1600
1,2-Dichlorobenzene		160	U D	100	1600
1,2-Diphenylhydrazine		160	U D	100	1600
1,3-Dichlorobenzene		160	U D	57	1600
1,4-Dichlorobenzene		160	U D	65	1600
2,2'-oxybis[1-chloropropane]		160	U D	110	1600
2,3,4,6-Tetrachlorophenol		160	U D	650	7600
2,4,5-Trichlorophenol		620	U D	48	1600
2,4,6-Trichlorophenol		310	U D	48	1600
2,4-Dichlorophenol		310	U D	48	1600
2,4-Dimethylphenol		620	U D	310	1600
2,4-Dinitrophenol		3200	U D	1600	7600
2,4-Dinitrotoluene		620	U D	310	1600
2,6-Dichlorophenol		620	U D	330	1600
2,6-Dinitrotoluene		310	U D	130	1600
2-Chloronaphthalene		160	U D	48	1600
2-Chlorophenol		160	U D	100	1600
2-Methylnaphthalene		160	U D	91	1600
2-Methylphenol		160	U D	62	1600
2-Nitroaniline		310	U D	240	7600
2-Nitrophenol		310	U D	48	1600
3 & 4 Methylphenol		310	U D	160	1600
3,3'-Dichlorobenzidine		1600	U D	430	7600
3-Nitroaniline		630	U D	350	7600
4,6-Dinitro-2-methylphenol		3100	U D	1600	7600
4-Bromophenyl phenyl ether		160	U D	91	1600
4-Chloro-3-methylphenol		620	U D	310	1600
4-Chloroaniline		620	U D	390	1600
4-Chlorophenyl phenyl ether		310	U D	100	1600
4-Nitroaniline		620	U D	350	7600
4-Nitrophenol		1600	U D	460	7600
Acenaphthene		62	J D	49	1600
Acenaphthylene		160	U D	81	1600
Acetophenone		160	U D	95	1600
Anthracene		170	J D	81	1600
Atrazine		620	U D	180	1600
Benzaldehyde		320	U D	190	1600
Benzidine		19000	U D	4700	19000
Benzo[a]anthracene		460	J D	95	1600
Benzo[a]pyrene		370	J D	95	1600
Benzo[b]fluoranthene		670	J D	120	1600
Benzo[g,h,i]perylene		210	J D	76	1600
Benzo[k]fluoranthene		310	U D	190	1600
Benzoic acid		3100	U D	1600	7600

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1
Client Matrix: Solid
% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1799.D
Dilution:	4.0			Initial Weight/Volume:	32.8 g
Analysis Date:	09/21/2011 2226			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		160	U	48	1600
Bis(2-chloroethoxy)methane		310	U	110	1600
Bis(2-chloroethyl)ether		160	U	79	1600
Bis(2-ethylhexyl) phthalate		310	U	220	1600
Butyl benzyl phthalate		310	U	210	1600
Caprolactam		1600	U	510	7600
Carbazole		320	U	170	1600
Chrysene		410	J	130	1600
Dibenz(a,h)anthracene		160	U	91	1600
Dibenzofuran		160	U	95	1600
Diethyl phthalate		160	U	120	3100
Dimethyl phthalate		160	U	110	1600
Di-n-butyl phthalate		160	U	140	1600
Di-n-octyl phthalate		310	U	69	1600
Fluoranthene		930	J	170	1600
Fluorene		160	U	86	1600
Hexachlorobenzene		310	U	140	1600
Hexachlorobutadiene		310	U	48	1600
Hexachlorocyclopentadiene		310	U	240	8100
Hexachloroethane		160	U	100	1600
Indeno[1,2,3-cd]pyrene		190	J	100	1600
Isophorone		160	U	81	1600
Naphthalene		310	U	150	1600
Nitrobenzene		160	U	100	1600
N-Nitrosodimethylamine		310	U	180	2500
N-Nitrosodi-n-propylamine		310	U	150	1600
N-Nitrosodiphenylamine		160	U	100	1600
N-Nitrosopyrrolidine		620	U	310	1600
Pentachlorophenol		3200	U	1600	7600
Phenanthrene		700	J	81	1600
Phenol		160	U	86	1600
Pyrene		740	J	58	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	88	D	35 - 125
2-Fluorobiphenyl	80	D	45 - 105
2-Fluorophenol (Surr)	70	D	35 - 105
Nitrobenzene-d5 (Surr)	70	D	35 - 100
Phenol-d5 (Surr)	78	D	40 - 100
Terphenyl-d14 (Surr)	94	D	30 - 125

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid

% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87836	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1847.D
Dilution:	1.0			Initial Weight/Volume:	32.2 g
Analysis Date:	09/22/2011 2030			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		39	U	60	390
1,2,4,5-Tetrachlorobenzene		39	U	58	390
1,2,4-Trichlorobenzene		39	U	33	390
1,2-Dichlorobenzene		39	U	26	390
1,2-Diphenylhydrazine		39	U	26	390
1,3-Dichlorobenzene		39	U	14	390
1,4-Dichlorobenzene		39	U	16	390
2,2'-oxybis[1-chloropropane]		39	U	27	390
2,3,4,6-Tetrachlorophenol		39	U	160	1900
2,4,5-Trichlorophenol		150	U	12	390
2,4,6-Trichlorophenol		79	U	12	390
2,4-Dichlorophenol		79	U	12	390
2,4-Dimethylphenol		150	U	79	390
2,4-Dinitrophenol		800	U	400	1900
2,4-Dinitrotoluene		150	U	79	390
2,6-Dichlorophenol		150	U	82	390
2,6-Dinitrotoluene		79	U	33	390
2-Chloronaphthalene		39	U	12	390
2-Chlorophenol		39	U	25	390
2-Methylnaphthalene		39	U	23	390
2-Methylphenol		39	U	15	390
2-Nitroaniline		79	U	60	1900
2-Nitrophenol		79	U	12	390
3 & 4 Methylphenol		79	U	39	390
3,3'-Dichlorobenzidine		390	U	110	1900
3-Nitroaniline		160	U	87	1900
4,6-Dinitro-2-methylphenol		790	U	390	1900
4-Bromophenyl phenyl ether		39	U	23	390
4-Chloro-3-methylphenol		150	U	79	390
4-Chloroaniline		150	U	98	390
4-Chlorophenyl phenyl ether		79	U	25	390
4-Nitroaniline		150	U	86	1900
4-Nitrophenol		390	U	120	1900
Acenaphthene		20	U	12	390
Acenaphthylene		39	U	20	390
Acetophenone		39	U	24	390
Anthracene		39	U	20	390
Atrazine		150	U	44	390
Benzaldehyde		80	U	46	390
Benzidine		4700	U	1200	4800
Benzo[a]anthracene		45	J	24	390
Benzo[a]pyrene		43	J	24	390
Benzo[b]fluoranthene		86	J	31	390
Benzo[g,h,i]perylene		31	J	19	390
Benzo[k]fluoranthene		79	U	48	390
Benzoic acid		790	U	390	1900

dmk 11/10/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid

% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87836	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1847.D
Dilution:	1.0			Initial Weight/Volume:	32.2 g
Analysis Date:	09/22/2011 2030			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		39	U	12	390
Bis(2-chloroethoxy)methane		79	U	27	390
Bis(2-chloroethyl)ether		39	U	20	390
Bis(2-ethylhexyl) phthalate		130	J	55	390
Butyl benzyl phthalate		79	U	51	390
Caprolactam		390	U	130	1900
Carbazole		80	U	43	390
Chrysene		58	J	32	390
Dibenz(a,h)anthracene		39	U	23	390
Dibenzofuran		39	U	24	390
Diethyl phthalate		39	U	31	790
Dimethyl phthalate		39	U	27	390
Di-n-butyl phthalate		39	U	35	390
Di-n-octyl phthalate		79	U	17	390
Fluoranthene		91	J	43	390
Fluorene		39	U	21	390
Hexachlorobenzene		79	U	35	390
Hexachlorobutadiene		79	U	12	390
Hexachlorocyclopentadiene		79	U	60	2000
Hexachloroethane		39	U	25	390
Indeno[1,2,3-cd]pyrene		28	J	26	390
Isophorone		39	U	20	390
Naphthalene		79	U	37	390
Nitrobenzene		39	U	26	390
N-Nitrosodimethylamine		79	U	44	620
N-Nitrosodi-n-propylamine		79	U	37	390
N-Nitrosodiphenylamine		39	U	25	390
N-Nitrosopyrrolidine		150	U	76	390
Pentachlorophenol		800	U	390	1900
Phenanthrene		48	J	20	390
Phenol		23	J	21	390
Pyrene		73	J	14	480

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86		35 - 125
2-Fluorobiphenyl	60		45 - 105
2-Fluorophenol (Surr)	53		35 - 105
Nitrobenzene-d5 (Surr)	53		35 - 100
Phenol-d5 (Surr)	58		40 - 100
Terphenyl-d14 (Surr)	79		30 - 125

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1803.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/21/2011 2346			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		41	U	63	410
1,2,4,5-Tetrachlorobenzene		41	U	62	410
1,2,4-Trichlorobenzene		41	U	35	410
1,2-Dichlorobenzene		41	U	28	410
1,2-Diphenylhydrazine		41	U	28	410
1,3-Dichlorobenzene		41	U	15	410
1,4-Dichlorobenzene		41	U	17	410
2,2'-oxybis[1-chloropropane]		41	U	29	410
2,3,4,6-Tetrachlorophenol		41	U	170	2000
2,4,5-Trichlorophenol		160	U	13	410
2,4,6-Trichlorophenol		83	U	13	410
2,4-Dichlorophenol		83	U	13	410
2,4-Dimethylphenol		160	U	83	410
2,4-Dinitrophenol		840	U	420	2000
2,4-Dinitrotoluene		160	U	83	410
2,6-Dichlorophenol		160	U	87	410
2,6-Dinitrotoluene		83	U	35	410
2-Chloronaphthalene		41	U	13	410
2-Chlorophenol		41	U	26	410
2-Methylnaphthalene		41	U	24	410
2-Methylphenol		41	U	16	410
2-Nitroaniline		83	U	63	2000
2-Nitrophenol		83	U	13	410
3 & 4 Methylphenol		83	U	41	410
3,3'-Dichlorobenzidine		410	U	110	2000
3-Nitroaniline		170	U	92	2000
4,6-Dinitro-2-methylphenol		830	U	410	2000
4-Bromophenyl phenyl ether		41	U	24	410
4-Chloro-3-methylphenol		160	U	83	410
4-Chloroaniline		160	U	100	410
4-Chlorophenyl phenyl ether		83	U	26	410
4-Nitroaniline		160	U	91	2000
4-Nitrophenol		410	U	120	2000
Acenaphthene		21	U	13	410
Acenaphthylene		41	U	21	410
Acetophenone		41	U	25	410
Anthracene		41	U	21	410
Atrazine		160	U	46	410
Benzaldehyde		84	U M	49	410
Benzidine		5000	U	1200	5000
Benzo[a]anthracene		36	J	25	410
Benzo[a]pyrene		38	J	25	410
Benzo[b]fluoranthene		76	J K	33	410
Benzo[g,h,i]perylene		31	J	20	410
Benzo[k]fluoranthene		83	U K-J	50	410
Benzoic acid		830	U	410	2000

cdt 4/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1803.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/21/2011 2346			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		14	J	13	410
Bis(2-chloroethoxy)methane		83	U	29	410
Bis(2-chloroethyl)ether		41	U	21	410
Bis(2-ethylhexyl) phthalate		83	U	58	410
Butyl benzyl phthalate		83	U	54	410
Caprolactam		410	U	130	2000
Carbazole		84	U	45	410
Chrysene		45	J	34	410
Dibenz(a,h)anthracene		41	U	24	410
Dibenzofuran		41	U	25	410
Diethyl phthalate		41	U	33	830
Dimethyl phthalate		41	U	29	410
Di-n-butyl phthalate		41	U	36	410
Di-n-octyl phthalate		83	U	18	410
Fluoranthene		68	J	45	410
Fluorene		41	U	23	410
Hexachlorobenzene		83	U	36	410
Hexachlorobutadiene		83	U	13	410
Hexachlorocyclopentadiene		83	U	63	2100
Hexachloroethane		41	U	27	410
Indeno[1,2,3-cd]pyrene		41	U	28	410
Isophorone		41	U	21	410
Naphthalene		83	U	39	410
Nitrobenzene		41	U	28	410
N-Nitrosodimethylamine		83	U	46	650
N-Nitrosodi-n-propylamine		83	U	39	410
N-Nitrosodiphenylamine		41	U	26	410
N-Nitrosopyrrolidine		160	U	80	410
Pentachlorophenol		840	U	410	2000
Phenanthrene		35	J	21	410
Phenol		36	J	23	410
Pyrene		60	J	15	500

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		35 - 125
2-Fluorobiphenyl	72		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	71		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	86		30 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1804.D
Dilution:	1.0			Initial Weight/Volume:	31.1 g
Analysis Date:	09/22/2011 0006			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		42	U	63	420
1,2,4,5-Tetrachlorobenzene		42	U	62	420
1,2,4-Trichlorobenzene		42	U	35	420
1,2-Dichlorobenzene		42	U	28	420
1,2-Diphenylhydrazine		42	U	28	420
1,3-Dichlorobenzene		42	U	15	420
1,4-Dichlorobenzene		42	U	17	420
2,2'-oxybis[1-chloropropane]		42	U	29	420
2,3,4,6-Tetrachlorophenol		42	U	170	2000
2,4,5-Trichlorophenol		160	U	13	420
2,4,6-Trichlorophenol		84	U	13	420
2,4-Dichlorophenol		84	U	13	420
2,4-Dimethylphenol		160	U	84	420
2,4-Dinitrophenol		850	U	420	2000
2,4-Dinitrotoluene		160	U	84	420
2,6-Dichlorophenol		160	U	87	420
2,6-Dinitrotoluene		84	U	35	420
2-Chloronaphthalene		42	U	13	420
2-Chlorophenol		42	U	27	420
2-Methylnaphthalene		42	U	24	420
2-Methylphenol		42	U	16	420
2-Nitroaniline		84	U	63	2000
2-Nitrophenol		84	U	13	420
3 & 4 Methylphenol		84	U	42	420
3,3'-Dichlorobenzidine		420	U	110	2000
3-Nitroaniline		170	U	92	2000
4,6-Dinitro-2-methylphenol		840	U	420	2000
4-Bromophenyl phenyl ether		42	U	24	420
4-Chloro-3-methylphenol		160	U	84	420
4-Chloroaniline		160	U	100	420
4-Chlorophenyl phenyl ether		84	U	27	420
4-Nitroaniline		160	U	92	2000
4-Nitrophenol		420	U	120	2000
Acenaphthene		22	U	13	420
Acenaphthylene		42	U	22	420
Acetophenone		42	U	25	420
Anthracene		42	U	22	420
Atrazine		160	U	47	420
Benzaldehyde		85	U M	49	420
Benzidine		5000	U	1300	5100
Benzo[a]anthracene		59	J	25	420
Benzo[a]pyrene		61	J	25	420
Benzo[b]fluoranthene		110	J K	33	420
Benzo[g,h,i]perylene		43	J	20	420
Benzo[k]fluoranthene		84	U KJ	51	420
Benzoic acid		840	U	420	2000

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1804.D
Dilution:	1.0			Initial Weight/Volume:	31.1 g
Analysis Date:	09/22/2011 0006			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		13	J	13	420
Bis(2-chloroethoxy)methane		84	U	29	420
Bis(2-chloroethyl)ether		42	U	21	420
Bis(2-ethylhexyl) phthalate		58	J	58	420
Butyl benzyl phthalate		84	U	54	420
Caprolactam		420	U	130	2000
Carbazole		85	U	46	420
Chrysene		77	J	34	420
Dibenz(a,h)anthracene		42	U	24	420
Dibenzofuran		42	U	25	420
Diethyl phthalate		42	U	33	840
Dimethyl phthalate		42	U	29	420
Di-n-butyl phthalate		42	U	37	420
Di-n-octyl phthalate		84	U	18	420
Fluoranthene		120	J	46	420
Fluorene		42	U	23	420
Hexachlorobenzene		84	U	37	420
Hexachlorobutadiene		84	U	13	420
Hexachlorocyclopentadiene		84	U	63	2200
Hexachloroethane		42	U	27	420
Indeno[1,2,3-cd]pyrene		35	J	28	420
Isophorone		42	U	22	420
Naphthalene		84	U	39	420
Nitrobenzene		42	U	28	420
N-Nitrosodimethylamine		84	U	47	660
N-Nitrosodi-n-propylamine		84	U	39	420
N-Nitrosodiphenylamine		42	U	27	420
N-Nitrosopyrrolidine		160	U	81	420
Pentachlorophenol		850	U	420	2000
Phenanthrene		64	J	22	420
Phenol		31	J	23	420
Pyrene		110	J	15	510

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87		35 - 125
2-Fluorobiphenyl	79		45 - 105
2-Fluorophenol (Surr)	73		35 - 105
Nitrobenzene-d5 (Surr)	77		35 - 100
Phenol-d5 (Surr)	78		40 - 100
Terphenyl-d14 (Surr)	86		30 - 125

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1805.D
Dilution:	4.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/22/2011 0026			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		260	U D	400	2600
1,2,4,5-Tetrachlorobenzene		260	U D	390	2600
1,2,4-Trichlorobenzene		260	U D	220	2600
1,2-Dichlorobenzene		260	U D	170	2600
1,2-Diphenylhydrazine		260	U D	170	2600
1,3-Dichlorobenzene		260	U D	95	2600
1,4-Dichlorobenzene		260	U D	110	2600
2,2'-oxybis[1-chloropropane]		260	U D	180	2600
2,3,4,6-Tetrachlorophenol		260	U D	1100	13000
2,4,5-Trichlorophenol		1000	U D	80	2600
2,4,6-Trichlorophenol		520	U D	80	2600
2,4-Dichlorophenol		520	U D	80	2600
2,4-Dimethylphenol		1000	U D	520	2600
2,4-Dinitrophenol		5300	U D	2600	13000
2,4-Dinitrotoluene		1000	U D	520	2600
2,6-Dichlorophenol		1000	U D	550	2600
2,6-Dinitrotoluene		520	U D	220	2600
2-Chloronaphthalene		260	U D	80	2600
2-Chlorophenol		260	U D	170	2600
2-Methylnaphthalene		260	U D	150	2600
2-Methylphenol		260	U D	100	2600
2-Nitroaniline		520	U D	400	13000
2-Nitrophenol		520	U D	80	2600
3 & 4 Methylphenol		520	U D	260	2600
3,3'-Dichlorobenzidine		2600	U D	720	13000
3-Nitroaniline		1100	U D	580	13000
4,6-Dinitro-2-methylphenol		5200	U D	2600	13000
4-Bromophenyl phenyl ether		260	U D	150	2600
4-Chloro-3-methylphenol		1000	U D	520	2600
4-Chloroaniline		1000	U D	650	2600
4-Chlorophenyl phenyl ether		520	U D	170	2600
4-Nitroaniline		1000	U D	580	13000
4-Nitrophenol		2600	U D	770	13000
Acenaphthene		89	J D	82	2600
Acenaphthylene		260	U D	140	2600
Acetophenone		260	U D	160	2600
Anthracene		300	J D	140	2600
Atrazine		1000	U D	290	2600
Benzaldehyde		530	U M D	310	2600
Benzidine		31000	U D	7900	32000
Benzo[a]anthracene		1100	J D	160	2600
Benzo[a]pyrene		1000	J D	160	2600
Benzo[b]fluoranthene		1900	J K D	210	2600
Benzo[g,h,i]perylene		600	J D	130	2600
Benzo[k]fluoranthene		520	U K D J	320	2600
Benzoic acid		5200	U D	2600	13000

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1805.D
Dilution:	4.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/22/2011 0026			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		260	U	80	2600
Bis(2-chloroethoxy)methane		520	U	180	2600
Bis(2-chloroethyl)ether		260	U	130	2600
Bis(2-ethylhexyl) phthalate		520	U	370	2600
Butyl benzyl phthalate		520	U	340	2600
Caprolactam		2600	U	840	13000
Carbazole		530	U	290	2600
Chrysene		1200	J	210	2600
Dibenz(a,h)anthracene		260	U	150	2600
Dibenzofuran		260	U	160	2600
Diethyl phthalate		260	U	210	5200
Dimethyl phthalate		260	U	180	2600
Di-n-butyl phthalate		260	U	230	2600
Di-n-octyl phthalate		520	U	110	2600
Fluoranthene		2200	J	290	2600
Fluorene		260	U	140	2600
Hexachlorobenzene		520	U	230	2600
Hexachlorobutadiene		520	U	80	2600
Hexachlorocyclopentadiene		520	U	400	14000
Hexachloroethane		260	U	170	2600
Indeno[1,2,3-cd]pyrene		550	J	170	2600
Isophorone		260	U	140	2600
Naphthalene		520	U	250	2600
Nitrobenzene		260	U	170	2600
N-Nitrosodimethylamine		520	U	290	4100
N-Nitrosodi-n-propylamine		520	U	250	2600
N-Nitrosodiphenylamine		260	U	170	2600
N-Nitrosopyrrolidine		1000	U	510	2600
Pentachlorophenol		5300	U	2600	13000
Phenanthrene		1200	J	140	2600
Phenol		260	U	140	2600
Pyrene		1900	J	96	3200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	81	D	35 - 125
2-Fluorobiphenyl	77	D	45 - 105
2-Fluorophenol (Surr)	68	D	35 - 105
Nitrobenzene-d5 (Surr)	69	D	35 - 100
Phenol-d5 (Surr)	77	D	40 - 100
Terphenyl-d14 (Surr)	86	D	30 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1806.D
Dilution:	10			Initial Weight/Volume:	31.3 g
Analysis Date:	09/22/2011 0046			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		400	U	610	4000
1,2,4,5-Tetrachlorobenzene		400	U	590	4000
1,2,4-Trichlorobenzene		400	U	340	4000
1,2-Dichlorobenzene		400	U	270	4000
1,2-Diphenylhydrazine		400	U	270	4000
1,3-Dichlorobenzene		400	U	150	4000
1,4-Dichlorobenzene		400	U	160	4000
2,2'-oxybis[1-chloropropane]		400	U	280	4000
2,3,4,6-Tetrachlorophenol		400	U	1700	19000
2,4,5-Trichlorophenol		1600	U	120	4000
2,4,6-Trichlorophenol		800	U	120	4000
2,4-Dichlorophenol		800	U	120	4000
2,4-Dimethylphenol		1600	U	800	4000
2,4-Dinitrophenol		8100	U	4000	19000
2,4-Dinitrotoluene		1600	U	800	4000
2,6-Dichlorophenol		1600	U	840	4000
2,6-Dinitrotoluene		800	U	340	4000
2-Chloronaphthalene		400	U	120	4000
2-Chlorophenol		400	U	250	4000
2-Methylnaphthalene		400	U	230	4000
2-Methylphenol		400	U	160	4000
2-Nitroaniline		800	U	610	19000
2-Nitrophenol		800	U	120	4000
3 & 4 Methylphenol		800	U	400	4000
3,3'-Dichlorobenzidine		4000	U	1100	19000
3-Nitroaniline		1600	U	880	19000
4,6-Dinitro-2-methylphenol		8000	U	4000	19000
4-Bromophenyl phenyl ether		400	U	230	4000
4-Chloro-3-methylphenol		1600	U	800	4000
4-Chloroaniline		1600	U	990	4000
4-Chlorophenyl phenyl ether		800	U	250	4000
4-Nitroaniline		1600	U	880	19000
4-Nitrophenol		4000	U	1200	19000
Acenaphthene		210	U	120	4000
Acenaphthylene		400	U	210	4000
Acetophenone		400	U	240	4000
Anthracene		400	U	210	4000
Atrazine		1600	U	450	4000
Benzaldehyde		810	U M1	470	4000
Benzidine		48000	U	12000	48000
Benzo[a]anthracene		400	U	240	4000
Benzo[a]pyrene		400	U	240	4000
Benzo[b]fluoranthene		400	U	320	4000
Benzo[g,h,i]perylene		400	U	190	4000
Benzo[k]fluoranthene		800	U	480	4000
Benzoic acid		8000	U	4000	19000

cwd 11/10/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1806.D
Dilution:	10			Initial Weight/Volume:	31.3 g
Analysis Date:	09/22/2011 0046			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		400	U	120	4000
Bis(2-chloroethoxy)methane		800	U	280	4000
Bis(2-chloroethyl)ether		400	U	200	4000
Bis(2-ethylhexyl) phthalate		800	U	560	4000
Butyl benzyl phthalate		800	U	520	4000
Caprolactam		4000	U	1300	19000
Carbazole		810	U	440	4000
Chrysene		400	U	330	4000
Dibenz(a,h)anthracene		400	U	230	4000
Dibenzofuran		400	U	240	4000
Diethyl phthalate		400	U	310	8000
Dimethyl phthalate		400	U	280	4000
Di-n-butyl phthalate		400	U	350	4000
Di-n-octyl phthalate		800	U	170	4000
Fluoranthene		800	U	440	4000
Fluorene		400	U	220	4000
Hexachlorobenzene		800	U	350	4000
Hexachlorobutadiene		800	U	120	4000
Hexachlorocyclopentadiene		800	U	610	21000
Hexachloroethane		400	U	260	4000
Indeno[1,2,3-cd]pyrene		400	U	270	4000
Isophorone		400	U	210	4000
Naphthalene		800	U	380	4000
Nitrobenzene		400	U	270	4000
N-Nitrosodimethylamine		800	U	450	6300
N-Nitrosodi-n-propylamine		800	U	380	4000
N-Nitrosodiphenylamine		400	U	250	4000
N-Nitrosopyrrolidine		1600	U	770	4000
Pentachlorophenol		8100	U	4000	19000
Phenanthrene		400	U	210	4000
Phenol		400	U	220	4000
Pyrene		150	J	150	4800

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79	D	35 - 125
2-Fluorobiphenyl	84	D	45 - 105
2-Fluorophenol (Surr)	76	D	35 - 105
Nitrobenzene-d5 (Surr)	78	D	35 - 100
Phenol-d5 (Surr)	84	D	40 - 100
Terphenyl-d14 (Surr)	92	D	30 - 125

11/10/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0701FA

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1807.D
Dilution:	1.0			Initial Weight/Volume:	32.0 g
Analysis Date:	09/22/2011 0106			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		40	U	60	400
1,2,4,5-Tetrachlorobenzene		40	U	59	400
1,2,4-Trichlorobenzene		40	U	34	400
1,2-Dichlorobenzene		40	U	26	400
1,2-Diphenylhydrazine		40	U	26	400
1,3-Dichlorobenzene		40	U	14	400
1,4-Dichlorobenzene		40	U	16	400
2,2'-oxybis[1-chloropropane]		40	U	28	400
2,3,4,6-Tetrachlorophenol		40	U	160	1900
2,4,5-Trichlorophenol		160	U	12	400
2,4,6-Trichlorophenol		79	U	12	400
2,4-Dichlorophenol		79	U	12	400
2,4-Dimethylphenol		160	U	79	400
2,4-Dinitrophenol		810	U	400	1900
2,4-Dinitrotoluene		160	U	79	400
2,6-Dichlorophenol		160	U	83	400
2,6-Dinitrotoluene		79	U	34	400
2-Chloronaphthalene		40	U	12	400
2-Chlorophenol		40	U	25	400
2-Methylnaphthalene		40	U	23	400
2-Methylphenol		40	U	16	400
2-Nitroaniline		79	U	60	1900
2-Nitrophenol		79	U	12	400
3 & 4 Methylphenol		79	U	40	400
3,3'-Dichlorobenzidine		400	U	110	1900
3-Nitroaniline		160	U	88	1900
4,6-Dinitro-2-methylphenol		790	U	400	1900
4-Bromophenyl phenyl ether		40	U	23	400
4-Chloro-3-methylphenol		160	U	79	400
4-Chloroaniline		160	U	98	400
4-Chlorophenyl phenyl ether		79	U	25	400
4-Nitroaniline		160	U	87	1900
4-Nitrophenol		400	U	120	1900
Acenaphthene		20	U	12	400
Acenaphthylene		40	U	20	400
Acetophenone		40	U	24	400
Anthracene		40	U	20	400
Atrazine		160	U	44	400
Benzaldehyde		81	U	47	400
Benzidine		4800	U	1200	4800
Benzo[a]anthracene		40	U	24	400
Benzo[a]pyrene		40	U	24	400
Benzo[b]fluoranthene		40	U	32	400
Benzo[g,h,i]perylene		40	U	19	400
Benzo[k]fluoranthene		79	U	48	400
Benzoic acid		790	U	400	1900

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0701FA

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1807.D
Dilution:	1.0			Initial Weight/Volume:	32.0 g
Analysis Date:	09/22/2011 0106			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		40	U	12	400
Bis(2-chloroethoxy)methane		79	U	28	400
Bis(2-chloroethyl)ether		40	U	20	400
Bis(2-ethylhexyl) phthalate		79	U	55	400
Butyl benzyl phthalate		79	U	52	400
Caprolactam		400	U	130	1900
Carbazole		81	U	43	400
Chrysene		40	U	32	400
Dibenz(a,h)anthracene		40	U	23	400
Dibenzofuran		40	U	24	400
Diethyl phthalate		40	U	31	790
Dimethyl phthalate		40	U	28	400
Di-n-butyl phthalate		40	U	35	400
Di-n-octyl phthalate		79	U	17	400
Fluoranthene		79	U	43	400
Fluorene		40	U	22	400
Hexachlorobenzene		79	U	35	400
Hexachlorobutadiene		79	U	12	400
Hexachlorocyclopentadiene		79	U	60	2000
Hexachloroethane		40	U	26	400
Indeno[1,2,3-cd]pyrene		40	U	26	400
Isophorone		40	U	20	400
Naphthalene		79	U	37	400
Nitrobenzene		40	U	26	400
N-Nitrosodimethylamine		79	U	44	630
N-Nitrosodi-n-propylamine		79	U	37	400
N-Nitrosodiphenylamine		40	U	25	400
N-Nitrosopyrrolidine		160	U	77	400
Pentachlorophenol		810	U	400	1900
Phenanthrene		40	U	20	400
Phenol		36	J	22	400
Pyrene		40	U	15	480

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		35 - 125
2-Fluorobiphenyl	72		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	75		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	80		30 - 125

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1
Client Matrix: Solid

% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0248			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.90	U Q J	0.71	2.2
4,4'-DDE		0.60	U Q J	0.31	2.2
Aldrin		0.60	U Q J	0.33	2.2
alpha-BHC		0.60	U Q J	0.28	2.2
beta-BHC		0.90	U Q J	0.86	2.2
delta-BHC		0.90	U Q J	0.52	2.2
gamma-BHC (Lindane)		0.90	U Q J	0.60	2.2
Heptachlor		0.60	U Q J	0.28	2.2
Heptachlor epoxide		0.90	U Q J	0.55	2.2
Endosulfan I		0.60	U Q J	0.23	2.2
Endosulfan II		0.68	Q J	0.37	2.2
Endosulfan sulfate		0.60	U Q J	0.36	2.2
Endrin		0.60	U Q J	0.40	2.2
Endrin aldehyde		0.60	U Q J	0.22	2.2
Endrin ketone		0.90	U Q J	0.64	2.2
gamma-Chlordane		0.90	U Q J	0.35	2.2
Methoxychlor		0.90	U Q J	0.58	4.3
alpha-Chlordane		0.60	U Q J	0.42	2.2
Dieldrin		0.60	U Q J	0.27	2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68	Q	70 - 125
DCB Decachlorobiphenyl	0	Q	55 - 130

9/22/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1
Client Matrix: Solid
% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGC S_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0248			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	47	Q	70 - 125
DCB Decachlorobiphenyl	0	Q	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1
Client Matrix: Solid

% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0003	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDT		91	~~QJDM~~ J	7.7	26
Toxaphene		350	~~UQ~~ U	210	2200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59	Q D	70 - 125
DCB Decachlorobiphenyl	311	D Q	55 - 130

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1
Client Matrix: Solid

% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0003	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66	Q D	70 - 125
DCB Decachlorobiphenyl	1375	D Q	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid

% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0019			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.85	U Q	0.67	2.1
4,4'-DDE		0.57	U Q	0.29	2.1
4,4'-DDT		0.85	U Q	0.73	2.5
Aldrin		0.57	U Q	0.31	2.1
alpha-BHC		0.57	U Q	0.26	2.1
beta-BHC		1.9	J	0.82	2.1
delta-BHC		0.85	U Q	0.49	2.1
gamma-BHC (Lindane)		0.85	U Q	0.57	2.1
Heptachlor		0.57	U Q	0.26	2.1
Heptachlor epoxide		0.85	U Q	0.53	2.1
Endosulfan I		0.57	U Q	0.22	2.1
Endosulfan II		0.57	U Q	0.35	2.1
Endosulfan sulfate		0.57	U Q	0.34	2.1
Endrin		0.57	U Q	0.38	2.1
Endrin aldehyde		0.57	U	0.21	2.1
Endrin ketone		0.85	U Q	0.60	2.1
gamma-Chlordane		0.85	U Q	0.33	2.1
Methoxychlor		0.85	U Q	0.56	4.1
alpha-Chlordane		0.57	U Q	0.40	2.1
Dieldrin		0.32	J	0.26	2.1
Toxaphene		33	U Q	19	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57	Q	70 - 125
DCB Decachlorobiphenyl	84		55 - 130

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD 0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid

% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0019			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		70 - 125
DCB Decachlorobiphenyl	78		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0109			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.82	U Q	0.65	2.0
4,4'-DDE		0.55	U Q	0.28	2.0
4,4'-DDT		0.82	U Q	0.70	2.4
Aldrin		0.55	U Q	0.30	2.0
alpha-BHC		0.55	U Q	0.26	2.0
beta-BHC		0.82	U Q	0.79	2.0
delta-BHC		0.82	U Q	0.48	2.0
gamma-BHC (Lindane)		0.82	U Q	0.55	2.0
Heptachlor		0.55	U	0.26	2.0
Heptachlor epoxide		0.82	U	0.51	2.0
Endosulfan I		0.55	U Q	0.21	2.0
Endosulfan II		0.55	U Q	0.34	2.0
Endosulfan sulfate		0.55	U Q	0.33	2.0
Endrin		0.55	U Q	0.36	2.0
Endrin aldehyde		0.55	U Q	0.20	2.0
Endrin ketone		0.82	U Q	0.58	2.0
gamma-Chlordane		0.82	U Q	0.32	2.0
Methoxychlor		0.82	U Q	0.54	3.9
alpha-Chlordane		0.55	U Q	0.39	2.0
Dieldrin		0.55	U Q	0.25	2.0
Toxaphene		32	U Q	19	200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64	Q	70 - 125
DCB Decachlorobiphenyl	92		55 - 130

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0109			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		70 - 125
DCB Decachlorobiphenyl	84		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0125			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.86	U Q	0.68	2.1
4,4'-DDE		0.57	U Q	0.30	2.1
4,4'-DDT		1.8	J Q	0.73	2.5
Aldrin		0.57	U Q	0.31	2.1
alpha-BHC		0.57	U Q	0.27	2.1
beta-BHC		0.86	U Q	0.83	2.1
delta-BHC		0.86	U Q	0.50	2.1
gamma-BHC (Lindane)		0.86	U Q	0.58	2.1
Heptachlor		0.57	U Q	0.27	2.1
Heptachlor epoxide		0.86	U Q	0.53	2.1
Endosulfan I		0.57	U Q	0.22	2.1
Endosulfan II		0.57	U Q	0.36	2.1
Endosulfan sulfate		0.57	U Q	0.34	2.1
Endrin		0.57	U Q	0.38	2.1
Endrin aldehyde		0.57	U Q	0.21	2.1
Endrin ketone		0.86	U Q	0.61	2.1
gamma-Chlordane		0.86	U Q	0.33	2.1
Methoxychlor		0.86	U Q	0.56	4.1
alpha-Chlordane		0.57	U Q	0.40	2.1
Dieldrin		0.49	J Q	0.26	2.1
Toxaphene		34	U Q	20	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62	Q	70 - 125
DCB Decachlorobiphenyl	79		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	**Analysis Batch:**	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0125			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	52	Q	70 - 125
DCB Decachlorobiphenyl	71		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2224			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		1.3	U Q	1.1	3.3
4,4'-DDE		0.89	U Q	0.46	3.3
4,4'-DDT		1.3	U Q	1.1	3.9
Aldrin		0.89	U Q	0.49	3.3
alpha-BHC		0.89	U Q	0.41	3.3
beta-BHC		1.3	U Q	1.3	3.3
delta-BHC		1.3	U Q	0.78	3.3
gamma-BHC (Lindane)		1.3	U Q	0.90	3.3
Heptachlor		0.89	U	0.41	3.3
Heptachlor epoxide		1.3	U Q	0.83	3.3
Endosulfan I		0.89	U Q	0.34	3.3
Endosulfan II		0.89	U Q	0.56	3.3
Endosulfan sulfate		0.89	U Q	0.53	3.3
Endrin		0.89	U Q	0.59	3.3
Endrin aldehyde		0.89	U Q	0.33	3.3
Endrin ketone		1.3	U Q	0.95	3.3
gamma-Chlordane		1.3	U Q	0.52	3.3
Methoxychlor		1.3	U Q	0.87	6.4
alpha-Chlordane		0.89	U Q	0.63	3.3
Dieldrin		0.89	U Q	0.41	3.3
Toxaphene		52	U Q	31	330

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59	Q	70 - 125
DCB Decachlorobiphenyl	92		55 - 130

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2224			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		70 - 125
DCB Decachlorobiphenyl	84		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0337			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.83	U D	0.66	2.1
4,4'-DDE		0.56	U D	0.29	2.1
Aldrin		0.56	U D	0.30	2.1
alpha-BHC		0.56	U D	0.26	2.1
beta-BHC		0.83	U D	0.80	2.1
delta-BHC		0.83	U D	0.48	2.1
gamma-BHC (Lindane)		0.83	U D	0.56	2.1
Heptachlor		0.56	U D	0.26	2.1
Heptachlor epoxide		0.83	U D	0.51	2.1
Endosulfan I		0.56	U D	0.21	2.1
Endosulfan II		0.56	U D	0.35	2.1
Endosulfan sulfate		0.56	U D	0.33	2.1
Endrin		0.56	U D	0.37	2.1
Endrin aldehyde		0.56	U D	0.21	2.1
Endrin ketone		0.83	U D	0.59	2.1
gamma-Chlordane		0.83	U D	0.32	2.1
Methoxychlor		0.83	U D	0.54	4.0
alpha-Chlordane		0.56	U D	0.39	2.1
Dieldrin		0.56	U D	0.25	2.1
Toxaphene		33	U D	19	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68	Q	70 - 125
DCB Decachlorobiphenyl	72		55 - 130

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0337			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	53	Q	70 - 125
DCB Decachlorobiphenyl	104		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0142	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDT		8.3	U d	7.1	24

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62	Q D	70 - 125
DCB Decachlorobiphenyl	78	D	55 - 130

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0142	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76	D	70 - 125
DCB Decachlorobiphenyl	62	D	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0701FA

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2241			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.82	U Q	0.65	2.0
4,4'-DDE		0.54	U Q	0.28	2.0
4,4'-DDT		0.82	U Q	0.70	2.4
Aldrin		0.54	U Q	0.30	2.0
alpha-BHC		0.54	U Q	0.25	2.0
beta-BHC		0.82	U Q	0.79	2.0
delta-BHC		0.82	U Q	0.47	2.0
gamma-BHC (Lindane)		0.82	U Q	0.55	2.0
Heptachlor		0.66	J	0.25	2.0
Heptachlor epoxide		0.82	U	0.50	2.0
Endosulfan I		0.54	U Q	0.21	2.0
Endosulfan II		0.54	U Q	0.34	2.0
Endosulfan sulfate		0.54	U Q	0.33	2.0
Endrin		0.54	U Q	0.36	2.0
Endrin aldehyde		0.54	U Q	0.20	2.0
Endrin ketone		0.82	U Q	0.58	2.0
gamma-Chlordane		0.82	U Q	0.31	2.0
Methoxychlor		0.82	U Q	0.53	3.9
alpha-Chlordane		0.54	U Q	0.38	2.0
Dieldrin		0.54	U Q	0.25	2.0
Toxaphene		32	U Q	19	200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66	Q	70 - 125
DCB Decachlorobiphenyl	87		55 - 130

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0701FA

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2241			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		70 - 125
DCB Decachlorobiphenyl	81		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1

Client Matrix: Solid

% Moisture: 23.3

Date Sampled: 09/06/2011 1300

Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2225			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		13	U Q	6.6	43
PCB-1221		26	U Q	20	43
PCB-1232		13	U Q	6.7	43
PCB-1242		13	U Q	12	43
PCB-1248		13	U Q	7.3	43
PCB-1254		13	U Q	7.2	43
PCB-1260		49	J Q	3.4	43

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	323	J Q	60 - 125
Tetrachloro-m-xylene	71		53 - 128

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid
% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2328			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.3	41
PCB-1242		12	U	11	41
PCB-1248		12	U	6.9	41
PCB-1254		12	U	6.8	41
PCB-1260		12	U	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		60 - 125
Tetrachloro-m-xylene	91		53 - 128

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0000			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	39
PCB-1221		24	U	19	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.7	39
PCB-1254		12	U	6.6	39
PCB-1260		12	U	3.2	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		60 - 125
Tetrachloro-m-xylene	98		53 - 128

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid
% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0032			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.4	41
PCB-1242		12	U	11	41
PCB-1248		12	U	7.0	41
PCB-1254		12	U	6.9	41
PCB-1260		12	J	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		60 - 125
Tetrachloro-m-xylene	84		53 - 128

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0032			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		60 - 125
Tetrachloro-m-xylene	81		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0104			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		19	U	9.9	64
PCB-1221		39	U	30	64
PCB-1232		19	U	9.9	64
PCB-1242		19	U	18	64
PCB-1248		19	U	11	64
PCB-1254		19	U	11	64
PCB-1260		27	J	5.1	64

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		60 - 125
Tetrachloro-m-xylene	93		53 - 128

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11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0104			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		60 - 125
Tetrachloro-m-xylene	92		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0136			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	40
PCB-1221		24	U	19	40
PCB-1232		12	U	6.2	40
PCB-1242		12	U	11	40
PCB-1248		12	U	6.8	40
PCB-1254		21	J	6.7	40
PCB-1260		12	U	3.2	40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		60 - 125
Tetrachloro-m-xylene	88		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0136			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		60 - 125
Tetrachloro-m-xylene	86		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0208			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.0	39
PCB-1221		24	U	18	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.6	39
PCB-1254		12	U	6.5	39
PCB-1260		12	U	3.1	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		60 - 125
Tetrachloro-m-xylene	87		53 - 128

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1
Client Matrix: Solid

% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.17 g
Analysis Date:	09/29/2011 2146			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.18	J	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	09/15/2011 1639			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		7.8	J	6.7	40

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4/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0201FA

Lab Sample ID: 280-20042-2
Client Matrix: Solid

% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	09/29/2011 2210			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.17	J	0.048	0.58

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/15/2011 1641			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		10	U	6.8	41

11/16/11

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0301FA

Lab Sample ID: 280-20042-3
Client Matrix: Solid

% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Analysis Date:	09/29/2011 2212			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.10	J	0.049	0.60

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	09/15/2011 1644			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		13	J	6.7	40

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Analysis Date:	09/29/2011 2215			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.61	J	0.052	0.64

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	09/15/2011 1646			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		25	J	6.6	39

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0501FA

Lab Sample ID: 280-20042-5
Client Matrix: Solid

% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Analysis Date:	09/29/2011 2217			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		5.2		0.080	0.97

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	09/15/2011 1648			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		170		10	61



Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6
Client Matrix: Solid

% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	09/29/2011 2220			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.23	J	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	09/15/2011 1651			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		180		6.7	40

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Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7
Client Matrix: Solid

% Moisture: 22.0

Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	09/29/2011 2224			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.11	U	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.69 g
Analysis Date:	09/15/2011 1653			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		9.3	U	6.2	37



Client: FPM Remediations Inc

Job Number: 280-20042-1

General Chemistry

Client Sample ID: TMCSD0101FA

Lab Sample ID: 280-20042-1
Client Matrix: Solid

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 280-85304		Analysis Date: 09/09/2011 1344				DryWt Corrected: N
Percent Solids	77		%	0.10	0.10	1.0	Moisture
	Analysis Batch: 280-85304		Analysis Date: 09/09/2011 1344				DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2
Client Matrix: Solid

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3
Client Matrix: Solid

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: TMCSD0401FA

Lab Sample ID: 280-20042-4
Client Matrix: Solid

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5
Client Matrix: Solid

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	51		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	49		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

Client: FPM Remediations Inc

Job Number: 280-20042-1

General Chemistry

Client Sample ID: TMCSD0601FA

Lab Sample ID: 280-20042-6

Client Matrix: Solid

Date Sampled: 09/06/2011 1320

Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

Client: FPM Remediations Inc

Job Number: 280-20042-1

General Chemistry

Client Sample ID: TMCSD0701FA

Lab Sample ID: 280-20042-7

Client Matrix: Solid

Date Sampled: 09/06/2011 1345

Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

FPM Remediations
Data Verification and Usability Report
GRIFFISS AIR FORCE BASE
Site Griffiss AFB LTM Annual Sampling
Sediment Sampling
Contract No. FA8903-10-D-8595, Delivery Order No. 0014

FPM Project No. 1015-11-01

TestAmerica Job # 280-20041-1

Laboratory:	TestAmerica Laboratories, Inc.
Sample Matrix:	Sediment
Number of Samples:	3
Analytical Protocol:	DOD QSM, version 4.2, as per project-specific UFP QAPP
Data Reviewer:	Connie van Hoesel
Sample Date:	September 6, 2011

LIST OF DATA VERIFICATION SAMPLES

This verification report pertains to the following environmental samples and corresponding QC samples:

Sample ID	Date	QC Samples	Date
SMCSD0401HA	9/6/11	SMCSD0401HC	9/6/11
SMCSD0501HA	9/6/11		

Notes:

Refer to attached chain-of-custody for detailed sampling information and sample specific analyses requested.
HA – Primary environmental samples
HC – Field duplicate sample

DELIVERABLES

The data deliverable report was per requirements of the DOD QSM, version 4.2, as specified in the project-specific QAPP. The report consisted of the following major sections: lab attachment letter, case narrative, chain-of-custody, lab qualifier definitions, analytical results (sheet 2) based on analytical batch, calibration summaries, method blank summaries, laboratory control sample summaries, matrix spike/matrix spike duplicate summaries, holding time forms, performance checks, surrogate and internal standard recoveries, as applicable.

ANALYTICAL METHODS

The analytical test methods and QA/QC requirements used for the sample analyses were per methods as specified in the DOD QSM, version 4.2, with project-specific modifications as listed in the project-specific QAPP. The analytical methods employed included SW-846: Polychlorinated Biphenyls (PCBs) by Method SW8082.

VERIFICATION GUIDANCE

The analytical work was performed by TestAmerica Laboratories, Inc. in accordance with the DOD QSM, version 4.2, and QC requirements of the respective analytical methods and of the project-specific QAPP. The data usability analysis was based on the reviewer's professional judgment and on an assessment of how this data would fare with respect to the DOD QSM, and the criteria as listed in the project-specific QAPP.

QA/QC CRITERIA

The following QA/QC criteria were reviewed for the SVOCs analyses, as applicable:

- Method detection limits and reporting limits (MDL, RL)
- Holding times
- GC/MS tune performance
- Initial and Continuing calibration summaries
- Method blanks
- Field duplicate results
- Matrix spike/matrix spike duplicate (MS/MSD) analysis
- Surrogate spike recoveries
- Internal standard areas counts and retention times
- Laboratory control samples (LCS)
- Results reported between MDL and RL (J-flag)
- Sample storage and preservation
- Data system printouts
- Qualitative and quantitative compound identification
- Chain-of-custody (COC)
- Case narrative and deliverables compliance

The items listed above were in compliance with DOD QSM, version 4.2, and project-specific QAPP criteria and protocols with exceptions discussed in the text below. The data have been verified according to the procedures outlined above and qualified accordingly.

GENERAL NOTES:

SAMPLE LABELING/CHAIN-OF-CUSTODY

No errors in the chain-of-custody were noted. There were no discrepancies noted between the sample labels and the chain-of-custody, or the cooler contents and the chain-of-custody.

PCBs

- Laboratory performance on individual samples is established by means of spiking all samples prior to analysis with surrogate compounds and assessing the percent recoveries. The following table summarizes QC exceedances for samples which exhibited surrogate compound recovery deficiencies. The Sample ID, surrogate compound, percent recoveries, and QC limits are listed.

Sample ID	Surrogate	%Rec	AFCEE QC Limits (%)	Flag Applied	Rationale
SMCSD0501HA (1:1)	Tetrachloro-m-xylene	*46*	53-128	UJ	%Rec less than lower control limit; all results non-detect

If the surrogate recovery is not within AFCEE limits, corrective action shall be implemented: the sample shall be reextracted and reanalyzed. If the corrective action is ineffective in resolving the exceedance, then all analytes associated with the surrogate in that sample are qualified. As per the QAPP, for samples with recoveries greater than the upper control limit, positive sample results are considered estimated (flagged "J"). For samples with surrogate recoveries greater than 10% but less than the lower control limit, positive results are considered estimated (flagged "J") and non-detect results are considered estimated (flagged "UJ"). For samples with surrogate recoveries less than 10%, the results are rejected for the analytes. However, using professional judgment, no corrective action and/or flagging is required for minimal exceedances (i.e., within 1% of the control limits).

Corrective Action: According to the case narrative, the surrogate exceedance can be attributed to obvious matrix interferences, so no corrective action was performed. In accordance with the qualifiers as discussed above for surrogate exceedances below the lower control limit, "UJ" flags for non-detect results would be applicable.

- The normal/field duplicate sample set SMCSD0401HA/SMCSD0401HC was evaluated for RPD exceedances and all results were less than the RL. Therefore, no flagging was deemed necessary.

DATA USABILITY RESULTS

PCBs

Based on the evaluation of all information in the analytical data groups, the results of the samples for PCBs are highly usable with the data qualifiers as noted. Using the verification approach as presented above, the results for all above samples are 100% usable.

DATA USABILITY SUMMARY

All data in Job # 280-20041-1 are valid and usable with qualifications as noted in the data review.

Signed: Concordia van Hoesel Date: 11-21-11

ATTACHMENTS

- Chain-of-Custody
- Laboratory's Case Narrative
- Qualified final data verification results on annotated Lab Sheet 2s

CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Six Mile Creek (SD032)
Report Number: 280-20041-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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
Three samples were received on 09/08/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.8oC.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were analyzed on 09/22/2011.

Please note samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) required a sulfuric acid clean-up to reduce matrix interferences.

Surrogate Tetrachloro-m-xylene was recovered below the QC control limits in sample SMCSD0501HA (280-20041-3). This is an indicator that data may be biased low. This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. The associated data have been flagged "Q" in accordance with the DoD QSM.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 09/09/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _3_ SDG#: _272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0155 Carrier: Test America courier.	Project Name: Griffiss AFB Six Mile Creek (SD032) Sampler Name: Daniel Baldyga Sampler Signature:	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441 Phone: (315) 336-7721 Ext. 207

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SBD/SED	# of Containers	VOCs note 1 4 oz glass jar	VOCs note 1 40 mL vial	PCBs note 2 8 oz glass jar	Comments
SMCSD0401HA	SMCSD-13	9/6	1500	SE	G	N	0/0.5	1		-	1	
SMCSD0401HC	SMCSD-13	9/6	1500	SE	G	FD	0/0.5	1	-	-	1	
SMCSD0501HA	SMCSD-14	9/6	1445	SE	G	N	0/0.5	1	-	-	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)

Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.

Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.

Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Relinquished by: (Sig)	Date:	#2 Relinquished by: (Sig)	Date: 9/7/11	#3 Relinquished by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Remediations, Inc	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/6/11	#2 Received by: (Sig)	Date: 9/7/11	#3 Received by: (Sig)	Date:
Company Name: FPM	Time: 1030	Company Name: TA-Stl	Time: 1200	Company Name:	Time:

MATRIX
WG – Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water
SE = Sediment

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

Client: FPM Remediations Inc

Job Number: 280-20041-1

Client Sample ID: **SMCSD0401HA**

Lab Sample ID: 280-20041-1
Client Matrix: Solid

% Moisture: 18.1

Date Sampled: 09/06/2011 1500
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.8 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0240			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	39
PCB-1221		24	U	19	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.7	39
PCB-1254		12	U	6.6	39
PCB-1260		12	U	3.2	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		60 - 125
Tetrachloro-m-xylene	97		53 - 128

mrt
9/7/11

Client: FPM Remediations Inc

Job Number: 280-20041-1

Client Sample ID: **SMCSD0401HC**

Lab Sample ID: 280-20041-2
Client Matrix: Solid

% Moisture: 21.7

Date Sampled: 09/06/2011 1500
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.0 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0311			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.3	41
PCB-1242		12	U	11	41
PCB-1248		12	U	6.9	41
PCB-1254		12	U	6.8	41
PCB-1260		12	U	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		60 - 125
Tetrachloro-m-xylene	100		53 - 128

11/7/11

Client: FPM Remediations Inc

Job Number: 280-20041-1

Client Sample ID: **SMCSD0501HA**

Lab Sample ID: 280-20041-3
Client Matrix: Solid

% Moisture: 25.3

Date Sampled: 09/06/2011 1445
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0343			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		13	~~UQ~~ UJ	6.4	41
PCB-1221		25	~~UQ~~	20	41
PCB-1232		13	~~UQ~~	6.4	41
PCB-1242		13	~~UQ~~	11	41
PCB-1248		13	~~UQ~~	7.0	41
PCB-1254		13	~~UQ~~	6.9	41
PCB-1260		13	~~UQ~~	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		60 - 125
Tetrachloro-m-xylene	46	Q	53 - 128

11/7/11

General Chemistry

Client Sample ID: **SMCSD0401HA**

Lab Sample ID: 280-20041-1
Client Matrix: Solid

Date Sampled: 09/06/2011 1500
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **SMCSD0401HC**

Lab Sample ID: 280-20041-2
Client Matrix: Solid

Date Sampled: 09/06/2011 1500
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: SMCSD0501HA

Lab Sample ID: 280-20041-3
Client Matrix: Solid

Date Sampled: 09/06/2011 1445
Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

APPENDIX C

Raw Lab Data

ANALYTICAL REPORT

Job Number: 280-20042-1

Job Description: Griffiss AFB Three Mile Creek (SD031)

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga

Approved for release.
Lisa B Uriell
Project Manager I
10/6/2011 1:53 PM

Designee for
Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
10/06/2011

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Three Mile Creek (SD031)
Report Number: 280-20042-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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
Seven samples were received on 09/08/2011; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 2.7°C, and 2.8°C.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were analyzed on 09/21/2011 and 09/22/2011.

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to matrix interference, the following samples had to be analyzed at a dilution as detailed below. The reporting limits have been adjusted relative to the dilution required. The laboratory noted that the sample extract was viscous, and analysis at a lesser dilution would jeopardize the integrity of the instrument.

TMCSD0101FA (280-20042-1) was analyzed at a 4X dilution
TMCSD0501FA (280-20042-5) was analyzed at a 4X dilution
TMCSD0601FA (280-20042-6) was analyzed at a 10X dilution

Surrogate recoveries could not be accurately calculated for the diluted analyses of samples TMCSD0101FA (280-20042-1), TMCSD0501FA (280-20042-5) and TMCSD0601FA (280-20042-6) because the extracts were diluted beyond the ability to quantitate recoveries.

Compounds Benzo(b)fluoranthene and Benzo(k)fluoranthene were unresolved in samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4) and TMCSD0501FA (280-20042-5) due to matrix interferences. It can be noted that these compounds were adequately resolved in associated standards, indicating the instrument is achieving separation. The combined peak was reported as Benzo(b)fluoranthene, while Benzo(k)fluoranthene was reported as undetected even though it may be present. Associated results in the analytical report have been flagged with a “K”.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86705, performed on sample TMCSD0201FA (280-20042-2), were outside control limits for Hexachlorocyclopentadiene. Additionally, the MS/MSD exhibited relative percent difference (RPD) data outside the control limits for Hexachloroethane. The associated laboratory control sample (LCS) recoveries met acceptance criteria, and the sample results have been flagged accordingly.

No other difficulties were encountered during the SVOC analyses.

All other quality control parameters were within the acceptance limits.

ORGANOPHOSPHORUS PESTICIDES
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for organophosphorus pesticides in accordance with EPA SW-846 Method 8081A. The samples were analyzed on 09/21/2011 and 09/22/2011.

Please note samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5) and TMCSD0601FA (280-20042-6) required a sulfuric acid clean-up to reduce matrix interferences.

The following samples were analyzed at two different dilutions, due to the nature of the sample matrix interfering with some of the target compounds and an abundance of non-target analytes. Reporting limits were raised accordingly. Each compound was reported to achieve the lowest possible reporting limit within the constraints of the method. The laboratory noted that the extracts were dark yellow-brown in color. Historically, extracts this color have caused CCVs to recover outside the control limits for 4,4’-DDT and Methoxychlor.

TMCSD0101FA (280-20042-1) was analyzed at a 1X and a 10X dilution
TMCSD0601FA (280-20042-6) was analyzed at a 1X and a 10X dilution

Surrogate recoveries could not be accurately calculated for the diluted analyses of samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6) because the extracts were diluted beyond the ability to quantitate recoveries.

The following samples exhibited surrogate recoveries outside the QC control limits as detailed below. Per TestAmerica Denver's proposed variance to DoD QSM Version 4, the acceptance limits for Tetrachloro-m-xylene in soil samples are 55-125%. The samples listed below met these wider control limits on the primary column, indicating the extraction process was in control. The chromatogram for sample TMCSD0101FA (280-20042-1) indicated obvious matrix interference; therefore corrective action is deemed unnecessary. The sample results associated with failing surrogate recoveries have been flagged “Q” per the DoD QSM.

TMCSD0101FA (280-20042-1) [1X] recovered Tetrachloro-m-xylene at 68% (limits 70-125%) on primary column
TMCSD0101FA (280-20042-1) [1X] recovered Decachlorobiphenyl at 0% (limits 55-130%) on primary column
TMCSD0101FA (280-20042-1) [1X] recovered Tetrachloro-m-xylene at 47% (limits 70-125%) on confirmation column
TMCSD0101FA (280-20042-1) [1X] recovered Decachlorobiphenyl at 0% (limits 55-130%) on confirmation column
TMCSD0101FA (280-20042-1) [10X] recovered Tetrachloro-m-xylene at 59% (limits 70-125%) on primary column
TMCSD0101FA (280-20042-1) [10X] recovered Decachlorobiphenyl at311% (limits 55-130%) on primary column
TMCSD0101FA (280-20042-1) [10X] recovered Tetrachloro-m-xylene at 66% (limits 70-125%) on confirmation column
TMCSD0101FA (280-20042-1) [10X] recovered Decachlorobiphenyl at 1375% (limits 55-130%) on confirmation column
TMCSD0201FA (280-20042-2) recovered Tetrachloro-m-xylene at 57% (limits 70-125%) on primary column
TMCSD0301FA (280-20042-3) recovered Tetrachloro-m-xylene at 64% (limits 70-125%) on primary column
TMCSD0401FA (280-20042-4) recovered Tetrachloro-m-xylene at 62% (limits 70-125%) on primary column
TMCSD0401FA (280-20042-4) recovered Tetrachloro-m-xylene at 52% (limits 70-125%) on confirmation column
TMCSD0501FA (280-20042-5) recovered Tetrachloro-m-xylene at 59% (limits 70-125%) on primary column
TMCSD0601FA (280-20042-6) [1X] recovered Tetrachloro-m-xylene at 68% (limits 70-125%) on primary column
TMCSD0601FA (280-20042-6) [1X] recovered Tetrachloro-m-xylene at 53% (limits 70-125%) on confirmation column
TMCSD0601FA (280-20042-6) [10X] recovered Tetrachloro-m-xylene at 62% (limits 70-125%) on primary column
TMCSD0701FA (280-20042-7) recovered Tetrachloro-m-xylene at 66% (limits 70-125%) on primary column

The Toxaphene matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86062, performed on sample TMCSD0201FA (280-20042-2), were outside control limits for surrogate Tetrachloro-m-xylene. The associated laboratory control sample (LCS) recoveries met acceptance criteria. The results associated with failing surrogate recovery have been flagged “Q” per the DoD QSM.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for prep batch 280-86062, performed on sample TMCSD0101FA (280-20042-1), were outside control limits for several compounds. The associated laboratory control sample (LCS) recoveries met acceptance criteria, and the sample results have been flagged accordingly.

The Continuing Calibration Verifications (CCV) standards associated with samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6) in analytical batch 280-87288 did not meet acceptance criteria for 4,4’-DDT and Methoxychlor as detailed below. Methoxychlor was reported from the front column, where the samples were non-detect (ND) for this analyte. 4,4’-DDT was reported from the diluted analysis of samples TMCSD0101FA (280-20042-1) and TMCSD0601FA (280-20042-6), that were bracketed by acceptable CCVs.

CCVRT	Front column	All compounds in control.
	Rear column	All compounds in control.
CCV2	Front column	All compounds in control.
	Rear column	All compounds in control.

Toxaphene LCS, LCS, 20042-5, -7, Method Blank

CCV3	Front column	All compounds in control.
	Rear column	All compounds in control.

20042-1 [10x], -2, -2 Toxaphene MS, -2 Toxaphene MSD, -3, -4, -6 [10x]

CCV4	Front column	All compounds in control.
	Rear column	All compounds in control.

20042-1 [1x], -1 MS, -1 MSD, -6 [1x]

CCV5	Front column	4,4’-DDT (-25.0%)
	Rear column	4,4’-DDT (-30.4%) and Methoxychlor (-21.0%)

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were analyzed on 09/21/2011 and 09/22/2011.

Please note samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) required a sulfuric acid clean-up to reduce matrix interferences.

Surrogate Decachlorobiphenyl was recovered above the QC control limits in sample TMCSD0101FA (280-20042-1) at 323% (limits 60-125%). This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. The associated data have been flagged "Q" in accordance with the DoD QSM.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were analyzed on 09/29/2011.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were analyzed on 09/15/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Samples TMCSD0101FA (280-20042-1), TMCSD0201FA (280-20042-2), TMCSD0301FA (280-20042-3), TMCSD0401FA (280-20042-4), TMCSD0501FA (280-20042-5), TMCSD0601FA (280-20042-6) and TMCSD0701FA (280-20042-7) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 09/09/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD3 280-83947/12 IC Client Sample ID:

Date Analyzed: 08/31/11 17:27 Lab File ID: 08310020.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Endrin	6.87	Split Peak	reamb	09/01/11 09:37

Lab Sample ID: STD3 280-83947/12 IC Client Sample ID:

Date Analyzed: 08/31/11 17:27 Lab File ID: 08310020.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Endosulfan I	6.36	Split Peak	reamb	09/01/11 09:37

Lab Sample ID: STD2 280-83947/13 IC Client Sample ID:

Date Analyzed: 08/31/11 17:44 Lab File ID: 08310021.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Endrin	6.87	Split Peak	reamb	09/01/11 10:28
Endrin ketone	8.15	Incomplete Integration	reamb	09/01/11 10:17

Lab Sample ID: STD2 280-83947/13 IC Client Sample ID:

Date Analyzed: 08/31/11 17:44 Lab File ID: 08310021.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Endosulfan I	6.36	Split Peak	reamb	09/01/11 09:36

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS P2 Analysis Batch Number: 83947

Lab Sample ID: STD6 280-83947/16 IC Client Sample ID:

Date Analyzed: 08/31/11 18:33 Lab File ID: 08310024.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD6 280-83947/16 IC Client Sample ID:

Date Analyzed: 08/31/11 18:33 Lab File ID: 08310024.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD5 280-83947/17 IC Client Sample ID:

Date Analyzed: 08/31/11 18:50 Lab File ID: 08310025.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:39

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS P2 Analysis Batch Number: 83947

Lab Sample ID: STD5 280-83947/17 IC Client Sample ID:

Date Analyzed: 08/31/11 18:50 Lab File ID: 08310025.D GC Column: CLP2 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Split Peak	reamb	09/01/11 11:26
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD4 280-83947/18 IC Client Sample ID:

Date Analyzed: 08/31/11 19:06 Lab File ID: 08310026.D GC Column: CLP1 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:40

Lab Sample ID: STD4 280-83947/18 IC Client Sample ID:

Date Analyzed: 08/31/11 19:06 Lab File ID: 08310026.D GC Column: CLP2 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:40

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS P2 Analysis Batch Number: 83947

Lab Sample ID: STD3 280-83947/19 IC Client Sample ID:

Date Analyzed: 08/31/11 19:23 Lab File ID: 08310027.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 2	6.40	Split Peak	reamb	09/01/11 09:41
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:41

Lab Sample ID: STD3 280-83947/19 IC Client Sample ID:

Date Analyzed: 08/31/11 19:23 Lab File ID: 08310027.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:41

Lab Sample ID: STD2 280-83947/20 IC Client Sample ID:

Date Analyzed: 08/31/11 19:39 Lab File ID: 08310028.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:42

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD2 280-83947/20 IC Client Sample ID:

Date Analyzed: 08/31/11 19:39 Lab File ID: 08310028.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:42

Lab Sample ID: STD1 280-83947/21 IC Client Sample ID:

Date Analyzed: 08/31/11 19:56 Lab File ID: 08310029.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:43

Lab Sample ID: STD1 280-83947/21 IC Client Sample ID:

Date Analyzed: 08/31/11 19:56 Lab File ID: 08310029.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:43

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: ICV 280-83947/22 Client Sample ID:

Date Analyzed: 08/31/11 20:12 Lab File ID: 08310030.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 2	6.39	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:56

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS P2 Analysis Batch Number: 87288

Lab Sample ID: CCV 280-87288/17 Client Sample ID:

Date Analyzed: 09/21/11 20:13 Lab File ID: 09210025.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 10:25

Lab Sample ID: LCS 280-86062/26-A Client Sample ID:

Date Analyzed: 09/21/11 21:51 Lab File ID: 09210031.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.55	Split Peak	reamb	09/22/11 10:31
Toxaphene Peak 2	6.41	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 10:31
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 10:31

Lab Sample ID: LCS 280-86062/26-A Client Sample ID:

Date Analyzed: 09/21/11 21:51 Lab File ID: 09210031.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	REASON	MANUAL INTEGRATION ANALYST	DATE
Toxaphene Peak 1	5.46	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 10:31

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: CCV 280-87288/30 Client Sample ID:

Date Analyzed: 09/21/11 23:47 Lab File ID: 09210038.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:15

Lab Sample ID: 280-20042-1 DL Client Sample ID: TMCSD0101FA DL

Date Analyzed: 09/22/11 00:03 Lab File ID: 09210039.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDT	7.35	Split Peak	reamb	09/22/11 12:20

Lab Sample ID: 280-20042-2 MS Client Sample ID: TMCSD0201FA MS

Date Analyzed: 09/22/11 00:36 Lab File ID: 09210041.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.85	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 1	5.55	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 2	6.39	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:28

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: 280-20042-2 MS Client Sample ID: TMCSD0201FA MS

Date Analyzed: 09/22/11 00:36 Lab File ID: 09210041.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 2	6.22	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 12:28

Lab Sample ID: 280-20042-2 MSD Client Sample ID: TMCSD0201FA MSD

Date Analyzed: 09/22/11 00:52 Lab File ID: 09210042.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 2	6.40	Split Peak	reamb	09/22/11 12:31
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 12:31
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:31

Lab Sample ID: 280-20042-2 MSD Client Sample ID: TMCSD0201FA MSD

Date Analyzed: 09/22/11 00:52 Lab File ID: 09210042.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	0.00	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 2	6.21	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 12:31

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PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: 280-20042-4 Client Sample ID: TMCSD0401FA

Date Analyzed: 09/22/11 01:25 Lab File ID: 09210044.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDT	7.35	Split Peak	reamb	09/22/11 12:36

Lab Sample ID: CCV 280-87288/40 Client Sample ID:

Date Analyzed: 09/22/11 02:31 Lab File ID: 09210048.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:38

Lab Sample ID: CCV 280-87288/47 Client Sample ID:

Date Analyzed: 09/22/11 05:00 Lab File ID: 09210057.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:54

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PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/9 Client Sample ID:

Date Analyzed: 09/19/11 16:32 Lab File ID: 009F0901.D GC Column: CLP2 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:36
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:36
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:36

Lab Sample ID: IC 280-86911/10 Client Sample ID:

Date Analyzed: 09/19/11 17:04 Lab File ID: 010F1001.D GC Column: CLP2 ID: 0.32 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:35
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:53

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/11 Client Sample ID:

Date Analyzed: 09/19/11 17:35 Lab File ID: 011F1101.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:35
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:53

Lab Sample ID: IC 280-86911/12 Client Sample ID:

Date Analyzed: 09/19/11 18:07 Lab File ID: 012F1201.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:54

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/13 Client Sample ID:

Date Analyzed: 09/19/11 18:39 Lab File ID: 013F1301.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34

Lab Sample ID: IC 280-86911/14 Client Sample ID:

Date Analyzed: 09/19/11 19:11 Lab File ID: 014F1401.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34

9/28/11

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/22 Client Sample ID:

Date Analyzed: 09/19/11 23:25 Lab File ID: 022F2201.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1232		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1262		Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 1	7.80	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 2	8.90	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 3	10.06	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 4	12.48	Baseline Event	jacksonto	09/20/11 08:41
PCB-1232 Peak 5	12.57	Baseline Event	jacksonto	09/20/11 08:41
PCB-1262 Peak 1	15.05	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 2	16.06	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 3	16.72	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 4	17.31	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 5	18.11	Baseline Event	jacksonto	09/20/11 08:57

Lab Sample ID: IC 280-86911/25 Client Sample ID:

Date Analyzed: 09/20/11 01:00 Lab File ID: 025F2501.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1262		Baseline Event	jacksonto	09/20/11 00:00
PCB-1262 Peak 1	15.05	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 2	16.06	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 3	16.72	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 4	17.31	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 5	18.12	Baseline Event	jacksonto	09/20/11 08:57

9/28/11

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/29 Client Sample ID:

Date Analyzed: 09/20/11 03:07 Lab File ID: 029F2901.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1242		Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 1	8.90	Baseline Event	jacksonto	09/20/11 08:48
PCB-1242 Peak 2	10.06	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 3	11.84	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 4	12.57	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 5	13.10	Baseline Event	jacksonto	09/20/11 00:00

Lab Sample ID: ICV 280-86911/37 Client Sample ID:

Date Analyzed: 09/20/11 07:21 Lab File ID: 037F3701.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 09:02
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 09:02
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 09:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 87305

Lab Sample ID: CCVRT 280-87305/1 Client Sample ID:

Date Analyzed: 09/20/11 11:26 Lab File ID: 003F0301.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	20.72	Baseline Event	jacksonto	09/20/11 12:01

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 80428

Lab Sample ID: ICIS 280-80428/2 Client Sample ID:

Date Analyzed: 08/05/11 15:11 Lab File ID: K1556.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:52

Lab Sample ID: STD050 280-80428/5 IC Client Sample ID:

Date Analyzed: 08/05/11 16:16 Lab File ID: K1559.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:56

Lab Sample ID: STD120 280-80428/6 IC Client Sample ID:

Date Analyzed: 08/05/11 16:37 Lab File ID: K1560.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:57

Lab Sample ID: STD160 280-80428/7 IC Client Sample ID:

Date Analyzed: 08/05/11 16:59 Lab File ID: K1561.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 80428

Lab Sample ID: STD200 280-80428/8 IC Client Sample ID:

Date Analyzed: 08/05/11 17:20 Lab File ID: K1562.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.59	Split Peak	kiekeld	08/09/11 08:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 87309

Lab Sample ID: 280-20042-1 Client Sample ID: TMCSD0101FA

Date Analyzed: 09/21/11 22:26 Lab File ID: K1799.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:16

Lab Sample ID: 280-20042-3 Client Sample ID: TMCSD0301FA

Date Analyzed: 09/21/11 23:46 Lab File ID: K1803.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

Lab Sample ID: 280-20042-4 Client Sample ID: TMCSD0401FA

Date Analyzed: 09/22/11 00:06 Lab File ID: K1804.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

Lab Sample ID: 280-20042-5 Client Sample ID: TMCSD0501FA

Date Analyzed: 09/22/11 00:26 Lab File ID: K1805.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 87309

Lab Sample ID: 280-20042-6 Client Sample ID: TMCSD0601FA

Date Analyzed: 09/22/11 00:46 Lab File ID: K1806.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:18

Lab Sample ID: 280-20042-7 Client Sample ID: TMCSD0701FA

Date Analyzed: 09/22/11 01:06 Lab File ID: K1807.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:18

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD3 280-83947/12 IC Client Sample ID:

Date Analyzed: 08/31/11 17:27 Lab File ID: 08310020.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	6.87	Split Peak	reamb	09/01/11 09:37

Lab Sample ID: STD3 280-83947/12 IC Client Sample ID:

Date Analyzed: 08/31/11 17:27 Lab File ID: 08310020.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endosulfan I	6.36	Split Peak	reamb	09/01/11 09:37

Lab Sample ID: STD2 280-83947/13 IC Client Sample ID:

Date Analyzed: 08/31/11 17:44 Lab File ID: 08310021.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	6.87	Split Peak	reamb	09/01/11 10:28
Endrin ketone	8.15	Incomplete Integration	reamb	09/01/11 10:17

Lab Sample ID: STD2 280-83947/13 IC Client Sample ID:

Date Analyzed: 08/31/11 17:44 Lab File ID: 08310021.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endosulfan I	6.36	Split Peak	reamb	09/01/11 09:36

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD6 280-83947/16 IC Client Sample ID:

Date Analyzed: 08/31/11 18:33 Lab File ID: 08310024.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD6 280-83947/16 IC Client Sample ID:

Date Analyzed: 08/31/11 18:33 Lab File ID: 08310024.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD5 280-83947/17 IC Client Sample ID:

Date Analyzed: 08/31/11 18:50 Lab File ID: 08310025.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:39

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD5 280-83947/17 IC Client Sample ID:

Date Analyzed: 08/31/11 18:50 Lab File ID: 08310025.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Split Peak	reamb	09/01/11 11:26
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:39
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:39

Lab Sample ID: STD4 280-83947/18 IC Client Sample ID:

Date Analyzed: 08/31/11 19:06 Lab File ID: 08310026.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:40

Lab Sample ID: STD4 280-83947/18 IC Client Sample ID:

Date Analyzed: 08/31/11 19:06 Lab File ID: 08310026.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:40
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:40

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD3 280-83947/19 IC Client Sample ID:

Date Analyzed: 08/31/11 19:23 Lab File ID: 08310027.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 2	6.40	Split Peak	reamb	09/01/11 09:41
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:41

Lab Sample ID: STD3 280-83947/19 IC Client Sample ID:

Date Analyzed: 08/31/11 19:23 Lab File ID: 08310027.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:41
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:41

Lab Sample ID: STD2 280-83947/20 IC Client Sample ID:

Date Analyzed: 08/31/11 19:39 Lab File ID: 08310028.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:42

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: STD2 280-83947/20 IC Client Sample ID:

Date Analyzed: 08/31/11 19:39 Lab File ID: 08310028.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:42
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:42

Lab Sample ID: STD1 280-83947/21 IC Client Sample ID:

Date Analyzed: 08/31/11 19:56 Lab File ID: 08310029.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:43

Lab Sample ID: STD1 280-83947/21 IC Client Sample ID:

Date Analyzed: 08/31/11 19:56 Lab File ID: 08310029.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/01/11 09:43
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/01/11 09:43

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 83947

Lab Sample ID: ICV 280-83947/22 Client Sample ID:

Date Analyzed: 08/31/11 20:12 Lab File ID: 08310030.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 2	6.39	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/01/11 09:56
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/01/11 09:56

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: CCV 280-87288/17 Client Sample ID:

Date Analyzed: 09/21/11 20:13 Lab File ID: 09210025.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 10:25
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 10:25

Lab Sample ID: LCS 280-86062/26-A Client Sample ID:

Date Analyzed: 09/21/11 21:51 Lab File ID: 09210031.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Split Peak	reamb	09/22/11 10:31
Toxaphene Peak 2	6.41	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 10:31
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 10:31

Lab Sample ID: LCS 280-86062/26-A Client Sample ID:

Date Analyzed: 09/21/11 21:51 Lab File ID: 09210031.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION REASON	ANALYST	DATE
Toxaphene Peak 1	5.46	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 2	6.22	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 10:31
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 10:31

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: CCV 280-87288/30 Client Sample ID:

Date Analyzed: 09/21/11 23:47 Lab File ID: 09210038.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:15
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:15

Lab Sample ID: 280-20042-1 DL Client Sample ID: TMCSD0101FA DL

Date Analyzed: 09/22/11 00:03 Lab File ID: 09210039.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDT	7.35	Split Peak	reamb	09/22/11 12:20

Lab Sample ID: 280-20042-2 MS Client Sample ID: TMCSD0201FA MS

Date Analyzed: 09/22/11 00:36 Lab File ID: 09210041.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloro-m-xylene	3.85	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 1	5.55	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 2	6.39	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:28

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: 280-20042-2 MS Client Sample ID: TMCSD0201FA MS

Date Analyzed: 09/22/11 00:36 Lab File ID: 09210041.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.48	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 2	6.22	Split Peak	reamb	09/22/11 12:28
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 12:28
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 12:28

Lab Sample ID: 280-20042-2 MSD Client Sample ID: TMCSD0201FA MSD

Date Analyzed: 09/22/11 00:52 Lab File ID: 09210042.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 2	6.40	Split Peak	reamb	09/22/11 12:31
Toxaphene Peak 3	6.95	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 4	7.40	Split Peak	reamb	09/22/11 12:31
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:31

Lab Sample ID: 280-20042-2 MSD Client Sample ID: TMCSD0201FA MSD

Date Analyzed: 09/22/11 00:52 Lab File ID: 09210042.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	0.00	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 2	6.21	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 3	6.91	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 4	7.47	Baseline Smoothing	reamb	09/22/11 12:31
Toxaphene Peak 5	8.04	Baseline Smoothing	reamb	09/22/11 12:31

PESTICIDES MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Analysis Batch Number: 87288

Lab Sample ID: 280-20042-4 Client Sample ID: TMCSD0401FA

Date Analyzed: 09/22/11 01:25 Lab File ID: 09210044.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDT	7.35	Split Peak	reamb	09/22/11 12:36

Lab Sample ID: CCV 280-87288/40 Client Sample ID:

Date Analyzed: 09/22/11 02:31 Lab File ID: 09210048.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.54	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:38
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:38

Lab Sample ID: CCV 280-87288/47 Client Sample ID:

Date Analyzed: 09/22/11 05:00 Lab File ID: 09210057.D GC Column: CLP1 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	5.55	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 2	6.40	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 3	6.96	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 4	7.40	Baseline Smoothing	reamb	09/22/11 12:54
Toxaphene Peak 5	7.89	Baseline Smoothing	reamb	09/22/11 12:54

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/9 Client Sample ID:

Date Analyzed: 09/19/11 16:32 Lab File ID: 009F0901.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:36
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:36
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:36

Lab Sample ID: IC 280-86911/10 Client Sample ID:

Date Analyzed: 09/19/11 17:04 Lab File ID: 010F1001.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:35
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:53

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/11 Client Sample ID:

Date Analyzed: 09/19/11 17:35 Lab File ID: 011F1101.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:35
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:35
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:53
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:53

Lab Sample ID: IC 280-86911/12 Client Sample ID:

Date Analyzed: 09/19/11 18:07 Lab File ID: 012F1201.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1254		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34
PCB-1254 Peak 1	12.56	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 2	13.04	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 3	14.08	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 4	15.05	Baseline Event	jacksonto	09/20/11 08:54
PCB-1254 Peak 5	15.84	Baseline Event	jacksonto	09/20/11 08:54

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/13 Client Sample ID:

Date Analyzed: 09/19/11 18:39 Lab File ID: 013F1301.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34

Lab Sample ID: IC 280-86911/14 Client Sample ID:

Date Analyzed: 09/19/11 19:11 Lab File ID: 014F1401.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 08:34
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 08:34

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/22 Client Sample ID:

Date Analyzed: 09/19/11 23:25 Lab File ID: 022F2201.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1232		Baseline Event	jacksonto	09/20/11 00:00
Aroclor-1262		Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 1	7.80	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 2	8.90	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 3	10.06	Baseline Event	jacksonto	09/20/11 00:00
PCB-1232 Peak 4	12.48	Baseline Event	jacksonto	09/20/11 08:41
PCB-1232 Peak 5	12.57	Baseline Event	jacksonto	09/20/11 08:41
PCB-1262 Peak 1	15.05	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 2	16.06	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 3	16.72	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 4	17.31	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 5	18.11	Baseline Event	jacksonto	09/20/11 08:57

Lab Sample ID: IC 280-86911/25 Client Sample ID:

Date Analyzed: 09/20/11 01:00 Lab File ID: 025F2501.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1262		Baseline Event	jacksonto	09/20/11 00:00
PCB-1262 Peak 1	15.05	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 2	16.06	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 3	16.72	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 4	17.31	Baseline Event	jacksonto	09/20/11 08:57
PCB-1262 Peak 5	18.12	Baseline Event	jacksonto	09/20/11 08:57

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 86911

Lab Sample ID: IC 280-86911/29 Client Sample ID:

Date Analyzed: 09/20/11 03:07 Lab File ID: 029F2901.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Aroclor-1242		Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 1	8.90	Baseline Event	jacksonto	09/20/11 08:48
PCB-1242 Peak 2	10.06	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 3	11.84	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 4	12.57	Baseline Event	jacksonto	09/20/11 00:00
PCB-1242 Peak 5	13.10	Baseline Event	jacksonto	09/20/11 00:00

Lab Sample ID: ICV 280-86911/37 Client Sample ID:

Date Analyzed: 09/20/11 07:21 Lab File ID: 037F3701.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221		Baseline Event	jacksonto	09/20/11 00:00
PCB-1221 Peak 1	7.25	Baseline Event	jacksonto	09/20/11 09:02
PCB-1221 Peak 2	7.64	Baseline Event	jacksonto	09/20/11 09:02
PCB-1221 Peak 3	7.80	Baseline Event	jacksonto	09/20/11 09:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Analysis Batch Number: 87305

Lab Sample ID: CCVRT 280-87305/1 Client Sample ID:

Date Analyzed: 09/20/11 11:26 Lab File ID: 003F0301.D GC Column: CLP2 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
DCB Decachlorobiphenyl	20.72	Baseline Event	jacksonto	09/20/11 12:01

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 80428

Lab Sample ID: ICIS 280-80428/2 Client Sample ID:

Date Analyzed: 08/05/11 15:11 Lab File ID: K1556.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:52

Lab Sample ID: STD050 280-80428/5 IC Client Sample ID:

Date Analyzed: 08/05/11 16:16 Lab File ID: K1559.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:56

Lab Sample ID: STD120 280-80428/6 IC Client Sample ID:

Date Analyzed: 08/05/11 16:37 Lab File ID: K1560.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:57

Lab Sample ID: STD160 280-80428/7 IC Client Sample ID:

Date Analyzed: 08/05/11 16:59 Lab File ID: K1561.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.58	Split Peak	kiekeld	08/09/11 08:58

GMS 10/5/11

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 80428

Lab Sample ID: STD200 280-80428/8 IC Client Sample ID:

Date Analyzed: 08/05/11 17:20 Lab File ID: K1562.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha,alpha-Dimethyl phenethylamine	5.59	Split Peak	kiekeld	08/09/11 08:58

GMB 10/5/11

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 87309

Lab Sample ID: 280-20042-1 Client Sample ID: TMCSD0101FA

Date Analyzed: 09/21/11 22:26 Lab File ID: K1799.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:16

Lab Sample ID: 280-20042-3 Client Sample ID: TMCSD0301FA

Date Analyzed: 09/21/11 23:46 Lab File ID: K1803.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

Lab Sample ID: 280-20042-4 Client Sample ID: TMCSD0401FA

Date Analyzed: 09/22/11 00:06 Lab File ID: K1804.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

Lab Sample ID: 280-20042-5 Client Sample ID: TMCSD0501FA

Date Analyzed: 09/22/11 00:26 Lab File ID: K1805.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:17

9 MS
10/5/11

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Analysis Batch Number: 87309

Lab Sample ID: 280-20042-6 Client Sample ID: TMCSD0601FA

Date Analyzed: 09/22/11 00:46 Lab File ID: K1806.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:18

Lab Sample ID: 280-20042-7 Client Sample ID: TMCSD0701FA

Date Analyzed: 09/22/11 01:06 Lab File ID: K1807.D GC Column: Vf-5MS ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzaldehyde	4.14	Analyte not Identified by the Data System	kiekeld	09/22/11 12:18

9 MS 10/5/11

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-20042-1	TMCSD0101FA	Solid	09/06/2011 1300	09/08/2011 0900
280-20042-2	TMCSD0201FA	Solid	09/06/2011 1400	09/08/2011 0900
280-20042-3	TMCSD0301FA	Solid	09/06/2011 1420	09/08/2011 0900
280-20042-4	TMCSD0401FA	Solid	09/06/2011 1250	09/08/2011 0900
280-20042-5	TMCSD0501FA	Solid	09/06/2011 1230	09/08/2011 0900
280-20042-6	TMCSD0601FA	Solid	09/06/2011 1320	09/08/2011 0900
280-20042-7	TMCSD0701FA	Solid	09/06/2011 1345	09/08/2011 0900

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-20042-1	**TMCSD0101FA**					
Acenaphthene		62	J D	1600	ug/Kg	8270C/DoD
Anthracene		170	J D	1600	ug/Kg	8270C/DoD
Benzo[a]anthracene		460	J D	1600	ug/Kg	8270C/DoD
Benzo[a]pyrene		370	J D	1600	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		670	J K D	1600	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		210	J D	1600	ug/Kg	8270C/DoD
Chrysene		410	J D	1600	ug/Kg	8270C/DoD
Fluoranthene		930	J D	1600	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		190	J D	1600	ug/Kg	8270C/DoD
Phenanthrene		700	J D	1600	ug/Kg	8270C/DoD
Pyrene		740	J D	1900	ug/Kg	8270C/DoD
4,4'-DDT		9.1	Q J D M	26	ug/Kg	8081A
Endosulfan II		0.68	Q J	2.2	ug/Kg	8081A
PCB-1260		49	Q	43	ug/Kg	8082
Cadmium		0.18	J	0.56	mg/Kg	6010B
Mercury		7.8	J	40	ug/Kg	7471A
Percent Moisture		23		0.10	%	Moisture
Percent Solids		77		0.10	%	Moisture
280-20042-2	**TMCSD0201FA**					
Benzo[a]anthracene		45	J	390	ug/Kg	8270C/DoD
Benzo[a]pyrene		43	J	390	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		86	J K	390	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		31	J	390	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		130	J	390	ug/Kg	8270C/DoD
Chrysene		58	J	390	ug/Kg	8270C/DoD
Fluoranthene		91	J	390	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		28	J	390	ug/Kg	8270C/DoD
Phenanthrene		48	J	390	ug/Kg	8270C/DoD
Phenol		23	J	390	ug/Kg	8270C/DoD
Pyrene		73	J	480	ug/Kg	8270C/DoD
beta-BHC		1.9	J	2.1	ug/Kg	8081A
Dieldrin		0.32	J	2.1	ug/Kg	8081A
Cadmium		0.17	J	0.58	mg/Kg	6010B
Percent Moisture		22		0.10	%	Moisture
Percent Solids		78		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-20042-3	**TMCSD0301FA**					
Benzo[a]anthracene		36	J	410	ug/Kg	8270C/DoD
Benzo[a]pyrene		38	J	410	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		76	J K	410	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		31	J	410	ug/Kg	8270C/DoD
Benzyl alcohol		14	J	410	ug/Kg	8270C/DoD
Chrysene		45	J	410	ug/Kg	8270C/DoD
Fluoranthene		68	J	410	ug/Kg	8270C/DoD
Phenanthrene		35	J	410	ug/Kg	8270C/DoD
Phenol		36	J	410	ug/Kg	8270C/DoD
Pyrene		60	J	500	ug/Kg	8270C/DoD
Cadmium		0.10	J	0.60	mg/Kg	6010B
Mercury		13	J	40	ug/Kg	7471A
Percent Moisture		22		0.10	%	Moisture
Percent Solids		78		0.10	%	Moisture
280-20042-4	**TMCSD0401FA**					
Benzo[a]anthracene		59	J	420	ug/Kg	8270C/DoD
Benzo[a]pyrene		61	J	420	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		110	J K	420	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		43	J	420	ug/Kg	8270C/DoD
Benzyl alcohol		13	J	420	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		88	J	420	ug/Kg	8270C/DoD
Chrysene		77	J	420	ug/Kg	8270C/DoD
Fluoranthene		120	J	420	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		35	J	420	ug/Kg	8270C/DoD
Phenanthrene		64	J	420	ug/Kg	8270C/DoD
Phenol		31	J	420	ug/Kg	8270C/DoD
Pyrene		110	J	510	ug/Kg	8270C/DoD
4,4'-DDT		1.8	J Q	2.5	ug/Kg	8081A
Dieldrin		0.49	Q J	2.1	ug/Kg	8081A
PCB-1260		12	J	41	ug/Kg	8082
Cadmium		0.61	J	0.64	mg/Kg	6010B
Mercury		25	J	39	ug/Kg	7471A
Percent Moisture		24		0.10	%	Moisture
Percent Solids		76		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-20042-5	**TMCSD0501FA**					
Acenaphthene		89	J D	2600	ug/Kg	8270C/DoD
Anthracene		300	J D	2600	ug/Kg	8270C/DoD
Benzo[a]anthracene		1100	J D	2600	ug/Kg	8270C/DoD
Benzo[a]pyrene		1000	J D	2600	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		1900	J K D	2600	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		600	J D	2600	ug/Kg	8270C/DoD
Chrysene		1200	J D	2600	ug/Kg	8270C/DoD
Fluoranthene		2200	J D	2600	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		550	J D	2600	ug/Kg	8270C/DoD
Phenanthrene		1200	J D	2600	ug/Kg	8270C/DoD
Pyrene		1900	J D	3200	ug/Kg	8270C/DoD
PCB-1260		27	J	64	ug/Kg	8082
Cadmium		5.2		0.97	mg/Kg	6010B
Mercury		170		61	ug/Kg	7471A
Percent Moisture		51		0.10	%	Moisture
Percent Solids		49		0.10	%	Moisture
280-20042-6	**TMCSD0601FA**					
Pyrene		150	J D	4800	ug/Kg	8270C/DoD
PCB-1254		21	J	40	ug/Kg	8082
Cadmium		0.23	J	0.56	mg/Kg	6010B
Mercury		180		40	ug/Kg	7471A
Percent Moisture		21		0.10	%	Moisture
Percent Solids		79		0.10	%	Moisture
280-20042-7	**TMCSD0701FA**					
Phenol		36	J	400	ug/Kg	8270C/DoD
Heptachlor		0.66	J	2.0	ug/Kg	8081A
Percent Moisture		22		0.10	%	Moisture
Percent Solids		78		0.10	%	Moisture

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-20042-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Semivolatile Organic Compounds (GC/MS)	TAL DEN	SW846 8270C/DoD	
Ultrasonic Extraction			SW846 3550C
Organochlorine Pesticides (GC)	TAL DEN	SW846 8081A	
Microwave Extraction			SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL DEN	SW846 8082	
Microwave Extraction			SW846 3546
Metals (ICP)	TAL DEN	SW846 6010B	
Preparation, Metals			SW846 3050B
Mercury (CVAA)	TAL DEN	SW846 7471A	
Preparation, Mercury			SW846 7471A
Percent Moisture	TAL DEN	EPA Moisture	

Lab References:

TAL DEN = TestAmerica Denver

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: FPM Remediations Inc

Job Number: 280-20042-1

Method	Analyst	Analyst ID
SW846 8270C/DoD	Kiekel, Daniel C	DCK
SW846 8081A	Ream, Brian E	BER
SW846 8082	Jackson, Todd D	TDJ
SW846 6010B	Bowen, Heidi E	HEB
SW846 7471A	Bowen, Heidi E	HEB
EPA Moisture	Taylor, Juli M	JMT

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1799.D
Dilution:	4.0			Initial Weight/Volume:	32.8 g
Analysis Date:	09/21/2011 2226			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		160	U D	240	1600
1,2,4,5-Tetrachlorobenzene		160	U D	230	1600
1,2,4-Trichlorobenzene		160	U D	130	1600
1,2-Dichlorobenzene		160	U D	100	1600
1,2-Diphenylhydrazine		160	U D	100	1600
1,3-Dichlorobenzene		160	U D	57	1600
1,4-Dichlorobenzene		160	U D	65	1600
2,2'-oxybis[1-chloropropane]		160	U D	110	1600
2,3,4,6-Tetrachlorophenol		160	U D	650	7600
2,4,5-Trichlorophenol		620	U D	48	1600
2,4,6-Trichlorophenol		310	U D	48	1600
2,4-Dichlorophenol		310	U D	48	1600
2,4-Dimethylphenol		620	U D	310	1600
2,4-Dinitrophenol		3200	U D	1600	7600
2,4-Dinitrotoluene		620	U D	310	1600
2,6-Dichlorophenol		620	U D	330	1600
2,6-Dinitrotoluene		310	U D	130	1600
2-Chloronaphthalene		160	U D	48	1600
2-Chlorophenol		160	U D	100	1600
2-Methylnaphthalene		160	U D	91	1600
2-Methylphenol		160	U D	62	1600
2-Nitroaniline		310	U D	240	7600
2-Nitrophenol		310	U D	48	1600
3 & 4 Methylphenol		310	U D	160	1600
3,3'-Dichlorobenzidine		1600	U D	430	7600
3-Nitroaniline		630	U D	350	7600
4,6-Dinitro-2-methylphenol		3100	U D	1600	7600
4-Bromophenyl phenyl ether		160	U D	91	1600
4-Chloro-3-methylphenol		620	U D	310	1600
4-Chloroaniline		620	U D	390	1600
4-Chlorophenyl phenyl ether		310	U D	100	1600
4-Nitroaniline		620	U D	350	7600
4-Nitrophenol		1600	U D	460	7600
Acenaphthene		62	J D	49	1600
Acenaphthylene		160	U D	81	1600
Acetophenone		160	U D	95	1600
Anthracene		170	J D	81	1600
Atrazine		620	U D	180	1600
Benzaldehyde		320	U M D	190	1600
Benzidine		19000	U D	4700	19000
Benzo[a]anthracene		460	J D	95	1600
Benzo[a]pyrene		370	J D	95	1600
Benzo[b]fluoranthene		670	J K D	120	1600
Benzo[g,h,i]perylene		210	J D	76	1600
Benzo[k]fluoranthene		310	U K D	190	1600
Benzoic acid		3100	U D	1600	7600

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1799.D
Dilution:	4.0			Initial Weight/Volume:	32.8 g
Analysis Date:	09/21/2011 2226			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		160	U D	48	1600
Bis(2-chloroethoxy)methane		310	U D	110	1600
Bis(2-chloroethyl)ether		160	U D	79	1600
Bis(2-ethylhexyl) phthalate		310	U D	220	1600
Butyl benzyl phthalate		310	U D	210	1600
Caprolactam		1600	U D	510	7600
Carbazole		320	U D	170	1600
Chrysene		410	J D	130	1600
Dibenz(a,h)anthracene		160	U D	91	1600
Dibenzofuran		160	U D	95	1600
Diethyl phthalate		160	U D	120	3100
Dimethyl phthalate		160	U D	110	1600
Di-n-butyl phthalate		160	U D	140	1600
Di-n-octyl phthalate		310	U D	69	1600
Fluoranthene		930	J D	170	1600
Fluorene		160	U D	86	1600
Hexachlorobenzene		310	U D	140	1600
Hexachlorobutadiene		310	U D	48	1600
Hexachlorocyclopentadiene		310	U D	240	8100
Hexachloroethane		160	U D	100	1600
Indeno[1,2,3-cd]pyrene		190	J D	100	1600
Isophorone		160	U D	81	1600
Naphthalene		310	U D	150	1600
Nitrobenzene		160	U D	100	1600
N-Nitrosodimethylamine		310	U D	180	2500
N-Nitrosodi-n-propylamine		310	U D	150	1600
N-Nitrosodiphenylamine		160	U D	100	1600
N-Nitrosopyrrolidine		620	U D	310	1600
Pentachlorophenol		3200	U D	1600	7600
Phenanthrene		700	J D	81	1600
Phenol		160	U D	86	1600
Pyrene		740	J D	58	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	88	D	35 - 125
2-Fluorobiphenyl	80	D	45 - 105
2-Fluorophenol (Surr)	70	D	35 - 105
Nitrobenzene-d5 (Surr)	70	D	35 - 100
Phenol-d5 (Surr)	78	D	40 - 100
Terphenyl-d14 (Surr)	94	D	30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2 | Date Sampled: 09/06/2011 1400
Client Matrix: Solid | % Moisture: 21.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87836	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1847.D
Dilution:	1.0			Initial Weight/Volume:	32.2 g
Analysis Date:	09/22/2011 2030			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		39	U	60	390
1,2,4,5-Tetrachlorobenzene		39	U	58	390
1,2,4-Trichlorobenzene		39	U	33	390
1,2-Dichlorobenzene		39	U	26	390
1,2-Diphenylhydrazine		39	U	26	390
1,3-Dichlorobenzene		39	U	14	390
1,4-Dichlorobenzene		39	U	16	390
2,2'-oxybis[1-chloropropane]		39	U	27	390
2,3,4,6-Tetrachlorophenol		39	U	160	1900
2,4,5-Trichlorophenol		150	U	12	390
2,4,6-Trichlorophenol		79	U	12	390
2,4-Dichlorophenol		79	U	12	390
2,4-Dimethylphenol		150	U	79	390
2,4-Dinitrophenol		800	U	400	1900
2,4-Dinitrotoluene		150	U	79	390
2,6-Dichlorophenol		150	U	82	390
2,6-Dinitrotoluene		79	U	33	390
2-Chloronaphthalene		39	U	12	390
2-Chlorophenol		39	U	25	390
2-Methylnaphthalene		39	U	23	390
2-Methylphenol		39	U	15	390
2-Nitroaniline		79	U	60	1900
2-Nitrophenol		79	U	12	390
3 & 4 Methylphenol		79	U	39	390
3,3'-Dichlorobenzidine		390	U	110	1900
3-Nitroaniline		160	U	87	1900
4,6-Dinitro-2-methylphenol		790	U	390	1900
4-Bromophenyl phenyl ether		39	U	23	390
4-Chloro-3-methylphenol		150	U	79	390
4-Chloroaniline		150	U	98	390
4-Chlorophenyl phenyl ether		79	U	25	390
4-Nitroaniline		150	U	86	1900
4-Nitrophenol		390	U	120	1900
Acenaphthene		20	U	12	390
Acenaphthylene		39	U	20	390
Acetophenone		39	U	24	390
Anthracene		39	U	20	390
Atrazine		150	U	44	390
Benzaldehyde		80	U	46	390
Benzidine		4700	U	1200	4800
Benzo[a]anthracene		45	J	24	390
Benzo[a]pyrene		43	J	24	390
Benzo[b]fluoranthene		86	J K	31	390
Benzo[g,h,i]perylene		31	J	19	390
Benzo[k]fluoranthene		79	U K	48	390
Benzoic acid		790	U	390	1900

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2 | Date Sampled: 09/06/2011 1400
Client Matrix: Solid | % Moisture: 21.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87836	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1847.D
Dilution:	1.0			Initial Weight/Volume:	32.2 g
Analysis Date:	09/22/2011 2030			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		39	U	12	390
Bis(2-chloroethoxy)methane		79	U	27	390
Bis(2-chloroethyl)ether		39	U	20	390
Bis(2-ethylhexyl) phthalate		130	J	55	390
Butyl benzyl phthalate		79	U	51	390
Caprolactam		390	U	130	1900
Carbazole		80	U	43	390
Chrysene		58	J	32	390
Dibenz(a,h)anthracene		39	U	23	390
Dibenzofuran		39	U	24	390
Diethyl phthalate		39	U	31	790
Dimethyl phthalate		39	U	27	390
Di-n-butyl phthalate		39	U	35	390
Di-n-octyl phthalate		79	U	17	390
Fluoranthene		91	J	43	390
Fluorene		39	U	21	390
Hexachlorobenzene		79	U	35	390
Hexachlorobutadiene		79	U	12	390
Hexachlorocyclopentadiene		79	U J	60	2000
Hexachloroethane		39	U J	25	390
Indeno[1,2,3-cd]pyrene		28	J	26	390
Isophorone		39	U	20	390
Naphthalene		79	U	37	390
Nitrobenzene		39	U	26	390
N-Nitrosodimethylamine		79	U	44	620
N-Nitrosodi-n-propylamine		79	U	37	390
N-Nitrosodiphenylamine		39	U	25	390
N-Nitrosopyrrolidine		150	U	76	390
Pentachlorophenol		800	U	390	1900
Phenanthrene		48	J	20	390
Phenol		23	J	21	390
Pyrene		73	J	14	480

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86		35 - 125
2-Fluorobiphenyl	60		45 - 105
2-Fluorophenol (Surr)	53		35 - 105
Nitrobenzene-d5 (Surr)	53		35 - 100
Phenol-d5 (Surr)	58		40 - 100
Terphenyl-d14 (Surr)	79		30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 | Date Sampled: 09/06/2011 1420
Client Matrix: Solid | % Moisture: 21.6 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1803.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/21/2011 2346			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		41	U	63	410
1,2,4,5-Tetrachlorobenzene		41	U	62	410
1,2,4-Trichlorobenzene		41	U	35	410
1,2-Dichlorobenzene		41	U	28	410
1,2-Diphenylhydrazine		41	U	28	410
1,3-Dichlorobenzene		41	U	15	410
1,4-Dichlorobenzene		41	U	17	410
2,2'-oxybis[1-chloropropane]		41	U	29	410
2,3,4,6-Tetrachlorophenol		41	U	170	2000
2,4,5-Trichlorophenol		160	U	13	410
2,4,6-Trichlorophenol		83	U	13	410
2,4-Dichlorophenol		83	U	13	410
2,4-Dimethylphenol		160	U	83	410
2,4-Dinitrophenol		840	U	420	2000
2,4-Dinitrotoluene		160	U	83	410
2,6-Dichlorophenol		160	U	87	410
2,6-Dinitrotoluene		83	U	35	410
2-Chloronaphthalene		41	U	13	410
2-Chlorophenol		41	U	26	410
2-Methylnaphthalene		41	U	24	410
2-Methylphenol		41	U	16	410
2-Nitroaniline		83	U	63	2000
2-Nitrophenol		83	U	13	410
3 & 4 Methylphenol		83	U	41	410
3,3'-Dichlorobenzidine		410	U	110	2000
3-Nitroaniline		170	U	92	2000
4,6-Dinitro-2-methylphenol		830	U	410	2000
4-Bromophenyl phenyl ether		41	U	24	410
4-Chloro-3-methylphenol		160	U	83	410
4-Chloroaniline		160	U	100	410
4-Chlorophenyl phenyl ether		83	U	26	410
4-Nitroaniline		160	U	91	2000
4-Nitrophenol		410	U	120	2000
Acenaphthene		21	U	13	410
Acenaphthylene		41	U	21	410
Acetophenone		41	U	25	410
Anthracene		41	U	21	410
Atrazine		160	U	46	410
Benzaldehyde		84	U M	49	410
Benzidine		5000	U	1200	5000
Benzo[a]anthracene		36	J	25	410
Benzo[a]pyrene		38	J	25	410
Benzo[b]fluoranthene		76	J K	33	410
Benzo[g,h,i]perylene		31	J	20	410
Benzo[k]fluoranthene		83	U K	50	410
Benzoic acid		830	U	410	2000

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 | Date Sampled: 09/06/2011 1420
Client Matrix: Solid | % Moisture: 21.6 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1803.D
Dilution:	1.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/21/2011 2346			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		14	J	13	410
Bis(2-chloroethoxy)methane		83	U	29	410
Bis(2-chloroethyl)ether		41	U	21	410
Bis(2-ethylhexyl) phthalate		83	U	58	410
Butyl benzyl phthalate		83	U	54	410
Caprolactam		410	U	130	2000
Carbazole		84	U	45	410
Chrysene		45	J	34	410
Dibenz(a,h)anthracene		41	U	24	410
Dibenzofuran		41	U	25	410
Diethyl phthalate		41	U	33	830
Dimethyl phthalate		41	U	29	410
Di-n-butyl phthalate		41	U	36	410
Di-n-octyl phthalate		83	U	18	410
Fluoranthene		68	J	45	410
Fluorene		41	U	23	410
Hexachlorobenzene		83	U	36	410
Hexachlorobutadiene		83	U	13	410
Hexachlorocyclopentadiene		83	U	63	2100
Hexachloroethane		41	U	27	410
Indeno[1,2,3-cd]pyrene		41	U	28	410
Isophorone		41	U	21	410
Naphthalene		83	U	39	410
Nitrobenzene		41	U	28	410
N-Nitrosodimethylamine		83	U	46	650
N-Nitrosodi-n-propylamine		83	U	39	410
N-Nitrosodiphenylamine		41	U	26	410
N-Nitrosopyrrolidine		160	U	80	410
Pentachlorophenol		840	U	410	2000
Phenanthrene		35	J	21	410
Phenol		36	J	23	410
Pyrene		60	J	15	500

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		35 - 125
2-Fluorobiphenyl	72		45 - 105
2-Fluorophenol (Surr)	70		35 - 105
Nitrobenzene-d5 (Surr)	71		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	86		30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 | Date Sampled: 09/06/2011 1250
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1804.D
Dilution:	1.0			Initial Weight/Volume:	31.1 g
Analysis Date:	09/22/2011 0006			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		42	U	63	420
1,2,4,5-Tetrachlorobenzene		42	U	62	420
1,2,4-Trichlorobenzene		42	U	35	420
1,2-Dichlorobenzene		42	U	28	420
1,2-Diphenylhydrazine		42	U	28	420
1,3-Dichlorobenzene		42	U	15	420
1,4-Dichlorobenzene		42	U	17	420
2,2'-oxybis[1-chloropropane]		42	U	29	420
2,3,4,6-Tetrachlorophenol		42	U	170	2000
2,4,5-Trichlorophenol		160	U	13	420
2,4,6-Trichlorophenol		84	U	13	420
2,4-Dichlorophenol		84	U	13	420
2,4-Dimethylphenol		160	U	84	420
2,4-Dinitrophenol		850	U	420	2000
2,4-Dinitrotoluene		160	U	84	420
2,6-Dichlorophenol		160	U	87	420
2,6-Dinitrotoluene		84	U	35	420
2-Chloronaphthalene		42	U	13	420
2-Chlorophenol		42	U	27	420
2-Methylnaphthalene		42	U	24	420
2-Methylphenol		42	U	16	420
2-Nitroaniline		84	U	63	2000
2-Nitrophenol		84	U	13	420
3 & 4 Methylphenol		84	U	42	420
3,3'-Dichlorobenzidine		420	U	110	2000
3-Nitroaniline		170	U	92	2000
4,6-Dinitro-2-methylphenol		840	U	420	2000
4-Bromophenyl phenyl ether		42	U	24	420
4-Chloro-3-methylphenol		160	U	84	420
4-Chloroaniline		160	U	100	420
4-Chlorophenyl phenyl ether		84	U	27	420
4-Nitroaniline		160	U	92	2000
4-Nitrophenol		420	U	120	2000
Acenaphthene		22	U	13	420
Acenaphthylene		42	U	22	420
Acetophenone		42	U	25	420
Anthracene		42	U	22	420
Atrazine		160	U	47	420
Benzaldehyde		85	U M	49	420
Benzidine		5000	U	1300	5100
Benzo[a]anthracene		59	J	25	420
Benzo[a]pyrene		61	J	25	420
Benzo[b]fluoranthene		110	J K	33	420
Benzo[g,h,i]perylene		43	J	20	420
Benzo[k]fluoranthene		84	U K	51	420
Benzoic acid		840	U	420	2000

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 | Date Sampled: 09/06/2011 1250
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1804.D
Dilution:	1.0			Initial Weight/Volume:	31.1 g
Analysis Date:	09/22/2011 0006			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		13	J	13	420
Bis(2-chloroethoxy)methane		84	U	29	420
Bis(2-chloroethyl)ether		42	U	21	420
Bis(2-ethylhexyl) phthalate		88	J	58	420
Butyl benzyl phthalate		84	U	54	420
Caprolactam		420	U	130	2000
Carbazole		85	U	46	420
Chrysene		77	J	34	420
Dibenz(a,h)anthracene		42	U	24	420
Dibenzofuran		42	U	25	420
Diethyl phthalate		42	U	33	840
Dimethyl phthalate		42	U	29	420
Di-n-butyl phthalate		42	U	37	420
Di-n-octyl phthalate		84	U	18	420
Fluoranthene		120	J	46	420
Fluorene		42	U	23	420
Hexachlorobenzene		84	U	37	420
Hexachlorobutadiene		84	U	13	420
Hexachlorocyclopentadiene		84	U	63	2200
Hexachloroethane		42	U	27	420
Indeno[1,2,3-cd]pyrene		35	J	28	420
Isophorone		42	U	22	420
Naphthalene		84	U	39	420
Nitrobenzene		42	U	28	420
N-Nitrosodimethylamine		84	U	47	660
N-Nitrosodi-n-propylamine		84	U	39	420
N-Nitrosodiphenylamine		42	U	27	420
N-Nitrosopyrrolidine		160	U	81	420
Pentachlorophenol		850	U	420	2000
Phenanthrene		64	J	22	420
Phenol		31	J	23	420
Pyrene		110	J	15	510

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87		35 - 125
2-Fluorobiphenyl	79		45 - 105
2-Fluorophenol (Surr)	73		35 - 105
Nitrobenzene-d5 (Surr)	77		35 - 100
Phenol-d5 (Surr)	78		40 - 100
Terphenyl-d14 (Surr)	86		30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1805.D
Dilution:	4.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/22/2011 0026			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		260	U D	400	2600
1,2,4,5-Tetrachlorobenzene		260	U D	390	2600
1,2,4-Trichlorobenzene		260	U D	220	2600
1,2-Dichlorobenzene		260	U D	170	2600
1,2-Diphenylhydrazine		260	U D	170	2600
1,3-Dichlorobenzene		260	U D	95	2600
1,4-Dichlorobenzene		260	U D	110	2600
2,2'-oxybis[1-chloropropane]		260	U D	180	2600
2,3,4,6-Tetrachlorophenol		260	U D	1100	13000
2,4,5-Trichlorophenol		1000	U D	80	2600
2,4,6-Trichlorophenol		520	U D	80	2600
2,4-Dichlorophenol		520	U D	80	2600
2,4-Dimethylphenol		1000	U D	520	2600
2,4-Dinitrophenol		5300	U D	2600	13000
2,4-Dinitrotoluene		1000	U D	520	2600
2,6-Dichlorophenol		1000	U D	550	2600
2,6-Dinitrotoluene		520	U D	220	2600
2-Chloronaphthalene		260	U D	80	2600
2-Chlorophenol		260	U D	170	2600
2-Methylnaphthalene		260	U D	150	2600
2-Methylphenol		260	U D	100	2600
2-Nitroaniline		520	U D	400	13000
2-Nitrophenol		520	U D	80	2600
3 & 4 Methylphenol		520	U D	260	2600
3,3'-Dichlorobenzidine		2600	U D	720	13000
3-Nitroaniline		1100	U D	580	13000
4,6-Dinitro-2-methylphenol		5200	U D	2600	13000
4-Bromophenyl phenyl ether		260	U D	150	2600
4-Chloro-3-methylphenol		1000	U D	520	2600
4-Chloroaniline		1000	U D	650	2600
4-Chlorophenyl phenyl ether		520	U D	170	2600
4-Nitroaniline		1000	U D	580	13000
4-Nitrophenol		2600	U D	770	13000
Acenaphthene		89	J D	82	2600
Acenaphthylene		260	U D	140	2600
Acetophenone		260	U D	160	2600
Anthracene		300	J D	140	2600
Atrazine		1000	U D	290	2600
Benzaldehyde		530	U M D	310	2600
Benzidine		31000	U D	7900	32000
Benzo[a]anthracene		1100	J D	160	2600
Benzo[a]pyrene		1000	J D	160	2600
Benzo[b]fluoranthene		1900	J K D	210	2600
Benzo[g,h,i]perylene		600	J D	130	2600
Benzo[k]fluoranthene		520	U K D	320	2600
Benzoic acid		5200	U D	2600	13000

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1805.D
Dilution:	4.0			Initial Weight/Volume:	30.5 g
Analysis Date:	09/22/2011 0026			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		260	U D	80	2600
Bis(2-chloroethoxy)methane		520	U D	180	2600
Bis(2-chloroethyl)ether		260	U D	130	2600
Bis(2-ethylhexyl) phthalate		520	U D	370	2600
Butyl benzyl phthalate		520	U D	340	2600
Caprolactam		2600	U D	840	13000
Carbazole		530	U D	290	2600
Chrysene		1200	J D	210	2600
Dibenz(a,h)anthracene		260	U D	150	2600
Dibenzofuran		260	U D	160	2600
Diethyl phthalate		260	U D	210	5200
Dimethyl phthalate		260	U D	180	2600
Di-n-butyl phthalate		260	U D	230	2600
Di-n-octyl phthalate		520	U D	110	2600
Fluoranthene		2200	J D	290	2600
Fluorene		260	U D	140	2600
Hexachlorobenzene		520	U D	230	2600
Hexachlorobutadiene		520	U D	80	2600
Hexachlorocyclopentadiene		520	U D	400	14000
Hexachloroethane		260	U D	170	2600
Indeno[1,2,3-cd]pyrene		550	J D	170	2600
Isophorone		260	U D	140	2600
Naphthalene		520	U D	250	2600
Nitrobenzene		260	U D	170	2600
N-Nitrosodimethylamine		520	U D	290	4100
N-Nitrosodi-n-propylamine		520	U D	250	2600
N-Nitrosodiphenylamine		260	U D	170	2600
N-Nitrosopyrrolidine		1000	U D	510	2600
Pentachlorophenol		5300	U D	2600	13000
Phenanthrene		1200	J D	140	2600
Phenol		260	U D	140	2600
Pyrene		1900	J D	96	3200

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	81	D	35 - 125
2-Fluorobiphenyl	77	D	45 - 105
2-Fluorophenol (Surr)	68	D	35 - 105
Nitrobenzene-d5 (Surr)	69	D	35 - 100
Phenol-d5 (Surr)	77	D	40 - 100
Terphenyl-d14 (Surr)	86	D	30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6 | Date Sampled: 09/06/2011 1320
Client Matrix: Solid | % Moisture: 20.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1806.D
Dilution:	10			Initial Weight/Volume:	31.3 g
Analysis Date:	09/22/2011 0046			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		400	U D	610	4000
1,2,4,5-Tetrachlorobenzene		400	U D	590	4000
1,2,4-Trichlorobenzene		400	U D	340	4000
1,2-Dichlorobenzene		400	U D	270	4000
1,2-Diphenylhydrazine		400	U D	270	4000
1,3-Dichlorobenzene		400	U D	150	4000
1,4-Dichlorobenzene		400	U D	160	4000
2,2'-oxybis[1-chloropropane]		400	U D	280	4000
2,3,4,6-Tetrachlorophenol		400	U D	1700	19000
2,4,5-Trichlorophenol		1600	U D	120	4000
2,4,6-Trichlorophenol		800	U D	120	4000
2,4-Dichlorophenol		800	U D	120	4000
2,4-Dimethylphenol		1600	U D	800	4000
2,4-Dinitrophenol		8100	U D	4000	19000
2,4-Dinitrotoluene		1600	U D	800	4000
2,6-Dichlorophenol		1600	U D	840	4000
2,6-Dinitrotoluene		800	U D	340	4000
2-Chloronaphthalene		400	U D	120	4000
2-Chlorophenol		400	U D	250	4000
2-Methylnaphthalene		400	U D	230	4000
2-Methylphenol		400	U D	160	4000
2-Nitroaniline		800	U D	610	19000
2-Nitrophenol		800	U D	120	4000
3 & 4 Methylphenol		800	U D	400	4000
3,3'-Dichlorobenzidine		4000	U D	1100	19000
3-Nitroaniline		1600	U D	880	19000
4,6-Dinitro-2-methylphenol		8000	U D	4000	19000
4-Bromophenyl phenyl ether		400	U D	230	4000
4-Chloro-3-methylphenol		1600	U D	800	4000
4-Chloroaniline		1600	U D	990	4000
4-Chlorophenyl phenyl ether		800	U D	250	4000
4-Nitroaniline		1600	U D	880	19000
4-Nitrophenol		4000	U D	1200	19000
Acenaphthene		210	U D	120	4000
Acenaphthylene		400	U D	210	4000
Acetophenone		400	U D	240	4000
Anthracene		400	U D	210	4000
Atrazine		1600	U D	450	4000
Benzaldehyde		810	U M D	470	4000
Benzidine		48000	U D	12000	48000
Benzo[a]anthracene		400	U D	240	4000
Benzo[a]pyrene		400	U D	240	4000
Benzo[b]fluoranthene		400	U D	320	4000
Benzo[g,h,i]perylene		400	U D	190	4000
Benzo[k]fluoranthene		800	U D	480	4000
Benzoic acid		8000	U D	4000	19000

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6 | Date Sampled: 09/06/2011 1320
Client Matrix: Solid | % Moisture: 20.8 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1806.D
Dilution:	10			Initial Weight/Volume:	31.3 g
Analysis Date:	09/22/2011 0046			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		400	U D	120	4000
Bis(2-chloroethoxy)methane		800	U D	280	4000
Bis(2-chloroethyl)ether		400	U D	200	4000
Bis(2-ethylhexyl) phthalate		800	U D	560	4000
Butyl benzyl phthalate		800	U D	520	4000
Caprolactam		4000	U D	1300	19000
Carbazole		810	U D	440	4000
Chrysene		400	U D	330	4000
Dibenz(a,h)anthracene		400	U D	230	4000
Dibenzofuran		400	U D	240	4000
Diethyl phthalate		400	U D	310	8000
Dimethyl phthalate		400	U D	280	4000
Di-n-butyl phthalate		400	U D	350	4000
Di-n-octyl phthalate		800	U D	170	4000
Fluoranthene		800	U D	440	4000
Fluorene		400	U D	220	4000
Hexachlorobenzene		800	U D	350	4000
Hexachlorobutadiene		800	U D	120	4000
Hexachlorocyclopentadiene		800	U D	610	21000
Hexachloroethane		400	U D	260	4000
Indeno[1,2,3-cd]pyrene		400	U D	270	4000
Isophorone		400	U D	210	4000
Naphthalene		800	U D	380	4000
Nitrobenzene		400	U D	270	4000
N-Nitrosodimethylamine		800	U D	450	6300
N-Nitrosodi-n-propylamine		800	U D	380	4000
N-Nitrosodiphenylamine		400	U D	250	4000
N-Nitrosopyrrolidine		1600	U D	770	4000
Pentachlorophenol		8100	U D	4000	19000
Phenanthrene		400	U D	210	4000
Phenol		400	U D	220	4000
Pyrene		150	J D	150	4800

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79	D	35 - 125
2-Fluorobiphenyl	84	D	45 - 105
2-Fluorophenol (Surr)	76	D	35 - 105
Nitrobenzene-d5 (Surr)	78	D	35 - 100
Phenol-d5 (Surr)	84	D	40 - 100
Terphenyl-d14 (Surr)	92	D	30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 | Date Sampled: 09/06/2011 1345
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1807.D
Dilution:	1.0			Initial Weight/Volume:	32.0 g
Analysis Date:	09/22/2011 0106			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
1,1'-Biphenyl		40	U	60	400
1,2,4,5-Tetrachlorobenzene		40	U	59	400
1,2,4-Trichlorobenzene		40	U	34	400
1,2-Dichlorobenzene		40	U	26	400
1,2-Diphenylhydrazine		40	U	26	400
1,3-Dichlorobenzene		40	U	14	400
1,4-Dichlorobenzene		40	U	16	400
2,2'-oxybis[1-chloropropane]		40	U	28	400
2,3,4,6-Tetrachlorophenol		40	U	160	1900
2,4,5-Trichlorophenol		160	U	12	400
2,4,6-Trichlorophenol		79	U	12	400
2,4-Dichlorophenol		79	U	12	400
2,4-Dimethylphenol		160	U	79	400
2,4-Dinitrophenol		810	U	400	1900
2,4-Dinitrotoluene		160	U	79	400
2,6-Dichlorophenol		160	U	83	400
2,6-Dinitrotoluene		79	U	34	400
2-Chloronaphthalene		40	U	12	400
2-Chlorophenol		40	U	25	400
2-Methylnaphthalene		40	U	23	400
2-Methylphenol		40	U	16	400
2-Nitroaniline		79	U	60	1900
2-Nitrophenol		79	U	12	400
3 & 4 Methylphenol		79	U	40	400
3,3'-Dichlorobenzidine		400	U	110	1900
3-Nitroaniline		160	U	88	1900
4,6-Dinitro-2-methylphenol		790	U	400	1900
4-Bromophenyl phenyl ether		40	U	23	400
4-Chloro-3-methylphenol		160	U	79	400
4-Chloroaniline		160	U	98	400
4-Chlorophenyl phenyl ether		79	U	25	400
4-Nitroaniline		160	U	87	1900
4-Nitrophenol		400	U	120	1900
Acenaphthene		20	U	12	400
Acenaphthylene		40	U	20	400
Acetophenone		40	U	24	400
Anthracene		40	U	20	400
Atrazine		160	U	44	400
Benzaldehyde		81	U M	47	400
Benzidine		4800	U	1200	4800
Benzo[a]anthracene		40	U	24	400
Benzo[a]pyrene		40	U	24	400
Benzo[b]fluoranthene		40	U	32	400
Benzo[g,h,i]perylene		40	U	19	400
Benzo[k]fluoranthene		79	U	48	400
Benzoic acid		790	U	400	1900

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 | Date Sampled: 09/06/2011 1345
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 09/08/2011 0900

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Prep Method:	3550C	Prep Batch:	280-86705	Lab File ID:	K1807.D
Dilution:	1.0			Initial Weight/Volume:	32.0 g
Analysis Date:	09/22/2011 0106			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Benzyl alcohol		40	U	12	400
Bis(2-chloroethoxy)methane		79	U	28	400
Bis(2-chloroethyl)ether		40	U	20	400
Bis(2-ethylhexyl) phthalate		79	U	55	400
Butyl benzyl phthalate		79	U	52	400
Caprolactam		400	U	130	1900
Carbazole		81	U	43	400
Chrysene		40	U	32	400
Dibenz(a,h)anthracene		40	U	23	400
Dibenzofuran		40	U	24	400
Diethyl phthalate		40	U	31	790
Dimethyl phthalate		40	U	28	400
Di-n-butyl phthalate		40	U	35	400
Di-n-octyl phthalate		79	U	17	400
Fluoranthene		79	U	43	400
Fluorene		40	U	22	400
Hexachlorobenzene		79	U	35	400
Hexachlorobutadiene		79	U	12	400
Hexachlorocyclopentadiene		79	U	60	2000
Hexachloroethane		40	U	26	400
Indeno[1,2,3-cd]pyrene		40	U	26	400
Isophorone		40	U	20	400
Naphthalene		79	U	37	400
Nitrobenzene		40	U	26	400
N-Nitrosodimethylamine		79	U	44	630
N-Nitrosodi-n-propylamine		79	U	37	400
N-Nitrosodiphenylamine		40	U	25	400
N-Nitrosopyrrolidine		160	U	77	400
Pentachlorophenol		810	U	400	1900
Phenanthrene		40	U	20	400
Phenol		36	J	22	400
Pyrene		40	U	15	480

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		35 - 125
2-Fluorobiphenyl	72		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	75		35 - 100
Phenol-d5 (Surr)	74		40 - 100
Terphenyl-d14 (Surr)	80		30 - 125

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0248			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.90	U Q J	0.71	2.2
4,4'-DDE		0.60	U Q J	0.31	2.2
Aldrin		0.60	U Q J	0.33	2.2
alpha-BHC		0.60	U Q J	0.28	2.2
beta-BHC		0.90	U Q J	0.86	2.2
delta-BHC		0.90	U Q J	0.52	2.2
gamma-BHC (Lindane)		0.90	U Q J	0.60	2.2
Heptachlor		0.60	U Q J	0.28	2.2
Heptachlor epoxide		0.90	U Q J	0.55	2.2
Endosulfan I		0.60	U Q	0.23	2.2
Endosulfan II		0.68	Q J	0.37	2.2
Endosulfan sulfate		0.60	U Q J	0.36	2.2
Endrin		0.60	U Q J	0.40	2.2
Endrin aldehyde		0.60	U Q J	0.22	2.2
Endrin ketone		0.90	U Q J	0.64	2.2
gamma-Chlordane		0.90	U Q J	0.35	2.2
Methoxychlor		0.90	U Q	0.58	4.3
alpha-Chlordane		0.60	U Q J	0.42	2.2
Dieldrin		0.60	U Q	0.27	2.2

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68	Q	70 - 125
DCB Decachlorobiphenyl	0	Q	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1
Client Matrix: Solid
% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0248			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	47	Q	70 - 125
DCB Decachlorobiphenyl	0	Q	55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0003	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDT		9.1	Q J D M	7.7	26
Toxaphene		350	U Q	210	2200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59	Q D	70 - 125
DCB Decachlorobiphenyl	311	D Q	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1
Client Matrix: Solid
% Moisture: 23.3

Date Sampled: 09/06/2011 1300
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0003	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66	Q D	70 - 125
DCB Decachlorobiphenyl	1375	D Q	55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2 | Date Sampled: 09/06/2011 1400
Client Matrix: Solid | % Moisture: 21.8 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0019			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.85	U Q	0.67	2.1
4,4'-DDE		0.57	U Q	0.29	2.1
4,4'-DDT		0.85	U Q	0.73	2.5
Aldrin		0.57	U Q	0.31	2.1
alpha-BHC		0.57	U Q	0.26	2.1
beta-BHC		1.9	J	0.82	2.1
delta-BHC		0.85	U Q	0.49	2.1
gamma-BHC (Lindane)		0.85	U Q	0.57	2.1
Heptachlor		0.57	U Q	0.26	2.1
Heptachlor epoxide		0.85	U Q	0.53	2.1
Endosulfan I		0.57	U Q	0.22	2.1
Endosulfan II		0.57	U Q	0.35	2.1
Endosulfan sulfate		0.57	U Q	0.34	2.1
Endrin		0.57	U Q	0.38	2.1
Endrin aldehyde		0.57	U	0.21	2.1
Endrin ketone		0.85	U Q	0.60	2.1
gamma-Chlordane		0.85	U Q	0.33	2.1
Methoxychlor		0.85	U Q	0.56	4.1
alpha-Chlordane		0.57	U Q	0.40	2.1
Dieldrin		0.32	J	0.26	2.1
Toxaphene		33	U Q	19	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	57	Q	70 - 125
DCB Decachlorobiphenyl	84		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2
Client Matrix: Solid
% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0019			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		70 - 125
DCB Decachlorobiphenyl	78		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 | Date Sampled: 09/06/2011 1420
Client Matrix: Solid | % Moisture: 21.6 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0109			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.82	U Q	0.65	2.0
4,4'-DDE		0.55	U Q	0.28	2.0
4,4'-DDT		0.82	U Q	0.70	2.4
Aldrin		0.55	U Q	0.30	2.0
alpha-BHC		0.55	U Q	0.26	2.0
beta-BHC		0.82	U Q	0.79	2.0
delta-BHC		0.82	U Q	0.48	2.0
gamma-BHC (Lindane)		0.82	U Q	0.55	2.0
Heptachlor		0.55	U	0.26	2.0
Heptachlor epoxide		0.82	U	0.51	2.0
Endosulfan I		0.55	U Q	0.21	2.0
Endosulfan II		0.55	U Q	0.34	2.0
Endosulfan sulfate		0.55	U Q	0.33	2.0
Endrin		0.55	U Q	0.36	2.0
Endrin aldehyde		0.55	U Q	0.20	2.0
Endrin ketone		0.82	U Q	0.58	2.0
gamma-Chlordane		0.82	U Q	0.32	2.0
Methoxychlor		0.82	U Q	0.54	3.9
alpha-Chlordane		0.55	U Q	0.39	2.0
Dieldrin		0.55	U Q	0.25	2.0
Toxaphene		32	U Q	19	200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	64	Q	70 - 125
DCB Decachlorobiphenyl	92		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3
Client Matrix: Solid
% Moisture: 21.6

Date Sampled: 09/06/2011 1420
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0109			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		70 - 125
DCB Decachlorobiphenyl	84		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 | Date Sampled: 09/06/2011 1250
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0125			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.86	U Q	0.68	2.1
4,4'-DDE		0.57	U Q	0.30	2.1
4,4'-DDT		1.8	J Q	0.73	2.5
Aldrin		0.57	U Q	0.31	2.1
alpha-BHC		0.57	U Q	0.27	2.1
beta-BHC		0.86	U Q	0.83	2.1
delta-BHC		0.86	U Q	0.50	2.1
gamma-BHC (Lindane)		0.86	U Q	0.58	2.1
Heptachlor		0.57	U Q	0.27	2.1
Heptachlor epoxide		0.86	U Q	0.53	2.1
Endosulfan I		0.57	U Q	0.22	2.1
Endosulfan II		0.57	U Q	0.36	2.1
Endosulfan sulfate		0.57	U Q	0.34	2.1
Endrin		0.57	U Q	0.38	2.1
Endrin aldehyde		0.57	U Q	0.21	2.1
Endrin ketone		0.86	U Q	0.61	2.1
gamma-Chlordane		0.86	U Q	0.33	2.1
Methoxychlor		0.86	U Q	0.56	4.1
alpha-Chlordane		0.57	U Q	0.40	2.1
Dieldrin		0.49	Q J	0.26	2.1
Toxaphene		34	U Q	20	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62	Q	70 - 125
DCB Decachlorobiphenyl	79		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4
Client Matrix: Solid
% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0125			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	52	Q	70 - 125
DCB Decachlorobiphenyl	71		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2224			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		1.3	U Q	1.1	3.3
4,4'-DDE		0.89	U Q	0.46	3.3
4,4'-DDT		1.3	U Q	1.1	3.9
Aldrin		0.89	U Q	0.49	3.3
alpha-BHC		0.89	U Q	0.41	3.3
beta-BHC		1.3	U Q	1.3	3.3
delta-BHC		1.3	U Q	0.78	3.3
gamma-BHC (Lindane)		1.3	U Q	0.90	3.3
Heptachlor		0.89	U	0.41	3.3
Heptachlor epoxide		1.3	U Q	0.83	3.3
Endosulfan I		0.89	U Q	0.34	3.3
Endosulfan II		0.89	U Q	0.56	3.3
Endosulfan sulfate		0.89	U Q	0.53	3.3
Endrin		0.89	U Q	0.59	3.3
Endrin aldehyde		0.89	U Q	0.33	3.3
Endrin ketone		1.3	U Q	0.95	3.3
gamma-Chlordane		1.3	U Q	0.52	3.3
Methoxychlor		1.3	U Q	0.87	6.4
alpha-Chlordane		0.89	U Q	0.63	3.3
Dieldrin		0.89	U Q	0.41	3.3
Toxaphene		52	U Q	31	330

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59	Q	70 - 125
DCB Decachlorobiphenyl	92		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2224			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		70 - 125
DCB Decachlorobiphenyl	84		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6 | Date Sampled: 09/06/2011 1320
Client Matrix: Solid | % Moisture: 20.8 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0337			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.83	U Q	0.66	2.1
4,4'-DDE		0.56	U Q	0.29	2.1
Aldrin		0.56	U Q	0.30	2.1
alpha-BHC		0.56	U Q	0.26	2.1
beta-BHC		0.83	U Q	0.80	2.1
delta-BHC		0.83	U Q	0.48	2.1
gamma-BHC (Lindane)		0.83	U Q	0.56	2.1
Heptachlor		0.56	U Q	0.26	2.1
Heptachlor epoxide		0.83	U Q	0.51	2.1
Endosulfan I		0.56	U Q	0.21	2.1
Endosulfan II		0.56	U Q	0.35	2.1
Endosulfan sulfate		0.56	U Q	0.33	2.1
Endrin		0.56	U Q	0.37	2.1
Endrin aldehyde		0.56	U Q	0.21	2.1
Endrin ketone		0.83	U Q	0.59	2.1
gamma-Chlordane		0.83	U Q	0.32	2.1
Methoxychlor		0.83	U Q	0.54	4.0
alpha-Chlordane		0.56	U Q	0.39	2.1
Dieldrin		0.56	U Q	0.25	2.1
Toxaphene		33	U Q	19	210

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68	Q	70 - 125
DCB Decachlorobiphenyl	72		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0337			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	53	Q	70 - 125
DCB Decachlorobiphenyl	104		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0142	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDT		8.3	U Q	7.1	24

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	62	Q D	70 - 125
DCB Decachlorobiphenyl	78	D	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	10			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0142	Run Type:	DL	Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76	D	70 - 125
DCB Decachlorobiphenyl	62	D	55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 | Date Sampled: 09/06/2011 1345
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2241			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		0.82	U Q	0.65	2.0
4,4'-DDE		0.54	U Q	0.28	2.0
4,4'-DDT		0.82	U Q	0.70	2.4
Aldrin		0.54	U Q	0.30	2.0
alpha-BHC		0.54	U Q	0.25	2.0
beta-BHC		0.82	U Q	0.79	2.0
delta-BHC		0.82	U Q	0.47	2.0
gamma-BHC (Lindane)		0.82	U Q	0.55	2.0
Heptachlor		0.66	J	0.25	2.0
Heptachlor epoxide		0.82	U	0.50	2.0
Endosulfan I		0.54	U Q	0.21	2.0
Endosulfan II		0.54	U Q	0.34	2.0
Endosulfan sulfate		0.54	U Q	0.33	2.0
Endrin		0.54	U Q	0.36	2.0
Endrin aldehyde		0.54	U Q	0.20	2.0
Endrin ketone		0.82	U Q	0.58	2.0
gamma-Chlordane		0.82	U Q	0.31	2.0
Methoxychlor		0.82	U Q	0.53	3.9
alpha-Chlordane		0.54	U Q	0.38	2.0
Dieldrin		0.54	U Q	0.25	2.0
Toxaphene		32	U Q	19	200

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	66	Q	70 - 125
DCB Decachlorobiphenyl	87		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 | Date Sampled: 09/06/2011 1345
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 09/08/2011 0900

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2241			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		70 - 125
DCB Decachlorobiphenyl	81		55 - 130

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2225			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		13	U Q	6.6	43
PCB-1221		26	U Q	20	43
PCB-1232		13	U Q	6.7	43
PCB-1242		13	U Q	12	43
PCB-1248		13	U Q	7.3	43
PCB-1254		13	U Q	7.2	43
PCB-1260		49	Q	3.4	43

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	323	J Q	60 - 125
Tetrachloro-m-xylene	71		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2 | Date Sampled: 09/06/2011 1400
Client Matrix: Solid | % Moisture: 21.8 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/21/2011 2328			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.3	41
PCB-1242		12	U	11	41
PCB-1248		12	U	6.9	41
PCB-1254		12	U	6.8	41
PCB-1260		12	U	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		60 - 125
Tetrachloro-m-xylene	91		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 | Date Sampled: 09/06/2011 1420
Client Matrix: Solid | % Moisture: 21.6 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0000			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	39
PCB-1221		24	U	19	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.7	39
PCB-1254		12	U	6.6	39
PCB-1260		12	U	3.2	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	99		60 - 125
Tetrachloro-m-xylene	98		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 | Date Sampled: 09/06/2011 1250
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0032			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.4	41
PCB-1242		12	U	11	41
PCB-1248		12	U	7.0	41
PCB-1254		12	U	6.9	41
PCB-1260		12	J	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		60 - 125
Tetrachloro-m-xylene	84		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4
Client Matrix: Solid
% Moisture: 23.8

Date Sampled: 09/06/2011 1250
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.6 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0032			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		60 - 125
Tetrachloro-m-xylene	81		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0104			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		19	U	9.9	64
PCB-1221		39	U	30	64
PCB-1232		19	U	9.9	64
PCB-1242		19	U	18	64
PCB-1248		19	U	11	64
PCB-1254		19	U	11	64
PCB-1260		27	J	5.1	64

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		60 - 125
Tetrachloro-m-xylene	93		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5
Client Matrix: Solid
% Moisture: 50.5

Date Sampled: 09/06/2011 1230
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.3 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0104			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		60 - 125
Tetrachloro-m-xylene	92		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6 | Date Sampled: 09/06/2011 1320
Client Matrix: Solid | % Moisture: 20.8 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0136			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	40
PCB-1221		24	U	19	40
PCB-1232		12	U	6.2	40
PCB-1242		12	U	11	40
PCB-1248		12	U	6.8	40
PCB-1254		21	J	6.7	40
PCB-1260		12	U	3.2	40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		60 - 125
Tetrachloro-m-xylene	88		53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.4 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0136			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		60 - 125
Tetrachloro-m-xylene	86		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 | Date Sampled: 09/06/2011 1345
Client Matrix: Solid | % Moisture: 22.0 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.5 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0208			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.0	39
PCB-1221		24	U	18	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.6	39
PCB-1254		12	U	6.5	39
PCB-1260		12	U	3.1	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		60 - 125
Tetrachloro-m-xylene	87		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 | Date Sampled: 09/06/2011 1300
Client Matrix: Solid | % Moisture: 23.3 | Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.17 g
Analysis Date:	09/29/2011 2146			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.18	J	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	09/15/2011 1639			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		7.8	J	6.7	40

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2
Client Matrix: Solid
% Moisture: 21.8

Date Sampled: 09/06/2011 1400
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.10 g
Analysis Date:	09/29/2011 2210			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.17	J	0.048	0.58

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/15/2011 1641			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		10	U	6.8	41

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 | Date Sampled: 09/06/2011 1420
Client Matrix: Solid | % Moisture: 21.6 | Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.07 g
Analysis Date:	09/29/2011 2212			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.10	J	0.049	0.60

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	09/15/2011 1644			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		13	J	6.7	40

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 | Date Sampled: 09/06/2011 1250
Client Matrix: Solid | % Moisture: 23.8 | Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.03 g
Analysis Date:	09/29/2011 2215			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.61	J	0.052	0.64

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	09/15/2011 1646			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		25	J	6.6	39

Client: FPM Remediations Inc | Job Number: 280-20042-1

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 | Date Sampled: 09/06/2011 1230
Client Matrix: Solid | % Moisture: 50.5 | Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.04 g
Analysis Date:	09/29/2011 2217			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		5.2		0.080	0.97

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	09/15/2011 1648			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		170		10	61

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6
Client Matrix: Solid
% Moisture: 20.8

Date Sampled: 09/06/2011 1320
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.13 g
Analysis Date:	09/29/2011 2220			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.23	J	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.63 g
Analysis Date:	09/15/2011 1651			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		180		6.7	40

Client: FPM Remediations Inc

Job Number: 280-20042-1

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7
Client Matrix: Solid
% Moisture: 22.0
Date Sampled: 09/06/2011 1345
Date Received: 09/08/2011 0900

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	280-88573	Instrument ID:	MT_026
Prep Method:	3050B	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0			Initial Weight/Volume:	1.15 g
Analysis Date:	09/29/2011 2224			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	DL	LOQ
Cadmium		0.11	U	0.046	0.56

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Prep Method:	7471A	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0			Initial Weight/Volume:	0.69 g
Analysis Date:	09/15/2011 1653			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Mercury		9.3	U	6.2	37

General Chemistry

Client Sample ID: **TMCSD0101FA**

Lab Sample ID: 280-20042-1 Date Sampled: 09/06/2011 1300
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	23		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	77		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0201FA**

Lab Sample ID: 280-20042-2 Date Sampled: 09/06/2011 1400
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0301FA**

Lab Sample ID: 280-20042-3 Date Sampled: 09/06/2011 1420
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0401FA**

Lab Sample ID: 280-20042-4 Date Sampled: 09/06/2011 1250
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0501FA**

Lab Sample ID: 280-20042-5 Date Sampled: 09/06/2011 1230
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	51		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	49		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0601FA**

Lab Sample ID: 280-20042-6 Date Sampled: 09/06/2011 1320
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	21		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	79		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **TMCSD0701FA**

Lab Sample ID: 280-20042-7 Date Sampled: 09/06/2011 1345
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

Client: FPM Remediations Inc

Job Number: 280-20042-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
280-20042-1	TMCSD0101FA	70D	78D	70D	80D	88D	94D
280-20042-2	TMCSD0201FA	53	58	53	60	86	79
280-20042-3	TMCSD0301FA	70	74	71	72	83	86
280-20042-4	TMCSD0401FA	73	78	77	79	87	86
280-20042-5	TMCSD0501FA	68D	77D	69D	77D	81D	86D
280-20042-6	TMCSD0601FA	76D	84D	78D	84D	79D	92D
280-20042-7	TMCSD0701FA	72	74	75	72	83	80
MB 280-86705/1-A		75	78	80	75	86	80
LCS 280-86705/2-A		74	78	78	76	90	83
280-20042-2 MS	TMCSD0201FA MS	65	69	68	73	91	88
280-20042-2 MSD	TMCSD0201FA MSD	65	70	67	71	95	92

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Surrogate Recovery Report

8081A_Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
280-20042-1 DL	TMCSD0101FA DL	59Q D	66Q D	311D Q	1375D Q
280-20042-1	TMCSD0101FA	47Q	68Q	0Q	0Q
280-20042-2	TMCSD0201FA	57Q	71	84	78
280-20042-3	TMCSD0301FA	64Q	71	92	84
280-20042-4	TMCSD0401FA	52Q	62Q	79	71
280-20042-5	TMCSD0501FA	59Q	73	92	84
280-20042-6 DL	TMCSD0601FA DL	62Q D	76D	78D	62D
280-20042-6	TMCSD0601FA	53Q	68Q	72	104
280-20042-7	TMCSD0701FA	66Q	80	87	81
MB 280-86062/1-A		76	76	102	93
LCS 280-86062/2-A		80	79	105	98
LCS 280-86062/26-A		72	72	100	90
280-20042-1 MS	TMCSD0101FA MS	44Q	55Q	254Q	64
280-20042-2 MS	TMCSD0201FA MS	57M Q	77	80	74
280-20042-1 MSD	TMCSD0101FA MSD	45Q	62Q	142Q	64
280-20042-2 MSD	TMCSD0201FA MSD	35Q	95	86	97

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
280-20042-1	TMCSD0101FA	71		323J Q	
280-20042-2	TMCSD0201FA	91		85	
280-20042-3	TMCSD0301FA	98		99	
280-20042-4	TMCSD0401FA	84	81	72	78
280-20042-5	TMCSD0501FA	93	92	87	89
280-20042-6	TMCSD0601FA	88	86	70	62
280-20042-7	TMCSD0701FA	87		85	
MB 280-86062/1-A		104	103	110	109
LCS 280-86062/27-A		97	96	104	100

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	53-128
DCB = DCB Decachlorobiphenyl	60-125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

Lab Sample ID:	MB 280-86705/1-A	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1783.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	32.6 g
Analysis Date:	09/21/2011 1707	Units:	ug/Kg	Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
1,1'-Biphenyl	30	U	46	300
1,2,4,5-Tetrachlorobenzene	30	U	45	300
1,2,4-Trichlorobenzene	30	U	26	300
1,2-Dichlorobenzene	30	U	20	300
1,2-Diphenylhydrazine	30	U	20	300
1,3-Dichlorobenzene	30	U	11	300
1,4-Dichlorobenzene	30	U	13	300
2,2'-oxybis[1-chloropropane]	30	U	21	300
2,3,4,6-Tetrachlorophenol	30	U	130	1500
2,4,5-Trichlorophenol	120	U	9.2	300
2,4,6-Trichlorophenol	61	U	9.2	300
2,4-Dichlorophenol	61	U	9.2	300
2,4-Dimethylphenol	120	U	61	300
2,4-Dinitrophenol	620	U	310	1500
2,4-Dinitrotoluene	120	U	61	300
2,6-Dichlorophenol	120	U	63	300
2,6-Dinitrotoluene	61	U	26	300
2-Chloronaphthalene	30	U	9.2	300
2-Chlorophenol	30	U	19	300
2-Methylnaphthalene	30	U	17	300
2-Methylphenol	30	U	12	300
2-Nitroaniline	61	U	46	1500
2-Nitrophenol	61	U	9.2	300
3 & 4 Methylphenol	61	U	30	300
3,3'-Dichlorobenzidine	300	U	83	1500
3-Nitroaniline	120	U	67	1500
4,6-Dinitro-2-methylphenol	610	U	300	1500
4-Bromophenyl phenyl ether	30	U	17	300
4-Chloro-3-methylphenol	120	U	61	300
4-Chloroaniline	120	U	75	300
4-Chlorophenyl phenyl ether	61	U	19	300
4-Nitroaniline	120	U	67	1500
4-Nitrophenol	300	U	89	1500
Acenaphthene	16	U	9.5	300
Acenaphthylene	30	U	16	300
Acetophenone	30	U	18	300
Anthracene	30	U	16	300
Atrazine	120	U	34	300
Benzaldehyde	62	U	36	300
Benzidine	3600	U	910	3700
Benzo[a]anthracene	30	U	18	300
Benzo[a]pyrene	30	U	18	300
Benzo[b]fluoranthene	30	U	24	300
Benzo[g,h,i]perylene	30	U	15	300
Benzo[k]fluoranthene	61	U	37	300

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

Lab Sample ID:	MB 280-86705/1-A	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1783.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	32.6 g
Analysis Date:	09/21/2011 1707	Units:	ug/Kg	Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Benzoic acid	610	U	300	1500
Benzyl alcohol	30	U	9.2	300
Bis(2-chloroethoxy)methane	61	U	21	300
Bis(2-chloroethyl)ether	30	U	15	300
Bis(2-ethylhexyl) phthalate	61	U	42	300
Butyl benzyl phthalate	61	U	40	300
Caprolactam	300	U	98	1500
Carbazole	62	U	33	300
Chrysene	30	U	25	300
Dibenz(a,h)anthracene	30	U	17	300
Dibenzofuran	30	U	18	300
Diethyl phthalate	30	U	24	610
Dimethyl phthalate	30	U	21	300
Di-n-butyl phthalate	30	U	27	300
Di-n-octyl phthalate	61	U	13	300
Fluoranthene	61	U	33	300
Fluorene	30	U	17	300
Hexachlorobenzene	61	U	27	300
Hexachlorobutadiene	61	U	9.2	300
Hexachlorocyclopentadiene	61	U	46	1600
Hexachloroethane	30	U	20	300
Indeno[1,2,3-cd]pyrene	30	U	20	300
Isophorone	30	U	16	300
Naphthalene	61	U	29	300
Nitrobenzene	30	U	20	300
N-Nitrosodimethylamine	61	U	34	480
N-Nitrosodi-n-propylamine	61	U	29	300
N-Nitrosodiphenylamine	30	U	19	300
N-Nitrosopyrrolidine	120	U	59	300
Pentachlorophenol	620	U	300	1500
Phenanthrene	30	U	16	300
Phenol	30	U	17	300
Pyrene	30	U	11	370

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86	35 - 125
2-Fluorobiphenyl	75	45 - 105
2-Fluorophenol (Surr)	75	35 - 105
Nitrobenzene-d5 (Surr)	80	35 - 100
Phenol-d5 (Surr)	78	40 - 100
Terphenyl-d14 (Surr)	80	30 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Control Sample - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

Lab Sample ID:	LCS 280-86705/2-A	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1784.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.0 g
Analysis Date:	09/21/2011 1727	Units:	ug/Kg	Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	2670	1850	69	45 - 110	
1,2-Dichlorobenzene	2670	1910	72	45 - 95	
1,2-Diphenylhydrazine	2700	2110	78	54 - 120	
1,3-Dichlorobenzene	2670	1860	70	40 - 100	
1,4-Dichlorobenzene	2670	1860	70	35 - 105	
2,2'-oxybis[1-chloropropane]	2670	2060	77	20 - 115	
2,4,5-Trichlorophenol	2670	2130	80	50 - 110	
2,4,6-Trichlorophenol	2670	2140	80	45 - 110	
2,4-Dichlorophenol	2670	2030	76	45 - 110	
2,4-Dimethylphenol	2670	1890	71	30 - 105	
2,4-Dinitrophenol	2670	2370	89	15 - 130	
2,4-Dinitrotoluene	2670	2440	92	50 - 115	
2,6-Dinitrotoluene	2670	2180	82	50 - 110	
2-Chloronaphthalene	2670	1960	74	45 - 105	
2-Chlorophenol	2670	2000	75	45 - 105	
2-Methylnaphthalene	2670	1950	73	45 - 105	
2-Methylphenol	2670	1950	73	40 - 105	
2-Nitroaniline	2670	2290	86	45 - 120	
2-Nitrophenol	2670	2220	83	40 - 110	
3 & 4 Methylphenol	5330	3680	69	40 - 105	
3,3'-Dichlorobenzidine	2670	1710	64	10 - 130	
3-Nitroaniline	2670	1860	70	25 - 110	
4,6-Dinitro-2-methylphenol	2670	2420	91	30 - 135	
4-Bromophenyl phenyl ether	2670	2130	80	45 - 115	
4-Chloro-3-methylphenol	2670	2100	79	45 - 115	
4-Chloroaniline	2670	1360	51	10 - 95	
4-Chlorophenyl phenyl ether	2670	2100	79	45 - 110	
4-Nitroaniline	2670	2240	84	35 - 115	
4-Nitrophenol	2670	2230	84	15 - 140	
Acenaphthene	2670	1980	74	45 - 110	
Acenaphthylene	2670	2080	78	45 - 105	
Anthracene	2670	2140	80	55 - 105	
Benzo[a]anthracene	2670	2100	79	50 - 110	
Benzo[a]pyrene	2670	1980	74	50 - 110	
Benzo[b]fluoranthene	2670	1990	75	45 - 115	
Benzo[g,h,i]perylene	2670	2210	83	40 - 125	
Benzo[k]fluoranthene	2670	2200	82	45 - 125	
Benzoic acid	2670	2060	77	10 - 110	
Benzyl alcohol	2670	2010	76	20 - 125	
Bis(2-chloroethoxy)methane	2670	1980	74	45 - 110	
Bis(2-chloroethyl)ether	2670	2130	80	40 - 105	
Bis(2-ethylhexyl) phthalate	2670	2270	85	45 - 125	
Butyl benzyl phthalate	2670	2180	82	50 - 125	
Carbazole	2670	2110	79	45 - 115	
Chrysene	2670	2120	79	55 - 110	
Dibenz(a,h)anthracene	2670	2220	83	40 - 125	

Client: FPM Remediations Inc

Job Number: 280-20042-1

Lab Control Sample - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

Lab Sample ID:	LCS 280-86705/2-A	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1784.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.0 g
Analysis Date:	09/21/2011 1727	Units:	ug/Kg	Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibenzofuran	2670	2050	77	50 - 105	
Diethyl phthalate	2670	2140	80	50 - 115	
Dimethyl phthalate	2670	2090	78	50 - 110	
Di-n-butyl phthalate	2670	2220	83	55 - 110	
Di-n-octyl phthalate	2670	2320	87	40 - 130	
Fluoranthene	2670	2180	82	55 - 115	
Fluorene	2670	2080	78	50 - 110	
Hexachlorobenzene	2670	2160	81	45 - 120	
Hexachlorobutadiene	2670	1890	71	40 - 115	
Hexachlorocyclopentadiene	2670	1910	72	35 - 123	
Hexachloroethane	2670	1840	69	35 - 110	
Indeno[1,2,3-cd]pyrene	2670	2080	78	40 - 120	
Isophorone	2670	2000	75	45 - 110	
Naphthalene	2670	1970	74	40 - 105	
Nitrobenzene	2670	2030	76	40 - 115	
N-Nitrosodimethylamine	2670	1870	70	20 - 115	
N-Nitrosodi-n-propylamine	2670	2050	77	40 - 115	
N-Nitrosodiphenylamine	2280	1800	79	50 - 115	
Pentachlorophenol	2670	2130	80	25 - 120	
Phenanthrene	2670	2130	80	50 - 110	
Phenol	2670	2000	75	40 - 100	
Pyrene	2670	2130	80	45 - 125	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	90	35 - 125
2-Fluorobiphenyl	76	45 - 105
2-Fluorophenol (Surr)	74	35 - 105
Nitrobenzene-d5 (Surr)	78	35 - 100
Phenol-d5 (Surr)	78	40 - 100
Terphenyl-d14 (Surr)	83	30 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

MS Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	09/21/2011 2306			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1802.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.4 g
Analysis Date:	09/21/2011 2326			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2,4-Trichlorobenzene	61	59	45 - 110	7	30		
1,2-Dichlorobenzene	60	60	45 - 95	5	30		
1,2-Diphenylhydrazine	79	87	54 - 120	5	30		
1,3-Dichlorobenzene	57	56	40 - 100	6	30		
1,4-Dichlorobenzene	58	56	35 - 105	6	30		
2,2'-oxybis[1-chloropropane]	67	66	20 - 115	5	30		
2,4,5-Trichlorophenol	84	89	50 - 110	1	30		
2,4,6-Trichlorophenol	86	89	45 - 110	1	30		
2,4-Dichlorophenol	77	78	45 - 110	3	30		
2,4-Dimethylphenol	77	78	30 - 105	2	30		
2,4-Dinitrophenol	42	53	15 - 130	20	30	J	J
2,4-Dinitrotoluene	93	101	50 - 115	4	30		
2,6-Dinitrotoluene	85	91	50 - 110	2	30		
2-Chloronaphthalene	74	72	45 - 105	6	30		
2-Chlorophenol	66	67	45 - 105	3	30		
2-Methylnaphthalene	69	68	45 - 105	6	30		
2-Methylphenol	68	70	40 - 105	2	30		
2-Nitroaniline	91	96	45 - 120	1	30		
2-Nitrophenol	75	74	40 - 110	4	30		
3 & 4 Methylphenol	66	67	40 - 105	2	30		
3,3'-Dichlorobenzidine	54	61	10 - 130	7	30	J	J
3-Nitroaniline	85	93	25 - 110	4	30		
4,6-Dinitro-2-methylphenol	56	66	30 - 135	12	30	J	
4-Bromophenyl phenyl ether	84	87	45 - 115	1	30		
4-Chloro-3-methylphenol	82	89	45 - 115	4	30		
4-Chloroaniline	58	58	10 - 95	4	30		
4-Chlorophenyl phenyl ether	83	86	45 - 110	1	30		
4-Nitroaniline	88	101	35 - 115	10	30		
4-Nitrophenol	84	93	15 - 140	5	30		
Acenaphthene	77	79	45 - 110	2	30		
Acenaphthylene	80	82	45 - 105	2	30		
Anthracene	84	89	55 - 105	1	30		
Benzo[a]anthracene	82	87	50 - 110	2	30		

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

MS Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	09/21/2011 2306			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1802.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.4 g
Analysis Date:	09/21/2011 2326			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzo[a]pyrene	77	83	50 - 110	4	30		
Benzo[b]fluoranthene	81	93	45 - 115	9	30		
Benzo[g,h,i]perylene	84	90	40 - 125	2	30		
Benzo[k]fluoranthene	80	82	45 - 125	2	30		
Benzoic acid	50	50	10 - 110	3	30	J	J
Benzyl alcohol	69	68	20 - 125	6	30		
Bis(2-chloroethoxy)methane	68	67	45 - 110	5	30		
Bis(2-chloroethyl)ether	71	67	40 - 105	10	30		
Bis(2-ethylhexyl) phthalate	88	96	45 - 125	4	30		
Butyl benzyl phthalate	87	93	50 - 125	3	30		
Carbazole	82	89	45 - 115	3	30		
Chrysene	83	87	55 - 110	0	30		
Dibenz(a,h)anthracene	86	92	40 - 125	3	30		
Dibenzofuran	80	82	50 - 105	2	30		
Diethyl phthalate	83	89	50 - 115	4	30		
Dimethyl phthalate	80	85	50 - 110	1	30		
Di-n-butyl phthalate	87	93	55 - 110	2	30		
Di-n-octyl phthalate	91	99	40 - 130	3	30		
Fluoranthene	82	89	55 - 115	3	30		
Fluorene	80	85	50 - 110	2	30		
Hexachlorobenzene	85	88	45 - 120	1	30		
Hexachlorobutadiene	62	60	40 - 115	8	30		
Hexachlorocyclopentadiene	0	0	35 - 123	NC	30	U J	U J
Hexachloroethane	51	39	35 - 110	32	30		J
Indeno[1,2,3-cd]pyrene	83	86	40 - 120	1	30		
Isophorone	67	67	45 - 110	4	30		
Naphthalene	67	65	40 - 105	7	30		
Nitrobenzene	68	67	40 - 115	6	30		
N-Nitrosodimethylamine	60	58	20 - 115	7	30		
N-Nitrosodi-n-propylamine	61	64	40 - 115	2	30		
N-Nitrosodiphenylamine	86	89	50 - 115	1	30		
Pentachlorophenol	59	66	25 - 120	7	30		
Phenanthrene	83	87	50 - 110	0	30		

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

MS Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.1 g
Analysis Date:	09/21/2011 2306			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	280-20042-2	Analysis Batch:	280-87309	Instrument ID:	MSS_K
Client Matrix:	Solid	Prep Batch:	280-86705	Lab File ID:	K1802.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.4 g
Analysis Date:	09/21/2011 2326			Final Weight/Volume:	1000 uL
Prep Date:	09/19/2011 1118			Injection Volume:	0.5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	67	69	40 - 100	1	30		
Pyrene	85	90	45 - 125	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91	95	35 - 125
2-Fluorobiphenyl	73	71	45 - 105
2-Fluorophenol (Surr)	65	65	35 - 105
Nitrobenzene-d5 (Surr)	68	67	35 - 100
Phenol-d5 (Surr)	69	70	40 - 100
Terphenyl-d14 (Surr)	88	92	30 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

MS Lab Sample ID:	280-20042-2	Units:	ug/Kg	MSD Lab Sample ID:	280-20042-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/21/2011 2306			Analysis Date:	09/21/2011 2326
Prep Date:	09/19/2011 1118			Prep Date:	09/19/2011 1118
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2,4-Trichlorobenzene	39	U	3400	3260	2070		1940	
1,2-Dichlorobenzene	39	U	3400	3260	2040		1940	
1,2-Diphenylhydrazine	39	U	3440	3300	2720		2860	
1,3-Dichlorobenzene	39	U	3400	3260	1930		1810	
1,4-Dichlorobenzene	39	U	3400	3260	1960		1840	
2,2'-oxybis[1-chloropropane]	39	U	3400	3260	2270		2150	
2,4,5-Trichlorophenol	150	U	3400	3260	2850		2890	
2,4,6-Trichlorophenol	79	U	3400	3260	2920		2900	
2,4-Dichlorophenol	79	U	3400	3260	2630		2550	
2,4-Dimethylphenol	150	U	3400	3260	2610		2550	
2,4-Dinitrophenol	800	U	3400	3260	1430	J	1740	J
2,4-Dinitrotoluene	150	U	3400	3260	3150		3280	
2,6-Dinitrotoluene	79	U	3400	3260	2890		2950	
2-Chloronaphthalene	39	U	3400	3260	2500		2360	
2-Chlorophenol	39	U	3400	3260	2250		2170	
2-Methylnaphthalene	39	U	3400	3260	2340		2200	
2-Methylphenol	39	U	3400	3260	2320		2280	
2-Nitroaniline	79	U	3400	3260	3080		3120	
2-Nitrophenol	79	U	3400	3260	2540		2420	
3 & 4 Methylphenol	79	U	6800	6520	4480		4390	
3,3'-Dichlorobenzidine	390	U	3400	3260	1840	J	1980	J
3-Nitroaniline	160	U	3400	3260	2890		3020	
4,6-Dinitro-2-methylphenol	790	U	3400	3260	1920	J	2170	
4-Bromophenyl phenyl ether	39	U	3400	3260	2870		2850	
4-Chloro-3-methylphenol	150	U	3400	3260	2790		2910	
4-Chloroaniline	150	U	3400	3260	1970		1890	
4-Chlorophenyl phenyl ether	79	U	3400	3260	2840		2820	
4-Nitroaniline	150	U	3400	3260	2980		3300	
4-Nitrophenol	390	U	3400	3260	2870		3020	
Acenaphthene	20	U	3400	3260	2630		2570	
Acenaphthylene	39	U	3400	3260	2720		2660	
Anthracene	39	U	3400	3260	2860		2900	
Benzo[a]anthracene	45	J	3400	3260	2840		2900	
Benzo[a]pyrene	43	J	3400	3260	2650		2760	
Benzo[b]fluoranthene	86	J	3400	3260	2850		3130	
Benzo[g,h,i]perylene	31	J	3400	3260	2890		2960	
Benzo[k]fluoranthene	79	U	3400	3260	2730		2670	
Benzoic acid	790	U	3400	3260	1700	J	1650	J
Benzyl alcohol	39	U	3400	3260	2360		2220	
Bis(2-chloroethoxy)methane	79	U	3400	3260	2300		2180	
Bis(2-chloroethyl)ether	39	U	3400	3260	2400		2180	
Bis(2-ethylhexyl) phthalate	130	J	3400	3260	3120		3240	
Butyl benzyl phthalate	79	U	3400	3260	2950		3030	

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86705

Method: 8270C/DoD
Preparation: 3550C

MS Lab Sample ID:	280-20042-2	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	09/21/2011 2306		
Prep Date:	09/19/2011 1118		
Leach Date:	N/A		

MSD Lab Sample ID:	280-20042-2
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	09/21/2011 2326
Prep Date:	09/19/2011 1118
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Carbazole	80	U	3400	3260	2800		2900	
Chrysene	58	J	3400	3260	2890		2900	
Dibenz(a,h)anthracene	39	U	3400	3260	2910		2990	
Dibenzofuran	39	U	3400	3260	2720		2670	
Diethyl phthalate	39	U	3400	3260	2810		2910	
Dimethyl phthalate	39	U	3400	3260	2730		2760	
Di-n-butyl phthalate	39	U	3400	3260	2970		3040	
Di-n-octyl phthalate	79	U	3400	3260	3100		3210	
Fluoranthene	91	J	3400	3260	2900		2990	
Fluorene	39	U	3400	3260	2730		2790	
Hexachlorobenzene	79	U	3400	3260	2880		2860	
Hexachlorobutadiene	79	U	3400	3260	2120		1960	
Hexachlorocyclopentadiene	79	U	3400	3260	84	U J	81	U J
Hexachloroethane	39	U	3400	3260	1740		1260	J
Indeno[1,2,3-cd]pyrene	28	J	3400	3260	2850		2830	
Isophorone	39	U	3400	3260	2280		2180	
Naphthalene	79	U	3400	3260	2280		2110	
Nitrobenzene	39	U	3400	3260	2310		2180	
N-Nitrosodimethylamine	79	U	3400	3260	2030		1890	
N-Nitrosodi-n-propylamine	79	U	3400	3260	2070		2100	
N-Nitrosodiphenylamine	39	U	2900	2780	2500		2480	
Pentachlorophenol	800	U	3400	3260	2000		2150	
Phenanthrene	48	J	3400	3260	2870		2880	
Phenol	23	J	3400	3260	2300		2280	
Pyrene	73	J	3400	3260	2970		3020	

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-86062

Method: 8081A
Preparation: 3546

Lab Sample ID:	MB 280-86062/1-A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210035.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.9 g
Analysis Date:	09/21/2011 2257	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.67	U	0.53	1.7
4,4'-DDE	0.45	U	0.23	1.7
4,4'-DDT	0.67	U	0.57	1.9
Aldrin	0.45	U	0.24	1.7
alpha-BHC	0.45	U	0.21	1.7
beta-BHC	0.67	U	0.64	1.7
delta-BHC	0.67	U	0.39	1.7
gamma-BHC (Lindane)	0.67	U	0.45	1.7
Heptachlor	0.45	U	0.21	1.7
Heptachlor epoxide	0.67	U	0.41	1.7
Endosulfan I	0.45	U	0.17	1.7
Endosulfan II	0.45	U	0.28	1.7
Endosulfan sulfate	0.45	U	0.27	1.7
Endrin	0.45	U	0.30	1.7
Endrin aldehyde	0.45	U	0.17	1.7
Endrin ketone	0.67	U	0.47	1.7
gamma-Chlordane	0.67	U	0.26	1.7
Methoxychlor	0.67	U	0.44	3.2
alpha-Chlordane	0.45	U	0.31	1.7
Dieldrin	0.45	U	0.20	1.7
Toxaphene	26	U	15	170

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	76	70 - 125
DCB Decachlorobiphenyl	102	55 - 130

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	76	70 - 125
DCB Decachlorobiphenyl	93	55 - 130

Lab Control Sample - Batch: 280-86062

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 280-86062/26-A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.4 g
Analysis Date:	09/21/2011 2151	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Toxaphene	63.7	78.4	123	51 - 139	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	72	70 - 125
DCB Decachlorobiphenyl	100	55 - 130

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	72	70 - 125
DCB Decachlorobiphenyl	90	55 - 130

Lab Control Sample - Batch: 280-86062

Method: 8081A
Preparation: 3546

Lab Sample ID:	LCS 280-86062/2-A	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210032.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.5 g
Analysis Date:	09/21/2011 2208	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	16.4	12.7	78	30 - 135	
4,4'-DDE	16.4	11.6	71	70 - 125	
4,4'-DDT	16.4	12.5	76	45 - 140	
Aldrin	16.4	11.6	71	45 - 140	
alpha-BHC	16.4	13.0	79	60 - 125	
beta-BHC	16.4	13.6	83	60 - 125	
delta-BHC	16.4	13.2	80	55 - 130	
gamma-BHC (Lindane)	16.4	13.4	82	60 - 125	
Heptachlor	16.4	13.7	84	50 - 140	
Heptachlor epoxide	16.4	14.2	87	65 - 130	
Endosulfan I	16.4	14.2	87	15 - 135	
Endosulfan II	16.4	14.9	91	35 - 140	
Endosulfan sulfate	16.4	14.6	89	60 - 135	
Endrin	16.4	15.9	97	60 - 135	
Endrin aldehyde	16.4	13.3	81	35 - 145	
Endrin ketone	16.4	14.6	89	65 - 135	
gamma-Chlordane	16.4	13.4	82	65 - 125	
Methoxychlor	16.4	15.0	91	55 - 145	
alpha-Chlordane	16.4	13.2	81	65 - 120	
Dieldrin	16.4	16.0	98	65 - 125	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	80	70 - 125

Client: FPM Remediations Inc

Job Number: 280-20042-1

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	105	55 - 130

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	79	70 - 125
DCB Decachlorobiphenyl	98	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86062

Method: 8081A
Preparation: 3546

MS Lab Sample ID:	280-20042-2	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210041.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	32.5 g
Analysis Date:	09/22/2011 0036			Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	280-20042-2	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210042.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	32.6 g
Analysis Date:	09/22/2011 0052			Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Toxaphene	91	118	51 - 139	25	30	J Q	J Q

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	57	M Q	95		70 - 125
DCB Decachlorobiphenyl	80		86		55 - 130

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	77		35	Q	70 - 125
DCB Decachlorobiphenyl	74		97		55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86062

Method: 8081A
Preparation: 3546

MS Lab Sample ID:	280-20042-1	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210050.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	32.3 g
Analysis Date:	09/22/2011 0304			Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	280-20042-1	Analysis Batch:	280-87288	Instrument ID:	CHGCS_P2
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	09210051.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.8 g
Analysis Date:	09/22/2011 0321			Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	30	44	30 - 135	39	30	Q	Q J
4,4'-DDE	38	42	70 - 125	12	30	Q J	Q J
4,4'-DDT	6	19	45 - 140	39	30	Q J	Q J
Aldrin	44	49	45 - 140	13	30	Q J	Q
alpha-BHC	40	54	60 - 125	31	30	Q J	Q J
beta-BHC	54	58	60 - 125	9	30	Q J	Q J
delta-BHC	32	48	55 - 130	39	30	Q J	Q J
gamma-BHC (Lindane)	44	54	60 - 125	22	30	Q J	Q J
Heptachlor	48	56	50 - 140	17	30	Q J	Q
Heptachlor epoxide	59	57	65 - 130	3	30	Q J	Q J
Endosulfan I	33	43	15 - 135	26	30	Q	Q
Endosulfan II	-6	10	35 - 140	36	30	Q J	Q J
Endosulfan sulfate	-73	-59	60 - 135	27	30	Q J	Q J
Endrin	44	60	60 - 135	33	30	Q J	Q J
Endrin aldehyde	37	57	35 - 145	44	30	Q	Q J
Endrin ketone	45	61	65 - 135	31	30	Q J	Q J
gamma-Chlordane	44	51	65 - 125	17	30	Q J	Q J
Methoxychlor	58	56	55 - 145	2	30	Q	Q
alpha-Chlordane	3	13	65 - 120	22	30	Q J	Q J
Dieldrin	89	68	65 - 125	25	30	Q	Q

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	55	Q	62	Q	70 - 125
DCB Decachlorobiphenyl	64		64		55 - 130

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
Tetrachloro-m-xylene	44	Q	45	Q	70 - 125
DCB Decachlorobiphenyl	254	Q	142	Q	55 - 130

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86062

Method: 8081A
Preparation: 3546

MS Lab Sample ID:	280-20042-2	Units:	ug/Kg	MSD Lab Sample ID:	280-20042-2
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2011 0036			Analysis Date:	09/22/2011 0052
Prep Date:	09/14/2011 2125			Prep Date:	09/14/2011 2125
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Toxaphene	33	U	78.7	78.5	71.6	J Q	92.3	J Q

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-86062

Method: 8081A
Preparation: 3546

MS Lab Sample ID:	280-20042-1	Units:	ug/Kg	MSD Lab Sample ID:	280-20042-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/22/2011 0304			Analysis Date:	09/22/2011 0321
Prep Date:	09/14/2011 2125			Prep Date:	09/14/2011 2125
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4,4'-DDD	0.90	U	20.2	20.5	6.05	Q	9.02	Q J
4,4'-DDE	0.60	U	20.2	20.5	7.59	Q J	8.53	Q J
4,4'-DDT	10		20.2	20.5	5.53	Q J	8.24	Q J
Aldrin	0.60	U	20.2	20.5	9.28	Q J	10.5	Q
alpha-BHC	0.60	U	20.2	20.5	8.11	Q J	11.1	Q J
beta-BHC	0.90	U	20.2	20.5	10.9	Q J	11.9	Q J
delta-BHC	0.90	U	20.2	20.5	6.98	Q J	10.3	Q J
gamma-BHC (Lindane)	0.90	U	20.2	20.5	8.92	Q J	11.1	Q J
Heptachlor	0.60	U	20.2	20.5	9.61	Q J	11.4	Q
Heptachlor epoxide	0.90	U	20.2	20.5	12.0	Q J	11.6	Q J
Endosulfan I	0.60	J	20.2	20.5	7.43	Q	9.68	Q
Endosulfan II	0.68	J	20.2	20.5	7.63	Q J	11.0	Q J
Endosulfan sulfate	0.60	U	20.2	20.5	8.80	Q J	11.6	Q J
Endrin	0.60	U	20.2	20.5	8.84	Q J	12.3	Q J
Endrin aldehyde	0.60	U	20.2	20.5	7.43	Q	11.6	Q J
Endrin ketone	0.90	U	20.2	20.5	9.08	Q J	12.4	Q J
gamma-Chlordane	0.90	U	20.2	20.5	8.88	Q J	10.5	Q J
Methoxychlor	0.90	U	20.2	20.5	11.7	Q	11.5	Q
alpha-Chlordane	0.60	U	20.2	20.5	8.36	Q J	10.4	Q J
Dieldrin	0.60	U	20.2	20.5	18.0	Q	13.9	Q

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-86062

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 280-86062/1-A	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	068F6801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.9 g
Analysis Date:	09/21/2011 2153	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
PCB-1016	9.7	U	4.9	32
PCB-1221	19	U	15	32
PCB-1232	9.7	U	5.0	32
PCB-1242	9.7	U	8.9	32
PCB-1248	9.7	U	5.4	32
PCB-1254	9.7	U	5.4	32
PCB-1260	9.7	U	2.6	32

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	60 - 125
Tetrachloro-m-xylene	104	53 - 128

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	109	60 - 125
Tetrachloro-m-xylene	103	53 - 128

Lab Control Sample - Batch: 280-86062

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 280-86062/27-A	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	090F9001.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.6 g
Analysis Date:	09/22/2011 0934	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	63.3	52.3	83	40 - 140	
PCB-1260	63.3	62.7	99	60 - 130	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	60 - 125
Tetrachloro-m-xylene	97	53 - 128

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	100	60 - 125
Tetrachloro-m-xylene	96	53 - 128

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-87698

Method: 6010B
Preparation: 3050B

Lab Sample ID:	MB 280-87698/1-A	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/29/2011 2141	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Cadmium	0.095	U	0.039	0.48

Lab Control Sample - Batch: 280-87698

Method: 6010B
Preparation: 3050B

Lab Sample ID:	LCS 280-87698/2-A	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.05 g
Analysis Date:	09/29/2011 2144	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	9.52	8.62	91	80 - 120	

Post Digestion Spike - Batch: 280-87698

Method: 6010B
Preparation: 3050B

Lab Sample ID:	280-20042-1	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	09/29/2011 2156	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	0.18	J	5.57	5.46	95	75 - 125	

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-87698

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	280-20042-1	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.13 g
Analysis Date:	09/29/2011 2151			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

MSD Lab Sample ID:	280-20042-1	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.14 g
Analysis Date:	09/29/2011 2154			Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Cadmium	89	88	80 - 120	2	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-87698

Method: 6010B
Preparation: 3050B

MS Lab Sample ID:	280-20042-1	Units:	mg/Kg	MSD Lab Sample ID:	280-20042-1
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/29/2011 2151			Analysis Date:	09/29/2011 2154
Prep Date:	09/29/2011 0945			Prep Date:	09/29/2011 0945
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Cadmium	0.18	J	11.5	11.4	10.4	10.2

Serial Dilution - Batch: 280-87698

Method: 6010B
Preparation: 3050B

Lab Sample ID:	280-20042-1	Analysis Batch:	280-88573	Instrument ID:	MT_026
Client Matrix:	Solid	Prep Batch:	280-87698	Lab File ID:	26b092911.asc
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	1.17 g
Analysis Date:	09/29/2011 2149	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/29/2011 0945				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Cadmium	0.18	J	0.56	NC	10	U

Client: FPM Remediations Inc

Job Number: 280-20042-1

Method Blank - Batch: 280-85917

Method: 7471A
Preparation: 7471A

Lab Sample ID:	MB 280-85917/1-A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Client Matrix:	Solid	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.66 g
Analysis Date:	09/15/2011 1634	Units:	ug/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Mercury	7.6	U	5.0	30

Lab Control Sample - Batch: 280-85917

Method: 7471A
Preparation: 7471A

Lab Sample ID:	LCS 280-85917/2-A	Analysis Batch:	280-86371	Instrument ID:	MT_034
Client Matrix:	Solid	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.63 g
Analysis Date:	09/15/2011 1637	Units:	ug/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	397	366	92	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-85917

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	280-20042-7	Analysis Batch:	280-86371	Instrument ID:	MT_034
Client Matrix:	Solid	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.65 g
Analysis Date:	09/15/2011 1702			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				
Leach Date:	N/A				

MSD Lab Sample ID:	280-20042-7	Analysis Batch:	280-86371	Instrument ID:	MT_034
Client Matrix:	Solid	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.64 g
Analysis Date:	09/15/2011 1704			Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	113	103	80 - 120	8	20		

Client: FPM Remediations Inc

Job Number: 280-20042-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 280-85917

Method: 7471A
Preparation: 7471A

MS Lab Sample ID:	280-20042-7	Units: ug/Kg		MSD Lab Sample ID:	280-20042-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	09/15/2011 1702			Analysis Date:	09/15/2011 1704
Prep Date:	09/15/2011 0925			Prep Date:	09/15/2011 0925
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	9.3	U	493	501	559	514

Serial Dilution - Batch: 280-85917

Method: 7471A
Preparation: 7471A

Lab Sample ID:	280-20042-7	Analysis Batch:	280-86371	Instrument ID:	MT_034
Client Matrix:	Solid	Prep Batch:	280-85917	Lab File ID:	34A091511.txt
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.69 g
Analysis Date:	09/15/2011 1700	Units:	ug/Kg	Final Weight/Volume:	50 mL
Prep Date:	09/15/2011 0925				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	9.3	U	46	NC	10	U

Client: FPM Remediations Inc

Job Number: 280-20042-1

Duplicate - Batch: 280-85304

Method: Moisture
Preparation: N/A

Lab Sample ID:	280-20042-1	Analysis Batch:	280-85304	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:	09/09/2011 1344	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	23	21	12	20	
Percent Solids	77	79	3	20	

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-20042-1

Lab Section	Qualifier	Description
GC/MS Semi VOA		
	K	Benzo (b&k) fluoranthene are unresolved due to matrix, result is reported as Benzo(b)fluoranthene.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
GC Semi VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
Metals		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-20042-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 280-86705					
LCS 280-86705/2-A	Lab Control Sample	T	Solid	3550C	
MB 280-86705/1-A	Method Blank	T	Solid	3550C	
280-20042-1	TMCSD0101FA	T	Solid	3550C	
280-20042-2	TMCSD0201FA	T	Solid	3550C	
280-20042-2MS	Matrix Spike	T	Solid	3550C	
280-20042-2MSD	Matrix Spike Duplicate	T	Solid	3550C	
280-20042-3	TMCSD0301FA	T	Solid	3550C	
280-20042-4	TMCSD0401FA	T	Solid	3550C	
280-20042-5	TMCSD0501FA	T	Solid	3550C	
280-20042-6	TMCSD0601FA	T	Solid	3550C	
280-20042-7	TMCSD0701FA	T	Solid	3550C	
Analysis Batch:280-87309					
LCS 280-86705/2-A	Lab Control Sample	T	Solid	8270C/DoD	280-86705
MB 280-86705/1-A	Method Blank	T	Solid	8270C/DoD	280-86705
280-20042-1	TMCSD0101FA	T	Solid	8270C/DoD	280-86705
280-20042-2MS	Matrix Spike	T	Solid	8270C/DoD	280-86705
280-20042-2MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	280-86705
280-20042-3	TMCSD0301FA	T	Solid	8270C/DoD	280-86705
280-20042-4	TMCSD0401FA	T	Solid	8270C/DoD	280-86705
280-20042-5	TMCSD0501FA	T	Solid	8270C/DoD	280-86705
280-20042-6	TMCSD0601FA	T	Solid	8270C/DoD	280-86705
280-20042-7	TMCSD0701FA	T	Solid	8270C/DoD	280-86705
Analysis Batch:280-87836					
280-20042-2	TMCSD0201FA	T	Solid	8270C/DoD	280-86705

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-20042-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 280-86062					
LCS 280-86062/2-A	Lab Control Sample	T	Solid	3546	
LCS 280-86062/26-A	Lab Control Sample	T	Solid	3546	
LCS 280-86062/27-A	Lab Control Sample	T	Solid	3546	
MB 280-86062/1-A	Method Blank	T	Solid	3546	
280-20042-1	TMCSD0101FA	T	Solid	3546	
280-20042-1DL	TMCSD0101FA	T	Solid	3546	
280-20042-1MS	Matrix Spike	T	Solid	3546	
280-20042-1MSD	Matrix Spike Duplicate	T	Solid	3546	
280-20042-2	TMCSD0201FA	T	Solid	3546	
280-20042-2MS	Matrix Spike	T	Solid	3546	
280-20042-2MSD	Matrix Spike Duplicate	T	Solid	3546	
280-20042-3	TMCSD0301FA	T	Solid	3546	
280-20042-4	TMCSD0401FA	T	Solid	3546	
280-20042-5	TMCSD0501FA	T	Solid	3546	
280-20042-6	TMCSD0601FA	T	Solid	3546	
280-20042-6DL	TMCSD0601FA	T	Solid	3546	
280-20042-7	TMCSD0701FA	T	Solid	3546	
Analysis Batch:280-87288					
LCS 280-86062/2-A	Lab Control Sample	T	Solid	8081A	280-86062
LCS 280-86062/26-A	Lab Control Sample	T	Solid	8081A	280-86062
MB 280-86062/1-A	Method Blank	T	Solid	8081A	280-86062
280-20042-1	TMCSD0101FA	T	Solid	8081A	280-86062
280-20042-1DL	TMCSD0101FA	T	Solid	8081A	280-86062
280-20042-1MS	Matrix Spike	T	Solid	8081A	280-86062
280-20042-1MSD	Matrix Spike Duplicate	T	Solid	8081A	280-86062
280-20042-2	TMCSD0201FA	T	Solid	8081A	280-86062
280-20042-2MS	Matrix Spike	T	Solid	8081A	280-86062
280-20042-2MSD	Matrix Spike Duplicate	T	Solid	8081A	280-86062
280-20042-3	TMCSD0301FA	T	Solid	8081A	280-86062
280-20042-4	TMCSD0401FA	T	Solid	8081A	280-86062
280-20042-5	TMCSD0501FA	T	Solid	8081A	280-86062
280-20042-6	TMCSD0601FA	T	Solid	8081A	280-86062
280-20042-6DL	TMCSD0601FA	T	Solid	8081A	280-86062
280-20042-7	TMCSD0701FA	T	Solid	8081A	280-86062

Client: FPM Remediations Inc

Job Number: 280-20042-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:280-87305					
LCS 280-86062/27-A	Lab Control Sample	T	Solid	8082	280-86062
MB 280-86062/1-A	Method Blank	T	Solid	8082	280-86062
280-20042-1	TMCSD0101FA	T	Solid	8082	280-86062
280-20042-2	TMCSD0201FA	T	Solid	8082	280-86062
280-20042-3	TMCSD0301FA	T	Solid	8082	280-86062
280-20042-4	TMCSD0401FA	T	Solid	8082	280-86062
280-20042-5	TMCSD0501FA	T	Solid	8082	280-86062
280-20042-6	TMCSD0601FA	T	Solid	8082	280-86062
280-20042-7	TMCSD0701FA	T	Solid	8082	280-86062

Report Basis

T = Total

Client: FPM Remediations Inc

Job Number: 280-20042-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 280-85917					
LCS 280-85917/2-A	Lab Control Sample	T	Solid	7471A	
MB 280-85917/1-A	Method Blank	T	Solid	7471A	
280-20042-1	TMCSD0101FA	T	Solid	7471A	
280-20042-2	TMCSD0201FA	T	Solid	7471A	
280-20042-3	TMCSD0301FA	T	Solid	7471A	
280-20042-4	TMCSD0401FA	T	Solid	7471A	
280-20042-5	TMCSD0501FA	T	Solid	7471A	
280-20042-6	TMCSD0601FA	T	Solid	7471A	
280-20042-7	TMCSD0701FA	T	Solid	7471A	
280-20042-7MS	Matrix Spike	T	Solid	7471A	
280-20042-7MSD	Matrix Spike Duplicate	T	Solid	7471A	
Analysis Batch:280-86371					
LCS 280-85917/2-A	Lab Control Sample	T	Solid	7471A	280-85917
MB 280-85917/1-A	Method Blank	T	Solid	7471A	280-85917
280-20042-1	TMCSD0101FA	T	Solid	7471A	280-85917
280-20042-2	TMCSD0201FA	T	Solid	7471A	280-85917
280-20042-3	TMCSD0301FA	T	Solid	7471A	280-85917
280-20042-4	TMCSD0401FA	T	Solid	7471A	280-85917
280-20042-5	TMCSD0501FA	T	Solid	7471A	280-85917
280-20042-6	TMCSD0601FA	T	Solid	7471A	280-85917
280-20042-7	TMCSD0701FA	T	Solid	7471A	280-85917
280-20042-7MS	Matrix Spike	T	Solid	7471A	280-85917
280-20042-7MSD	Matrix Spike Duplicate	T	Solid	7471A	280-85917
Prep Batch: 280-87698					
LCS 280-87698/2-A	Lab Control Sample	T	Solid	3050B	
MB 280-87698/1-A	Method Blank	T	Solid	3050B	
280-20042-1	TMCSD0101FA	T	Solid	3050B	
280-20042-1MS	Matrix Spike	T	Solid	3050B	
280-20042-1MSD	Matrix Spike Duplicate	T	Solid	3050B	
280-20042-2	TMCSD0201FA	T	Solid	3050B	
280-20042-3	TMCSD0301FA	T	Solid	3050B	
280-20042-4	TMCSD0401FA	T	Solid	3050B	
280-20042-5	TMCSD0501FA	T	Solid	3050B	
280-20042-6	TMCSD0601FA	T	Solid	3050B	
280-20042-7	TMCSD0701FA	T	Solid	3050B	

Client: FPM Remediations Inc

Job Number: 280-20042-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:280-88573					
LCS 280-87698/2-A	Lab Control Sample	T	Solid	6010B	280-87698
MB 280-87698/1-A	Method Blank	T	Solid	6010B	280-87698
280-20042-1	TMCSD0101FA	T	Solid	6010B	280-87698
280-20042-1MS	Matrix Spike	T	Solid	6010B	280-87698
280-20042-1MSD	Matrix Spike Duplicate	T	Solid	6010B	280-87698
280-20042-2	TMCSD0201FA	T	Solid	6010B	280-87698
280-20042-3	TMCSD0301FA	T	Solid	6010B	280-87698
280-20042-4	TMCSD0401FA	T	Solid	6010B	280-87698
280-20042-5	TMCSD0501FA	T	Solid	6010B	280-87698
280-20042-6	TMCSD0601FA	T	Solid	6010B	280-87698
280-20042-7	TMCSD0701FA	T	Solid	6010B	280-87698

Report Basis
T = Total

General Chemistry					
Analysis Batch:280-85304					
280-20042-1	TMCSD0101FA	T	Solid	Moisture	
280-20042-1DU	Duplicate	T	Solid	Moisture	
280-20042-2	TMCSD0201FA	T	Solid	Moisture	
280-20042-3	TMCSD0301FA	T	Solid	Moisture	
280-20042-4	TMCSD0401FA	T	Solid	Moisture	
280-20042-5	TMCSD0501FA	T	Solid	Moisture	
280-20042-6	TMCSD0601FA	T	Solid	Moisture	
280-20042-7	TMCSD0701FA	T	Solid	Moisture	

Report Basis
T = Total

Client: FPM Remediations Inc

Job Number: 280-20042-1

Laboratory Chronicle

Lab ID: 280-20042-1 **Client ID:** TMCSD0101FA

Sample Date/Time: 09/06/2011 13:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-1-F		280-87309	280-86705	09/19/2011 11:18	4	TAL DEN	SHD
A:8270C/DoD	280-20042-A-1-F		280-87309	280-86705	09/21/2011 22:26	4	TAL DEN	DCK
P:3546	280-20042-A-1-C	DL	280-87288	280-86062	09/14/2011 21:25	10	TAL DEN	MRM
A:8081A	280-20042-A-1-C	DL	280-87288	280-86062	09/22/2011 00:03	10	TAL DEN	BER
P:3546	280-20042-A-1-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-1-C		280-87288	280-86062	09/22/2011 02:48	1	TAL DEN	BER
P:3546	280-20042-A-1-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-1-C		280-87305	280-86062	09/21/2011 22:25	1	TAL DEN	TDJ
P:3050B	280-20042-A-1-G		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-1-G		280-88573	280-87698	09/29/2011 21:46	1	TAL DEN	HEB
P:7471A	280-20042-A-1-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-1-B		280-86371	280-85917	09/15/2011 16:39	1	TAL DEN	HEB
A:Moisture	280-20042-B-1		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20042-1 MS **Client ID:** TMCSD0101FA

Sample Date/Time: 09/06/2011 13:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	280-20042-A-1-D MS		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-1-D MS		280-87288	280-86062	09/22/2011 03:04	1	TAL DEN	BER
P:3050B	280-20042-A-1-H MS		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-1-H MS		280-88573	280-87698	09/29/2011 21:51	1	TAL DEN	HEB

Lab ID: 280-20042-1 MSD **Client ID:** TMCSD0101FA

Sample Date/Time: 09/06/2011 13:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	280-20042-A-1-E MSD		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-1-E MSD		280-87288	280-86062	09/22/2011 03:21	1	TAL DEN	BER
P:3050B	280-20042-A-1-I MSD		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-1-I MSD		280-88573	280-87698	09/29/2011 21:54	1	TAL DEN	HEB

Lab ID: 280-20042-1 DU **Client ID:** TMCSD0101FA

Sample Date/Time: 09/06/2011 13:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	280-20042-B-1 DU		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Client: FPM Remediations Inc Job Number: 280-20042-1

Laboratory Chronicle

Lab ID: 280-20042-1 SD **Client ID: TMCSD0101FA**

Sample Date/Time: 09/06/2011 13:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	280-20042-A-1-G SD ^5		280-88573	280-87698	09/29/2011 09:45	5	TAL DEN	CLI
A:6010B	280-20042-A-1-G SD ^5		280-88573	280-87698	09/29/2011 21:49	5	TAL DEN	HEB
P:3050B	280-20042-A-1-G PDS		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-1-G PDS		280-88573	280-87698	09/29/2011 21:56	1	TAL DEN	HEB

Lab ID: 280-20042-2 **Client ID: TMCSD0201FA**

Sample Date/Time: 09/06/2011 14:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-2-F		280-87836	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-2-F		280-87836	280-86705	09/22/2011 20:30	1	TAL DEN	DCK
P:3546	280-20042-A-2-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-2-C		280-87288	280-86062	09/22/2011 00:19	1	TAL DEN	BER
P:3546	280-20042-A-2-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-2-C		280-87305	280-86062	09/21/2011 23:28	1	TAL DEN	TDJ
P:3050B	280-20042-A-2-I		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-2-I		280-88573	280-87698	09/29/2011 22:10	1	TAL DEN	HEB
P:7471A	280-20042-A-2-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-2-B		280-86371	280-85917	09/15/2011 16:41	1	TAL DEN	HEB
A:Moisture	280-20042-B-2		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20042-2 MS **Client ID: TMCSD0201FA**

Sample Date/Time: 09/06/2011 14:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-2-G MS		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-2-G MS		280-87309	280-86705	09/21/2011 23:06	1	TAL DEN	DCK
P:3546	280-20042-A-2-D MS		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-2-D MS		280-87288	280-86062	09/22/2011 00:36	1	TAL DEN	BER

Client: FPM Remediations Inc

Job Number: 280-20042-1

Laboratory Chronicle

Lab ID: 280-20042-2 MSD **Client ID:** TMCSD0201FA

Sample Date/Time: 09/06/2011 14:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-2-H MSD		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-2-H MSD		280-87309	280-86705	09/21/2011 23:26	1	TAL DEN	DCK
P:3546	280-20042-A-2-E MSD		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-2-E MSD		280-87288	280-86062	09/22/2011 00:52	1	TAL DEN	BER

Lab ID: 280-20042-3 **Client ID:** TMCSD0301FA

Sample Date/Time: 09/06/2011 14:20 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-3-D		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-3-D		280-87309	280-86705	09/21/2011 23:46	1	TAL DEN	DCK
P:3546	280-20042-A-3-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-3-C		280-87288	280-86062	09/22/2011 01:09	1	TAL DEN	BER
P:3546	280-20042-A-3-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-3-C		280-87305	280-86062	09/22/2011 00:00	1	TAL DEN	TDJ
P:3050B	280-20042-A-3-E		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-3-E		280-88573	280-87698	09/29/2011 22:12	1	TAL DEN	HEB
P:7471A	280-20042-A-3-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-3-B		280-86371	280-85917	09/15/2011 16:44	1	TAL DEN	HEB
A:Moisture	280-20042-B-3		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20042-4 **Client ID:** TMCSD0401FA

Sample Date/Time: 09/06/2011 12:50 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-4-D		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-4-D		280-87309	280-86705	09/22/2011 00:06	1	TAL DEN	DCK
P:3546	280-20042-A-4-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-4-C		280-87288	280-86062	09/22/2011 01:25	1	TAL DEN	BER
P:3546	280-20042-A-4-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-4-C		280-87305	280-86062	09/22/2011 00:32	1	TAL DEN	TDJ
P:3050B	280-20042-A-4-E		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-4-E		280-88573	280-87698	09/29/2011 22:15	1	TAL DEN	HEB
P:7471A	280-20042-A-4-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-4-B		280-86371	280-85917	09/15/2011 16:46	1	TAL DEN	HEB
A:Moisture	280-20042-B-4		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Client: FPM Remediations Inc

Job Number: 280-20042-1

Laboratory Chronicle

Lab ID: 280-20042-5 **Client ID:** TMCSD0501FA

Sample Date/Time: 09/06/2011 12:30 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-5-D		280-87309	280-86705	09/19/2011 11:18	4	TAL DEN	SHD
A:8270C/DoD	280-20042-A-5-D		280-87309	280-86705	09/22/2011 00:26	4	TAL DEN	DCK
P:3546	280-20042-A-5-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-5-C		280-87288	280-86062	09/21/2011 22:24	1	TAL DEN	BER
P:3546	280-20042-A-5-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-5-C		280-87305	280-86062	09/22/2011 01:04	1	TAL DEN	TDJ
P:3050B	280-20042-A-5-E		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-5-E		280-88573	280-87698	09/29/2011 22:17	1	TAL DEN	HEB
P:7471A	280-20042-A-5-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-5-B		280-86371	280-85917	09/15/2011 16:48	1	TAL DEN	HEB
A:Moisture	280-20042-B-5		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20042-6 **Client ID:** TMCSD0601FA

Sample Date/Time: 09/06/2011 13:20 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-6-D		280-87309	280-86705	09/19/2011 11:18	10	TAL DEN	SHD
A:8270C/DoD	280-20042-A-6-D		280-87309	280-86705	09/22/2011 00:46	10	TAL DEN	DCK
P:3546	280-20042-A-6-C	DL	280-87288	280-86062	09/14/2011 21:25	10	TAL DEN	MRM
A:8081A	280-20042-A-6-C	DL	280-87288	280-86062	09/22/2011 01:42	10	TAL DEN	BER
P:3546	280-20042-A-6-C		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-6-C		280-87288	280-86062	09/22/2011 03:37	1	TAL DEN	BER
P:3546	280-20042-A-6-C		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-6-C		280-87305	280-86062	09/22/2011 01:36	1	TAL DEN	TDJ
P:3050B	280-20042-A-6-E		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-6-E		280-88573	280-87698	09/29/2011 22:20	1	TAL DEN	HEB
P:7471A	280-20042-A-6-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-6-B		280-86371	280-85917	09/15/2011 16:51	1	TAL DEN	HEB
A:Moisture	280-20042-B-6		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Client: FPM Remediations Inc

Job Number: 280-20042-1

Laboratory Chronicle

Lab ID: 280-20042-7 **Client ID:** TMCSD0701FA

Sample Date/Time: 09/06/2011 13:45 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3550C	280-20042-A-7-F		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	280-20042-A-7-F		280-87309	280-86705	09/22/2011 01:06	1	TAL DEN	DCK
P:3546	280-20042-A-7-E		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	280-20042-A-7-E		280-87288	280-86062	09/21/2011 22:41	1	TAL DEN	BER
P:3546	280-20042-A-7-E		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20042-A-7-E		280-87305	280-86062	09/22/2011 02:08	1	TAL DEN	TDJ
P:3050B	280-20042-A-7-G		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	280-20042-A-7-G		280-88573	280-87698	09/29/2011 22:24	1	TAL DEN	HEB
P:7471A	280-20042-A-7-B		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-7-B		280-86371	280-85917	09/15/2011 16:53	1	TAL DEN	HEB
A:Moisture	280-20042-B-7		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20042-7 MS **Client ID:** TMCSD0701FA

Sample Date/Time: 09/06/2011 13:45 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	280-20042-A-7-C MS		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-7-C MS		280-86371	280-85917	09/15/2011 17:02	1	TAL DEN	HEB

Lab ID: 280-20042-7 MSD **Client ID:** TMCSD0701FA

Sample Date/Time: 09/06/2011 13:45 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	280-20042-A-7-D MSD		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	280-20042-A-7-D MSD		280-86371	280-85917	09/15/2011 17:04	1	TAL DEN	HEB

Lab ID: 280-20042-7 SD **Client ID:** TMCSD0701FA

Sample Date/Time: 09/06/2011 13:45 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:7471A	280-20042-A-7-B SD ^5		280-86371	280-85917	09/15/2011 09:25	5	TAL DEN	HEB
A:7471A	280-20042-A-7-B SD ^5		280-86371	280-85917	09/15/2011 17:00	5	TAL DEN	HEB

Client: FPM Remediations Inc

Job Number: 280-20042-1

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:3550C	MB 280-86705/1-A		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	MB 280-86705/1-A		280-87309	280-86705	09/21/2011 17:07	1	TAL DEN	DCK
P:3546	MB 280-86062/1-A		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	MB 280-86062/1-A		280-87288	280-86062	09/21/2011 22:57	1	TAL DEN	BER
P:3546	MB 280-86062/1-A		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	MB 280-86062/1-A		280-87305	280-86062	09/21/2011 21:53	1	TAL DEN	TDJ
P:3050B	MB 280-87698/1-A		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	MB 280-87698/1-A		280-88573	280-87698	09/29/2011 21:41	1	TAL DEN	HEB
P:7471A	MB 280-85917/1-A		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	MB 280-85917/1-A		280-86371	280-85917	09/15/2011 16:34	1	TAL DEN	HEB

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:3550C	LCS 280-86705/2-A		280-87309	280-86705	09/19/2011 11:18	1	TAL DEN	SHD
A:8270C/DoD	LCS 280-86705/2-A		280-87309	280-86705	09/21/2011 17:27	1	TAL DEN	DCK
P:3546	LCS 280-86062/26-A		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	LCS 280-86062/26-A		280-87288	280-86062	09/21/2011 21:51	1	TAL DEN	BER
P:3546	LCS 280-86062/2-A		280-87288	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8081A	LCS 280-86062/2-A		280-87288	280-86062	09/21/2011 22:08	1	TAL DEN	BER
P:3546	LCS 280-86062/27-A		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	LCS 280-86062/27-A		280-87305	280-86062	09/22/2011 09:34	1	TAL DEN	TDJ
P:3050B	LCS 280-87698/2-A		280-88573	280-87698	09/29/2011 09:45	1	TAL DEN	CLI
A:6010B	LCS 280-87698/2-A		280-88573	280-87698	09/29/2011 21:44	1	TAL DEN	HEB
P:7471A	LCS 280-85917/2-A		280-86371	280-85917	09/15/2011 09:25	1	TAL DEN	HEB
A:7471A	LCS 280-85917/2-A		280-86371	280-85917	09/15/2011 16:37	1	TAL DEN	HEB

Lab References:

TAL DEN = TestAmerica Denver

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8081 LCS_00104	09/15/11	09/08/11	P&T Methanol, Lot DD946	50 mL	8081LCSPrim_00009	0.5 mL	4,4'-DDD	0.5 ug/mL
							4,4'-DDE	0.5 ug/mL
							4,4'-DDT	0.5 ug/mL
							Aldrin	0.5 ug/mL
							alpha-BHC	0.5 ug/mL
							alpha-Chlordane	0.5 ug/mL
							beta-BHC	0.5 ug/mL
							delta-BHC	0.5 ug/mL
							Dieldrin	0.5 ug/mL
							Endosulfan I	0.5 ug/mL
							Endosulfan II	0.5 ug/mL
							Endosulfan sulfate	0.5 ug/mL
							Endrin	0.5 ug/mL
							Endrin aldehyde	0.5 ug/mL
							Endrin ketone	0.5 ug/mL
							gamma-BHC (Lindane)	0.5 ug/mL
							gamma-Chlordane	0.5 ug/mL
							Heptachlor	0.5 ug/mL
							Heptachlor epoxide	0.5 ug/mL
							Methoxychlor	0.5 ug/mL
.8081LCSPrim_00009	12/28/11	06/28/11	Hexane, Lot J11E32	10 mL	8081LCSStock_00007	0.5 mL	4,4'-DDD	50 ug/mL
							4,4'-DDE	50 ug/mL
							4,4'-DDT	50 ug/mL
							Aldrin	50 ug/mL
							alpha-BHC	50 ug/mL
							alpha-Chlordane	50 ug/mL
							beta-BHC	50 ug/mL
							delta-BHC	50 ug/mL
							Dieldrin	50 ug/mL
							Endosulfan I	50 ug/mL
							Endosulfan II	50 ug/mL
							Endosulfan sulfate	50 ug/mL
							Endrin	50 ug/mL
							Endrin aldehyde	50 ug/mL
							Endrin ketone	50 ug/mL
							gamma-BHC (Lindane)	50 ug/mL
							gamma-Chlordane	50 ug/mL
							Heptachlor	50 ug/mL
							Heptachlor epoxide	50 ug/mL
							Methoxychlor	50 ug/mL
..8081LCSStock_00007	05/30/12	ULTRA SCIENTIFIC, Lot CG-1482			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
8081/82 Surr_00030	02/26/12	08/26/11	ACETONE, Lot K18E69	1000 mL	8081 SurStock_00029	1 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.8081 SurStock_00029	04/22/20	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081_EvalB2nd_00001	02/15/12	02/15/11	Hexane, Lot J22E49	50 mL	8081EvalBStk2_00001	10 uL	4,4'-DDT	0.04 ug/mL
							Endrin	0.04 ug/mL
.8081EvalBStk2_00001	02/15/12	AccuStandard, Inc, Lot 209121374-02			(Purchased Reagent)		4,4'-DDT	200 ug/mL
							Endrin	200 ug/mL
8081ABICVL3_00007	08/31/11	03/22/11	Hexane, Lot J31E41	100 mL	8081ABICVStk_00006	2.5 mL	4,4'-DDD	25 ng/mL
							4,4'-DDE	25 ng/mL
							4,4'-DDT	25 ng/mL
							Aldrin	25 ng/mL
							alpha-BHC	25 ng/mL
							alpha-Chlordane	25 ng/mL
							beta-BHC	25 ng/mL
							delta-BHC	25 ng/mL
							Dieldrin	25 ng/mL
							Endosulfan I	25 ng/mL
							Endosulfan II	25 ng/mL
							Endosulfan sulfate	25 ng/mL
							Endrin	25 ng/mL
							Endrin aldehyde	25 ng/mL
							Endrin ketone	25 ng/mL
							gamma-BHC (Lindane)	25 ng/mL
							gamma-Chlordane	25 ng/mL
							Heptachlor	25 ng/mL
							Heptachlor epoxide	25 ng/mL
							Methoxychlor	25 ng/mL
							DCB Decachlorobiphenyl	25 ng/mL
							Tetrachloro-m-xylene	25 ng/mL
.8081ABICVStk_00006	08/31/11	03/22/11	Hexane, Lot J31E41	25 mL	8081ABStkSS_00004	0.025 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081SurStkSS_00006	0.125 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkSS_00004	04/30/13	Ultra Scientific, Lot CH-0689			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081SurStkSS_00006	10/31/13	Ultra Scientific, Lot CG-3165			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL1_00007	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABCalStk_00012	0.4 mL	4,4'-DDD	4 ng/mL
							4,4'-DDE	4 ng/mL
							4,4'-DDT	4 ng/mL
							Aldrin	4 ng/mL
							alpha-BHC	4 ng/mL
							alpha-Chlordane	4 ng/mL
							beta-BHC	4 ng/mL
							delta-BHC	4 ng/mL
							Dieldrin	4 ng/mL
							Endosulfan I	4 ng/mL
							Endosulfan II	4 ng/mL
							Endosulfan sulfate	4 ng/mL
							Endrin	4 ng/mL
							Endrin aldehyde	4 ng/mL
							Endrin ketone	4 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	4 ng/mL
							gamma-Chlordane	4 ng/mL
							Heptachlor	4 ng/mL
							Heptachlor epoxide	4 ng/mL
							Methoxychlor	4 ng/mL
							Hexachlorobenzene	4 ng/mL
							Isodrin	4 ng/mL
							Mirex	4 ng/mL
							DCB Decachlorobiphenyl	4 ng/mL
							Tetrachloro-m-xylene	4 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12		Accustandard, Inc., Lot 210051061		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL2_00007	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABCalStk_00012	1 mL	4,4'-DDD	10 ng/mL
							4,4'-DDE	10 ng/mL
							4,4'-DDT	10 ng/mL
							Aldrin	10 ng/mL
							alpha-BHC	10 ng/mL
							alpha-Chlordane	10 ng/mL
							beta-BHC	10 ng/mL
							delta-BHC	10 ng/mL
							Dieldrin	10 ng/mL
							Endosulfan I	10 ng/mL
							Endosulfan II	10 ng/mL
							Endosulfan sulfate	10 ng/mL
							Endrin	10 ng/mL
							Endrin aldehyde	10 ng/mL
							Endrin ketone	10 ng/mL
							gamma-BHC (Lindane)	10 ng/mL
							gamma-Chlordane	10 ng/mL
							Heptachlor	10 ng/mL
							Heptachlor epoxide	10 ng/mL
							Methoxychlor	10 ng/mL
							Hexachlorobenzene	10 ng/mL
							Isodrin	10 ng/mL
							Mirex	10 ng/mL
							DCB Decachlorobiphenyl	10 ng/mL
							Tetrachloro-m-xylene	10 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12	Accustandard, Inc., Lot 210051061			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL3_00007	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABCalStk_00012	2.5 mL	4,4'-DDD	25 ng/mL
							4,4'-DDE	25 ng/mL
							4,4'-DDT	25 ng/mL
							Aldrin	25 ng/mL
							alpha-BHC	25 ng/mL
							alpha-Chlordane	25 ng/mL
							beta-BHC	25 ng/mL
							delta-BHC	25 ng/mL
							Dieldrin	25 ng/mL
							Endosulfan I	25 ng/mL
							Endosulfan II	25 ng/mL
							Endosulfan sulfate	25 ng/mL
							Endrin	25 ng/mL
							Endrin aldehyde	25 ng/mL
							Endrin ketone	25 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	25 ng/mL
							gamma-Chlordane	25 ng/mL
							Heptachlor	25 ng/mL
							Heptachlor epoxide	25 ng/mL
							Methoxychlor	25 ng/mL
							Hexachlorobenzene	25 ng/mL
							Isodrin	25 ng/mL
							Mirex	25 ng/mL
							DCB Decachlorobiphenyl	25 ng/mL
							Tetrachloro-m-xylene	25 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12	Accustandard, Inc., Lot 210051061			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL4_00008	12/15/11	06/15/11	Hexane, Lot J41E31	500 mL	8081ABCalStk_00012	25 mL	4,4'-DDD	50 ng/mL
							4,4'-DDE	50 ng/mL
							4,4'-DDT	50 ng/mL
							Aldrin	50 ng/mL
							alpha-BHC	50 ng/mL
							alpha-Chlordane	50 ng/mL
							beta-BHC	50 ng/mL
							delta-BHC	50 ng/mL
							Dieldrin	50 ng/mL
							Endosulfan I	50 ng/mL
							Endosulfan II	50 ng/mL
							Endosulfan sulfate	50 ng/mL
							Endrin	50 ng/mL
							Endrin aldehyde	50 ng/mL
							Endrin ketone	50 ng/mL
							gamma-BHC (Lindane)	50 ng/mL
							gamma-Chlordane	50 ng/mL
							Heptachlor	50 ng/mL
							Heptachlor epoxide	50 ng/mL
							Methoxychlor	50 ng/mL
							Hexachlorobenzene	50 ng/mL
							Isodrin	50 ng/mL
							Mirex	50 ng/mL
							DCB Decachlorobiphenyl	50 ng/mL
							Tetrachloro-m-xylene	50 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12	Accustandard, Inc., Lot 210051061			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL5_00007	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABCalStk_00012	7.5 mL	4,4'-DDD	75 ng/mL
							4,4'-DDE	75 ng/mL
							4,4'-DDT	75 ng/mL
							Aldrin	75 ng/mL
							alpha-BHC	75 ng/mL
							alpha-Chlordane	75 ng/mL
							beta-BHC	75 ng/mL
							delta-BHC	75 ng/mL
							Dieldrin	75 ng/mL
							Endosulfan I	75 ng/mL
							Endosulfan II	75 ng/mL
							Endosulfan sulfate	75 ng/mL
							Endrin	75 ng/mL
							Endrin aldehyde	75 ng/mL
							Endrin ketone	75 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	75 ng/mL
							gamma-Chlordane	75 ng/mL
							Heptachlor	75 ng/mL
							Heptachlor epoxide	75 ng/mL
							Methoxychlor	75 ng/mL
							Hexachlorobenzene	75 ng/mL
							Isodrin	75 ng/mL
							Mirex	75 ng/mL
							DCB Decachlorobiphenyl	75 ng/mL
							Tetrachloro-m-xylene	75 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12		Accustandard, Inc., Lot 210051061		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081IcalL6_00007	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABCalStk_00012	10 mL	4,4'-DDD	100 ng/mL
							4,4'-DDE	100 ng/mL
							4,4'-DDT	100 ng/mL
							Aldrin	100 ng/mL
							alpha-BHC	100 ng/mL
							alpha-Chlordane	100 ng/mL
							beta-BHC	100 ng/mL
							delta-BHC	100 ng/mL
							Dieldrin	100 ng/mL
							Endosulfan I	100 ng/mL
							Endosulfan II	100 ng/mL
							Endosulfan sulfate	100 ng/mL
							Endrin	100 ng/mL
							Endrin aldehyde	100 ng/mL
							Endrin ketone	100 ng/mL
							gamma-BHC (Lindane)	100 ng/mL
							gamma-Chlordane	100 ng/mL
							Heptachlor	100 ng/mL
							Heptachlor epoxide	100 ng/mL
							Methoxychlor	100 ng/mL
							Hexachlorobenzene	100 ng/mL
							Isodrin	100 ng/mL
							Mirex	100 ng/mL
							DCB Decachlorobiphenyl	100 ng/mL
							Tetrachloro-m-xylene	100 ng/mL
.8081ABCalStk_00012	12/15/11	06/15/11	Hexane, Lot J41E31	100 mL	8081ABStkPS_00005	0.1 mL	4,4'-DDD	1000 ng/mL
							4,4'-DDE	1000 ng/mL
							4,4'-DDT	1000 ng/mL
							Aldrin	1000 ng/mL
							alpha-BHC	1000 ng/mL
							alpha-Chlordane	1000 ng/mL
							beta-BHC	1000 ng/mL
							delta-BHC	1000 ng/mL
							Dieldrin	1000 ng/mL
							Endosulfan I	1000 ng/mL
							Endosulfan II	1000 ng/mL
							Endosulfan sulfate	1000 ng/mL
							Endrin	1000 ng/mL
							Endrin aldehyde	1000 ng/mL
							Endrin ketone	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							gamma-BHC (Lindane)	1000 ng/mL
							gamma-Chlordane	1000 ng/mL
							Heptachlor	1000 ng/mL
							Heptachlor epoxide	1000 ng/mL
							Methoxychlor	1000 ng/mL
					8081HCBStkPS_00007	1 mL	Hexachlorobenzene	1000 ng/mL
					8081IsodrinPS_00003	0.1 mL	Isodrin	1000 ng/mL
					8081MirxStkPS_00005	1 mL	Mirex	1000 ng/mL
					8081SurStkPS_00006	0.5 mL	DCB Decachlorobiphenyl	1000 ng/mL
							Tetrachloro-m-xylene	1000 ng/mL
..8081ABStkPS_00005	05/15/12	Accustandard, Inc., Lot 210051061			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
..8081HCBStkPS_00007	06/15/12	Accustandard, Inc., Lot B9020125			(Purchased Reagent)		Hexachlorobenzene	100 ug/mL
..8081IsodrinPS_00003	06/15/12	Accustandard, Lot B6020031-2B			(Purchased Reagent)		Isodrin	1000 ug/mL
..8081MirxStkPS_00005	06/15/12	Accustandard, Inc., Lot 210011168			(Purchased Reagent)		Mirex	100 ug/mL
..8081SurStkPS_00006	06/15/12	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8081Tox1PtL1_00005	12/30/11	06/30/11	Hexane, Lot J31E41	200 mL	8081ToxPS_00012	0.4 mL	Toxaphene	200 ng/mL
.8081ToxPS_00012	10/31/12	Ultra Scientific, Lot CE-3444			(Purchased Reagent)		Toxaphene	100 ug/mL
8081Tox1PtSS_00004	11/16/11	03/16/11	Hexane, Lot J31E41	200 mL	8081ToxSS_00006	40 uL	Toxaphene	200 ng/mL
.8081ToxSS_00006	05/21/20	Accustandard, Inc., Lot 210051215			(Purchased Reagent)		Toxaphene	1000 ug/mL
8081Toxaphene_00006	10/21/11	05/11/11	ACETONE, Lot J35E39	250 mL	8081 ToxStock_00004	0.5 mL	Toxaphene	2 ug/mL
.8081 ToxStock_00004	06/14/17	AccuStandard, Lot B7060126			(Purchased Reagent)		Toxaphene	1000 ug/mL
8081ToxL1_00005	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00011	0.02 mL	Toxaphene Peak 1	200 ng/mL
							Toxaphene Peak 2	200 ng/mL
							Toxaphene Peak 3	200 ng/mL
							Toxaphene Peak 4	200 ng/mL
							Toxaphene Peak 5	200 ng/mL
.8081ToxPS_00011	06/14/12	Ultra Scientific, Lot CE-3444			(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL
							Toxaphene Peak 3	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8081ToxL2_00005	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00011	0.05 mL	Toxaphene Peak 1	500 ng/mL
							Toxaphene Peak 2	500 ng/mL
							Toxaphene Peak 3	500 ng/mL
							Toxaphene Peak 4	500 ng/mL
							Toxaphene Peak 5	500 ng/mL
.8081ToxPS_00011	06/14/12		Ultra Scientific, Lot CE-3444		(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL
							Toxaphene Peak 3	100 ug/mL
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8081ToxL3_00005	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00011	0.1 mL	Toxaphene Peak 1	1000 ng/mL
							Toxaphene Peak 2	1000 ng/mL
							Toxaphene Peak 3	1000 ng/mL
							Toxaphene Peak 4	1000 ng/mL
							Toxaphene Peak 5	1000 ng/mL
.8081ToxPS_00011	06/14/12		Ultra Scientific, Lot CE-3444		(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL
							Toxaphene Peak 3	100 ug/mL
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8081ToxL4_00010	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00011	0.2 mL	Toxaphene Peak 1	2000 ng/mL
							Toxaphene Peak 2	2000 ng/mL
							Toxaphene Peak 3	2000 ng/mL
							Toxaphene Peak 4	2000 ng/mL
							Toxaphene Peak 5	2000 ng/mL
.8081ToxPS_00011	06/14/12		Ultra Scientific, Lot CE-3444		(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL
							Toxaphene Peak 3	100 ug/mL
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8081ToxL5_00006	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00011	0.5 mL	Toxaphene Peak 1	5000 ng/mL
							Toxaphene Peak 2	5000 ng/mL
							Toxaphene Peak 3	5000 ng/mL
							Toxaphene Peak 4	5000 ng/mL
							Toxaphene Peak 5	5000 ng/mL
.8081ToxPS_00011	06/14/12		Ultra Scientific, Lot CE-3444		(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL
							Toxaphene Peak 3	100 ug/mL
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8081ToxL6_00007	12/14/11	06/14/11	Hexane, Lot J41E31	10 mL	8081ToxPS_00010	1 mL	Toxaphene Peak 1	10000 ng/mL
							Toxaphene Peak 2	10000 ng/mL
							Toxaphene Peak 3	10000 ng/mL
							Toxaphene Peak 4	10000 ng/mL
							Toxaphene Peak 5	10000 ng/mL
.8081ToxPS_00010	06/14/12		Ultra Scientific, Lot CE-3444		(Purchased Reagent)		Toxaphene Peak 1	100 ug/mL
							Toxaphene Peak 2	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toxaphene Peak 3	100 ug/mL
							Toxaphene Peak 4	100 ug/mL
							Toxaphene Peak 5	100 ug/mL
8082 LCS_00017	01/07/12	07/07/11	ACETONE, Lot J35E37	250 mL	8082LCSSTOCK_00009	0.5 mL	PCB-1016	2 ug/mL
							PCB-1260	2 ug/mL
.8082LCSSTOCK_00009	05/23/12		ULTRA SCIENTIFIC, Lot CD-0236A		(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1260	1000 ug/mL
8270LCS80ppm_00026	02/18/12	08/18/11	P&T Methanol, Lot DD946	250 mL	8270 1,4-Diox_00062	1 mL	1,4-Dioxane	80 ug/mL
					8270 1,4-Diox_00063	1 mL	1,4-Dioxane	80 ug/mL
					8270 LCSStock_00112	25 mL	1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Dinitrobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.88 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,3-Dinitrobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dinitrobenzene	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,3,5,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	160 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							3-Methylphenol	160 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	160 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzoic acid	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di(2-ethylhexyl)adipate	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	68.28 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	80 ug/mL
					8270 LCSStock_00113	25 mL	1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Dinitrobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.88 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,3-Dinitrobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dinitrobenzene	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,5,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	160 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							3-Methylphenol	160 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	160 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzoic acid	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di(2-ethylhexyl)adipate	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	68.28 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	80 ug/mL
					8270 LCSStock_00114	25 mL	1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Dinitrobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.88 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,3-Dinitrobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dinitrobenzene	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,3,5,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	160 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							3-Methylphenol	160 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	160 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzoic acid	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di(2-ethylhexyl)adipate	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	68.28 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	80 ug/mL
					280-[illegible]stock_00115	25 mL	1,2,4-Trichlorobenzene	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Dinitrobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.88 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,3-Dinitrobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1,4-Dinitrobenzene	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,3,5,6-Tetrachlorophenol	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	160 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							3-Methylphenol	160 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	160 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Azobenzene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzoic acid	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di(2-ethylhexyl)adipate	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	68.28 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	80 ug/mL
.8270 1,4-Diox_00062	06/24/21		AccuStandard, Lot 211061176		(Purchased Reagent)		1,4-Dioxane	10 mg/mL
.8270 1,4-Diox_00063	06/24/21		AccuStandard, Lot 211061176		(Purchased Reagent)		1,4-Dioxane	10 mg/mL
.8270 LCSStock_00112	05/30/12		Supelco, Lot LB85284		(Purchased Reagent)		1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Dinitrobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.2 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1,4-Dinitrobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,3,5,6-Tetrachlorophenol	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							3,3'-Dichlorobenzidine	200 ug/mL
							3-Methylphenol	400 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	400 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Azobenzene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di(2-ethylhexyl)adipate	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	170.7 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
.8270 LCSStock_00113	05/30/12		Supelco, Lot LB85284		(Purchased Reagent)		1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Dinitrobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.2 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1,4-Dinitrobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,3,5,6-Tetrachlorophenol	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							3,3'-Dichlorobenzidine	200 ug/mL
							3-Methylphenol	400 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	400 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Azobenzene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di(2-ethylhexyl)adipate	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	170.7 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
.8270 LCSStock_00114	05/30/12		Supelco, Lot LB85284		(Purchased Reagent)		1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Dinitrobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.2 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1,4-Dinitrobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,3,5,6-Tetrachlorophenol	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							3,3'-Dichlorobenzidine	200 ug/mL
							3-Methylphenol	400 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	400 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Azobenzene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di(2-ethylhexyl)adipate	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	170.7 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
.8270 LCSStock_00115	05/30/12		Supelco, Lot LB85284		(Purchased Reagent)		1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Dinitrobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.2 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1,4-Dinitrobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,3,5,6-Tetrachlorophenol	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							3,3'-Dichlorobenzidine	200 ug/mL
							3-Methylphenol	400 ug/mL
							3-Nitroaniline	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	400 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Azobenzene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di(2-ethylhexyl)adipate	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	170.7 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	200 ug/mL
8270Surrogate_00032	08/24/12	08/24/11	P&T Methanol, Lot DD946	1000 mL	8270SurrStock_00036	100 mL	2,4,6 - Tribromophenol	150 ug/mL
							2,4,6-Tribromophenol (Surr)	150 ug/mL
							2-Fluorobiphenyl	100 ug/mL
							2-Fluorophenol (Surr)	150 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	150 ug/mL
							Phenol-d6	150 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
.8270SurrStock_00036	03/31/14	Supelco, Lot LB83718			(Purchased Reagent)		2,4,6 - Tribromophenol	1500 ug/mL
							2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Phenol-d6	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
AR-3262_SS_00005	02/01/12	08/01/11	Hexane, Lot J43E31	10 mL	AR_1232_US_00003	0.025 mL	PCB-1232	0.25 ug/mL
							PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL
							PCB-1232 Peak 5	0.25 ug/mL
.AR_1232_US_00003	08/01/12	Ultra Scientific, Lot CC-3294A			(Purchased Reagent)		PCB-1232	100 ug/mL
							PCB-1232 Peak 1	100 ug/mL
							PCB-1232 Peak 2	100 ug/mL
							PCB-1232 Peak 3	100 ug/mL
							PCB-1232 Peak 4	100 ug/mL
							PCB-1232 Peak 5	100 ug/mL
AR-4268_SS_00008	02/27/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1242_US_00003	0.025 mL	PCB-1242	0.25 ug/mL
							PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
.AR_1242_US_00003	07/12/12	Ultra Scientific, Lot CE-3255			(Purchased Reagent)		PCB-1242	100 ug/mL
							PCB-1242 Peak 1	100 ug/mL
							PCB-1242 Peak 2	100 ug/mL
							PCB-1242 Peak 3	100 ug/mL
							PCB-1242 Peak 4	100 ug/mL
							PCB-1242 Peak 5	100 ug/mL
AR_1248_L(.5)_00004	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	0.25 mL	PCB-1248 Peak 1	0.025 ug/mL
							PCB-1248 Peak 2	0.025 ug/mL
							PCB-1248 Peak 3	0.025 ug/mL
							PCB-1248 Peak 4	0.025 ug/mL
							PCB-1248 Peak 5	0.025 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L1_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L2_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	2.5 mL	PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	7.5 mL	PCB-1248 Peak 1	0.75 ug/mL
							PCB-1248 Peak 2	0.75 ug/mL
							PCB-1248 Peak 3	0.75 ug/mL
							PCB-1248 Peak 4	0.75 ug/mL
							PCB-1248 Peak 5	0.75 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_SS_00005	01/28/12	08/01/11	hexane, Lot J41E31	10 mL	AR_1248_US_00004	0.025 mL	PCB-1248	0.25 ug/mL
							PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.AR_1248_US_00004	01/28/12	Ultra Scientific, Lot CE-0290			(Purchased Reagent)		PCB-1248	100 ug/mL
							PCB-1248 Peak 1	100 ug/mL
							PCB-1248 Peak 2	100 ug/mL
							PCB-1248 Peak 3	100 ug/mL
							PCB-1248 Peak 4	100 ug/mL
							PCB-1248 Peak 5	100 ug/mL
AR_1660_L(.5)_00008	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	0.25 mL	DCB Decachlorobiphenyl	0.00125 ug/mL
							Tetrachloro-m-xylene	0.00125 ug/mL
							PCB-1016 Peak 1	0.025 ug/mL
							PCB-1016 Peak 2	0.025 ug/mL
							PCB-1016 Peak 3	0.025 ug/mL
							PCB-1016 Peak 4	0.025 ug/mL
							PCB-1016 Peak 5	0.025 ug/mL
							PCB-1260 Peak 1	0.025 ug/mL
							PCB-1260 Peak 2	0.025 ug/mL
							PCB-1260 Peak 3	0.025 ug/mL
							PCB-1260 Peak 4	0.025 ug/mL
							PCB-1260 Peak 5	0.025 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11	Accustandard, Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11	AccuStandard, Lot 209091313			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11	AccuStandard, Lot B8080352			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L1_00012	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	0.5 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L2_00011	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	1 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
							PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L3_00011	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	2.5 mL	DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
							PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
AR_1660_L4_00037	11/01/11	09/14/11	hexane, Lot J52E08	20 mL	AR_1660_L6_00013	10 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
							PCB-1016	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016	1 ug/mL
							PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L5_00012	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	7.5 mL	DCB Decachlorobiphenyl	0.0375 ug/mL
							Tetrachloro-m-xylene	0.0375 ug/mL
							PCB-1016 Peak 1	0.75 ug/mL
							PCB-1016 Peak 2	0.75 ug/mL
							PCB-1016 Peak 3	0.75 ug/mL
							PCB-1016 Peak 4	0.75 ug/mL
							PCB-1016 Peak 5	0.75 ug/mL
							PCB-1260 Peak 1	0.75 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 2	0.75 ug/mL
							PCB-1260 Peak 3	0.75 ug/mL
							PCB-1260 Peak 4	0.75 ug/mL
							PCB-1260 Peak 5	0.75 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
.AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
.Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
.Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_SS_00011	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1660_SSSTK_00004	0.25 mL	PCB-1016	0.25 ug/mL
							PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL
							PCB-1260	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
							DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
.AR_1660_SSSTK_00004	02/01/12	08/01/11	HEXANE, Lot J41E31	10 mL	AR_1016_US_00005	1 mL	PCB-1016	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
					AR_1260_US_00004	1 mL	PCB-1260	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
					AR_SURR_US_00003	0.025 mL	DCB Decachlorobiphenyl	0.5 ug/mL
							Tetrachloro-m-xylene	0.5 ug/mL
..AR_1016_US_00005	03/31/17	Ultra Scientific, Lot CF-0785			(Purchased Reagent)		PCB-1016	100 ug/mL
							PCB-1016 Peak 1	100 ug/mL
							PCB-1016 Peak 2	100 ug/mL
							PCB-1016 Peak 3	100 ug/mL
							PCB-1016 Peak 4	100 ug/mL
							PCB-1016 Peak 5	100 ug/mL
..AR_1260_US_00004	07/31/13	Ultra Scientific, Lot CC-1413a			(Purchased Reagent)		PCB-1260	100 ug/mL
							PCB-1260 Peak 1	100 ug/mL
							PCB-1260 Peak 2	100 ug/mL
							PCB-1260 Peak 3	100 ug/mL
							PCB-1260 Peak 4	100 ug/mL
							PCB-1260 Peak 5	100 ug/mL
..AR_SURR_US_00003	02/03/12	Ultra scientific, Lot CE-0161A			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_2154_L(.5)_00004	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	0.25 mL	PCB-1221 Peak 1	0.025 ug/mL
							PCB-1221 Peak 2	0.025 ug/mL
							PCB-1221 Peak 3	0.025 ug/mL
							PCB-1254 Peak 1	0.025 ug/mL
							PCB-1254 Peak 2	0.025 ug/mL
							PCB-1254 Peak 3	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 4	0.025 ug/mL
							PCB-1254 Peak 5	0.025 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L1_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L2_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	2.5 mL	PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL
							PCB-1221 Peak 3	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	7.5 mL	PCB-1221 Peak 1	0.75 ug/mL
							PCB-1221 Peak 2	0.75 ug/mL
							PCB-1221 Peak 3	0.75 ug/mL
							PCB-1254 Peak 1	0.75 ug/mL
							PCB-1254 Peak 2	0.75 ug/mL
							PCB-1254 Peak 3	0.75 ug/mL
							PCB-1254 Peak 4	0.75 ug/mL
							PCB-1254 Peak 5	0.75 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
.AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_SS_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1221_US_00004	0.025 mL	PCB-1221	0.25 ug/mL
							PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL
							PCB-1221 Peak 3	0.25 ug/mL
					AR_1254_US_00005	0.025 mL	PCB-1254	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_1221_US_00004	08/01/12	Ultra Scientific, Lot PP-291			(Purchased Reagent)		PCB-1221	100 ug/mL
							PCB-1221 Peak 1	100 ug/mL
							PCB-1221 Peak 2	100 ug/mL
							PCB-1221 Peak 3	100 ug/mL
.AR_1254_US_00005	08/01/12	Ultra scientific, Lot CF-1469			(Purchased Reagent)		PCB-1254	100 ug/mL
							PCB-1254 Peak 1	100 ug/mL
							PCB-1254 Peak 2	100 ug/mL
							PCB-1254 Peak 3	100 ug/mL
							PCB-1254 Peak 4	100 ug/mL
							PCB-1254 Peak 5	100 ug/mL
AR_3262_L(.5)_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	0.25 mL	PCB-1232 Peak 1	0.025 ug/mL
							PCB-1232 Peak 2	0.025 ug/mL
							PCB-1232 Peak 3	0.025 ug/mL
							PCB-1232 Peak 4	0.025 ug/mL
							PCB-1232 Peak 5	0.025 ug/mL
							PCB-1262 Peak 1	0.025 ug/mL
							PCB-1262 Peak 2	0.025 ug/mL
							PCB-1262 Peak 3	0.025 ug/mL
							PCB-1262 Peak 4	0.025 ug/mL
							PCB-1262 Peak 5	0.025 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12	Accustandard, Lot B8020263			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12	accustandard, Lot B6010227			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L1_00006	02/01/12	08/01/10	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
							PCB-1262 Peak 1	0.05 ug/mL
							PCB-1262 Peak 2	0.05 ug/mL
							PCB-1262 Peak 3	0.05 ug/mL
							PCB-1262 Peak 4	0.05 ug/mL
							PCB-1262 Peak 5	0.05 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L2_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
							PCB-1262 Peak 1	0.1 ug/mL
							PCB-1262 Peak 2	0.1 ug/mL
							PCB-1262 Peak 3	0.1 ug/mL
							PCB-1262 Peak 4	0.1 ug/mL
							PCB-1262 Peak 5	0.1 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	2.5 mL	PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL
							PCB-1232 Peak 5	0.25 ug/mL
							PCB-1262 Peak 1	0.25 ug/mL
							PCB-1262 Peak 2	0.25 ug/mL
							PCB-1262 Peak 3	0.25 ug/mL
							PCB-1262 Peak 4	0.25 ug/mL
							PCB-1262 Peak 5	0.25 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
							PCB-1262 Peak 1	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	0.5 ug/mL
							PCB-1262 Peak 3	0.5 ug/mL
							PCB-1262 Peak 4	0.5 ug/mL
							PCB-1262 Peak 5	0.5 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	7.5 mL	PCB-1232 Peak 1	0.75 ug/mL
							PCB-1232 Peak 2	0.75 ug/mL
							PCB-1232 Peak 3	0.75 ug/mL
							PCB-1232 Peak 4	0.75 ug/mL
							PCB-1232 Peak 5	0.75 ug/mL
							PCB-1262 Peak 1	0.75 ug/mL
							PCB-1262 Peak 2	0.75 ug/mL
							PCB-1262 Peak 3	0.75 ug/mL
							PCB-1262 Peak 4	0.75 ug/mL
							PCB-1262 Peak 5	0.75 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
.AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
.AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_4268_L(.5)_00005	01/31/12	08/02/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	0.25 mL	PCB-1242 Peak 1	0.025 ug/mL
							PCB-1242 Peak 2	0.025 ug/mL
							PCB-1242 Peak 3	0.025 ug/mL
							PCB-1242 Peak 4	0.025 ug/mL
							PCB-1242 Peak 5	0.025 ug/mL
							PCB-1268 Peak 1	0.025 ug/mL
							PCB-1268 Peak 2	0.025 ug/mL
							PCB-1268 Peak 3	0.025 ug/mL
							PCB-1268 Peak 4	0.025 ug/mL
							PCB-1268 Peak 5	0.025 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L1_00005	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
							PCB-1268 Peak 1	0.05 ug/mL
							PCB-1268 Peak 2	0.05 ug/mL
							PCB-1268 Peak 3	0.05 ug/mL
							PCB-1268 Peak 4	0.05 ug/mL
							PCB-1268 Peak 5	0.05 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L2_00004	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
							PCB-1268 Peak 1	0.1 ug/mL
							PCB-1268 Peak 2	0.1 ug/mL
							PCB-1268 Peak 3	0.1 ug/mL
							PCB-1268 Peak 4	0.1 ug/mL
							PCB-1268 Peak 5	0.1 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L3_00004	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	2.5 mL	PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
							PCB-1268 Peak 1	0.25 ug/mL
							PCB-1268 Peak 2	0.25 ug/mL
							PCB-1268 Peak 3	0.25 ug/mL
							PCB-1268 Peak 4	0.25 ug/mL
							PCB-1268 Peak 5	0.25 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L4_00007	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
							PCB-1268 Peak 1	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	0.5 ug/mL
							PCB-1268 Peak 3	0.5 ug/mL
							PCB-1268 Peak 4	0.5 ug/mL
							PCB-1268 Peak 5	0.5 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L5_00005	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	7.5 mL	PCB-1242 Peak 1	0.75 ug/mL
							PCB-1242 Peak 2	0.75 ug/mL
							PCB-1242 Peak 3	0.75 ug/mL
							PCB-1242 Peak 4	0.75 ug/mL
							PCB-1242 Peak 5	0.75 ug/mL
							PCB-1268 Peak 1	0.75 ug/mL
							PCB-1268 Peak 2	0.75 ug/mL
							PCB-1268 Peak 3	0.75 ug/mL
							PCB-1268 Peak 4	0.75 ug/mL
							PCB-1268 Peak 5	0.75 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
.AR_1242_ACC_00003	08/01/12	Accustandard, Lot B9020263			(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
.AR_1268_ACC_00003	08/01/12	Accustandard, Lot B6110090			(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
Hg Daily Spk_00380	09/16/11	09/15/11	1% HNO3, Lot K14036	100 mL	Hg Mnth Spike_00026	1 mL	Mercury	0.1 mg/L
.Hg Mnth Spike_00026	10/06/11	09/06/11	1% HNO3, Lot H14024	100 mL	Hg Ultra Prim_00003	1 mL	Mercury	10 mg/L
..Hg Ultra Prim_00003	05/31/17	Ultra Scientific, Lot L00365			(Purchased Reagent)		Mercury	1000 mg/L
Hg Soil CCV_00226	09/16/11	09/15/11	1% HNO3, Lot K14036	50 mL	Hg Daily Spk_00380	2.5 mL	Mercury	0.005 mg/L
.Hg Daily Spk_00380	09/16/11	09/15/11	1% HNO3, Lot K14036	100 mL	Hg Mnth Spike_00026	1 mL	Mercury	0.1 mg/L
..Hg Mnth Spike_00026	10/06/11	09/06/11	1% HNO3, Lot H14024	100 mL	Hg Ultra Prim_00003	1 mL	Mercury	10 mg/L
...Hg Ultra Prim_00003	05/31/17	Ultra Scientific, Lot L00365			(Purchased Reagent)		Mercury	1000 mg/L
Hg SoilICV_00223	09/16/11	09/15/11	1% HNO3, Lot K14036	50 mL	Hg Biwk ICV_00060	0.5 mL	Mercury	0.004 mg/L
.Hg Biwk ICV_00060	09/27/11	09/13/11	1% HNO3, Lot H14024	100 mL	Hg ICV Stock_00003	0.4 mL	Mercury	0.4 mg/L
..Hg ICV Stock_00003	04/01/12	Inorganic Ventures, Lot D2-HG02076			(Purchased Reagent)		Mercury	100 mg/L
ICP CCVL_00194	12/01/11	09/26/11	5%/5% HCL/HNO3, Lot SEE LOGBOOK	500 mL	ICP ICAL1A_00169	250 mL	Cadmium	0.5 mg/L
.ICP ICAL1A_00169	12/01/11	09/22/11	5%/5% HCL/HNO3, Lot SEE LOGBOOK	500 mL	Icp cal std 3_00003	5 mL	Cadmium	1 mg/L
..Icp cal std 3_00003	01/01/12	Inorganic Ventures, Lot d2-meb357086			(Purchased Reagent)		Cadmium	100 mg/L
ICP ICSA_00046	03/01/12	09/16/11	5%/5% HCL/HNO3, Lot SEE LOGBOOK	250 mL	Icp stk ICSA_00004	25 mL	Al	500 mg/L
							Ca	500 mg/L
							Fe	200 mg/L
							Mg	500 mg/L
.Icp stk ICSA_00004	03/01/12	Inorganic Ventures, Lot e2-meb348035			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe	2000 mg/L
							Mg	5000 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
ICP ICSAB_00037	01/01/12	09/15/11	5%/5% HCL/HNO3, Lot SEE LOGBOOK	250 mL	1000 Zr SPEX_00001	0.25 mL	Zr	1 mg/L
					10000 Si_00005	0.25 mL	Si	10 mg/L
					10000 Th_00002	0.05 mL	Th	2 mg/L
					ANALYTES B_00004	2.5 mL	Ag	1 mg/L
							Ba	0.5 mg/L
							Be	0.5 mg/L
							Cadmium	1 mg/L
							Co	0.5 mg/L
							Cr	0.5 mg/L
							Cu	0.5 mg/L
							Mn	0.5 mg/L
							Ni	1 mg/L
							Pb	1 mg/L
							V	0.5 mg/L
							Zn	1 mg/L
					ICP ISAB 1B_00003	2.5 mL	Tl	10 mg/L
					ICP ISAB STD1_00003	2.5 mL	As	2 mg/L
							B	2 mg/L
							K	50 mg/L
							Li	1 mg/L
							Mo	1 mg/L
							Na	50 mg/L
							P	2 mg/L
							Sb	1 mg/L
							Se	5 mg/L
							Sr	1 mg/L
					ICP ISAB STD2_00003	2.5 mL	Sn	10 mg/L
							Ti	1 mg/L
					Icp stk ICSA_00005	25 mL	Al	500 mg/L
							Ca	500 mg/L
							Fe	200 mg/L
							Mg	500 mg/L
.1000 Zr SPEX_00001	01/15/12		Spex, Lot 16-119zr		(Purchased Reagent)		Zr	1000 mg/L
.10000 Si_00005	03/01/12		Inorganic ventures, Lot D2-si02143		(Purchased Reagent)		Si	10000 mg/L
.10000 Th_00002	01/01/12		Inorganic Ventures, Lot D2-TH01080		(Purchased Reagent)		Th	10000 mg/L
.ANALYTES B_00004	01/14/12		SPEX, Lot 22-145JB		(Purchased Reagent)		Ag	100 mg/L
							Ba	50 mg/L
							Be	50 mg/L
							Cadmium	100 mg/L
							Co	50 mg/L
							Cr	50 mg/L
							Cu	50 mg/L
							Mn	50 mg/L
							Ni	100 mg/L
							Pb	100 mg/L
							V	50 mg/L
							Zn	100 mg/L
.ICP ISAB 1B_00003	05/17/12		High Purity, Lot 1113639		(Purchased Reagent)		Tl	1000 mg/L
.ICP ISAB STD1_00003	05/17/12		High Purity, Lot 1113639		(Purchased Reagent)		As	200 mg/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							B	200 mg/L
							K	5000 mg/L
							Li	100 mg/L
							Mo	100 mg/L
							Na	5000 mg/L
							P	200 mg/L
							Sb	100 mg/L
							Se	500 mg/L
							Sr	100 mg/L
.ICP ISAB STD2_00003	05/17/12	High Purity, Lot 1113640			(Purchased Reagent)		Sn	1000 mg/L
							Ti	100 mg/L
.Icp stk ICSA_00005	10/01/12	Inorganic Ventures, Lot e2-meb348035			(Purchased Reagent)		Al	5000 mg/L
							Ca	5000 mg/L
							Fe	2000 mg/L
							Mg	5000 mg/L
ICP ICVL_00057	03/23/12	09/09/11	5%/5% HCL/HNO3, Lot SEE LOGBOOK	200 mL	Icp ICVL A_00003	2 mL	Cadmium	0.25 mg/L
.Icp ICVL A_00003	03/23/12	High Purity, Lot 1108102			(Purchased Reagent)		Cadmium	25 mg/L
ICP PDS 1_00003	06/01/12	Inorganic Ventures, Lot E2-MEB377056			(Purchased Reagent)		Cadmium	5 mg/L
ICP RL STD_00467	09/30/11	09/29/11	5:HNO3/5%HCl, Lot see reagent log	100 mL	ICP RL STD3A_00003	0.1 mL	Cadmium	0.005 mg/L
.ICP RL STD3A_00003	07/01/12	Inorganic Ventures, Lot E2-MEB381084			(Purchased Reagent)		Cadmium	5 mg/L
ICP SPK 2A_00033	10/01/12	Inorganic Ventures, Lot E2-meb381080			(Purchased Reagent)		B	100 mg/L
							Mo	100 mg/L
							Sb	50 mg/L
							Si	1000 mg/L
							SiO2	2140 mg/L
							Sn	200 mg/L
							Ti	100 mg/L
							Zr	50 mg/L
ICP SPK 3A_00034	08/01/12	Inorganic Ventures, Lot E2-meb381081			(Purchased Reagent)		Ag	5 mg/L
							Al	200 mg/L
							As	100 mg/L
							Ba	200 mg/L
							Be	5 mg/L
							Bi	200 mg/L
							Ca	5000 mg/L
							Cadmium	10 mg/L
							Co	50 mg/L
							Cr	20 mg/L
							Cu	25 mg/L
							Fe	100 mg/L
							K	5000 mg/L
							Li	100 mg/L
							Mg	5000 mg/L
							Mn	50 mg/L
							Na	5000 mg/L
							Ni	50 mg/L
							P	1000 mg/L

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pb	50 mg/L
							Se	200 mg/L
							Sr	100 mg/L
							Th	100 mg/L
							Tl	200 mg/L
							U	200 mg/L
							V	50 mg/L
							Zn	50 mg/L
MS-AP9-010_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	25 uL	Dimethoate	10 ug/mL
							Disulfoton	10 ug/mL
							Ethyl Parathion	10 ug/mL
							Methyl parathion	10 ug/mL
							o,o',o''-Triethylphosphorothioate	10 ug/mL
							Phorate	10 ug/mL
							Sulfotepp	10 ug/mL
							Thionazin	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							3,3'-Dimethylbenzidine	10 ug/mL
							p-Phenylene diamine	10 ug/mL
							1,2,4,5-Tetrachlorobenzene	10 ug/mL
							1,3,5-Trinitrobenzene	10 ug/mL
							1,3-Dinitrobenzene	10 ug/mL
							1-Naphthylamine	10 ug/mL
							2,3,4,6-Tetrachlorophenol	10 ug/mL
							2,6-Dichlorophenol	10 ug/mL
							2-Acetylaminofluorene	10 ug/mL
							2-Naphthylamine	10 ug/mL
							2-Picoline	10 ug/mL
							2-Toluidine	10 ug/mL
							3-Methylcholanthrene	10 ug/mL
							4-Aminobiphenyl	10 ug/mL
							4-Nitroquinoline-1-oxide	10 ug/mL
							7,12-Dimethylbenz(a)anthracene	10 ug/mL
							Diphenylamine	10 ug/mL
							Ethyl methanesulfonate	10 ug/mL
							Hexachloropropene	10 ug/mL
							Methapyrilene	10 ug/mL
							Methyl methanesulfonate	10 ug/mL
							N-Nitro-o-toluidine	10 ug/mL
							N-Nitrosodi-n-butylamine	10 ug/mL
							N-Nitrosodiethylamine	10 ug/mL
							N-Nitrosomethylethylamine	10 ug/mL
							N-Nitrosomorpholine	10 ug/mL
							N-Nitrosopiperidine	10 ug/mL
							N-Nitrosopyrrolidine	10 ug/mL
							p-Dimethylamino azobenzene	10 ug/mL
							Pentachlorobenzene	10 ug/mL
							Pentachloroethane	10 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachloronitrobenzene	10 ug/mL
							Phenacetin	10 ug/mL
							Safrole, Total	10 ug/mL
							1,4-Dinitrobenzene	10 ug/mL
							1,4-Naphthoquinone	10 ug/mL
							alpha,alpha-Dimethyl phenethylamine	10 ug/mL
							Chlorobenzilate	10 ug/mL
							Isodrin	10 ug/mL
							Pronamide	10 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9-020_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	50 uL	Dimethoate	20 ug/mL
							Disulfoton	20 ug/mL
							Ethyl Parathion	20 ug/mL
							Methyl parathion	20 ug/mL
							o,o',o''-Triethylphosphorothioate	20 ug/mL
							Phorate	20 ug/mL
							Sulfotepp	20 ug/mL
							Thionazin	20 ug/mL
							1,1'-Biphenyl	20 ug/mL
							3,3'-Dimethylbenzidine	20 ug/mL
							p-Phenylene diamine	20 ug/mL
							1,2,4,5-Tetrachlorobenzene	20 ug/mL
							1,3,5-Trinitrobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1-Naphthylamine	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,6-Dichlorophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Acetylaminofluorene	20 ug/mL
							2-Naphthylamine	20 ug/mL
							2-Picoline	20 ug/mL
							2-Toluidine	20 ug/mL
							3-Methylcholanthrene	20 ug/mL
							4-Aminobiphenyl	20 ug/mL
							4-Nitroquinoline-1-oxide	20 ug/mL
							7,12-Dimethylbenz(a)anthracene	20 ug/mL
							Diphenylamine	20 ug/mL
							Ethyl methanesulfonate	20 ug/mL
							Hexachloropropene	20 ug/mL
							Methapyrilene	20 ug/mL
							Methyl methanesulfonate	20 ug/mL
							N-Nitro-o-toluidine	20 ug/mL
							N-Nitrosodi-n-butylamine	20 ug/mL
							N-Nitrosodiethylamine	20 ug/mL
							N-Nitrosomethylethylamine	20 ug/mL
							N-Nitrosomorpholine	20 ug/mL
							N-Nitrosopiperidine	20 ug/mL
							N-Nitrosopyrrolidine	20 ug/mL
							p-Dimethylamino azobenzene	20 ug/mL
							Pentachlorobenzene	20 ug/mL
							Pentachloroethane	20 ug/mL
							Pentachloronitrobenzene	20 ug/mL
							Phenacetin	20 ug/mL
							Safrole, Total	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1,4-Naphthoquinone	20 ug/mL
							alpha,alpha-Dimethyl phenethylamine	20 ug/mL
							Chlorobenzilate	20 ug/mL
							Isodrin	20 ug/mL
							Pronamide	20 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9-050_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	125 uL	Dimethoate	50 ug/mL
							Disulfoton	50 ug/mL
							Ethyl Parathion	50 ug/mL
							Methyl parathion	50 ug/mL
							o,o',o''-Triethylphosphorothioate	50 ug/mL
							Phorate	50 ug/mL
							Sulfotepp	50 ug/mL
							Thionazin	50 ug/mL
							1,1'-Biphenyl	50 ug/mL
							3,3'-Dimethylbenzidine	50 ug/mL
							p-Phenylene diamine	50 ug/mL
							1,2,4,5-Tetrachlorobenzene	50 ug/mL
							1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							1-Naphthylamine	50 ug/mL
							2,3,4,6-Tetrachlorophenol	50 ug/mL
							2,6-Dichlorophenol	50 ug/mL
							2-Acetylaminofluorene	50 ug/mL
							2-Naphthylamine	50 ug/mL
							2-Picoline	50 ug/mL
							2-Toluidine	50 ug/mL
							3-Methylcholanthrene	50 ug/mL
							4-Aminobiphenyl	50 ug/mL
							4-Nitroquinoline-1-oxide	50 ug/mL
							7,12-Dimethylbenz(a)anthracene	50 ug/mL
							Diphenylamine	50 ug/mL
							Ethyl methanesulfonate	50 ug/mL
							Hexachloropropene	50 ug/mL
							Methapyrilene	50 ug/mL
							Methyl methanesulfonate	50 ug/mL
							N-Nitro-o-toluidine	50 ug/mL
							N-Nitrosodi-n-butylamine	50 ug/mL
							N-Nitrosodiethylamine	50 ug/mL
							N-Nitrosomethylethylamine	50 ug/mL
							N-Nitrosomorpholine	50 ug/mL
							N-Nitrosopiperidine	50 ug/mL
							N-Nitrosopyrrolidine	50 ug/mL
							p-Dimethylamino azobenzene	50 ug/mL
							Pentachlorobenzene	50 ug/mL
							Pentachloroethane	50 ug/mL
							Pentachloronitrobenzene	50 ug/mL
							Phenacetin	50 ug/mL
							Safrole, Total	50 ug/mL
							1,4-Dinitrobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Naphthoquinone	50 ug/mL
							alpha,alpha-Dimethyl phenethylamine	50 ug/mL
							Chlorobenzilate	50 ug/mL
							Isodrin	50 ug/mL
							Pronamide	50 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9-080_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	200 uL	Dimethoate	80 ug/mL
							Disulfoton	80 ug/mL
							Ethyl Parathion	80 ug/mL
							Methyl parathion	80 ug/mL
							o,o',o''-Triethylphosphorothioate	80 ug/mL
							Phorate	80 ug/mL
							Sulfotepp	80 ug/mL
							Thionazin	80 ug/mL
							1,1'-Biphenyl	80 ug/mL
							3,3'-Dimethylbenzidine	80 ug/mL
							p-Phenylene diamine	80 ug/mL
							1,2,4,5-Tetrachlorobenzene	80 ug/mL
							1,3,5-Trinitrobenzene	80 ug/mL
							1,3-Dinitrobenzene	80 ug/mL
							1-Naphthylamine	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,6-Dichlorophenol	80 ug/mL
							2-Acetylaminofluorene	80 ug/mL
							2-Naphthylamine	80 ug/mL
							2-Picoline	80 ug/mL
							2-Toluidine	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Methylcholanthrene	80 ug/mL
							4-Aminobiphenyl	80 ug/mL
							4-Nitroquinoline-1-oxide	80 ug/mL
							7,12-Dimethylbenz(a)anthracene	80 ug/mL
							Diphenylamine	80 ug/mL
							Ethyl methanesulfonate	80 ug/mL
							Hexachloropropene	80 ug/mL
							Methapyrilene	80 ug/mL
							Methyl methanesulfonate	80 ug/mL
							N-Nitro-o-toluidine	80 ug/mL
							N-Nitrosodi-n-butylamine	80 ug/mL
							N-Nitrosodiethylamine	80 ug/mL
							N-Nitrosomethylethylamine	80 ug/mL
							N-Nitrosomorpholine	80 ug/mL
							N-Nitrosopiperidine	80 ug/mL
							N-Nitrosopyrrolidine	80 ug/mL
							p-Dimethylamino azobenzene	80 ug/mL
							Pentachlorobenzene	80 ug/mL
							Pentachloroethane	80 ug/mL
							Pentachloronitrobenzene	80 ug/mL
							Phenacetin	80 ug/mL
							Safrole, Total	80 ug/mL
							1,4-Dinitrobenzene	80 ug/mL
							1,4-Naphthoquinone	80 ug/mL
							alpha,alpha-Dimethyl phenethylamine	80 ug/mL
							Chlorobenzilate	80 ug/mL
							Isodrin	80 ug/mL
							Pronamide	80 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MS-AP9-120_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	300 uL	Dimethoate	120 ug/mL
							Disulfoton	120 ug/mL
							Ethyl Parathion	120 ug/mL
							Methyl parathion	120 ug/mL
							o,o',o''-Triethylphosphorothioate	120 ug/mL
							Phorate	120 ug/mL
							Sulfotepp	120 ug/mL
							Thionazin	120 ug/mL
							1,1'-Biphenyl	120 ug/mL
							3,3'-Dimethylbenzidine	120 ug/mL
							p-Phenylene diamine	120 ug/mL
							1,2,4,5-Tetrachlorobenzene	120 ug/mL
							1,3,5-Trinitrobenzene	120 ug/mL
							1,3-Dinitrobenzene	120 ug/mL
							1-Naphthylamine	120 ug/mL
							2,3,4,6-Tetrachlorophenol	120 ug/mL
							2,6-Dichlorophenol	120 ug/mL
							2-Acetylaminofluorene	120 ug/mL
							2-Naphthylamine	120 ug/mL
							2-Picoline	120 ug/mL
							2-Toluidine	120 ug/mL
							3-Methylcholanthrene	120 ug/mL
							4-Aminobiphenyl	120 ug/mL
							4-Nitroquinoline-1-oxide	120 ug/mL
							7,12-Dimethylbenz(a)anthracene	120 ug/mL
							Diphenylamine	120 ug/mL
							Ethyl methanesulfonate	120 ug/mL
							Hexachloropropene	120 ug/mL
							Methapyrilene	120 ug/mL
							Methyl methanesulfonate	120 ug/mL
							N-Nitro-o-toluidine	120 ug/mL
							N-Nitrosodi-n-butylamine	120 ug/mL
							N-Nitrosodiethylamine	120 ug/mL
							N-Nitrosomethylethylamine	120 ug/mL
							N-Nitrosomorpholine	120 ug/mL
							N-Nitrosopiperidine	120 ug/mL
							N-Nitrosopyrrolidine	120 ug/mL
							p-Dimethylamino azobenzene	120 ug/mL
							Pentachlorobenzene	120 ug/mL
							Pentachloroethane	120 ug/mL
							Pentachloronitrobenzene	120 ug/mL
							Phenacetin	120 ug/mL
							Safrole, Total	120 ug/mL
							1,4-Dinitrobenzene	120 ug/mL
							1,4-Naphthoquinone	120 ug/mL
							alpha,alpha-Dimethyl phenethylamine	120 ug/mL
							Chlorobenzilate	120 ug/mL
							Isodrin	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pronamide	120 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9-160_00015	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	400 uL	Dimethoate	160 ug/mL
							Disulfoton	160 ug/mL
							Ethyl Parathion	160 ug/mL
							Methyl parathion	160 ug/mL
							o,o',o''-Triethylphosphorothioate	160 ug/mL
							Phorate	160 ug/mL
							Sulfotepp	160 ug/mL
							Thionazin	160 ug/mL
							1,1'-Biphenyl	160 ug/mL
							3,3'-Dimethylbenzidine	160 ug/mL
							p-Phenylene diamine	160 ug/mL
							1,2,4,5-Tetrachlorobenzene	160 ug/mL
							1,3,5-Trinitrobenzene	160 ug/mL
							1,3-Dinitrobenzene	160 ug/mL
							1-Naphthylamine	160 ug/mL
							2,3,4,6-Tetrachlorophenol	160 ug/mL
							2,6-Dichlorophenol	160 ug/mL
							2-Acetylaminofluorene	160 ug/mL
							2-Naphthylamine	160 ug/mL
							2-Picoline	160 ug/mL
							2-Toluidine	160 ug/mL
							3-Methylcholanthrene	160 ug/mL
							4-Aminobiphenyl	160 ug/mL
							4-Nitroquinoline-1-oxide	160 ug/mL
							7,12-Dimethylbenz(a)anthracene	160 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diphenylamine	160 ug/mL
							Ethyl methanesulfonate	160 ug/mL
							Hexachloropropene	160 ug/mL
							Methapyrilene	160 ug/mL
							Methyl methanesulfonate	160 ug/mL
							N-Nitro-o-toluidine	160 ug/mL
							N-Nitrosodi-n-butylamine	160 ug/mL
							N-Nitrosodiethylamine	160 ug/mL
							N-Nitrosomethylethylamine	160 ug/mL
							N-Nitrosomorpholine	160 ug/mL
							N-Nitrosopiperidine	160 ug/mL
							N-Nitrosopyrrolidine	160 ug/mL
							p-Dimethylamino azobenzene	160 ug/mL
							Pentachlorobenzene	160 ug/mL
							Pentachloroethane	160 ug/mL
							Pentachloronitrobenzene	160 ug/mL
							Phenacetin	160 ug/mL
							Safrole, Total	160 ug/mL
							1,4-Dinitrobenzene	160 ug/mL
							1,4-Naphthoquinone	160 ug/mL
							alpha,alpha-Dimethyl phenethylamine	160 ug/mL
							Chlorobenzilate	160 ug/mL
							Isodrin	160 ug/mL
							Pronamide	160 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9-200_00014	09/30/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	500 uL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
							1,1'-Biphenyl	200 ug/mL
							3,3'-Dimethylbenzidine	200 ug/mL
							p-Phenylene diamine	200 ug/mL
							1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
							1,4-Dinitrobenzene	200 ug/mL
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-46704-U_00006	1 mL	Dimethoate	200 ug/mL
							Disulfoton	200 ug/mL
							Ethyl Parathion	200 ug/mL
							Methyl parathion	200 ug/mL
							o,o',o''-Triethylphosphorothioate	200 ug/mL
							Phorate	200 ug/mL
							Sulfotepp	200 ug/mL
							Thionazin	200 ug/mL
					MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-48467_00011	1 mL	3,3'-Dimethylbenzidine	200 ug/mL
					MS-501069_00006	1 mL	p-Phenylene diamine	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							1-Naphthylamine	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							2-Acetylaminofluorene	200 ug/mL
							2-Naphthylamine	200 ug/mL
							2-Picoline	200 ug/mL
							2-Toluidine	200 ug/mL
							3-Methylcholanthrene	200 ug/mL
							4-Aminobiphenyl	200 ug/mL
							4-Nitroquinoline-1-oxide	200 ug/mL
							7,12-Dimethylbenz(a)anthracene	200 ug/mL
							Diphenylamine	200 ug/mL
							Ethyl methanesulfonate	200 ug/mL
							Hexachloropropene	200 ug/mL
							Methapyrilene	200 ug/mL
							Methyl methanesulfonate	200 ug/mL
							N-Nitro-o-toluidine	200 ug/mL
							N-Nitrosodi-n-butylamine	200 ug/mL
							N-Nitrosodiethylamine	200 ug/mL
							N-Nitrosomethylethylamine	200 ug/mL
							N-Nitrosomorpholine	200 ug/mL
							N-Nitrosopiperidine	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
							p-Dimethylamino azobenzene	200 ug/mL
							Pentachlorobenzene	200 ug/mL
							Pentachloroethane	200 ug/mL
							Pentachloronitrobenzene	200 ug/mL
							Phenacetin	200 ug/mL
							Safrole, Total	200 ug/mL
					MS-861141_00006	1 mL	1,4-Dinitrobenzene	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Naphthoquinone	200 ug/mL
							alpha,alpha-Dimethyl phenethylamine	200 ug/mL
							Chlorobenzilate	200 ug/mL
							Isodrin	200 ug/mL
							Pronamide	200 ug/mL
..MS-46704-U_00006	03/31/12		Supelco, Lot LB65438		(Purchased Reagent)		Dimethoate	2000 ug/mL
							Disulfoton	2000 ug/mL
							Ethyl Parathion	2000 ug/mL
							Methyl parathion	2000 ug/mL
							o,o',o''-Triethylphosphorothioate	2000 ug/mL
							Phorate	2000 ug/mL
							Sulfotepp	2000 ug/mL
							Thionazin	2000 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-48467_00011	09/30/13		Supelco, Lot LB79050		(Purchased Reagent)		3,3'-Dimethylbenzidine	2000 ug/mL
..MS-501069_00006	05/31/12		Supelco, Lot LB69019		(Purchased Reagent)		p-Phenylene diamine	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							1-Naphthylamine	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							2-Acetylaminofluorene	1000 ug/mL
							2-Naphthylamine	1000 ug/mL
							2-Picoline	1000 ug/mL
							2-Toluidine	1000 ug/mL
							3-Methylcholanthrene	1000 ug/mL
							4-Aminobiphenyl	1000 ug/mL
							4-Nitroquinoline-1-oxide	1000 ug/mL
							7,12-Dimethylbenz(a)anthracene	1000 ug/mL
							Diphenylamine	1000 ug/mL
							Ethyl methanesulfonate	1000 ug/mL
							Hexachloropropene	1000 ug/mL
							Methapyrilene	1000 ug/mL
							Methyl methanesulfonate	1000 ug/mL
							N-Nitro-o-toluidine	1000 ug/mL
							N-Nitrosodi-n-butylamine	1000 ug/mL
							N-Nitrosodiethylamine	1000 ug/mL
							N-Nitrosomethylethylamine	1000 ug/mL
							N-Nitrosomorpholine	1000 ug/mL
							N-Nitrosopiperidine	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
							p-Dimethylamino azobenzene	1000 ug/mL
							Pentachlorobenzene	1000 ug/mL
							Pentachloroethane	1000 ug/mL
							Pentachloronitrobenzene	1000 ug/mL
							Phenacetin	1000 ug/mL
							Safrole, Total	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MS-861141_00006	09/30/12		Supelco, Lot LB78041		(Purchased Reagent)		1,4-Dinitrobenzene	2000 ug/mL
							1,4-Naphthoquinone	2000 ug/mL
							alpha,alpha-Dimethyl phenethylamine	2000 ug/mL
							Chlorobenzilate	2000 ug/mL
							Isodrin	2000 ug/mL
							Pronamide	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-AP9080CCAL_00016	09/30/11	09/13/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9CAL STK_00008	200 uL	1,1'-Biphenyl	80 ug/mL
							1,2,4,5-Tetrachlorobenzene	80 ug/mL
							2,3,4,6-Tetrachlorophenol	80 ug/mL
							2,6-Dichlorophenol	80 ug/mL
							N-Nitrosopyrrolidine	80 ug/mL
.MS-AP9CAL STK_00008	09/30/11	05/13/11	Methylene Chloride, Lot K01S10	10 mL	MS-48161_00006	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-506567_00010	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
							2,6-Dichlorophenol	200 ug/mL
							N-Nitrosopyrrolidine	200 ug/mL
..MS-48161_00006	09/30/11		Supelco, Lot LB61183		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL
..MS-506567_00010	02/29/12		Supelco, Lot LB798 31		(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	1000 ug/mL
							2,3,4,6-Tetrachlorophenol	1000 ug/mL
							2,6-Dichlorophenol	1000 ug/mL
							N-Nitrosopyrrolidine	1000 ug/mL
MS-AP9SSV1_00017	09/23/11	08/05/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-AP9SSV1STK_00004	250 uL	1,1'-Biphenyl	100 ug/mL
							2,6-Dichlorophenol	100 ug/mL
							1,2,4,5-Tetrachlorobenzene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							N-Nitrosopyrrolidine	100 ug/mL
.MS-AP9SSV1STK_00004	09/23/11	06/14/11	Methylene Chloride, Lot K01S10	10 mL	MS-565836_00001	1 mL	1,1'-Biphenyl	200 ug/mL
					MS-M8270-02_00007	1 mL	2,6-Dichlorophenol	200 ug/mL
					MS-M8270-03_00007	1 mL	1,2,4,5-Tetrachlorobenzene	200 ug/mL
							2,3,4,6-Tetrachlorophenol	200 ug/mL
					MS-M8270-08_00007	1 mL	N-Nitrosopyrrolidine	200 ug/mL
..MS-565836_00001	06/30/12		Restek, Lot A078659		(Purchased Reagent)		1,1'-Biphenyl	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MS-M8270-02_00007	04/08/13	AccuStandard, Lot 211041086			(Purchased Reagent)		2,6-Dichlorophenol	2000 ug/mL
..MS-M8270-03_00007	05/31/12	AccuStandard, Lot 210031389			(Purchased Reagent)		1,2,4,5-Tetrachlorobenzene	2000 ug/mL
							2,3,4,6-Tetrachlorophenol	2000 ug/mL
..MS-M8270-08_00007	04/14/12	AccuStandard, Lot 210031437-02			(Purchased Reagent)		N-Nitrosopyrrolidine	2000 ug/mL
MS-BENZSSV100_00012	10/20/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BENZSSVSTK_00002	250 uL	3,3'-Dichlorobenzidine	100 ug/mL
							Benzidine	100 ug/mL
.MS-BENZSSVSTK_00002	10/20/11	10/20/10	Methylene Chloride, Lot J21S06	10 mL	MS-48467_00005	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
..MS-48467_00005	06/30/12	Supelco, Lot LB68009			(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
MS-BZHD-010_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	25 uL	Benzaldehyde	10 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12	Restek, Lot A072600			(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12	Supelco, Lot LB64746			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12	Supelco, Lot LB64746			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHD-020_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	50 uL	Benzaldehyde	20 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHD-050_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	125 uL	Benzaldehyde	50 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHD-080_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	200 uL	Benzaldehyde	80 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHD-120_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	300 uL	Benzaldehyde	120 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHD-160_00007	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	400 uL	Benzaldehyde	160 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MS-BZHD-200_00006	09/10/11	05/20/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-BZHDCALSTK_00001	500 uL	Benzaldehyde	200 ug/mL
					MS-IS_00002	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
.MS-IS_00002	09/10/11	09/10/10	Methylene Chloride, Lot J21S06	375 mL	MS-46866-U_00004	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00005	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
					MS-46866-U_00006	25 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00004	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00005	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
..MS-46866-U_00006	02/28/12		Supelco, Lot LB64746		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-BZHDCCAL80_00008	09/23/11	09/16/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-BZHDCALSTK_00001	200 uL	Benzaldehyde	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MS-BZHDCALSTK_00001	09/23/11	09/23/10	Methylene Chloride, Lot J21S06	10 mL	MS-33017_00003	1 mL	Benzaldehyde	200 ug/mL
..MS-33017_00003	01/31/12		Restek, Lot A072600		(Purchased Reagent)		Benzaldehyde	2000 ug/mL
MS-HSL004_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	10 uL	2,4,6-Tribromophenol (Surr)	6 ug/mL
							2-Fluorobiphenyl	4 ug/mL
							2-Fluorophenol (Surr)	6 ug/mL
							Nitrobenzene-d5 (Surr)	4 ug/mL
							Phenol-d5 (Surr)	6 ug/mL
							Terphenyl-d14 (Surr)	4 ug/mL
							3,3'-Dichlorobenzidine	4 ug/mL
							Benzidine	4 ug/mL
							1,2,4-Trichlorobenzene	4 ug/mL
							1,2-Dichlorobenzene	4 ug/mL
							1,2-Diphenylhydrazine	4.0439 ug/mL
							1,3-Dichlorobenzene	4 ug/mL
							1,4-Dichlorobenzene	4 ug/mL
							1-Methylnaphthalene	4 ug/mL
							2,2'-oxybis[1-chloropropane]	4 ug/mL
							2,4,5-Trichlorophenol	4 ug/mL
							2,4,6-Trichlorophenol	4 ug/mL
							2,4-Dichlorophenol	4 ug/mL
							2,4-Dimethylphenol	4 ug/mL
							2,4-Dinitrophenol	4 ug/mL
							2,4-Dinitrotoluene	4 ug/mL
							2,6-Dinitrotoluene	4 ug/mL
							2-Chloronaphthalene	4 ug/mL
							2-Chlorophenol	4 ug/mL
							2-Methylnaphthalene	4 ug/mL
							2-Methylphenol	4 ug/mL
							2-Nitroaniline	4 ug/mL
							2-Nitrophenol	4 ug/mL
							3 & 4 Methylphenol	4 ug/mL
							3-Nitroaniline	4 ug/mL
							4,6-Dinitro-2-methylphenol	4 ug/mL
							4-Bromophenyl phenyl ether	4 ug/mL
							4-Chloro-3-methylphenol	4 ug/mL
							4-Chloroaniline	4 ug/mL
							4-Chlorophenyl phenyl ether	4 ug/mL
							4-Methylphenol	4 ug/mL
							4-Nitroaniline	4 ug/mL
							4-Nitrophenol	4 ug/mL
							Acenaphthene	4 ug/mL
							Acenaphthylene	4 ug/mL
							Aniline	4 ug/mL
							Anthracene	4 ug/mL
							Benzo[a]anthracene	4 ug/mL
							Benzo[a]pyrene	4 ug/mL
							Benzo[b]fluoranthene	4 ug/mL
							Benzo[g,h,i]perylene	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	4 ug/mL
							Benzyl alcohol	4 ug/mL
							Bis(2-chloroethoxy)methane	4 ug/mL
							Bis(2-chloroethyl)ether	4 ug/mL
							Bis(2-ethylhexyl) phthalate	4 ug/mL
							Butyl benzyl phthalate	4 ug/mL
							Carbazole	4 ug/mL
							Chrysene	4 ug/mL
							Di-n-butyl phthalate	4 ug/mL
							Di-n-octyl phthalate	4 ug/mL
							Dibenz(a,h)anthracene	4 ug/mL
							Dibenzofuran	4 ug/mL
							Diethyl phthalate	4 ug/mL
							Dimethyl phthalate	4 ug/mL
							Fluoranthene	4 ug/mL
							Fluorene	4 ug/mL
							Hexachlorobenzene	4 ug/mL
							Hexachlorobutadiene	4 ug/mL
							Hexachlorocyclopentadiene	4 ug/mL
							Hexachloroethane	4 ug/mL
							Indeno[1,2,3-cd]pyrene	4 ug/mL
							Isophorone	4 ug/mL
							N-Nitrosodi-n-propylamine	4 ug/mL
							N-Nitrosodimethylamine	4 ug/mL
							N-Nitrosodiphenylamine	4 ug/mL
							Naphthalene	4 ug/mL
							Nitrobenzene	4 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenanthrene	4 ug/mL
							Phenol	4 ug/mL
							Pyrene	4 ug/mL
							Pyridine	4 ug/mL
							1,4-Dioxane	4 ug/mL
							Benzoic acid	4 ug/mL
							Acetophenone	4 ug/mL
							Atrazine	4 ug/mL
							Caprolactam	4 ug/mL
							Famphur	4 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL010_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	25 uL	2,4,6-Tribromophenol (Surr)	15 ug/mL
							2-Fluorobiphenyl	10 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Phenol-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							Benzidine	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Diphenylhydrazine	10.1097 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2,2'-oxybis[1-chloropropane]	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Methylphenol	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Aniline	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	10 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
							Pyridine	10 ug/mL
							1,4-Dioxane	10 ug/mL
							Benzoic acid	10 ug/mL
							Acetophenone	10 ug/mL
							Atrazine	10 ug/mL
							Caprolactam	10 ug/mL
							Famphur	10 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MS-HSL020_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	50 uL	2,4,6-Tribromophenol (Surr)	30 ug/mL
							2-Fluorobiphenyl	20 ug/mL
							2-Fluorophenol (Surr)	30 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	30 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							Benzidine	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20.2195 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,2'-oxybis[1-chloropropane]	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Methylphenol	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20 ug/mL
							Anthracene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzyl alcohol	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
							1,4-Dioxane	20 ug/mL
							Benzoic acid	20 ug/mL
							Acetophenone	20 ug/mL
							Atrazine	20 ug/mL
							Caprolactam	20 ug/mL
							Famphur	20 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL050_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	125 uL	2,4,6-Tribromophenol (Surr)	75 ug/mL
							2-Fluorobiphenyl	50 ug/mL
							2-Fluorophenol (Surr)	75 ug/mL
							Nitrobenzene-d5 (Surr)	50 ug/mL
							Phenol-d5 (Surr)	75 ug/mL
							Terphenyl-d14 (Surr)	50 ug/mL
							3,3'-Dichlorobenzidine	50 ug/mL
							Benzidine	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Diphenylhydrazine	50.5487 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1-Methylnaphthalene	50 ug/mL
							2,2'-oxybis[1-chloropropane]	50 ug/mL
							2,4,5-Trichlorophenol	50 ug/mL
							2,4,6-Trichlorophenol	50 ug/mL
							2,4-Dichlorophenol	50 ug/mL
							2,4-Dimethylphenol	50 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Chloronaphthalene	50 ug/mL
							2-Chlorophenol	50 ug/mL
							2-Methylnaphthalene	50 ug/mL
							2-Methylphenol	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitroaniline	50 ug/mL
							2-Nitrophenol	50 ug/mL
							3 & 4 Methylphenol	50 ug/mL
							3-Nitroaniline	50 ug/mL
							4,6-Dinitro-2-methylphenol	50 ug/mL
							4-Bromophenyl phenyl ether	50 ug/mL
							4-Chloro-3-methylphenol	50 ug/mL
							4-Chloroaniline	50 ug/mL
							4-Chlorophenyl phenyl ether	50 ug/mL
							4-Methylphenol	50 ug/mL
							4-Nitroaniline	50 ug/mL
							4-Nitrophenol	50 ug/mL
							Acenaphthene	50 ug/mL
							Acenaphthylene	50 ug/mL
							Aniline	50 ug/mL
							Anthracene	50 ug/mL
							Benzo[a]anthracene	50 ug/mL
							Benzo[a]pyrene	50 ug/mL
							Benzo[b]fluoranthene	50 ug/mL
							Benzo[g,h,i]perylene	50 ug/mL
							Benzo[k]fluoranthene	50 ug/mL
							Benzyl alcohol	50 ug/mL
							Bis(2-chloroethoxy)methane	50 ug/mL
							Bis(2-chloroethyl)ether	50 ug/mL
							Bis(2-ethylhexyl) phthalate	50 ug/mL
							Butyl benzyl phthalate	50 ug/mL
							Carbazole	50 ug/mL
							Chrysene	50 ug/mL
							Di-n-butyl phthalate	50 ug/mL
							Di-n-octyl phthalate	50 ug/mL
							Dibenz(a,h)anthracene	50 ug/mL
							Dibenzofuran	50 ug/mL
							Diethyl phthalate	50 ug/mL
							Dimethyl phthalate	50 ug/mL
							Fluoranthene	50 ug/mL
							Fluorene	50 ug/mL
							Hexachlorobenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexachlorocyclopentadiene	50 ug/mL
							Hexachloroethane	50 ug/mL
							Indeno[1,2,3-cd]pyrene	50 ug/mL
							Isophorone	50 ug/mL
							N-Nitrosodi-n-propylamine	50 ug/mL
							N-Nitrosodimethylamine	50 ug/mL
							N-Nitrosodiphenylamine	50 ug/mL
							Naphthalene	50 ug/mL
							Nitrobenzene	50 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenanthrene	50 ug/mL
							Phenol	50 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	50 ug/mL
							Pyridine	50 ug/mL
							1,4-Dioxane	50 ug/mL
							Benzoic acid	50 ug/mL
							Acetophenone	50 ug/mL
							Atrazine	50 ug/mL
							Caprolactam	50 ug/mL
							Famphur	50 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		30 (Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL080_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	200 uL	2,4,6-Tribromophenol (Surr)	120 ug/mL
							2-Fluorobiphenyl	80 ug/mL
							2-Fluorophenol (Surr)	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	80 ug/mL
							Phenol-d5 (Surr)	120 ug/mL
							Terphenyl-d14 (Surr)	80 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							Benzidine	80 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.878 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							1-Methylnaphthalene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Methylphenol	80 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Aniline	80 ug/mL
							Anthracene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Pyridine	80 ug/mL
							1,4-Dioxane	80 ug/mL
							Benzoic acid	80 ug/mL
							Acetophenone	80 ug/mL
							Atrazine	80 ug/mL
							Caprolactam	80 ug/mL
							Famphur	80 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL120_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	300 uL	2,4,6-Tribromophenol (Surr)	180 ug/mL
							2-Fluorobiphenyl	120 ug/mL
							2-Fluorophenol (Surr)	180 ug/mL
							Nitrobenzene-d5 (Surr)	120 ug/mL
							Phenol-d5 (Surr)	180 ug/mL
							Terphenyl-d14 (Surr)	120 ug/mL
							3,3'-Dichlorobenzidine	120 ug/mL
							Benzidine	120 ug/mL
							1,2,4-Trichlorobenzene	120 ug/mL
							1,2-Dichlorobenzene	120 ug/mL
							1,2-Diphenylhydrazine	121.317 ug/mL
							1,3-Dichlorobenzene	120 ug/mL
							1,4-Dichlorobenzene	120 ug/mL
							1-Methylnaphthalene	120 ug/mL
							2,2'-oxybis[1-chloropropane]	120 ug/mL
							2,4,5-Trichlorophenol	120 ug/mL
							2,4,6-Trichlorophenol	120 ug/mL
							2,4-Dichlorophenol	120 ug/mL
							2,4-Dimethylphenol	120 ug/mL
							2,4-Dinitrophenol	120 ug/mL
							2,4-Dinitrotoluene	120 ug/mL
							2,6-Dinitrotoluene	120 ug/mL
							2-Chloronaphthalene	120 ug/mL
							2-Chlorophenol	120 ug/mL
							2-Methylnaphthalene	120 ug/mL
							2-Methylphenol	120 ug/mL
							2-Nitroaniline	120 ug/mL
							2-Nitrophenol	120 ug/mL
							3 & 4 Methylphenol	120 ug/mL
							3-Nitroaniline	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	120 ug/mL
							4-Bromophenyl phenyl ether	120 ug/mL
							4-Chloro-3-methylphenol	120 ug/mL
							4-Chloroaniline	120 ug/mL
							4-Chlorophenyl phenyl ether	120 ug/mL
							4-Methylphenol	120 ug/mL
							4-Nitroaniline	120 ug/mL
							4-Nitrophenol	120 ug/mL
							Acenaphthene	120 ug/mL
							Acenaphthylene	120 ug/mL
							Aniline	120 ug/mL
							Anthracene	120 ug/mL
							Benzo[a]anthracene	120 ug/mL
							Benzo[a]pyrene	120 ug/mL
							Benzo[b]fluoranthene	120 ug/mL
							Benzo[g,h,i]perylene	120 ug/mL
							Benzo[k]fluoranthene	120 ug/mL
							Benzyl alcohol	120 ug/mL
							Bis(2-chloroethoxy)methane	120 ug/mL
							Bis(2-chloroethyl)ether	120 ug/mL
							Bis(2-ethylhexyl) phthalate	120 ug/mL
							Butyl benzyl phthalate	120 ug/mL
							Carbazole	120 ug/mL
							Chrysene	120 ug/mL
							Di-n-butyl phthalate	120 ug/mL
							Di-n-octyl phthalate	120 ug/mL
							Dibenz(a,h)anthracene	120 ug/mL
							Dibenzofuran	120 ug/mL
							Diethyl phthalate	120 ug/mL
							Dimethyl phthalate	120 ug/mL
							Fluoranthene	120 ug/mL
							Fluorene	120 ug/mL
							Hexachlorobenzene	120 ug/mL
							Hexachlorobutadiene	120 ug/mL
							Hexachlorocyclopentadiene	120 ug/mL
							Hexachloroethane	120 ug/mL
							Indeno[1,2,3-cd]pyrene	120 ug/mL
							Isophorone	120 ug/mL
							N-Nitrosodi-n-propylamine	120 ug/mL
							N-Nitrosodimethylamine	120 ug/mL
							N-Nitrosodiphenylamine	120 ug/mL
							Naphthalene	120 ug/mL
							Nitrobenzene	120 ug/mL
							Pentachlorophenol	120 ug/mL
							Phenanthrene	120 ug/mL
							Phenol	120 ug/mL
							Pyrene	120 ug/mL
							Pyridine	120 ug/mL
							1,4-Dioxane	120 ug/mL
							Benzoic acid	120 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	120 ug/mL
							Atrazine	120 ug/mL
							Caprolactam	120 ug/mL
							Famphur	120 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL160_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	400 uL	2,4,6-Tribromophenol (Surr)	240 ug/mL
							2-Fluorobiphenyl	160 ug/mL
							2-Fluorophenol (Surr)	240 ug/mL
							Nitrobenzene-d5 (Surr)	160 ug/mL
							Phenol-d5 (Surr)	240 ug/mL
							Terphenyl-d14 (Surr)	160 ug/mL
							3,3'-Dichlorobenzidine	160 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzidine	160 ug/mL
							1,2,4-Trichlorobenzene	160 ug/mL
							1,2-Dichlorobenzene	160 ug/mL
							1,2-Diphenylhydrazine	161.756 ug/mL
							1,3-Dichlorobenzene	160 ug/mL
							1,4-Dichlorobenzene	160 ug/mL
							1-Methylnaphthalene	160 ug/mL
							2,2'-oxybis[1-chloropropane]	160 ug/mL
							2,4,5-Trichlorophenol	160 ug/mL
							2,4,6-Trichlorophenol	160 ug/mL
							2,4-Dichlorophenol	160 ug/mL
							2,4-Dimethylphenol	160 ug/mL
							2,4-Dinitrophenol	160 ug/mL
							2,4-Dinitrotoluene	160 ug/mL
							2,6-Dinitrotoluene	160 ug/mL
							2-Chloronaphthalene	160 ug/mL
							2-Chlorophenol	160 ug/mL
							2-Methylnaphthalene	160 ug/mL
							2-Methylphenol	160 ug/mL
							2-Nitroaniline	160 ug/mL
							2-Nitrophenol	160 ug/mL
							3 & 4 Methylphenol	160 ug/mL
							3-Nitroaniline	160 ug/mL
							4,6-Dinitro-2-methylphenol	160 ug/mL
							4-Bromophenyl phenyl ether	160 ug/mL
							4-Chloro-3-methylphenol	160 ug/mL
							4-Chloroaniline	160 ug/mL
							4-Chlorophenyl phenyl ether	160 ug/mL
							4-Methylphenol	160 ug/mL
							4-Nitroaniline	160 ug/mL
							4-Nitrophenol	160 ug/mL
							Acenaphthene	160 ug/mL
							Acenaphthylene	160 ug/mL
							Aniline	160 ug/mL
							Anthracene	160 ug/mL
							Benzo[a]anthracene	160 ug/mL
							Benzo[a]pyrene	160 ug/mL
							Benzo[b]fluoranthene	160 ug/mL
							Benzo[g,h,i]perylene	160 ug/mL
							Benzo[k]fluoranthene	160 ug/mL
							Benzyl alcohol	160 ug/mL
							Bis(2-chloroethoxy)methane	160 ug/mL
							Bis(2-chloroethyl)ether	160 ug/mL
							Bis(2-ethylhexyl) phthalate	160 ug/mL
							Butyl benzyl phthalate	160 ug/mL
							Carbazole	160 ug/mL
							Chrysene	160 ug/mL
							Di-n-butyl phthalate	160 ug/mL
							Di-n-octyl phthalate	160 ug/mL
							Dibenz(a,h)anthracene	160 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	160 ug/mL
							Diethyl phthalate	160 ug/mL
							Dimethyl phthalate	160 ug/mL
							Fluoranthene	160 ug/mL
							Fluorene	160 ug/mL
							Hexachlorobenzene	160 ug/mL
							Hexachlorobutadiene	160 ug/mL
							Hexachlorocyclopentadiene	160 ug/mL
							Hexachloroethane	160 ug/mL
							Indeno[1,2,3-cd]pyrene	160 ug/mL
							Isophorone	160 ug/mL
							N-Nitrosodi-n-propylamine	160 ug/mL
							N-Nitrosodimethylamine	160 ug/mL
							N-Nitrosodiphenylamine	160 ug/mL
							Naphthalene	160 ug/mL
							Nitrobenzene	160 ug/mL
							Pentachlorophenol	160 ug/mL
							Phenanthrene	160 ug/mL
							Phenol	160 ug/mL
							Pyrene	160 ug/mL
							Pyridine	160 ug/mL
							1,4-Dioxane	160 ug/mL
							Benzoic acid	160 ug/mL
							Acetophenone	160 ug/mL
							Atrazine	160 ug/mL
							Caprolactam	160 ug/mL
							Famphur	160 ug/mL
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14	Supelco, Lot LB82352			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSL200_00011	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	0.5 mL	MS-HSLCAL STK_00010	500 uL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
							3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
							1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
							1,4-Dioxane	200 ug/mL
							Benzoic acid	200 ug/mL
							Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MS-IS_00003	50 uL	1,4-Dichlorobenzene-d4	40 ug/mL
							Acenaphthene-d10	40 ug/mL
							Chrysene-d12	40 ug/mL
							Naphthalene-d8	40 ug/mL
							Perylene-d12	40 ug/mL
							Phenanthrene-d10	40 ug/mL
.MS-HSLCAL STK_00010	08/31/11	06/24/11	Methylene Chloride, Lot K01S10	10 mL	8270SurrStock_00035	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00009	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00017	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							1-Methylnaphthalene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Methylphenol	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Aniline	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
							Pyridine	200 ug/mL
					MS-31853_00010	1 mL	1,4-Dioxane	200 ug/mL
					MS-31879_00010	1 mL	Benzoic acid	200 ug/mL
					MS-563554_00007	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
							Famphur	200 ug/mL
..8270SurrStock_00035	06/17/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00009	01/31/19		Restek, Lot A078857		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00017	07/31/12		Restek, Lot A079604		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							1-Methylnaphthalene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Methylphenol	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Aniline	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
							Pyridine	1000 ug/mL
..MS-31853_00010	10/31/14		Restek, Lot A071046		(Purchased Reagent)		1,4-Dioxane	2000 ug/mL
..MS-31879_00010	11/30/14		Restek, Lot A078105		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-563554_00007	08/31/11		Restek, Lot A073157		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
							Famphur	2000 ug/mL
.MS-IS_00003	06/22/12	06/22/11	Methylene Chloride, Lot K01S10	375 mL	MS-46866-U_00007	75 mL	1,4-Dichlorobenzene-d4	400 ug/mL
							Acenaphthene-d10	400 ug/mL
							Chrysene-d12	400 ug/mL
							Naphthalene-d8	400 ug/mL
							Perylene-d12	400 ug/mL
							Phenanthrene-d10	400 ug/mL
..MS-46866-U_00007	02/28/14		Supelco, Lot LB82352		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2000 ug/mL
							Acenaphthene-d10	2000 ug/mL
							Chrysene-d12	2000 ug/mL
							Naphthalene-d8	2000 ug/mL
							Perylene-d12	2000 ug/mL
							Phenanthrene-d10	2000 ug/mL
MS-HSLCCV080_00031	06/22/12	09/13/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-HSLCAL STK_00011	200 uL	2,4,6-Tribromophenol (Surr)	120 ug/mL
							2-Fluorobiphenyl	80 ug/mL
							2-Fluorophenol (Surr)	120 ug/mL
							Nitrobenzene-d5 (Surr)	80 ug/mL
							Phenol-d5 (Surr)	120 ug/mL
							Terphenyl-d14 (Surr)	80 ug/mL
							3,3'-Dichlorobenzidine	80 ug/mL
							Benzidine	80 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.878 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3 & 4 Methylphenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Anthracene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Benzyl alcohol	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							N-Nitrosodiphenylamine	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Benzoic acid	80 ug/mL
							Acetophenone	80 ug/mL
							Atrazine	80 ug/mL
							Caprolactam	80 ug/mL
.MS-HSLCAL STK_00011	10/31/12	08/11/11	Methylene Chloride, Lot K07S03	10 mL	8270SurrStock_00037	2 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorobiphenyl	200 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-31834_00010	1 mL	3,3'-Dichlorobenzidine	200 ug/mL
							Benzidine	200 ug/mL
					MS-31850_00019	1 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
					MS-31850_00020	1 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Benzyl alcohol	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							N-Nitrosodimethylamine	200 ug/mL
							N-Nitrosodiphenylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL
					MS-31879_00011	1 mL	Benzoic acid	200 ug/mL
					MS-566397_00001	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
..8270SurrStock_00037	03/31/14		Supelco, Lot LB83718		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	1500 ug/mL
							2-Fluorobiphenyl	1000 ug/mL
							2-Fluorophenol (Surr)	1500 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Phenol-d5 (Surr)	1500 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-31834_00010	03/31/19		Restek, Lot A080168		(Purchased Reagent)		3,3'-Dichlorobenzidine	2000 ug/mL
							Benzidine	2000 ug/mL
..MS-31850_00019	10/31/12		Restek, Lot A081157		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..MS-31850_00020	12/31/12		Restek, Lot A082335		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..MS-31879_00011	02/28/15		Restek, Lot A079685		(Purchased Reagent)		Benzoic acid	2000 ug/mL
..MS-566397_00001	01/31/13		Restek, Lot A083160		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
MS-HSLSSV080_00019	02/23/12	07/22/11	Methylene Chloride, Lot K07S03	0.5 mL	MS-HSLSSV STK_00007	200 uL	Acetophenone	80 ug/mL
							Atrazine	80 ug/mL
							Caprolactam	80 ug/mL
							N-Nitrosodiphenylamine	68.3176 ug/mL
							1,2,4-Trichlorobenzene	80 ug/mL
							1,2-Dichlorobenzene	80 ug/mL
							1,2-Diphenylhydrazine	80.878 ug/mL
							1,3-Dichlorobenzene	80 ug/mL
							1,4-Dichlorobenzene	80 ug/mL
							2,2'-oxybis[1-chloropropane]	80 ug/mL
							2,4,5-Trichlorophenol	80 ug/mL
							2,4,6-Trichlorophenol	80 ug/mL
							2,4-Dichlorophenol	80 ug/mL
							2,4-Dimethylphenol	80 ug/mL
							2,4-Dinitrophenol	80 ug/mL
							2,4-Dinitrotoluene	80 ug/mL
							2,6-Dinitrotoluene	80 ug/mL
							2-Chloronaphthalene	80 ug/mL
							2-Chlorophenol	80 ug/mL
							2-Methylnaphthalene	80 ug/mL
							2-Methylphenol	80 ug/mL
							2-Nitroaniline	80 ug/mL
							2-Nitrophenol	80 ug/mL
							3-Nitroaniline	80 ug/mL
							4,6-Dinitro-2-methylphenol	80 ug/mL
							4-Bromophenyl phenyl ether	80 ug/mL
							4-Chloro-3-methylphenol	80 ug/mL
							4-Chloroaniline	80 ug/mL
							4-Chlorophenyl phenyl ether	80 ug/mL
							4-Nitroaniline	80 ug/mL
							4-Nitrophenol	80 ug/mL
							Acenaphthene	80 ug/mL
							Acenaphthylene	80 ug/mL
							Anthracene	80 ug/mL
							Benzo[a]anthracene	80 ug/mL
							Benzo[a]pyrene	80 ug/mL
							Benzo[b]fluoranthene	80 ug/mL
							Benzo[g,h,i]perylene	80 ug/mL
							Benzo[k]fluoranthene	80 ug/mL
							Bis(2-chloroethoxy)methane	80 ug/mL
							Bis(2-chloroethyl)ether	80 ug/mL
							Bis(2-ethylhexyl) phthalate	80 ug/mL
							Butyl benzyl phthalate	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbazole	80 ug/mL
							Chrysene	80 ug/mL
							Di-n-butyl phthalate	80 ug/mL
							Di-n-octyl phthalate	80 ug/mL
							Dibenz(a,h)anthracene	80 ug/mL
							Dibenzofuran	80 ug/mL
							Diethyl phthalate	80 ug/mL
							Dimethyl phthalate	80 ug/mL
							Fluoranthene	80 ug/mL
							Fluorene	80 ug/mL
							Hexachlorobenzene	80 ug/mL
							Hexachlorobutadiene	80 ug/mL
							Hexachlorocyclopentadiene	80 ug/mL
							Hexachloroethane	80 ug/mL
							Indeno[1,2,3-cd]pyrene	80 ug/mL
							Isophorone	80 ug/mL
							N-Nitrosodi-n-propylamine	80 ug/mL
							N-Nitrosodimethylamine	80 ug/mL
							Naphthalene	80 ug/mL
							Nitrobenzene	80 ug/mL
							Pentachlorophenol	80 ug/mL
							Phenanthrene	80 ug/mL
							Phenol	80 ug/mL
							Pyrene	80 ug/mL
							Benzoic acid	80 ug/mL
							Benzyl alcohol	80 ug/mL
							2-Fluorobiphenyl	80 ug/mL
							Nitrobenzene-d5 (Surr)	80 ug/mL
							Terphenyl-d14 (Surr)	80 ug/mL
							2,4,6-Tribromophenol (Surr)	120 ug/mL
							2-Fluorophenol (Surr)	120 ug/mL
							Phenol-d5 (Surr)	120 ug/mL
.MS-HSLSSV STK_00007	02/23/12	03/08/11	Methylene Chloride, Lot J41S00	10 mL	MS-21233108_00001	1 mL	Acetophenone	200 ug/mL
							Atrazine	200 ug/mL
							Caprolactam	200 ug/mL
					MS-40060_00003	0.4 mL	N-Nitrosodiphenylamine	170.794 ug/mL
					MS-506508_00006	2 mL	1,2,4-Trichlorobenzene	200 ug/mL
							1,2-Dichlorobenzene	200 ug/mL
							1,2-Diphenylhydrazine	202.195 ug/mL
							1,3-Dichlorobenzene	200 ug/mL
							1,4-Dichlorobenzene	200 ug/mL
							2,2'-oxybis[1-chloropropane]	200 ug/mL
							2,4,5-Trichlorophenol	200 ug/mL
							2,4,6-Trichlorophenol	200 ug/mL
							2,4-Dichlorophenol	200 ug/mL
							2,4-Dimethylphenol	200 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chloronaphthalene	200 ug/mL
							2-Chlorophenol	200 ug/mL
							2-Methylnaphthalene	200 ug/mL
							2-Methylphenol	200 ug/mL
							2-Nitroaniline	200 ug/mL
							2-Nitrophenol	200 ug/mL
							3-Nitroaniline	200 ug/mL
							4,6-Dinitro-2-methylphenol	200 ug/mL
							4-Bromophenyl phenyl ether	200 ug/mL
							4-Chloro-3-methylphenol	200 ug/mL
							4-Chloroaniline	200 ug/mL
							4-Chlorophenyl phenyl ether	200 ug/mL
							4-Nitroaniline	200 ug/mL
							4-Nitrophenol	200 ug/mL
							Acenaphthene	200 ug/mL
							Acenaphthylene	200 ug/mL
							Anthracene	200 ug/mL
							Benzo[a]anthracene	200 ug/mL
							Benzo[a]pyrene	200 ug/mL
							Benzo[b]fluoranthene	200 ug/mL
							Benzo[g,h,i]perylene	200 ug/mL
							Benzo[k]fluoranthene	200 ug/mL
							Bis(2-chloroethoxy)methane	200 ug/mL
							Bis(2-chloroethyl)ether	200 ug/mL
							Bis(2-ethylhexyl) phthalate	200 ug/mL
							Butyl benzyl phthalate	200 ug/mL
							Carbazole	200 ug/mL
							Chrysene	200 ug/mL
							Di-n-butyl phthalate	200 ug/mL
							Di-n-octyl phthalate	200 ug/mL
							Dibenz(a,h)anthracene	200 ug/mL
							Dibenzofuran	200 ug/mL
							Diethyl phthalate	200 ug/mL
							Dimethyl phthalate	200 ug/mL
							Fluoranthene	200 ug/mL
							Fluorene	200 ug/mL
							Hexachlorobenzene	200 ug/mL
							Hexachlorobutadiene	200 ug/mL
							Hexachlorocyclopentadiene	200 ug/mL
							Hexachloroethane	200 ug/mL
							Indeno[1,2,3-cd]pyrene	200 ug/mL
							Isophorone	200 ug/mL
							N-Nitrosodi-n-propylamine	200 ug/mL
							N-Nitrosodimethylamine	200 ug/mL
							Naphthalene	200 ug/mL
							Nitrobenzene	200 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	200 ug/mL
							Phenol	200 ug/mL
							Pyrene	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MS-861148_00003	1 mL	Benzoic acid	200 ug/mL
							Benzyl alcohol	200 ug/mL
					MS-ISM-280N_00002	2 mL	2-Fluorobiphenyl	200 ug/mL
							Nitrobenzene-d5 (Surr)	200 ug/mL
							Terphenyl-d14 (Surr)	200 ug/mL
					MS-ISM-290N_00003	1.5 mL	2,4,6-Tribromophenol (Surr)	300 ug/mL
							2-Fluorophenol (Surr)	300 ug/mL
							Phenol-d5 (Surr)	300 ug/mL
..MS-21233108_00001	02/23/12		Supelco, Lot LB73897		(Purchased Reagent)		Acetophenone	2000 ug/mL
							Atrazine	2000 ug/mL
							Caprolactam	2000 ug/mL
..MS-40060_00003	02/28/13		Supelco, Lot LB73722		(Purchased Reagent)		N-Nitrosodiphenylamine	4269.85 ug/mL
..MS-506508_00006	09/30/13		Supelco, Lot LB78428		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Diphenylhydrazine	1010.97 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2'-oxybis[1-chloropropane]	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chloroaniline	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodimethylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	1000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
..MS-861148_00003	03/31/12		Supelco, Lot LB65452		(Purchased Reagent)		Benzoic acid	2000 ug/mL
							Benzyl alcohol	2000 ug/mL
..MS-ISM-280N_00002	04/30/12		Ultra, Lot CD-0291Z		(Purchased Reagent)		2-Fluorobiphenyl	1000 ug/mL
							Nitrobenzene-d5 (Surr)	1000 ug/mL
							Terphenyl-d14 (Surr)	1000 ug/mL
..MS-ISM-290N_00003	12/31/12		Ultra, Lot CC-2529Z		(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	2000 ug/mL
							2-Fluorophenol (Surr)	2000 ug/mL
							Phenol-d5 (Surr)	2000 ug/mL

Certification Summary

Client: FPM Remediations Inc
TestAmerica Job ID: 280-20042-1
Project/Site: Griffiss AFB Three Mile Creek (SD031)

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Denver	A2LA	DoD ELAP		2907.01
TestAmerica Denver	A2LA	ISO/IEC 17025		2907.01
TestAmerica Denver	Alabama	State Program	4	40730
TestAmerica Denver	Alaska	Alaska UST	10	UST-30
TestAmerica Denver	Arizona	State Program	9	AZ0713
TestAmerica Denver	Arkansas	State Program	6	88-0687
TestAmerica Denver	California	State Program	9	2513
TestAmerica Denver	Colorado	State Program	8	N/A
TestAmerica Denver	Connecticut	State Program	1	PH-0686
TestAmerica Denver	Florida	NELAC	4	E87667
TestAmerica Denver	Georgia	State Program	4	N/A
TestAmerica Denver	Idaho	State Program	10	CO00026
TestAmerica Denver	Illinois	NELAC	5	200017
TestAmerica Denver	Iowa	State Program	7	370
TestAmerica Denver	Kansas	NELAC	7	E-10166
TestAmerica Denver	Louisiana	NELAC	6	30785
TestAmerica Denver	Maine	State Program	1	CO0002
TestAmerica Denver	Maryland	State Program	3	268
TestAmerica Denver	Minnesota	NELAC	5	8-999-405
TestAmerica Denver	Nevada	State Program	9	CO0026
TestAmerica Denver	New Hampshire	NELAC	1	205310
TestAmerica Denver	New Jersey	NELAC	2	CO004
TestAmerica Denver	New Mexico	State Program	6	N/A
TestAmerica Denver	New York	NELAC	2	11964
TestAmerica Denver	North Carolina	North Carolina DENR	4	358
TestAmerica Denver	North Dakota	State Program	8	R-034
TestAmerica Denver	Oklahoma	State Program	6	8614
TestAmerica Denver	Oregon	NELAC	10	CO200001
TestAmerica Denver	Pennsylvania	NELAC	3	68-00664
TestAmerica Denver	South Carolina	State Program	4	72002
TestAmerica Denver	Tennessee	State Program	4	TN02944
TestAmerica Denver	Texas	NELAC	6	T104704183-08-TX
TestAmerica Denver	USDA	USDA		P330-08-00036
TestAmerica Denver	Utah	NELAC	8	QUAN5
TestAmerica Denver	Washington	State Program	10	C1284
TestAmerica Denver	West Virginia	West Virginia DEP	3	354
TestAmerica Denver	Wisconsin	State Program	5	999615430

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8270C DOD

Semivolatile Compounds (GC/MS) by Method 8270/DOD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Vf-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP	#	PHL	#	NBZ	#	FBP	#	TBP	#	TPH	#
TMCSD0101FA	280-20042-1	70	D	78	D	70	D	80	D	88	D	94	D
TMCSD0201FA	280-20042-2	53		58		53		60		86		79	
TMCSD0301FA	280-20042-3	70		74		71		72		83		86	
TMCSD0401FA	280-20042-4	73		78		77		79		87		86	
TMCSD0501FA	280-20042-5	68	D	77	D	69	D	77	D	81	D	86	D
TMCSD0601FA	280-20042-6	76	D	84	D	78	D	84	D	79	D	92	D
TMCSD0701FA	280-20042-7	72		74		75		72		83		80	
	MB 280-86705/1-A	75		78		80		75		86		80	
	LCS 280-86705/2-A	74		78		78		76		90		83	
TMCSD0201FA MS	280-20042-2 MS	65		69		68		73		91		88	
TMCSD0201FA MSD	280-20042-2 MSD	65		70		67		71		95		92	

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1784.D

Lab ID: LCS 280-86705/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	2670	1850	69	45-110	
1,2-Dichlorobenzene	2670	1910	72	45-95	
1,2-Diphenylhydrazine	2700	2110	78	54-120	
1,3-Dichlorobenzene	2670	1860	70	40-100	
1,4-Dichlorobenzene	2670	1860	70	35-105	
2,2'-oxybis[1-chloropropane]	2670	2060	77	20-115	
2,4,5-Trichlorophenol	2670	2130	80	50-110	
2,4,6-Trichlorophenol	2670	2140	80	45-110	
2,4-Dichlorophenol	2670	2030	76	45-110	
2,4-Dimethylphenol	2670	1890	71	30-105	
2,4-Dinitrophenol	2670	2370	89	15-130	
2,4-Dinitrotoluene	2670	2440	92	50-115	
2,6-Dinitrotoluene	2670	2180	82	50-110	
2-Chloronaphthalene	2670	1960	74	45-105	
2-Chlorophenol	2670	2000	75	45-105	
2-Methylnaphthalene	2670	1950	73	45-105	
2-Methylphenol	2670	1950	73	40-105	
2-Nitroaniline	2670	2290	86	45-120	
2-Nitrophenol	2670	2220	83	40-110	
3 & 4 Methylphenol	5330	3680	69	40-105	
3,3'-Dichlorobenzidine	2670	1710	64	10-130	
3-Nitroaniline	2670	1860	70	25-110	
4,6-Dinitro-2-methylphenol	2670	2420	91	30-135	
4-Bromophenyl phenyl ether	2670	2130	80	45-115	
4-Chloro-3-methylphenol	2670	2100	79	45-115	
4-Chloroaniline	2670	1360	51	10-95	
4-Chlorophenyl phenyl ether	2670	2100	79	45-110	
4-Nitroaniline	2670	2240	84	35-115	
4-Nitrophenol	2670	2230	84	15-140	
Acenaphthene	2670	1980	74	45-110	
Acenaphthylene	2670	2080	78	45-105	
Anthracene	2670	2140	80	55-105	
Benzo[a]anthracene	2670	2100	79	50-110	
Benzo[a]pyrene	2670	1980	74	50-110	
Benzo[b]fluoranthene	2670	1990	75	45-115	
Benzo[g,h,i]perylene	2670	2210	83	40-125	
Benzo[k]fluoranthene	2670	2200	82	45-125	
Benzoic acid	2670	2060	77	10-110	
Benzyl alcohol	2670	2010	76	20-125	
Bis(2-chloroethoxy)methane	2670	1980	74	45-110	
Bis(2-chloroethyl)ether	2670	2130	80	40-105	
Bis(2-ethylhexyl) phthalate	2670	2270	85	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1784.D

Lab ID: LCS 280-86705/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Butyl benzyl phthalate	2670	2180	82	50-125	
Carbazole	2670	2110	79	45-115	
Chrysene	2670	2120	79	55-110	
Dibenz(a,h)anthracene	2670	2220	83	40-125	
Dibenzofuran	2670	2050	77	50-105	
Diethyl phthalate	2670	2140	80	50-115	
Dimethyl phthalate	2670	2090	78	50-110	
Di-n-butyl phthalate	2670	2220	83	55-110	
Di-n-octyl phthalate	2670	2320	87	40-130	
Fluoranthene	2670	2180	82	55-115	
Fluorene	2670	2080	78	50-110	
Hexachlorobenzene	2670	2160	81	45-120	
Hexachlorobutadiene	2670	1890	71	40-115	
Hexachlorocyclopentadiene	2670	1910	72	35-123	
Hexachloroethane	2670	1840	69	35-110	
Indeno[1,2,3-cd]pyrene	2670	2080	78	40-120	
Isophorone	2670	2000	75	45-110	
Naphthalene	2670	1970	74	40-105	
Nitrobenzene	2670	2030	76	40-115	
N-Nitrosodimethylamine	2670	1870	70	20-115	
N-Nitrosodi-n-propylamine	2670	2050	77	40-115	
N-Nitrosodiphenylamine	2280	1800	79	50-115	
Pentachlorophenol	2670	2130	80	25-120	
Phenanthrene	2670	2130	80	50-110	
Phenol	2670	2000	75	40-100	
Pyrene	2670	2130	80	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1801.D

Lab ID: 280-20042-2 MS Client ID: TMCSD0201FA MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3400	39 U	2070	61	45-110	
1,2-Dichlorobenzene	3400	39 U	2040	60	45-95	
1,2-Diphenylhydrazine	3440	39 U	2720	79	54-120	
1,3-Dichlorobenzene	3400	39 U	1930	57	40-100	
1,4-Dichlorobenzene	3400	39 U	1960	58	35-105	
2,2'-oxybis[1-chloropropane]	3400	39 U	2270	67	20-115	
2,4,5-Trichlorophenol	3400	150 U	2850	84	50-110	
2,4,6-Trichlorophenol	3400	79 U	2920	86	45-110	
2,4-Dichlorophenol	3400	79 U	2630	77	45-110	
2,4-Dimethylphenol	3400	150 U	2610	77	30-105	
2,4-Dinitrophenol	3400	800 U	1430 J	42	15-130	
2,4-Dinitrotoluene	3400	150 U	3150	93	50-115	
2,6-Dinitrotoluene	3400	79 U	2890	85	50-110	
2-Chloronaphthalene	3400	39 U	2500	74	45-105	
2-Chlorophenol	3400	39 U	2250	66	45-105	
2-Methylnaphthalene	3400	39 U	2340	69	45-105	
2-Methylphenol	3400	39 U	2320	68	40-105	
2-Nitroaniline	3400	79 U	3080	91	45-120	
2-Nitrophenol	3400	79 U	2540	75	40-110	
3 & 4 Methylphenol	6800	79 U	4480	66	40-105	
3,3'-Dichlorobenzidine	3400	390 U	1840 J	54	10-130	
3-Nitroaniline	3400	160 U	2890	85	25-110	
4,6-Dinitro-2-methylphenol	3400	790 U	1920 J	56	30-135	
4-Bromophenyl phenyl ether	3400	39 U	2870	84	45-115	
4-Chloro-3-methylphenol	3400	150 U	2790	82	45-115	
4-Chloroaniline	3400	150 U	1970	58	10-95	
4-Chlorophenyl phenyl ether	3400	79 U	2840	83	45-110	
4-Nitroaniline	3400	150 U	2980	88	35-115	
4-Nitrophenol	3400	390 U	2870	84	15-140	
Acenaphthene	3400	20 U	2630	77	45-110	
Acenaphthylene	3400	39 U	2720	80	45-105	
Anthracene	3400	39 U	2860	84	55-105	
Benzo[a]anthracene	3400	45 J	2840	82	50-110	
Benzo[a]pyrene	3400	43 J	2650	77	50-110	
Benzo[b]fluoranthene	3400	86 J	2850	81	45-115	
Benzo[g,h,i]perylene	3400	31 J	2890	84	40-125	
Benzo[k]fluoranthene	3400	79 U	2730	80	45-125	
Benzoic acid	3400	790 U	1700 J	50	10-110	
Benzyl alcohol	3400	39 U	2360	69	20-125	
Bis(2-chloroethoxy)methane	3400	79 U	2300	68	45-110	
Bis(2-chloroethyl)ether	3400	39 U	2400	71	40-105	
Bis(2-ethylhexyl) phthalate	3400	130 J	3120	88	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1801.D

Lab ID: 280-20042-2 MS Client ID: TMCSD0201FA MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Butyl benzyl phthalate	3400	79 U	2950	87	50-125	
Carbazole	3400	80 U	2800	82	45-115	
Chrysene	3400	58 J	2890	83	55-110	
Dibenz(a,h)anthracene	3400	39 U	2910	86	40-125	
Dibenzofuran	3400	39 U	2720	80	50-105	
Diethyl phthalate	3400	39 U	2810	83	50-115	
Dimethyl phthalate	3400	39 U	2730	80	50-110	
Di-n-butyl phthalate	3400	39 U	2970	87	55-110	
Di-n-octyl phthalate	3400	79 U	3100	91	40-130	
Fluoranthene	3400	91 J	2900	82	55-115	
Fluorene	3400	39 U	2730	80	50-110	
Hexachlorobenzene	3400	79 U	2880	85	45-120	
Hexachlorobutadiene	3400	79 U	2120	62	40-115	
Hexachlorocyclopentadiene	3400	79 U	84 U	0	35-123	J
Hexachloroethane	3400	39 U	1740	51	35-110	
Indeno[1,2,3-cd]pyrene	3400	28 J	2850	83	40-120	
Isophorone	3400	39 U	2280	67	45-110	
Naphthalene	3400	79 U	2280	67	40-105	
Nitrobenzene	3400	39 U	2310	68	40-115	
N-Nitrosodimethylamine	3400	79 U	2030	60	20-115	
N-Nitrosodi-n-propylamine	3400	79 U	2070	61	40-115	
N-Nitrosodiphenylamine	2900	39 U	2500	86	50-115	
Pentachlorophenol	3400	800 U	2000	59	25-120	
Phenanthrene	3400	48 J	2870	83	50-110	
Phenol	3400	23 J	2300	67	40-100	
Pyrene	3400	73 J	2970	85	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1802.D

Lab ID: 280-20042-2 MSD Client ID: TMCSD0201FA MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,2,4-Trichlorobenzene	3260	1940	59	7	30	45-110	
1,2-Dichlorobenzene	3260	1940	60	5	30	45-95	
1,2-Diphenylhydrazine	3300	2860	87	5	30	54-120	
1,3-Dichlorobenzene	3260	1810	56	6	30	40-100	
1,4-Dichlorobenzene	3260	1840	56	6	30	35-105	
2,2'-oxybis[1-chloropropane]	3260	2150	66	5	30	20-115	
2,4,5-Trichlorophenol	3260	2890	89	1	30	50-110	
2,4,6-Trichlorophenol	3260	2900	89	1	30	45-110	
2,4-Dichlorophenol	3260	2550	78	3	30	45-110	
2,4-Dimethylphenol	3260	2550	78	2	30	30-105	
2,4-Dinitrophenol	3260	1740 J	53	20	30	15-130	
2,4-Dinitrotoluene	3260	3280	101	4	30	50-115	
2,6-Dinitrotoluene	3260	2950	91	2	30	50-110	
2-Chloronaphthalene	3260	2360	72	6	30	45-105	
2-Chlorophenol	3260	2170	67	3	30	45-105	
2-Methylnaphthalene	3260	2200	68	6	30	45-105	
2-Methylphenol	3260	2280	70	2	30	40-105	
2-Nitroaniline	3260	3120	96	1	30	45-120	
2-Nitrophenol	3260	2420	74	4	30	40-110	
3 & 4 Methylphenol	6520	4390	67	2	30	40-105	
3,3'-Dichlorobenzidine	3260	1980 J	61	7	30	10-130	
3-Nitroaniline	3260	3020	93	4	30	25-110	
4,6-Dinitro-2-methylphenol	3260	2170	66	12	30	30-135	
4-Bromophenyl phenyl ether	3260	2850	87	1	30	45-115	
4-Chloro-3-methylphenol	3260	2910	89	4	30	45-115	
4-Chloroaniline	3260	1890	58	4	30	10-95	
4-Chlorophenyl phenyl ether	3260	2820	86	1	30	45-110	
4-Nitroaniline	3260	3300	101	10	30	35-115	
4-Nitrophenol	3260	3020	93	5	30	15-140	
Acenaphthene	3260	2570	79	2	30	45-110	
Acenaphthylene	3260	2660	82	2	30	45-105	
Anthracene	3260	2900	89	1	30	55-105	
Benzo[a]anthracene	3260	2900	87	2	30	50-110	
Benzo[a]pyrene	3260	2760	83	4	30	50-110	
Benzo[b]fluoranthene	3260	3130	93	9	30	45-115	
Benzo[g,h,i]perylene	3260	2960	90	2	30	40-125	
Benzo[k]fluoranthene	3260	2670	82	2	30	45-125	
Benzoic acid	3260	1650 J	50	3	30	10-110	
Benzyl alcohol	3260	2220	68	6	30	20-125	
Bis(2-chloroethoxy)methane	3260	2180	67	5	30	45-110	
Bis(2-chloroethyl)ether	3260	2180	67	10	30	40-105	
Bis(2-ethylhexyl) phthalate	3260	3240	96	4	30	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: K1802.D

Lab ID: 280-20042-2 MSD Client ID: TMCSD0201FA MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Butyl benzyl phthalate	3260	3030	93	3	30	50-125	
Carbazole	3260	2900	89	3	30	45-115	
Chrysene	3260	2900	87	0	30	55-110	
Dibenz(a,h)anthracene	3260	2990	92	3	30	40-125	
Dibenzofuran	3260	2670	82	2	30	50-105	
Diethyl phthalate	3260	2910	89	4	30	50-115	
Dimethyl phthalate	3260	2760	85	1	30	50-110	
Di-n-butyl phthalate	3260	3040	93	2	30	55-110	
Di-n-octyl phthalate	3260	3210	99	3	30	40-130	
Fluoranthene	3260	2990	89	3	30	55-115	
Fluorene	3260	2790	85	2	30	50-110	
Hexachlorobenzene	3260	2860	88	1	30	45-120	
Hexachlorobutadiene	3260	1960	60	8	30	40-115	
Hexachlorocyclopentadiene	3260	81 U	0	NC	30	35-123	J
Hexachloroethane	3260	1260	39	32	30	35-110	J
Indeno[1,2,3-cd]pyrene	3260	2830	86	1	30	40-120	
Isophorone	3260	2180	67	4	30	45-110	
Naphthalene	3260	2110	65	7	30	40-105	
Nitrobenzene	3260	2180	67	6	30	40-115	
N-Nitrosodimethylamine	3260	1890	58	7	30	20-115	
N-Nitrosodi-n-propylamine	3260	2100	64	2	30	40-115	
N-Nitrosodiphenylamine	2780	2480	89	1	30	50-115	
Pentachlorophenol	3260	2150	66	7	30	25-120	
Phenanthrene	3260	2880	87	0	30	50-110	
Phenol	3260	2280	69	1	30	40-100	
Pyrene	3260	3020	90	2	30	45-125	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1783.D Lab Sample ID: MB 280-86705/1-A

Matrix: Solid Date Extracted: 09/19/2011 11:18

Instrument ID: MSS_K Date Analyzed: 09/21/2011 17:07

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 280-86705/2-A	K1784.D	09/21/2011 17:27
TMCSD0101FA	280-20042-1	K1799.D	09/21/2011 22:26
TMCSD0201FA MS	280-20042-2 MS	K1801.D	09/21/2011 23:06
TMCSD0201FA MSD	280-20042-2 MSD	K1802.D	09/21/2011 23:26
TMCSD0301FA	280-20042-3	K1803.D	09/21/2011 23:46
TMCSD0401FA	280-20042-4	K1804.D	09/22/2011 00:06
TMCSD0501FA	280-20042-5	K1805.D	09/22/2011 00:26
TMCSD0601FA	280-20042-6	K1806.D	09/22/2011 00:46
TMCSD0701FA	280-20042-7	K1807.D	09/22/2011 01:06
TMCSD0201FA	280-20042-2	K1847.D	09/22/2011 20:30

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1506.D DFTPP Injection Date: 08/04/2011

Instrument ID: MSS_K DFTPP Injection Time: 10:47

Analysis Batch No.: 79860

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.8	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	39.8	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	45.5	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	25.8	
365	Greater than 1.0 % of mass 198	2.7	
441	Present but less than mass 443	11.5	
442	Greater than 40.0 % of mass 198	76.9	
443	17.0 - 23.0 % of mass 442	15.0	(19.5)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 280-79860/2	K1507.D	08/04/2011	11:05
	STD010 280-79860/3	K1508.D	08/04/2011	11:26
	STD020 280-79860/4	K1509.D	08/04/2011	11:48
	STD050 280-79860/5	K1510.D	08/04/2011	12:09
	STD120 280-79860/6	K1511.D	08/04/2011	12:30
	STD160 280-79860/7	K1512.D	08/04/2011	12:52
	STD200 280-79860/8	K1513.D	08/04/2011	13:13
	ICV 280-79860/9	K1514.D	08/04/2011	13:35

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1536.D DFTPP Injection Date: 08/05/2011

Instrument ID: MSS_K DFTPP Injection Time: 08:12

Analysis Batch No.: 80421

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	40.3	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	46.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	25.9	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	11.8	
442	Greater than 40.0 % of mass 198	75.1	
443	17.0 - 23.0 % of mass 442	15.5	(20.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 280-80421/2	K1545.D	08/05/2011	11:15
	STD004 280-80421/3	K1546.D	08/05/2011	11:37
	STD010 280-80421/4	K1547.D	08/05/2011	11:58
	STD020 280-80421/5	K1548.D	08/05/2011	12:19
	STD050 280-80421/6	K1549.D	08/05/2011	12:41
	STD120 280-80421/7	K1550.D	08/05/2011	13:02
	STD160 280-80421/8	K1551.D	08/05/2011	13:24
	STD200 280-80421/9	K1552.D	08/05/2011	13:45
	ICV 280-80421/10	K1553.D	08/05/2011	14:07
	ICV 280-80421/11	K1554.D	08/05/2011	14:28
	ICV 280-80421/12	K1555.D	08/05/2011	14:50

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1536.D DFTPP Injection Date: 08/05/2011

Instrument ID: MSS_K DFTPP Injection Time: 08:12

Analysis Batch No.: 80428

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	45.4	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	40.3	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	46.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	25.9	
365	Greater than 1.0 % of mass 198	2.9	
441	Present but less than mass 443	11.8	
442	Greater than 40.0 % of mass 198	75.1	
443	17.0 - 23.0 % of mass 442	15.5	(20.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 280-80428/2	K1556.D	08/05/2011	15:11
	STD010 280-80428/3	K1557.D	08/05/2011	15:33
	STD020 280-80428/4	K1558.D	08/05/2011	15:54
	STD050 280-80428/5	K1559.D	08/05/2011	16:16
	STD120 280-80428/6	K1560.D	08/05/2011	16:37
	STD160 280-80428/7	K1561.D	08/05/2011	16:59
	STD200 280-80428/8	K1562.D	08/05/2011	17:20
	ICV 280-80428/9	K1563.D	08/05/2011	17:42
	ICV 280-80428/10	K1564.D	08/05/2011	18:03

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1775.D DFTPP Injection Date: 09/21/2011

Instrument ID: MSS_K DFTPP Injection Time: 14:37

Analysis Batch No.: 87309

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	40.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	35.6	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	42.9	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	27.2	
365	Greater than 1.0 % of mass 198	3.1	
441	Present but less than mass 443	13.1	
442	Greater than 40.0 % of mass 198	87.9	
443	17.0 - 23.0 % of mass 442	17.8	(20.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-87309/2	K1776.D	09/21/2011	14:48
	CCV 280-87309/3	K1777.D	09/21/2011	15:08
	CCV 280-87309/4	K1778.D	09/21/2011	15:28
	MB 280-86705/1-A	K1783.D	09/21/2011	17:07
	LCS 280-86705/2-A	K1784.D	09/21/2011	17:27
TMCSD0101FA	280-20042-1	K1799.D	09/21/2011	22:26
TMCSD0201FA MS	280-20042-2 MS	K1801.D	09/21/2011	23:06
TMCSD0201FA MSD	280-20042-2 MSD	K1802.D	09/21/2011	23:26
TMCSD0301FA	280-20042-3	K1803.D	09/21/2011	23:46
TMCSD0401FA	280-20042-4	K1804.D	09/22/2011	00:06
TMCSD0501FA	280-20042-5	K1805.D	09/22/2011	00:26
TMCSD0601FA	280-20042-6	K1806.D	09/22/2011	00:46
TMCSD0701FA	280-20042-7	K1807.D	09/22/2011	01:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab File ID: K1832.D DFTPP Injection Date: 09/22/2011

Instrument ID: MSS_K DFTPP Injection Time: 15:39

Analysis Batch No.: 87836

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	37.8	
70	Less than 2.0 % of mass 69	0.3	(0.7)1
127	40.0 - 60.0 % of mass 198	46.3	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	25.9	
365	Greater than 1.0 % of mass 198	2.5	
441	Present but less than mass 443	11.0	
442	Greater than 40.0 % of mass 198	76.2	
443	17.0 - 23.0 % of mass 442	15.7	(20.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 280-87836/2	K1833.D	09/22/2011	15:50
	CCV 280-87836/3	K1834.D	09/22/2011	16:10
	CCV 280-87836/4	K1835.D	09/22/2011	16:30
TMCSD0201FA	280-20042-2	K1847.D	09/22/2011	20:30

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-79860/2 Date Analyzed: 08/04/2011 11:05

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1507.D Heated Purge: (Y/N) N

Calibration ID: 6702

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		205423	4.55	784220	5.77	465385	7.50
UPPER LIMIT		410846	5.05	1568440	6.27	930770	8.00
LOWER LIMIT		102712	4.05	392110	5.27	232693	7.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-79860/9		197874	4.55	747509	5.76	453185	7.50
CCV 280-87309/4		212531	4.53	796314	5.75	471631	7.49
CCV 280-87836/4		170553	4.53	642339	5.75	381974	7.48

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-79860/2 Date Analyzed: 08/04/2011 11:05

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1507.D Heated Purge: (Y/N) N

Calibration ID: 6702

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		795102	8.88	893402	11.19	896312	12.49
UPPER LIMIT		1590204	9.38	1786804	11.69	1792624	12.99
LOWER LIMIT		397551	8.38	446701	10.69	448156	11.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-79860/9		766092	8.88	844958	11.17	837136	12.46
CCV 280-87309/4		797045	8.86	921704	11.16	920174	12.44
CCV 280-87836/4		641170	8.86	727401	11.16	711950	12.43

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-80421/2 Date Analyzed: 08/05/2011 11:15

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1545.D Heated Purge: (Y/N) N

Calibration ID: 6744

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		183115	4.55	696768	5.77	398805	7.50
UPPER LIMIT		366230	5.05	1393536	6.27	797610	8.00
LOWER LIMIT		91558	4.05	348384	5.27	199403	7.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-80421/10		185945	4.55	709963	5.77	400576	7.50
ICV 280-80421/11		189092	4.55	726116	5.76	425391	7.50
ICV 280-80421/12		172080	4.55	654564	5.76	382646	7.50
CCV 280-87309/3		197806	4.53	763351	5.76	451320	7.50
MB 280-86705/1-A		215573	4.53	831509	5.75	503376	7.49
LCS 280-86705/2-A		211275	4.53	823215	5.76	491221	7.49
280-20042-1	TMCSD0101FA	119501	4.53	455292	5.75	273577	7.49
280-20042-2 MS	TMCSD0201FA MS	231007	4.53	881276	5.76	514822	7.49
280-20042-2 MSD	TMCSD0201FA MSD	176333	4.53	682724	5.76	409318	7.49
280-20042-3	TMCSD0301FA	117970	4.53	457634	5.75	272912	7.49
280-20042-4	TMCSD0401FA	229143	4.53	882153	5.76	519255	7.49
280-20042-5	TMCSD0501FA	208966	4.53	806491	5.75	473151	7.49
280-20042-6	TMCSD0601FA	212043	4.53	790887	5.76	478630	7.49
280-20042-7	TMCSD0701FA	222781	4.53	861077	5.76	510016	7.49
CCV 280-87836/3		182070	4.53	699548	5.75	401497	7.49
280-20042-2	TMCSD0201FA	195381	4.52	739056	5.75	438418	7.48

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-80421/2 Date Analyzed: 08/05/2011 11:15

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1545.D Heated Purge: (Y/N) N

Calibration ID: 6744

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		680450	8.88	776627	11.18	782272	12.47
UPPER LIMIT		1360900	9.38	1553254	11.68	1564544	12.97
LOWER LIMIT		340225	8.38	388314	10.68	391136	11.97
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-80421/10		685202	8.88	765998	11.18	778701	12.47
ICV 280-80421/11		724319	8.88	831281	11.17	799425	12.47
ICV 280-80421/12		646172	8.88	735002	11.18	695533	12.48
CCV 280-87309/3		788941	8.87	930580	11.17	973071	12.44
MB 280-86705/1-A		897849	8.86	1051758	11.16	1025436	12.44
LCS 280-86705/2-A		851906	8.86	988299	11.16	983499	12.44
280-20042-1	TMCSD0101FA	477352	8.86	559135	11.16	538637	12.43
280-20042-2 MS	TMCSD0201FA MS	861539	8.86	954145	11.16	983981	12.43
280-20042-2 MSD	TMCSD0201FA MSD	716096	8.87	801794	11.16	797112	12.43
280-20042-3	TMCSD0301FA	470482	8.87	549210	11.16	527261	12.43
280-20042-4	TMCSD0401FA	871946	8.86	995093	11.16	1000252	12.43
280-20042-5	TMCSD0501FA	826755	8.86	958406	11.16	947400	12.43
280-20042-6	TMCSD0601FA	832473	8.86	978387	11.16	964470	12.43
280-20042-7	TMCSD0701FA	880516	8.86	1007762	11.16	990457	12.43
CCV 280-87836/3		692447	8.86	812858	11.16	838198	12.44
280-20042-2	TMCSD0201FA	767743	8.86	934240	11.16	920950	12.43

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-80428/2 Date Analyzed: 08/05/2011 15:11

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1556.D Heated Purge: (Y/N) N

Calibration ID: 6745

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		161808	4.55	614358	5.76	353607	7.50
UPPER LIMIT		323616	5.05	1228716	6.26	707214	8.00
LOWER LIMIT		80904	4.05	307179	5.26	176804	7.00
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-80428/9		153615	4.55	596516	5.77	340379	7.50
ICV 280-80428/10		169227	4.55	623713	5.76	355402	7.50
CCV 280-87309/2		214449	4.53	799688	5.75	458634	7.49
CCV 280-87836/2		184697	4.53	704462	5.75	410699	7.49

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: ICIS 280-80428/2 Date Analyzed: 08/05/2011 15:11

Instrument ID: MSS_K GC Column: Vf-5MS (30.25) ID: 0.25(mm)

Lab File ID (Standard): K1556.D Heated Purge: (Y/N) N

Calibration ID: 6745

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		612146	8.88	715421	11.18	687315	12.48
UPPER LIMIT		1224292	9.38	1430842	11.68	1374630	12.98
LOWER LIMIT		306073	8.38	357711	10.68	343658	11.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 280-80428/9		589323	8.88	673233	11.17	682152	12.46
ICV 280-80428/10		610250	8.88	698973	11.17	677879	12.46
CCV 280-87309/2		775708	8.86	913325	11.16	901199	12.44
CCV 280-87836/2		700252	8.86	817831	11.16	826835	12.44

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA | Lab Sample ID: 280-20042-1

Matrix: Solid | Lab File ID: K1799.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.8(g) | Date Analyzed: 09/21/2011 22:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	160	U D	1600	160	240
95-94-3	1,2,4,5-Tetrachlorobenzene	160	U D	1600	160	230
120-82-1	1,2,4-Trichlorobenzene	160	U D	1600	160	130
95-50-1	1,2-Dichlorobenzene	160	U D	1600	160	100
122-66-7	1,2-Diphenylhydrazine	160	U D	1600	160	100
541-73-1	1,3-Dichlorobenzene	160	U D	1600	160	57
106-46-7	1,4-Dichlorobenzene	160	U D	1600	160	65
108-60-1	2,2'-oxybis[1-chloropropane]	160	U D	1600	160	110
58-90-2	2,3,4,6-Tetrachlorophenol	160	U D	7600	160	650
95-95-4	2,4,5-Trichlorophenol	620	U D	1600	620	48
88-06-2	2,4,6-Trichlorophenol	310	U D	1600	310	48
120-83-2	2,4-Dichlorophenol	310	U D	1600	310	48
105-67-9	2,4-Dimethylphenol	620	U D	1600	620	310
51-28-5	2,4-Dinitrophenol	3200	U D	7600	3200	1600
121-14-2	2,4-Dinitrotoluene	620	U D	1600	620	310
87-65-0	2,6-Dichlorophenol	620	U D	1600	620	330
606-20-2	2,6-Dinitrotoluene	310	U D	1600	310	130
91-58-7	2-Chloronaphthalene	160	U D	1600	160	48
95-57-8	2-Chlorophenol	160	U D	1600	160	100
91-57-6	2-Methylnaphthalene	160	U D	1600	160	91
95-48-7	2-Methylphenol	160	U D	1600	160	62
88-74-4	2-Nitroaniline	310	U D	7600	310	240
88-75-5	2-Nitrophenol	310	U D	1600	310	48
15831-10-4	3 & 4 Methylphenol	310	U D	1600	310	160
91-94-1	3,3'-Dichlorobenzidine	1600	U D	7600	1600	430
99-09-2	3-Nitroaniline	630	U D	7600	630	350
534-52-1	4,6-Dinitro-2-methylphenol	3100	U D	7600	3100	1600
101-55-3	4-Bromophenyl phenyl ether	160	U D	1600	160	91
59-50-7	4-Chloro-3-methylphenol	620	U D	1600	620	310
106-47-8	4-Chloroaniline	620	U D	1600	620	390
7005-72-3	4-Chlorophenyl phenyl ether	310	U D	1600	310	100
100-01-6	4-Nitroaniline	620	U D	7600	620	350
100-02-7	4-Nitrophenol	1600	U D	7600	1600	460
83-32-9	Acenaphthene	62	J D	1600	81	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA | Lab Sample ID: 280-20042-1

Matrix: Solid | Lab File ID: K1799.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.8(g) | Date Analyzed: 09/21/2011 22:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	160	U D	1600	160	81
98-86-2	Acetophenone	160	U D	1600	160	95
120-12-7	Anthracene	170	J D	1600	160	81
1912-24-9	Atrazine	620	U D	1600	620	180
100-52-7	Benzaldehyde	320	U M D	1600	320	190
92-87-5	Benzidine	19000	U D	19000	19000	4700
56-55-3	Benzo[a]anthracene	460	J D	1600	160	95
50-32-8	Benzo[a]pyrene	370	J D	1600	160	95
205-99-2	Benzo[b]fluoranthene	670	J K D	1600	160	120
191-24-2	Benzo[g,h,i]perylene	210	J D	1600	160	76
207-08-9	Benzo[k]fluoranthene	310	U K D	1600	310	190
65-85-0	Benzoic acid	3100	U D	7600	3100	1600
100-51-6	Benzyl alcohol	160	U D	1600	160	48
111-91-1	Bis(2-chloroethoxy)methane	310	U D	1600	310	110
111-44-4	Bis(2-chloroethyl)ether	160	U D	1600	160	79
117-81-7	Bis(2-ethylhexyl) phthalate	310	U D	1600	310	220
85-68-7	Butyl benzyl phthalate	310	U D	1600	310	210
105-60-2	Caprolactam	1600	U D	7600	1600	510
86-74-8	Carbazole	320	U D	1600	320	170
218-01-9	Chrysene	410	J D	1600	160	130
53-70-3	Dibenz(a,h)anthracene	160	U D	1600	160	91
132-64-9	Dibenzofuran	160	U D	1600	160	95
84-66-2	Diethyl phthalate	160	U D	3100	160	120
131-11-3	Dimethyl phthalate	160	U D	1600	160	110
84-74-2	Di-n-butyl phthalate	160	U D	1600	160	140
117-84-0	Di-n-octyl phthalate	310	U D	1600	310	69
206-44-0	Fluoranthene	930	J D	1600	310	170
86-73-7	Fluorene	160	U D	1600	160	86
118-74-1	Hexachlorobenzene	310	U D	1600	310	140
87-68-3	Hexachlorobutadiene	310	U D	1600	310	48
77-47-4	Hexachlorocyclopentadiene	310	U D	8100	310	240
67-72-1	Hexachloroethane	160	U D	1600	160	100
193-39-5	Indeno[1,2,3-cd]pyrene	190	J D	1600	160	100
78-59-1	Isophorone	160	U D	1600	160	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA | Lab Sample ID: 280-20042-1

Matrix: Solid | Lab File ID: K1799.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.8(g) | Date Analyzed: 09/21/2011 22:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	310	U D	1600	310	150
98-95-3	Nitrobenzene	160	U D	1600	160	100
62-75-9	N-Nitrosodimethylamine	310	U D	2500	310	180
621-64-7	N-Nitrosodi-n-propylamine	310	U D	1600	310	150
86-30-6	N-Nitrosodiphenylamine	160	U D	1600	160	100
930-55-2	N-Nitrosopyrrolidine	620	U D	1600	620	310
87-86-5	Pentachlorophenol	3200	U D	7600	3200	1600
85-01-8	Phenanthrene	700	J D	1600	160	81
108-95-2	Phenol	160	U D	1600	160	86
129-00-0	Pyrene	740	J D	1900	160	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	88	D	35-125
321-60-8	2-Fluorobiphenyl	80	D	45-105
367-12-4	2-Fluorophenol (Surr)	70	D	35-105
4165-60-0	Nitrobenzene-d5 (Surr)	70	D	35-100
4165-62-2	Phenol-d5 (Surr)	78	D	40-100
1718-51-0	Terphenyl-d14 (Surr)	94	D	30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1799.D
Lab Smp Id: 280-20042-A-1-F Client Smp ID: TMCSD0101FA
Inj Date : 21-SEP-2011 22:26
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-1-F,4,
Misc Info : 280-20042-A-1-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 25
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	4.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	32.800	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	119501	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	455292	40.0000	
* 96 Acenaphthene-d10	164	7.490	7.489	(1.000)	273577	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	477352	40.0000	
* 166 Chrysene-d12	240	11.156	11.162	(1.000)	559135	40.0000	
* 179 Perylene-d12	264	12.425	12.437	(1.000)	538637	40.0000	
$ 8 2-Fluorophenol	112	3.359	3.353	(0.742)	106895	26.3406	3212.26
$ 15 Phenol-d5	99	4.158	4.164	(0.918)	142977	29.2931	3572.33
$ 43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	73594	17.5915	2145.30
$ 81 2-Fluorobiphenyl	172	6.802	6.808	(0.908)	178140	20.0092	2440.15
$ 118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	51193	32.8659	4008.04
$ 154 Terphenyl-d14	244	10.228	10.227	(0.917)	251206	23.4144	2855.41
$ 29 1,2-Dichlorobenzene-d4	152	4.675	4.681	(1.032)	46649	16.0055	1951.89
$ 22 2-Chlorophenol-d4	132	4.323	4.328	(0.955)	117688	30.0360	3662.92
4 1,4-Dioxane	88	Compound Not Detected.					
5 N-Nitrosodimethylamine	74	Compound Not Detected.					
6 Pyridine	79	Compound Not Detected.					
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					
16 Phenol	94	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
18	Aniline	93	Compound Not Detected.					
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
89 1,4-Naphthoquinone	158	Compound Not Detected.					
90 1,4-Dinitrobenzene	168	Compound Not Detected.					
91 Dimethyl phthalate	163	Compound Not Detected.					
92 1,3-Dinitrobenzene	168	Compound Not Detected.					
93 2,6-Dinitrotoluene	165	Compound Not Detected.					
94 Acenaphthylene	152	Compound Not Detected.					
95 3-Nitroaniline	138	Compound Not Detected.					
97 Acenaphthene	153	7.519	7.525	(1.004)	2960	0.39273	47.8941(a)
98 2,4-Dinitrophenol	184	Compound Not Detected.					
99 4-Nitrophenol	109	Compound Not Detected.					
100 Pentachlorobenzene	250	Compound Not Detected.					
101 2,4-Dinitrotoluene	165	Compound Not Detected.					
102 Dibenzofuran	168	Compound Not Detected.					
103 1-Naphthylamine	143	Compound Not Detected.					
104 2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106 2-Naphthylamine	143	Compound Not Detected.					
107 Diethyl phthalate	149	Compound Not Detected.					
108 Thionazin	97	Compound Not Detected.					
109 4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110 Fluorene	166	Compound Not Detected.					
111 5-Nitro-o-toluidine	152	Compound Not Detected.					
112 4-Nitroaniline	138	Compound Not Detected.					
113 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115 N-nitrosodiphenylamine	169	Compound Not Detected.					
114 Diphenylamine	169	Compound Not Detected.					
116 Azobenzene	77	Compound Not Detected.					
234 1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117 Sulfotepp	97	Compound Not Detected.					
119 Diallate (#1)	86	Compound Not Detected.					
120 1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121 Phorate	121	Compound Not Detected.					
122 Phenacetin	108	Compound Not Detected.					
123 Diallate (#2)	86	Compound Not Detected.					
124 4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125 Hexachlorobenzene	284	Compound Not Detected.					
126 Dimethoate	87	Compound Not Detected.					
127 Atrazine	200	Compound Not Detected.					
129 Pentachlorophenol	266	Compound Not Detected.					
130 4-Aminobiphenyl	169	Compound Not Detected.					
131 Pentachloronitrobenzene	237	Compound Not Detected.					
132 Pronamide	173	Compound Not Detected.					
133 Disulfoton	88	Compound Not Detected.					
134 2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136 Phenanthrene	178	8.882	8.888	(1.002)	56402	4.41290	538.158(a)
137 Anthracene	178	8.929	8.935	(1.007)	14219	1.09244	133.224(a)
140 Carbazole	167	Compound Not Detected.					
141 Alachlor	188	Compound Not Detected.					
142 Methyl parathion	109	Compound Not Detected.					
143 Di-n-butyl phthalate	149	Compound Not Detected.					
145 Parathion	109	Compound Not Detected.					
146 4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147 Methapyrilene	97	Compound Not Detected.					
148 Isodrin	193	Compound Not Detected.					
149 Fluoranthene	202	9.928	9.934	(1.120)	86058	5.81871	709.599(a)
151 Benzidine	184	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
152	Pyrene	202	10.134	10.139	(0.908)	72825	4.66108	568.425(a)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	11.144	11.156	(0.999)	44818	2.90397	354.142(a)
167	Chrysene	228	11.179	11.191	(1.002)	38292	2.56179	312.413(a)
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.049	12.066	(0.970)	65280	4.22540	515.293(a)
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.366	12.390	(0.995)	33712	2.33377	284.606(a)
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	13.659	13.694	(1.224)	20801	1.20441	146.879(a)
188	Benzo(g,h,i)perylene	276	14.041	14.082	(1.130)	18554	1.30046	158.592(a)
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

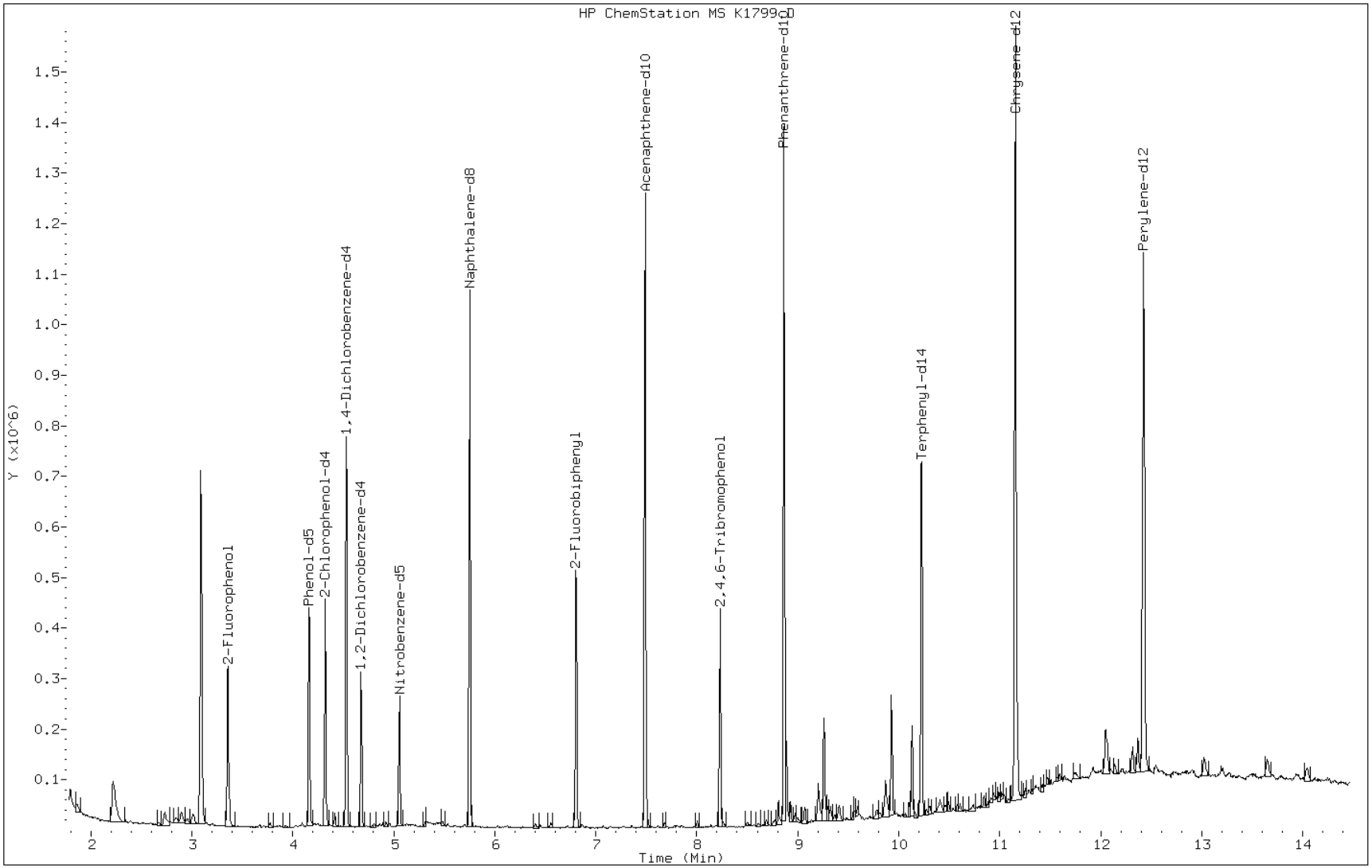
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD



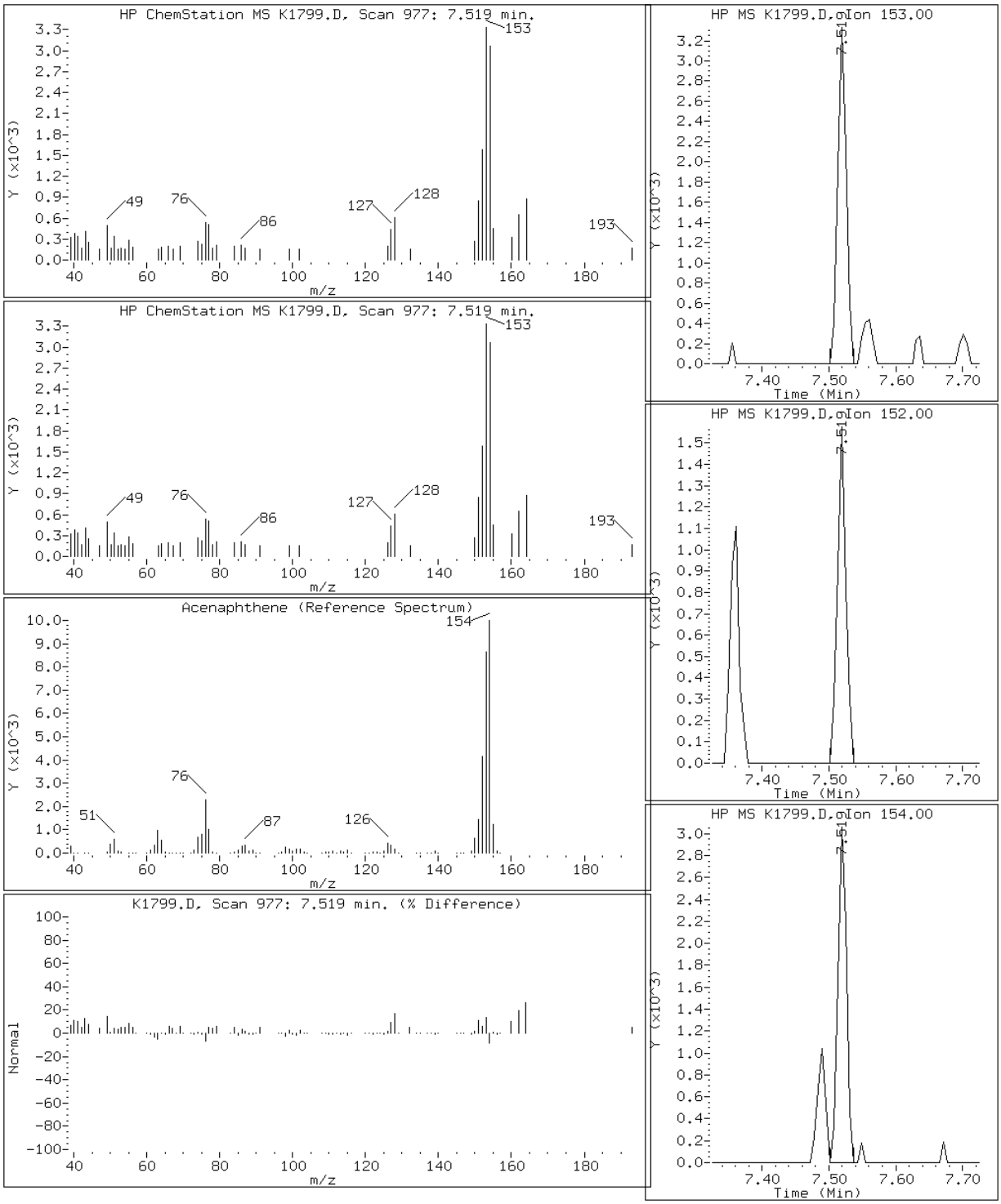
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

97 Acenaphthene



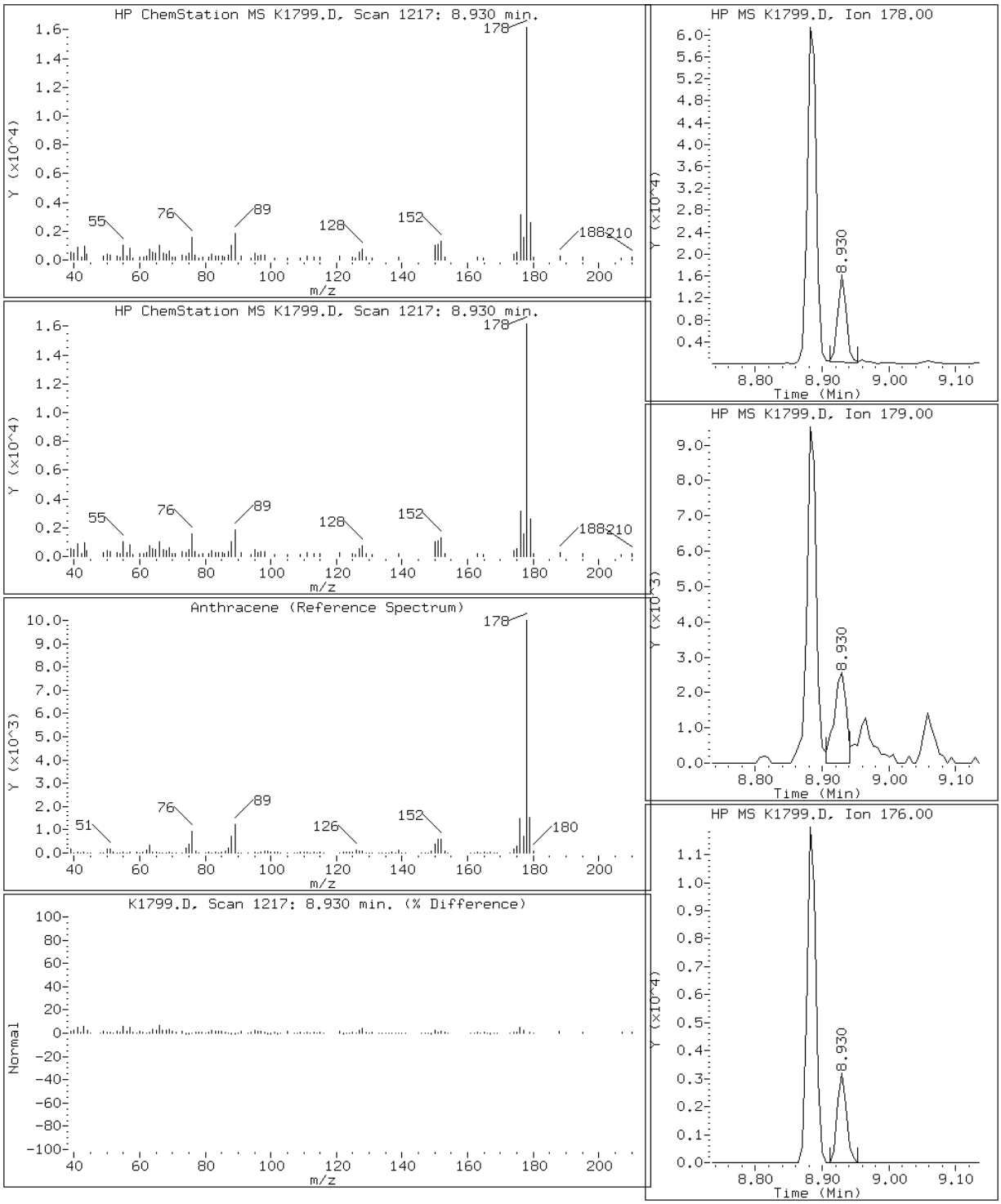
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

137 Anthracene



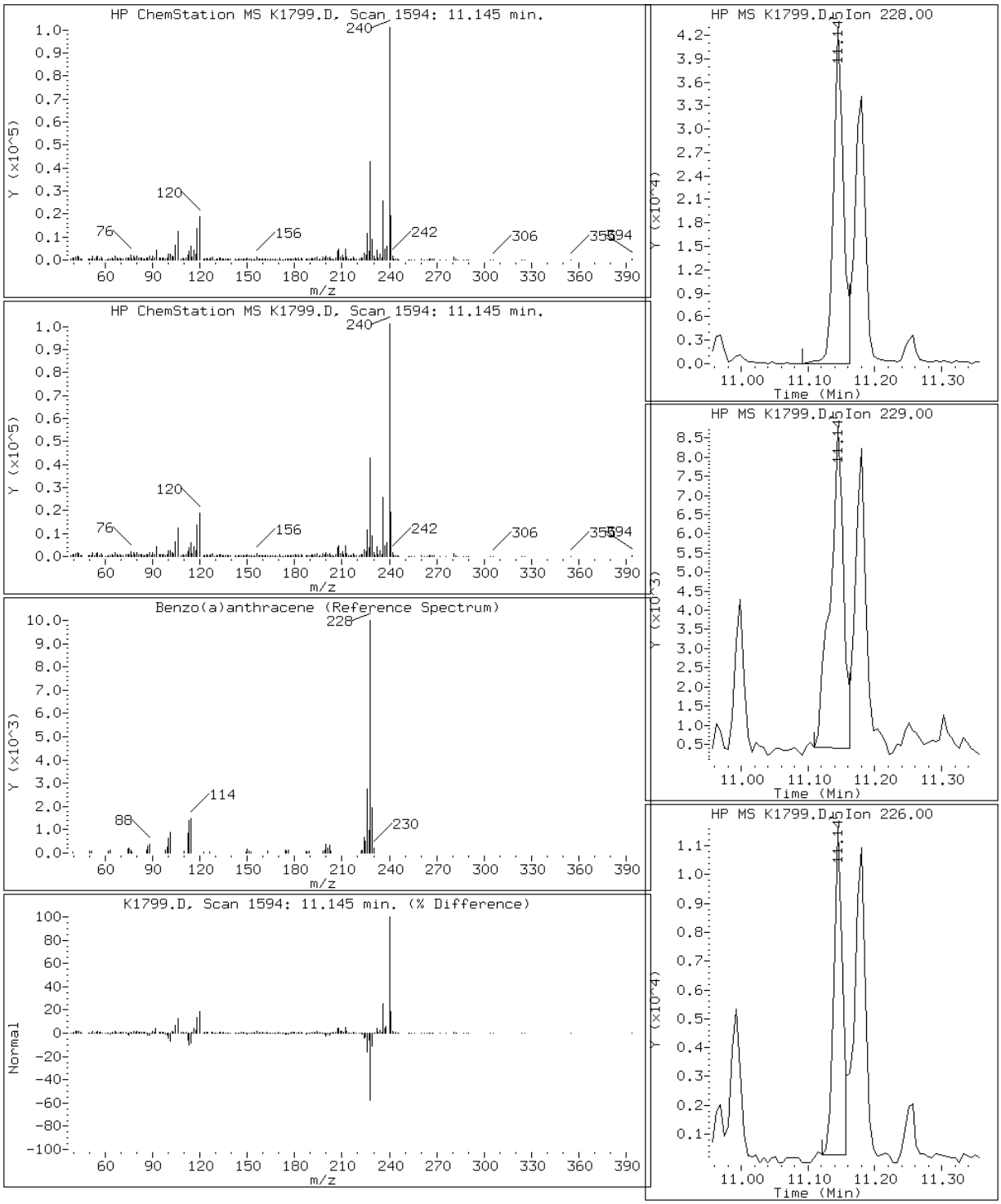
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

165 Benzo(a)anthracene



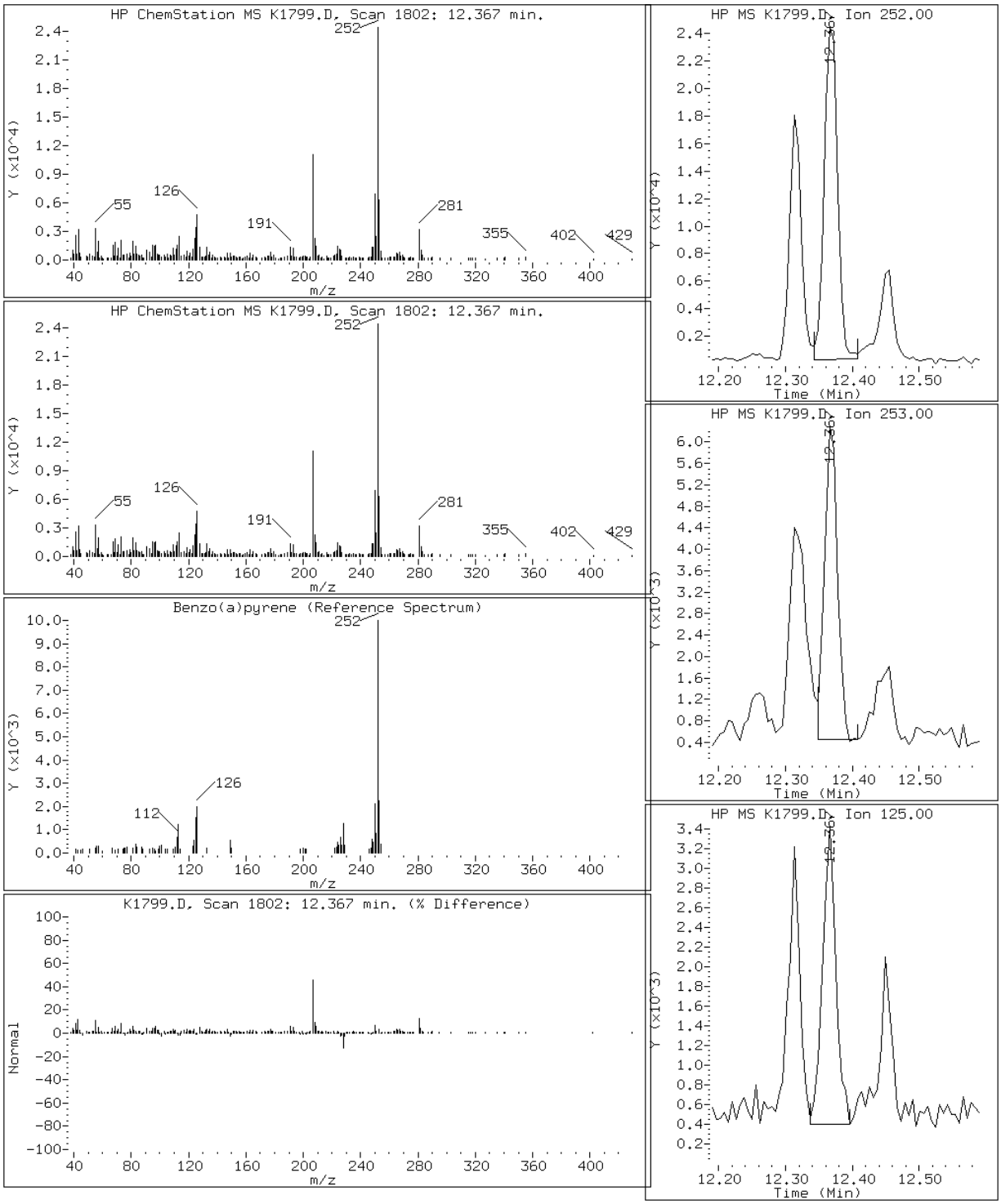
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

178 Benzo(a)pyrene



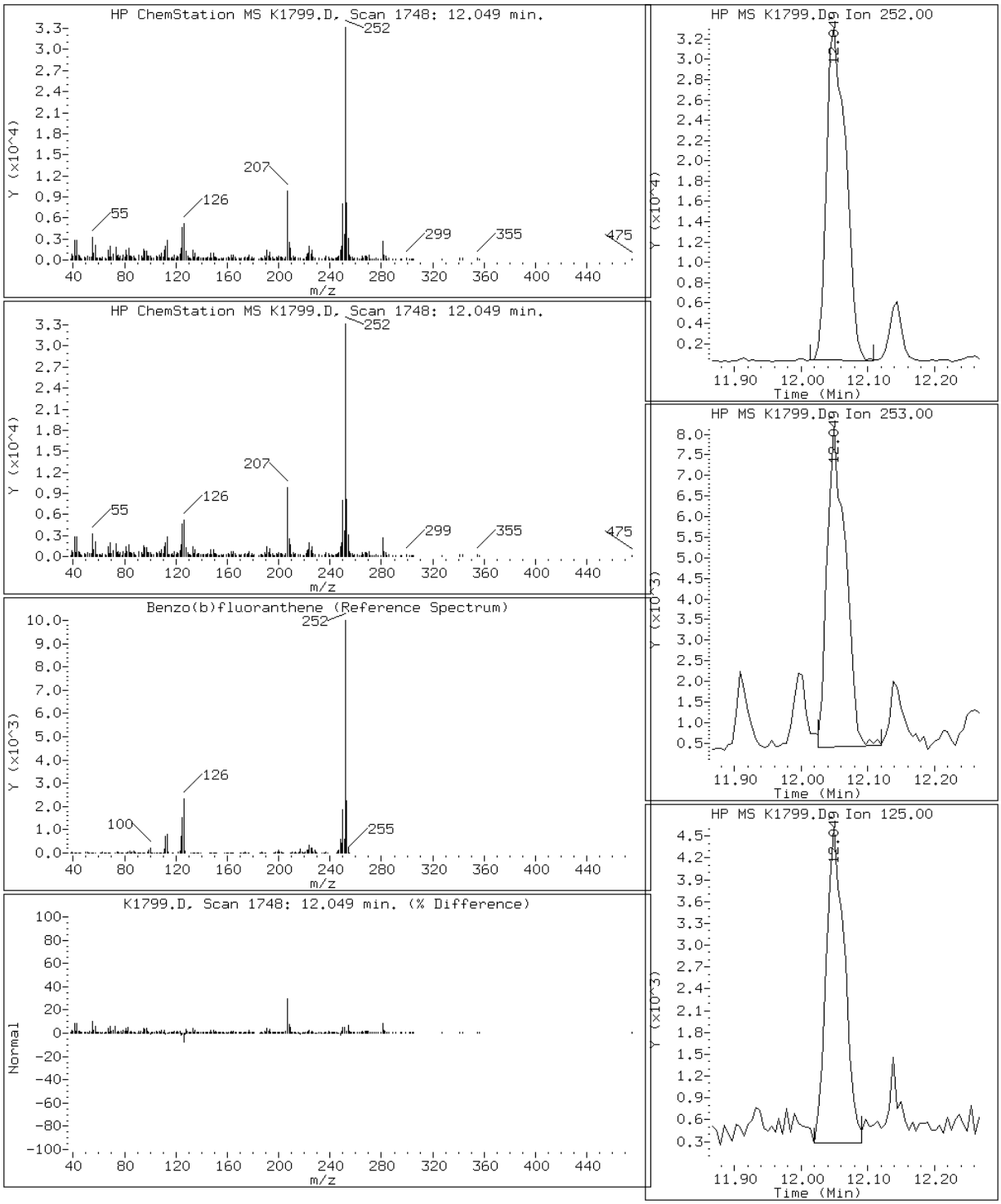
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

171 Benzo(b)fluoranthene



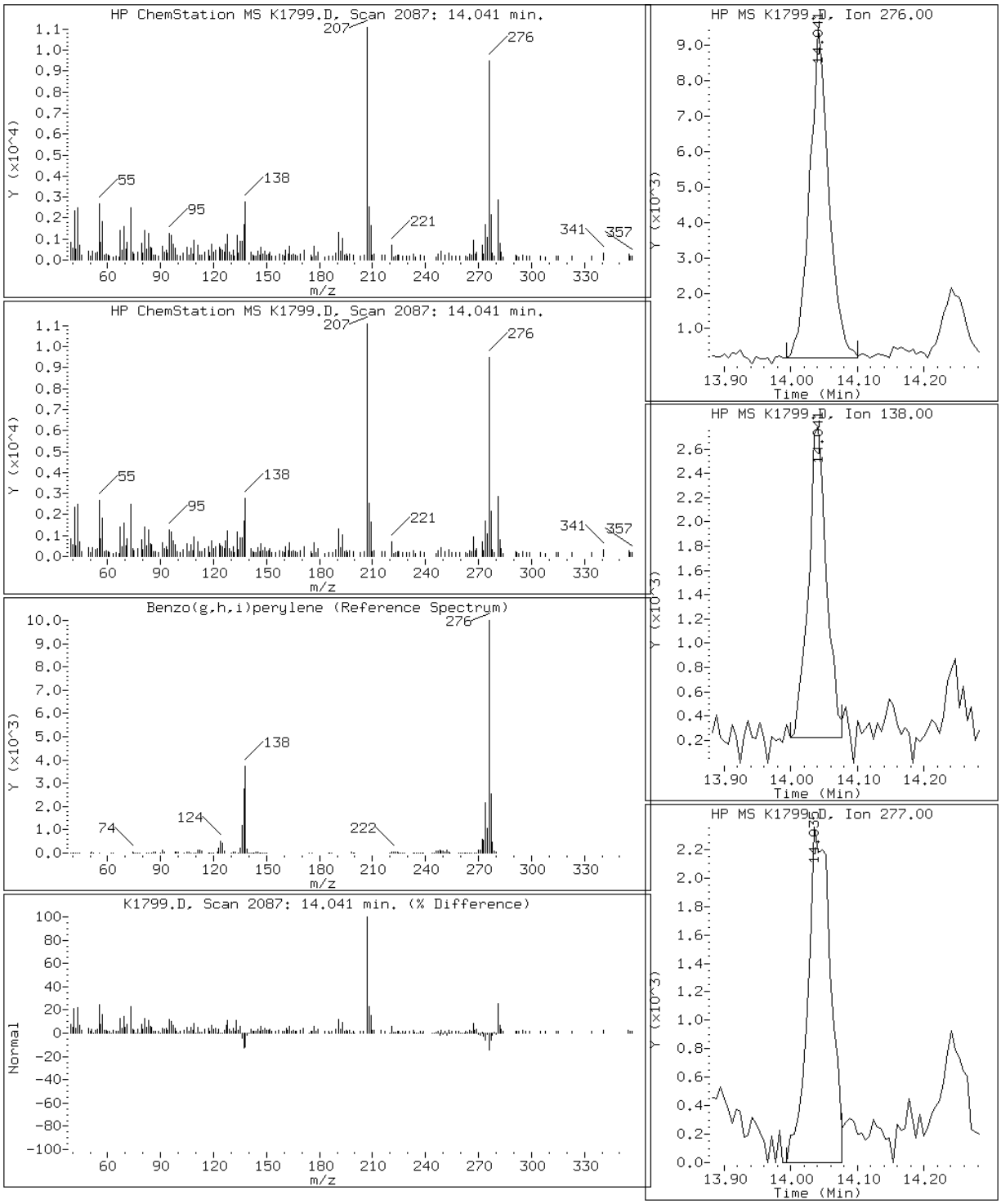
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

188 Benzo(g,h,i)perylene



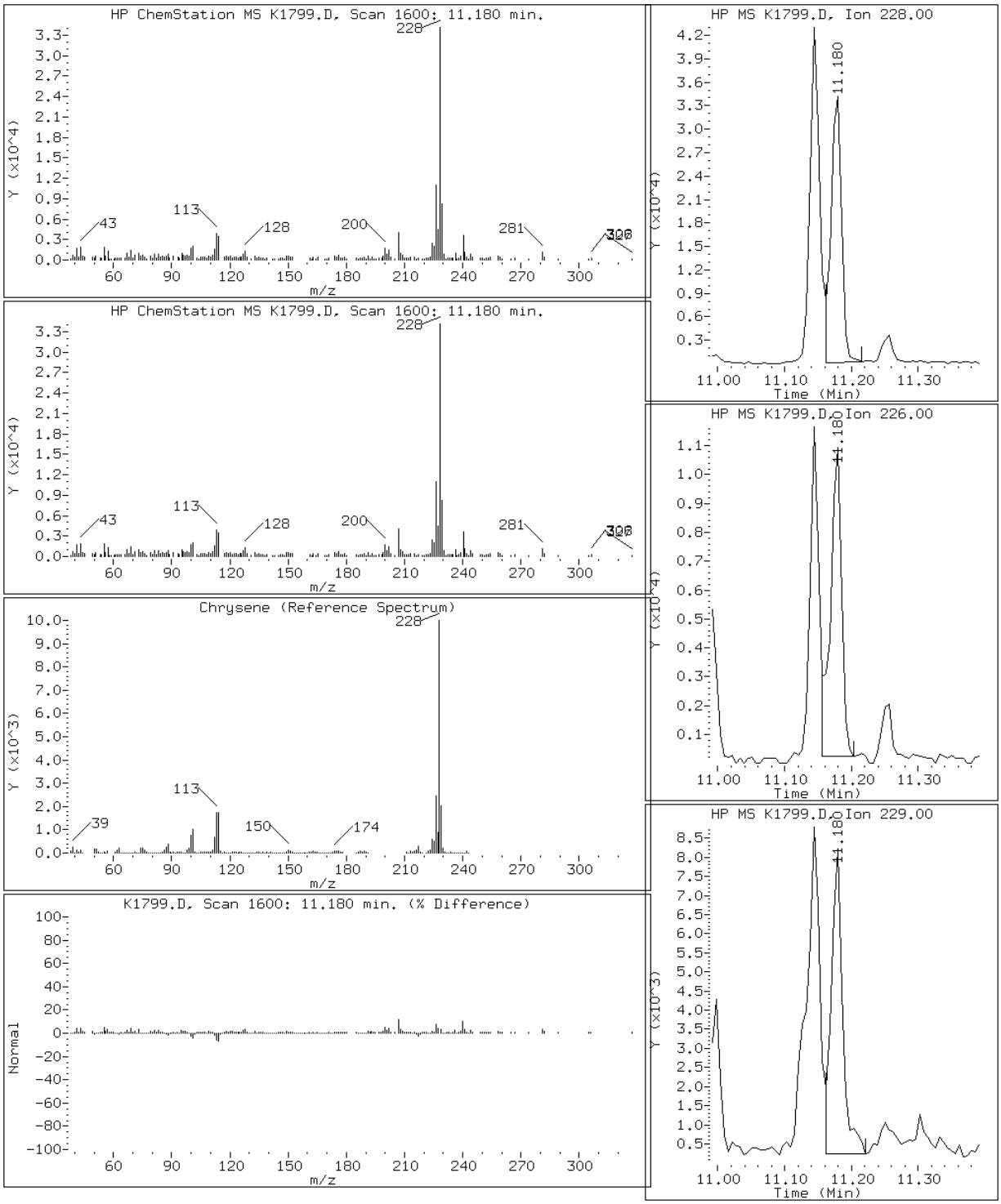
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

167 Chrysene



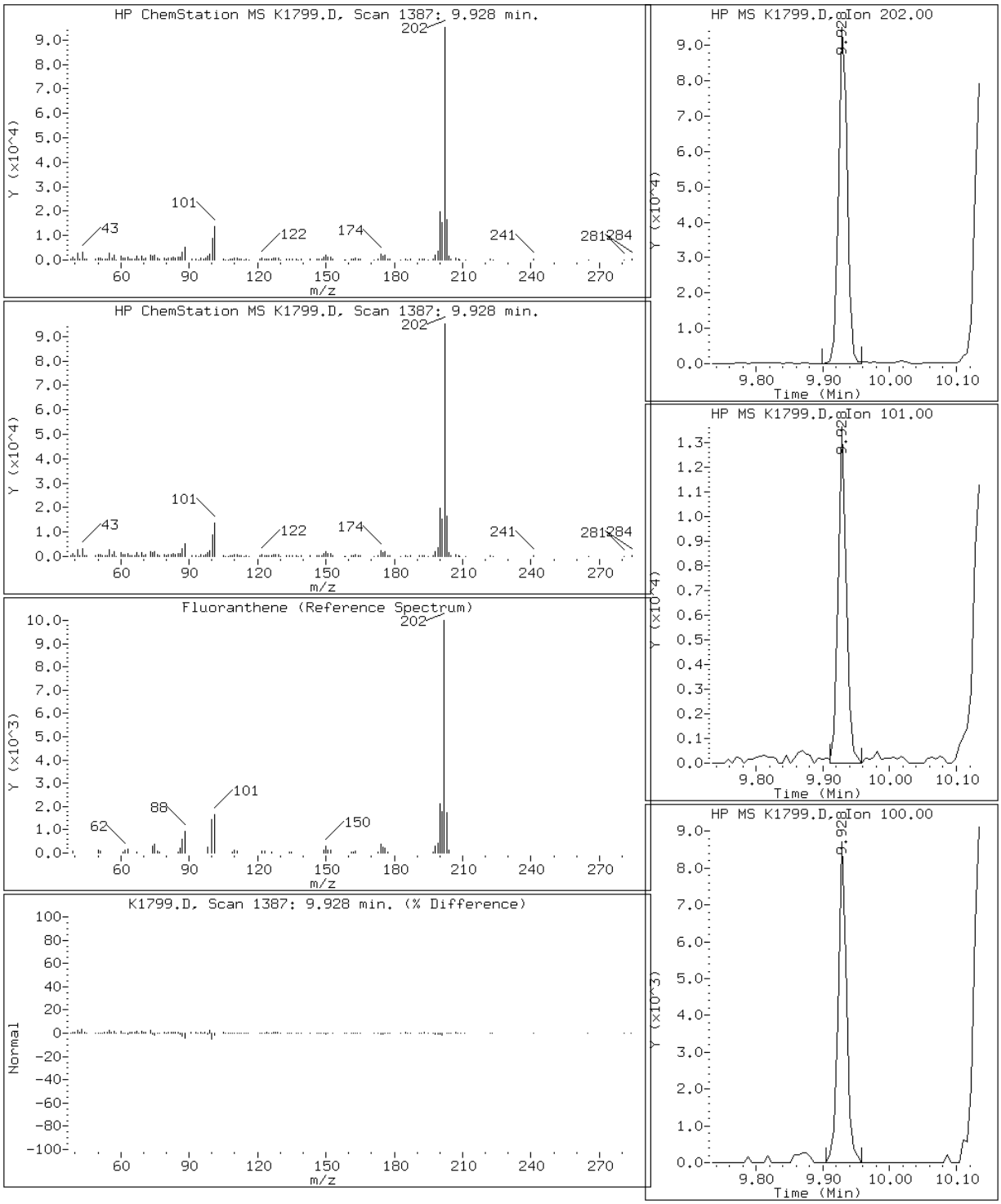
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

149 Fluoranthene



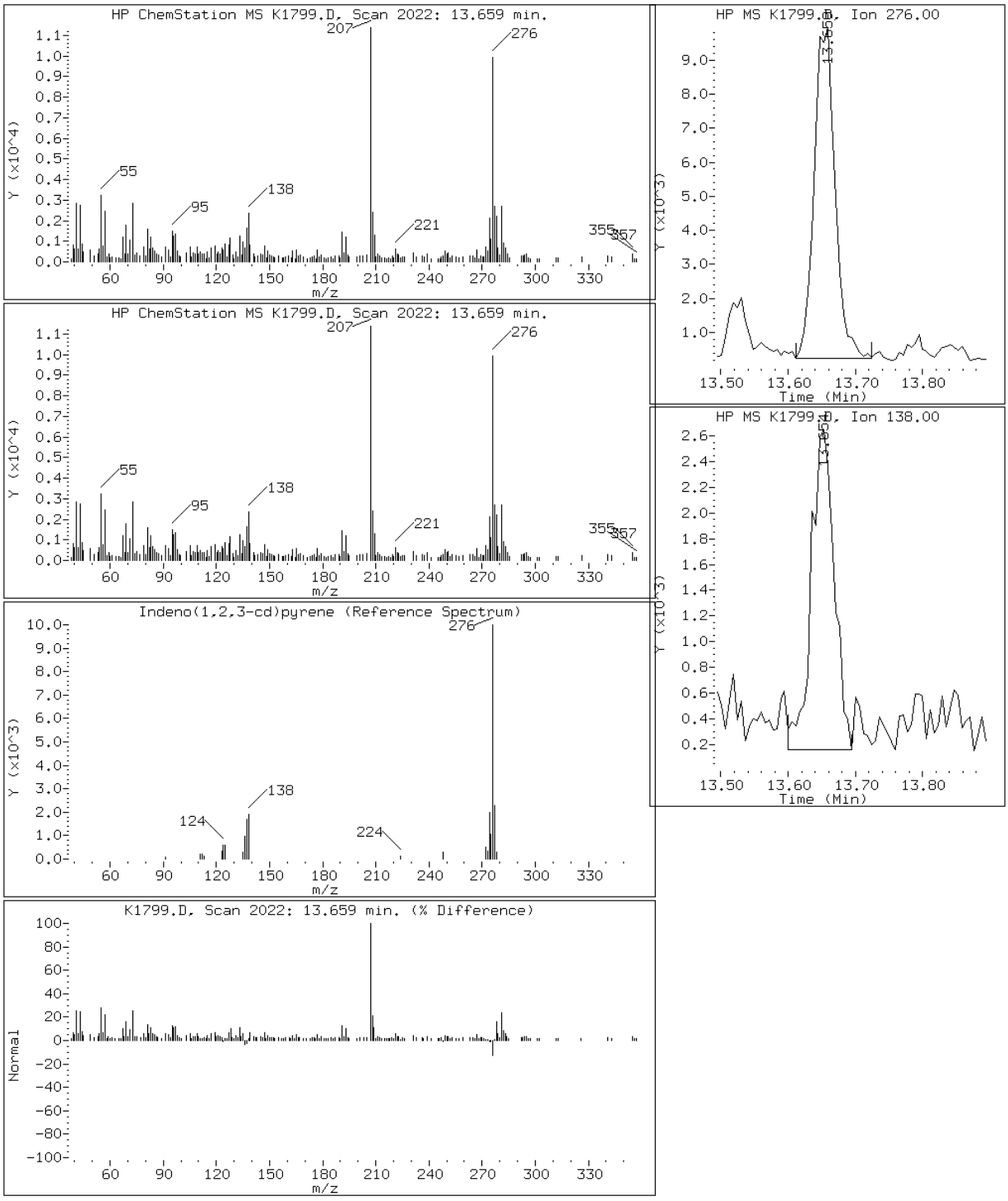
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

186 Indeno(1,2,3-cd)pyrene



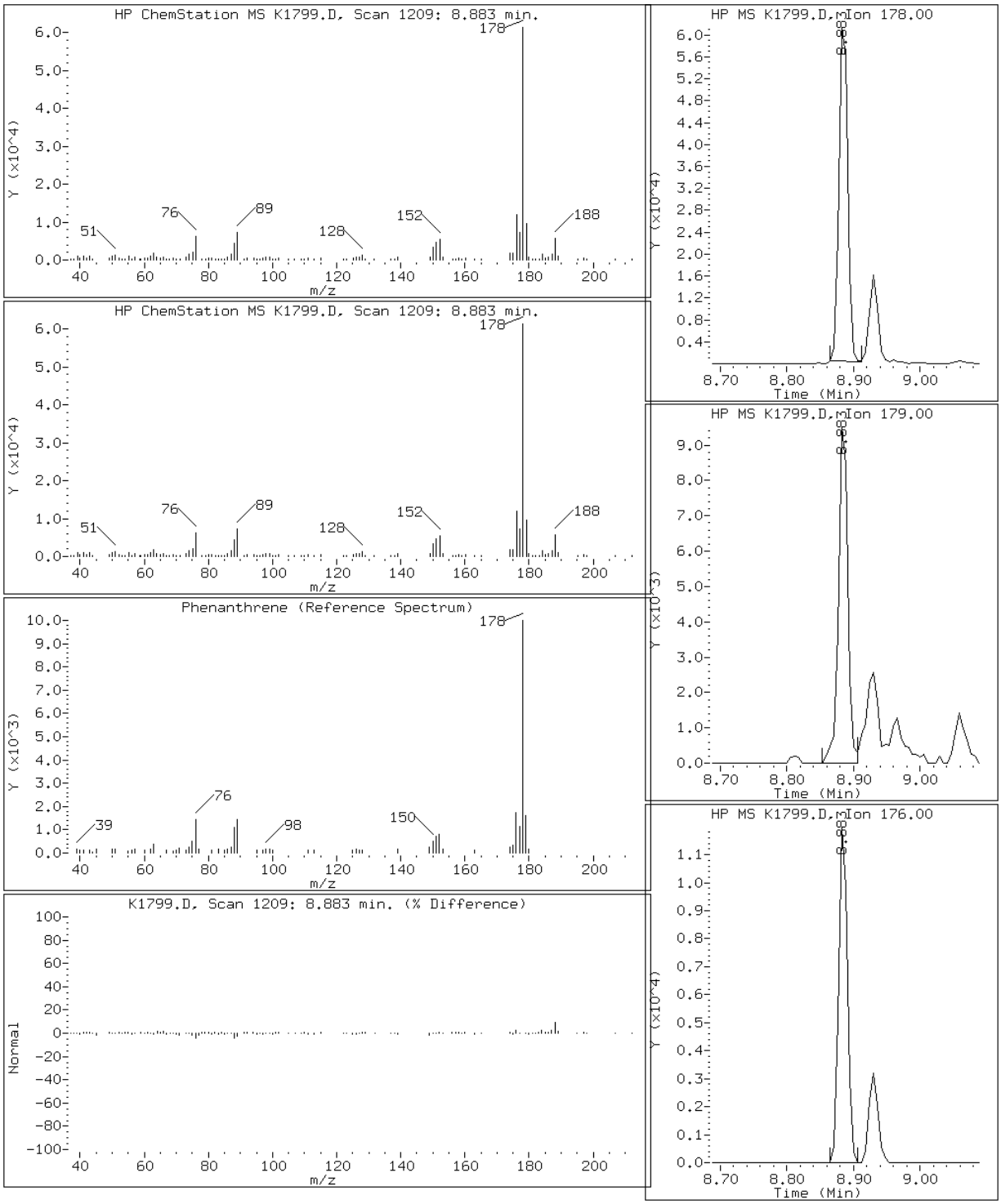
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

136 Phenanthrene



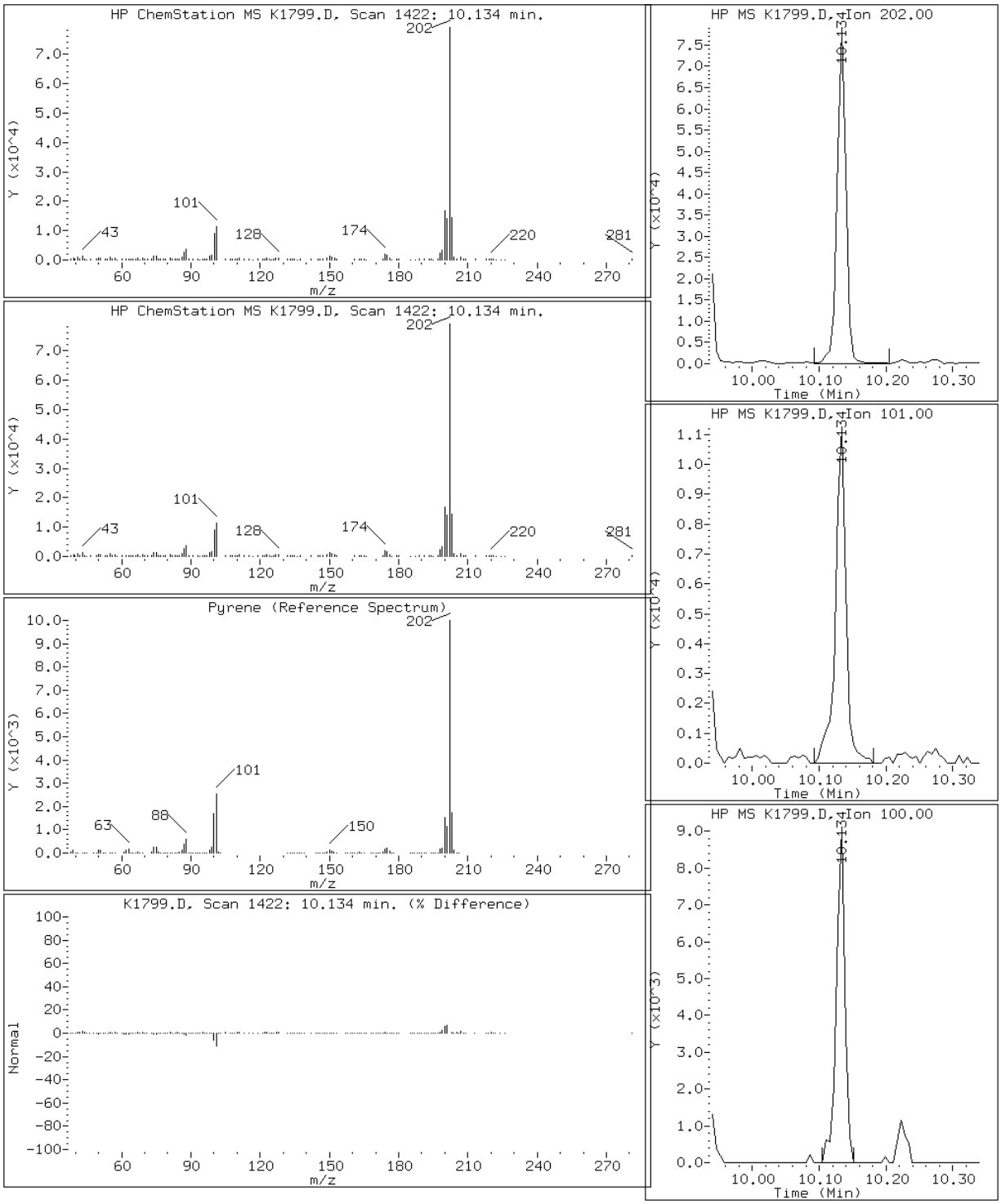
Data File: K1799.D

Date: 21-SEP-2011 22:26

Client ID: TMCSD0101FA Instrument: K.i

Sample Info: 280-20042-A-1-F,4, Operator: KIEKELD

152 Pyrene



Manual Integration Report

Data File: K1799.D
Inj. Date and Time: 21-SEP-2011 22:26
Instrument ID: K.i
Client ID: TMCSD0101FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

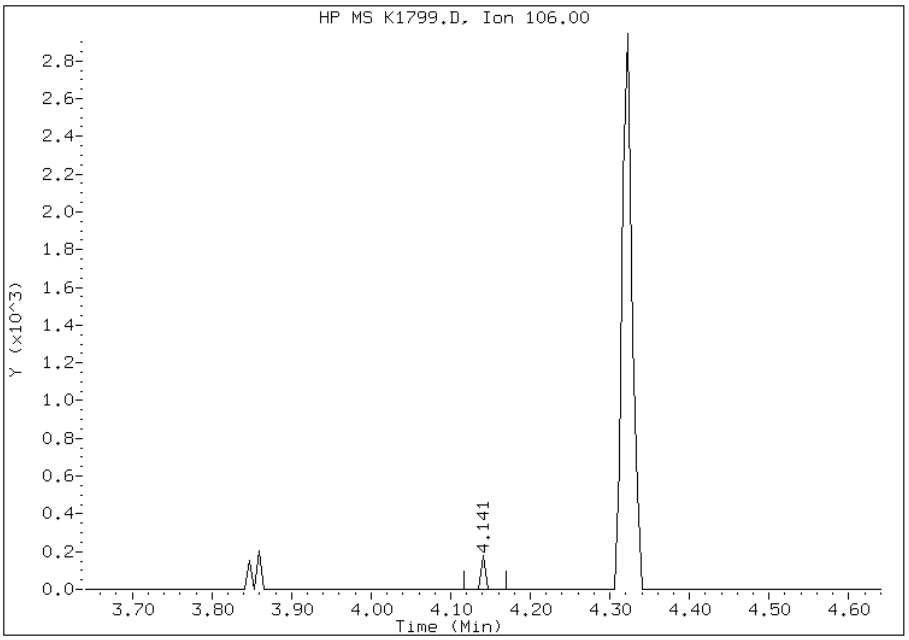
Processing Integration Results

RT: 4.14

Response: 62

Amount: 0

Conc: 3



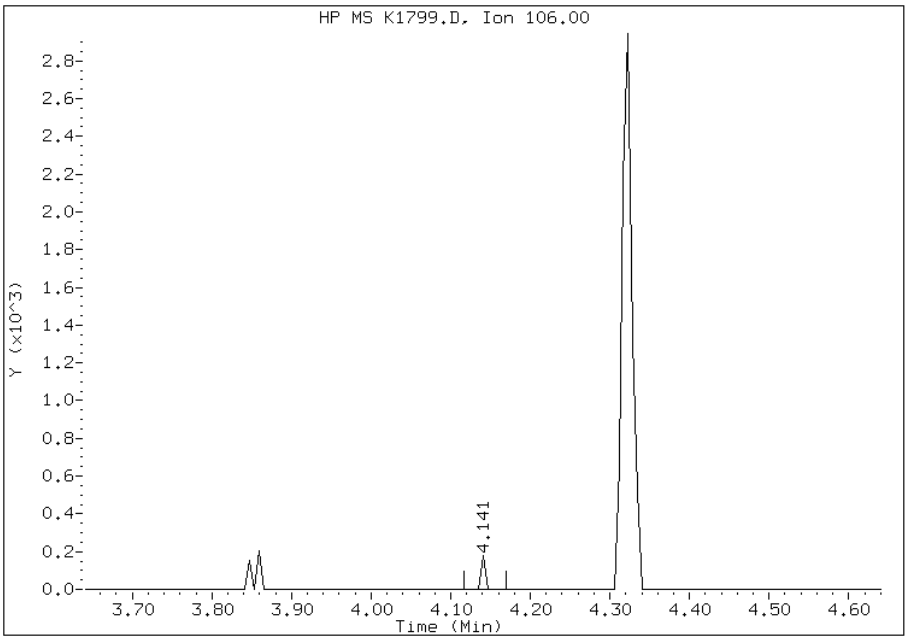
Manual Integration Results

RT: 4.14

Response: 62

Amount: 0

Conc: 3



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:16
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: K1847.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.2(g) | Date Analyzed: 09/22/2011 20:30

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87836 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	39	U	390	39	60
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	390	39	58
120-82-1	1,2,4-Trichlorobenzene	39	U	390	39	33
95-50-1	1,2-Dichlorobenzene	39	U	390	39	26
122-66-7	1,2-Diphenylhydrazine	39	U	390	39	26
541-73-1	1,3-Dichlorobenzene	39	U	390	39	14
106-46-7	1,4-Dichlorobenzene	39	U	390	39	16
108-60-1	2,2'-oxybis[1-chloropropane]	39	U	390	39	27
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	1900	39	160
95-95-4	2,4,5-Trichlorophenol	150	U	390	150	12
88-06-2	2,4,6-Trichlorophenol	79	U	390	79	12
120-83-2	2,4-Dichlorophenol	79	U	390	79	12
105-67-9	2,4-Dimethylphenol	150	U	390	150	79
51-28-5	2,4-Dinitrophenol	800	U	1900	800	400
121-14-2	2,4-Dinitrotoluene	150	U	390	150	79
87-65-0	2,6-Dichlorophenol	150	U	390	150	82
606-20-2	2,6-Dinitrotoluene	79	U	390	79	33
91-58-7	2-Chloronaphthalene	39	U	390	39	12
95-57-8	2-Chlorophenol	39	U	390	39	25
91-57-6	2-Methylnaphthalene	39	U	390	39	23
95-48-7	2-Methylphenol	39	U	390	39	15
88-74-4	2-Nitroaniline	79	U	1900	79	60
88-75-5	2-Nitrophenol	79	U	390	79	12
15831-10-4	3 & 4 Methylphenol	79	U	390	79	39
91-94-1	3,3'-Dichlorobenzidine	390	U	1900	390	110
99-09-2	3-Nitroaniline	160	U	1900	160	87
534-52-1	4,6-Dinitro-2-methylphenol	790	U	1900	790	390
101-55-3	4-Bromophenyl phenyl ether	39	U	390	39	23
59-50-7	4-Chloro-3-methylphenol	150	U	390	150	79
106-47-8	4-Chloroaniline	150	U	390	150	98
7005-72-3	4-Chlorophenyl phenyl ether	79	U	390	79	25
100-01-6	4-Nitroaniline	150	U	1900	150	86
100-02-7	4-Nitrophenol	390	U	1900	390	120
83-32-9	Acenaphthene	20	U	390	20	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: K1847.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.2(g) | Date Analyzed: 09/22/2011 20:30

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87836 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	39	U	390	39	20
98-86-2	Acetophenone	39	U	390	39	24
120-12-7	Anthracene	39	U	390	39	20
1912-24-9	Atrazine	150	U	390	150	44
100-52-7	Benzaldehyde	80	U	390	80	46
92-87-5	Benzidine	4700	U	4800	4700	1200
56-55-3	Benzo[a]anthracene	45	J	390	39	24
50-32-8	Benzo[a]pyrene	43	J	390	39	24
205-99-2	Benzo[b]fluoranthene	86	J K	390	39	31
191-24-2	Benzo[g,h,i]perylene	31	J	390	39	19
207-08-9	Benzo[k]fluoranthene	79	U K	390	79	48
65-85-0	Benzoic acid	790	U	1900	790	390
100-51-6	Benzyl alcohol	39	U	390	39	12
111-91-1	Bis(2-chloroethoxy)methane	79	U	390	79	27
111-44-4	Bis(2-chloroethyl)ether	39	U	390	39	20
117-81-7	Bis(2-ethylhexyl) phthalate	130	J	390	79	55
85-68-7	Butyl benzyl phthalate	79	U	390	79	51
105-60-2	Caprolactam	390	U	1900	390	130
86-74-8	Carbazole	80	U	390	80	43
218-01-9	Chrysene	58	J	390	39	32
53-70-3	Dibenz(a,h)anthracene	39	U	390	39	23
132-64-9	Dibenzofuran	39	U	390	39	24
84-66-2	Diethyl phthalate	39	U	790	39	31
131-11-3	Dimethyl phthalate	39	U	390	39	27
84-74-2	Di-n-butyl phthalate	39	U	390	39	35
117-84-0	Di-n-octyl phthalate	79	U	390	79	17
206-44-0	Fluoranthene	91	J	390	79	43
86-73-7	Fluorene	39	U	390	39	21
118-74-1	Hexachlorobenzene	79	U	390	79	35
87-68-3	Hexachlorobutadiene	79	U	390	79	12
77-47-4	Hexachlorocyclopentadiene	79	U J	2000	79	60
67-72-1	Hexachloroethane	39	U J	390	39	25
193-39-5	Indeno[1,2,3-cd]pyrene	28	J	390	39	26
78-59-1	Isophorone	39	U	390	39	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: K1847.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.2(g) | Date Analyzed: 09/22/2011 20:30

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87836 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	79	U	390	79	37
98-95-3	Nitrobenzene	39	U	390	39	26
62-75-9	N-Nitrosodimethylamine	79	U	620	79	44
621-64-7	N-Nitrosodi-n-propylamine	79	U	390	79	37
86-30-6	N-Nitrosodiphenylamine	39	U	390	39	25
930-55-2	N-Nitrosopyrrolidine	150	U	390	150	76
87-86-5	Pentachlorophenol	800	U	1900	800	390
85-01-8	Phenanthrene	48	J	390	39	20
108-95-2	Phenol	23	J	390	39	21
129-00-0	Pyrene	73	J	480	39	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		35-125
321-60-8	2-Fluorobiphenyl	60		45-105
367-12-4	2-Fluorophenol (Surr)	53		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	53		35-100
4165-62-2	Phenol-d5 (Surr)	58		40-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1847.D
Lab Smp Id: 280-20042-A-2-F Client Smp ID: TMCSD0201FA
Inj Date : 22-SEP-2011 20:30
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-2-F
Misc Info : 280-20042-A-2-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\8270C.m
Meth Date : 26-Sep-2011 10:31 kiekeld Quant Type: ISTD
Cal Date : 22-SEP-2011 16:50 Cal File: K1836.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	32.200	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26	1,4-Dichlorobenzene-d4	152	4.522	4.528	(1.000)	195381	40.0000	
* 58	Naphthalene-d8	136	5.750	5.750	(1.000)	739056	40.0000	
* 96	Acenaphthene-d10	164	7.484	7.484	(1.000)	438418	40.0000	
* 135	Phenanthrene-d10	188	8.859	8.864	(1.000)	767743	40.0000	
* 166	Chrysene-d12	240	11.156	11.156	(1.000)	934240	40.0000	
* 179	Perylene-d12	264	12.425	12.431	(1.000)	920950	40.0000	
$ 8	2-Fluorophenol	112	3.359	3.347	(0.743)	524568	79.0604	2455.29(R)
$ 15	Phenol-d5	99	4.164	4.164	(0.921)	691243	86.6201	2690.07
$ 43	Nitrobenzene-d5	82	5.051	5.057	(0.878)	362747	53.4166	1658.90
$ 81	2-Fluorobiphenyl	172	6.802	6.808	(0.909)	852841	59.7762	1856.40
$ 118	2,4,6-Tribromophenol	330	8.230	8.236	(1.100)	320994	128.595	3993.63
$ 154	Terphenyl-d14	244	10.222	10.228	(0.916)	1417317	79.0638	2455.40
$ 29	1,2-Dichlorobenzene-d4	152	4.669	4.675	(1.032)	225997	47.4262	1472.86
$ 22	2-Chlorophenol-d4	132	4.317	4.323	(0.955)	563024	87.8872	2729.42
4	1,4-Dioxane	88	Compound Not Detected.					
5	N-Nitrosodimethylamine	74	Compound Not Detected.					
6	Pyridine	79	Compound Not Detected.					
9	2-Picoline	93	Compound Not Detected.					
10	N-Nitrosomethylethylamine	88	Compound Not Detected.					
11	Methyl methanesulfonate	80	Compound Not Detected.					
12	N-Nitrosodiethylamine	102	Compound Not Detected.					
13	Ethyl methanesulfonate	79	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
14	Benzaldehyde	106	Compound Not Detected.					
16	Phenol	94	4.176	4.176	(0.923)	4865	0.58457	18.1543(aQ)
18	Aniline	93	Compound Not Detected.					
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					
89	1,4-Naphthoquinone	158	Compound Not Detected.					
90	1,4-Dinitrobenzene	168	Compound Not Detected.					
91	Dimethyl phthalate	163	Compound Not Detected.					
92	1,3-Dinitrobenzene	168	Compound Not Detected.					
93	2,6-Dinitrotoluene	165	Compound Not Detected.					
94	Acenaphthylene	152	Compound Not Detected.					
95	3-Nitroaniline	138	Compound Not Detected.					
97	Acenaphthene	153	Compound Not Detected.					
98	2,4-Dinitrophenol	184	Compound Not Detected.					
99	4-Nitrophenol	109	Compound Not Detected.					
100	Pentachlorobenzene	250	Compound Not Detected.					
101	2,4-Dinitrotoluene	165	Compound Not Detected.					
102	Dibenzofuran	168	Compound Not Detected.					
103	1-Naphthylamine	143	Compound Not Detected.					
104	2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106	2-Naphthylamine	143	Compound Not Detected.					
107	Diethyl phthalate	149	Compound Not Detected.					
108	Thionazin	97	Compound Not Detected.					
109	4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110	Fluorene	166	Compound Not Detected.					
111	5-Nitro-o-toluidine	152	Compound Not Detected.					
112	4-Nitroaniline	138	Compound Not Detected.					
113	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115	N-nitrosodiphenylamine	169	Compound Not Detected.					
114	Diphenylamine	169	Compound Not Detected.					
116	Azobenzene	77	Compound Not Detected.					
234	1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117	Sulfotepp	97	Compound Not Detected.					
119	Diallate (#1)	86	Compound Not Detected.					
120	1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121	Phorate	121	Compound Not Detected.					
122	Phenacetin	108	Compound Not Detected.					
123	Diallate (#2)	86	Compound Not Detected.					
124	4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125	Hexachlorobenzene	284	Compound Not Detected.					
126	Dimethoate	87	Compound Not Detected.					
127	Atrazine	200	Compound Not Detected.					
129	Pentachlorophenol	266	Compound Not Detected.					
130	4-Aminobiphenyl	169	Compound Not Detected.					
131	Pentachloronitrobenzene	237	Compound Not Detected.					
132	Pronamide	173	Compound Not Detected.					
133	Disulfoton	88	Compound Not Detected.					
134	2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136	Phenanthrene	178	8.882	8.888	(1.003)	24913	1.21193	37.6376(a)
137	Anthracene	178	Compound Not Detected.					
140	Carbazole	167	Compound Not Detected.					
141	Alachlor	188	Compound Not Detected.					
142	Methyl parathion	109	Compound Not Detected.					
143	Di-n-butyl phthalate	149	Compound Not Detected.					
145	Parathion	109	Compound Not Detected.					
146	4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147	Methapyrilene	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	9.934	9.934	(1.121)	54286	2.28216	70.8746(a)
151	Benzidine	184	Compound Not Detected.					
152	Pyrene	202	10.134	10.139	(0.908)	47637	1.82477	56.6700(a)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	11.038	11.044	(0.989)	44371	3.33389	103.537(a)
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	11.144	11.150	(0.999)	29154	1.13056	35.1107(a)
167	Chrysene	228	11.174	11.185	(1.002)	36274	1.45241	45.1059(a)
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.043	12.061	(0.969)	56902	2.15415	66.8990(a)
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.366	12.384	(0.995)	26455	1.07113	33.2649(a)
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	13.647	13.688	(1.223)	19984	0.69252	21.5067(a)
188	Benzo(g,h,i)perylene	276	14.041	14.076	(1.130)	19339	0.79278	24.6205(a)
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

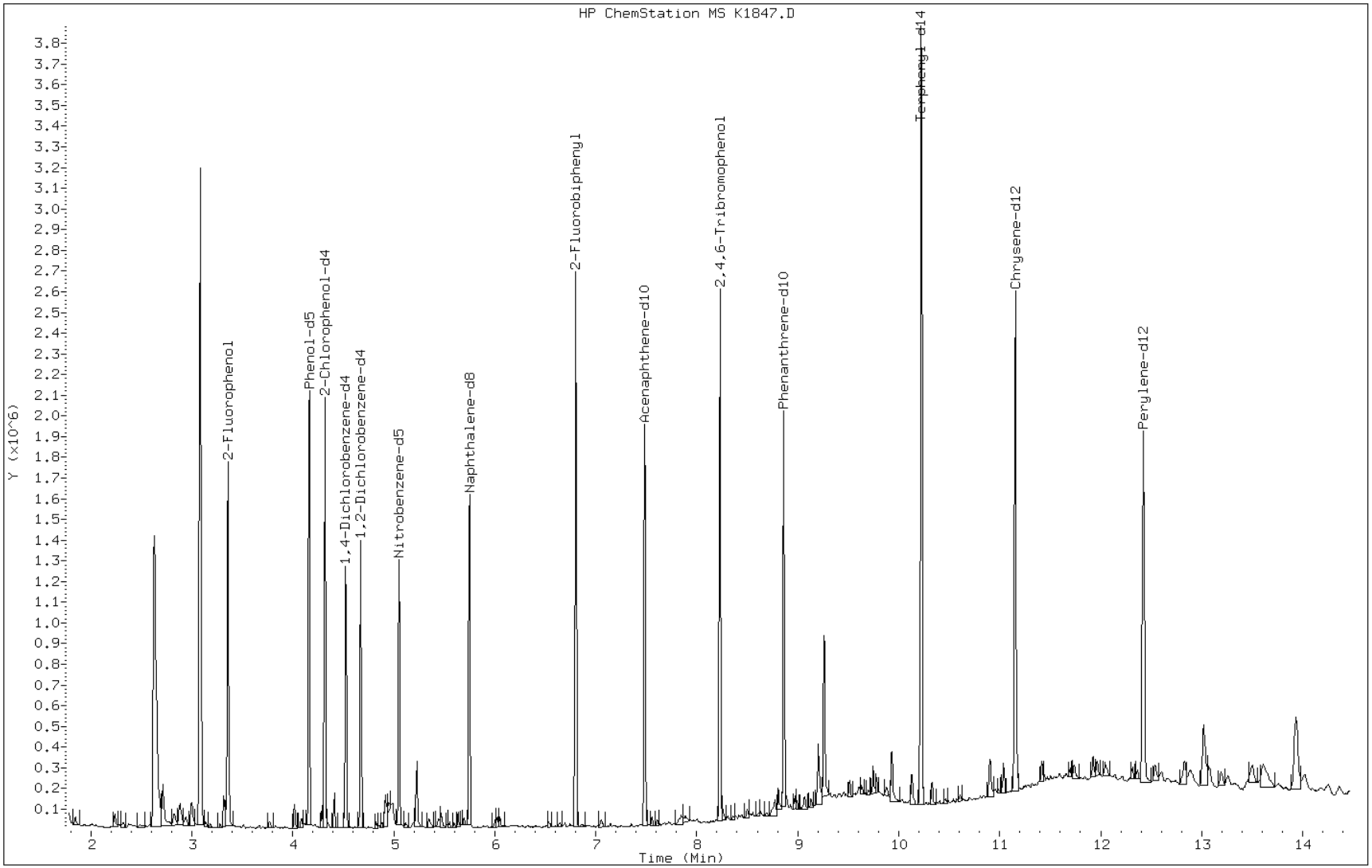
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD



Data File: K1847.D

Date: 22-SEP-2011 20:30

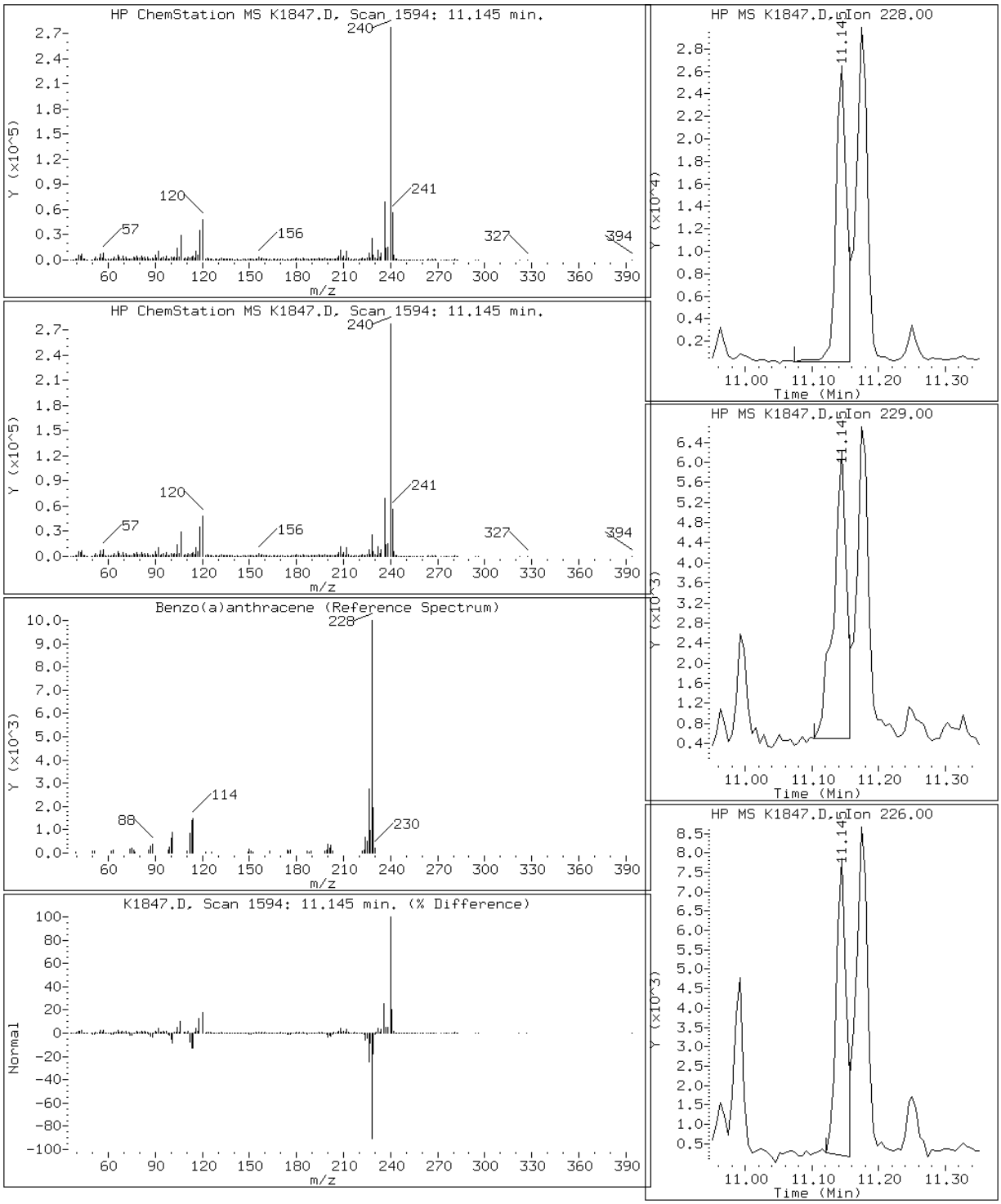
Client ID: TMCSD0201FA

Instrument: K.i

Sample Info: 280-20042-A-2-F

Operator: KIEKELD

165 Benzo(a)anthracene



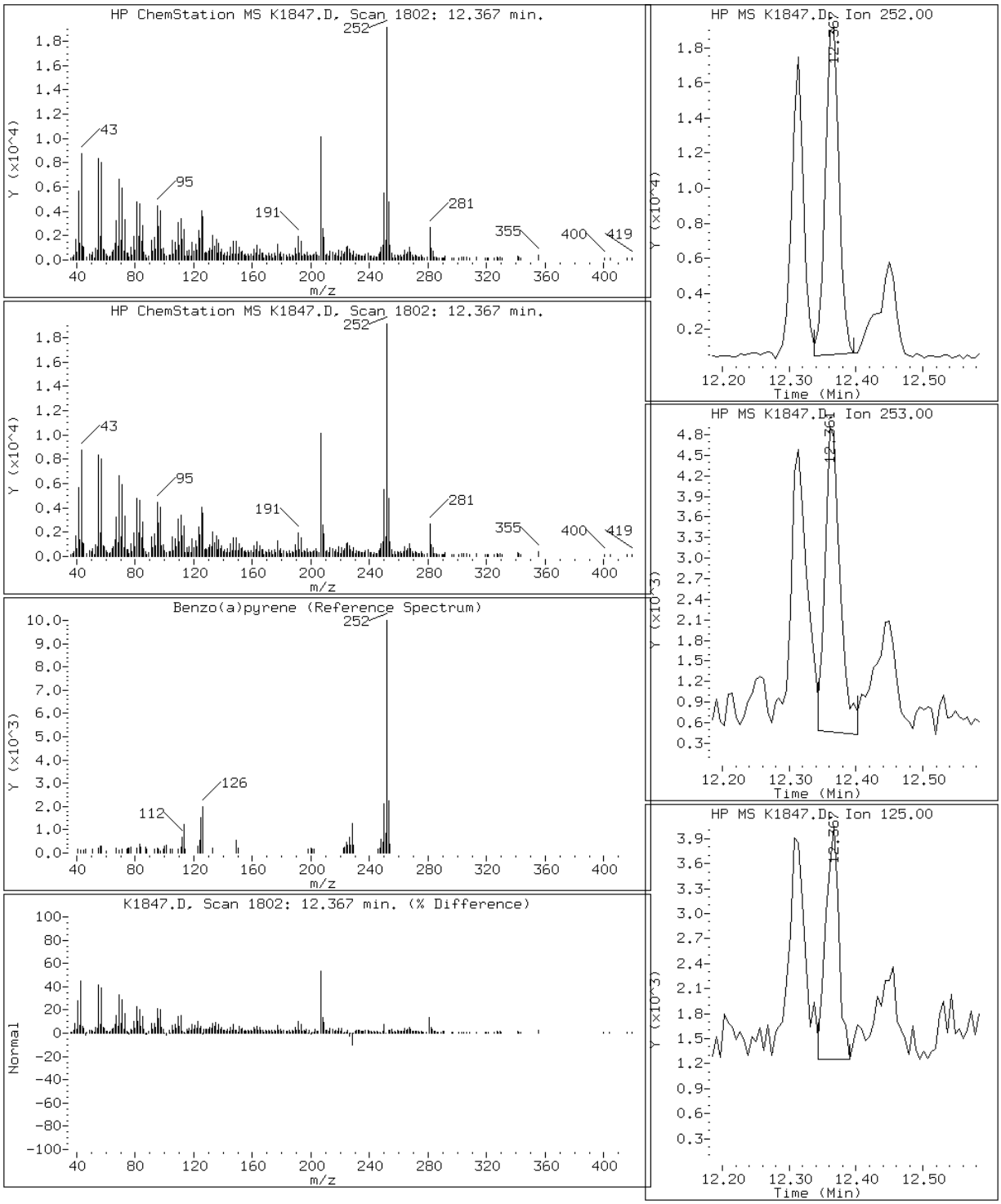
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

178 Benzo(a)pyrene



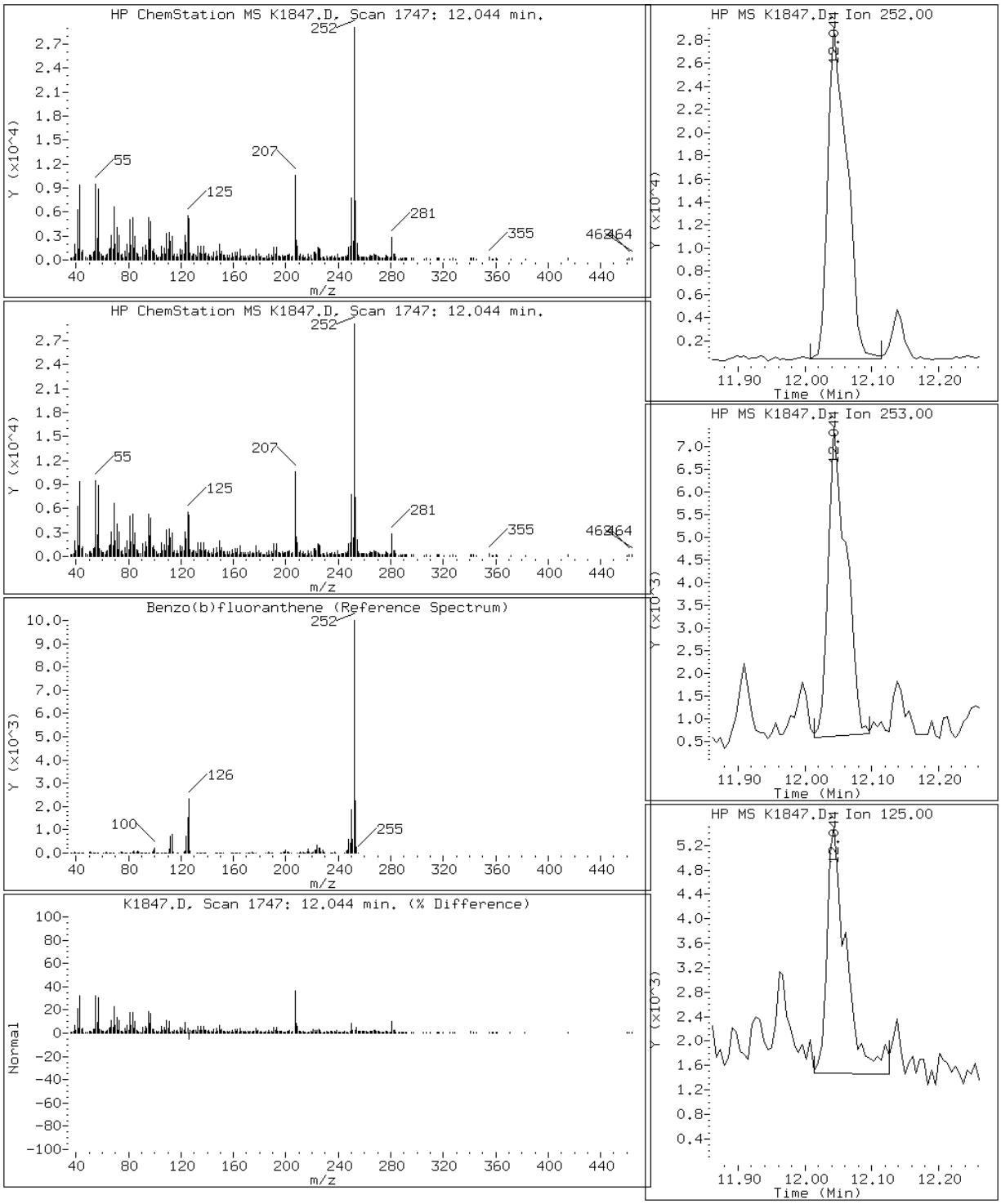
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

171 Benzo(b)fluoranthene



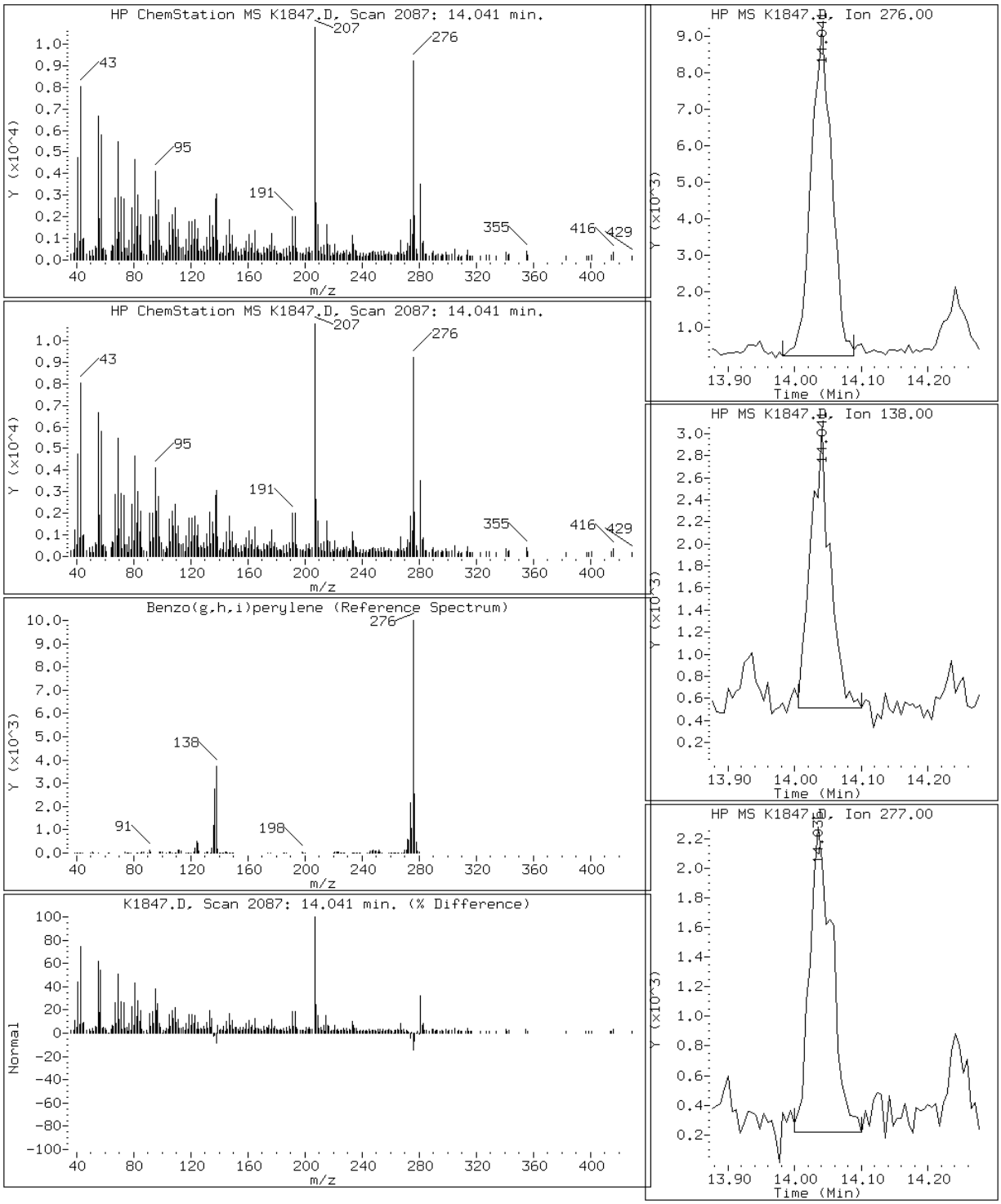
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

188 Benzo(g,h,i)perylene



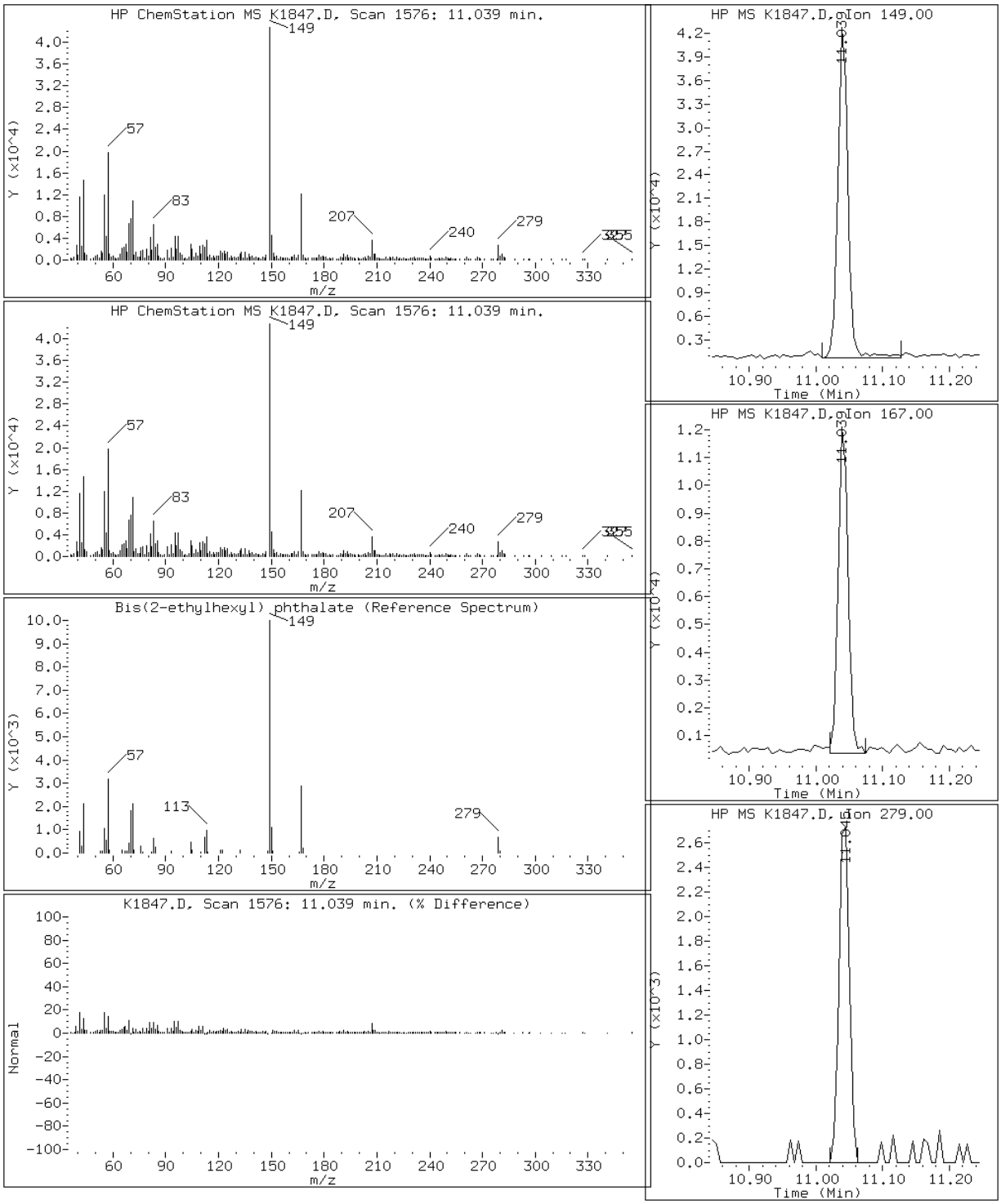
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

162 Bis(2-ethylhexyl) phthalate



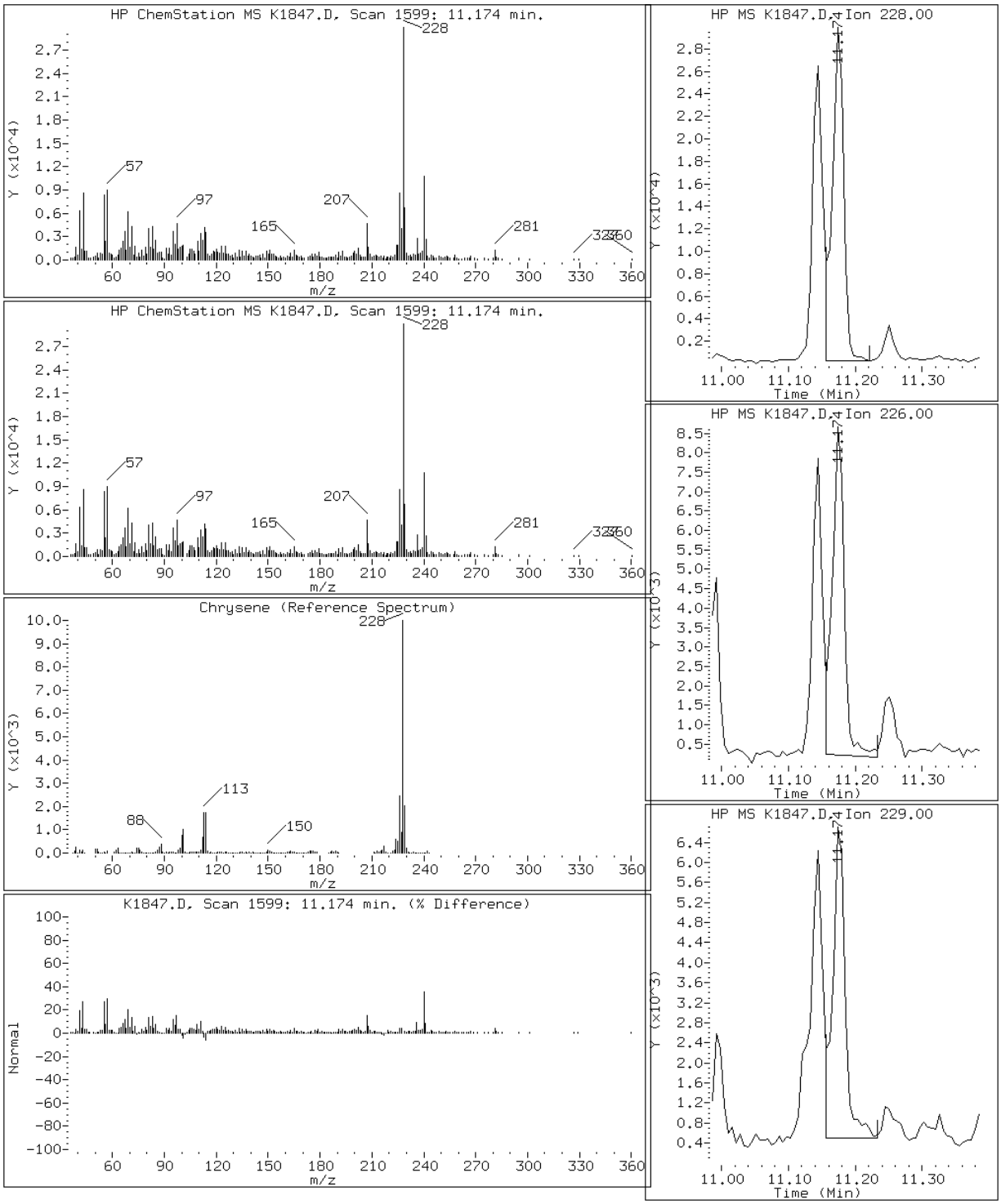
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Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

167 Chrysene



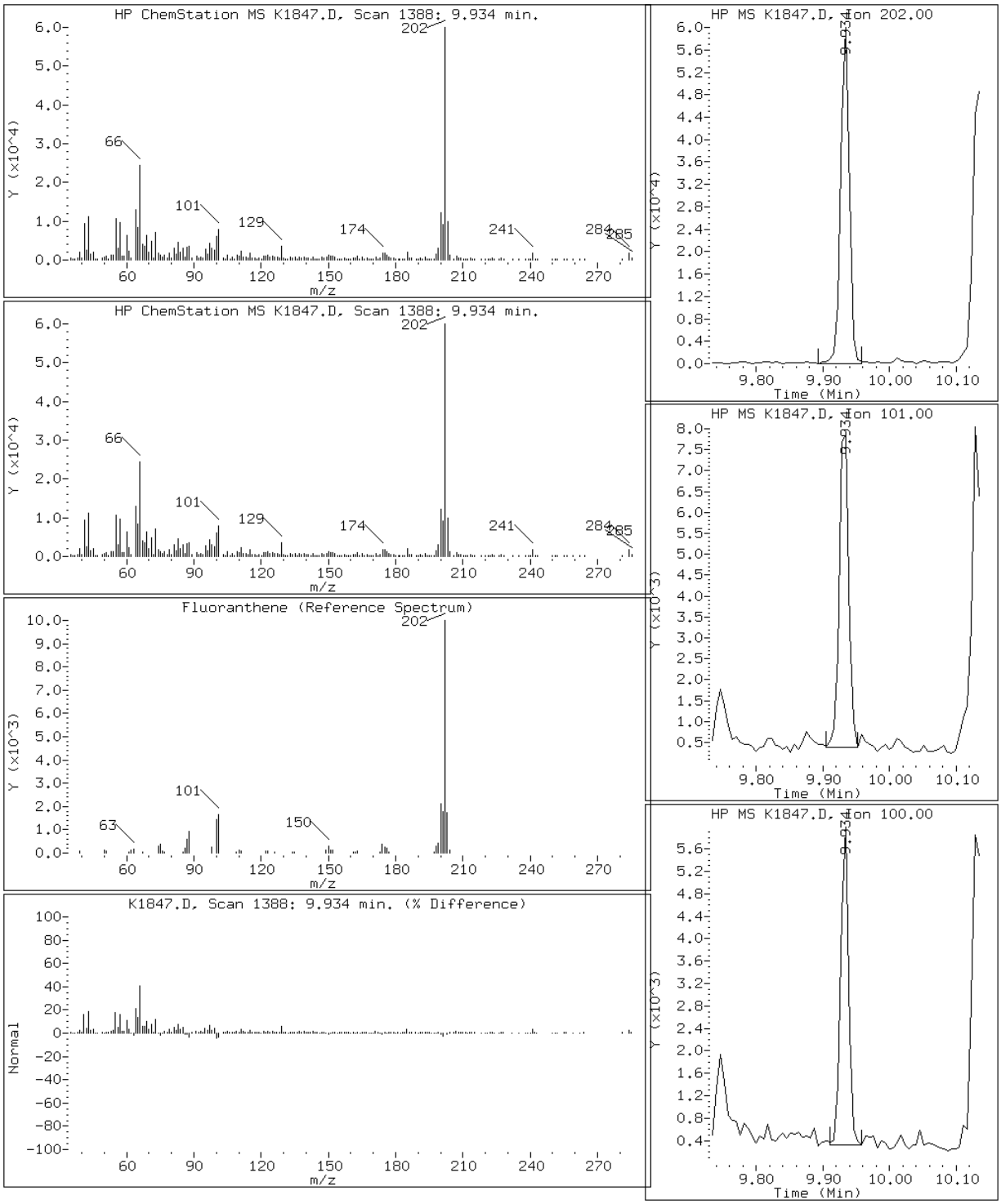
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Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

149 Fluoranthene



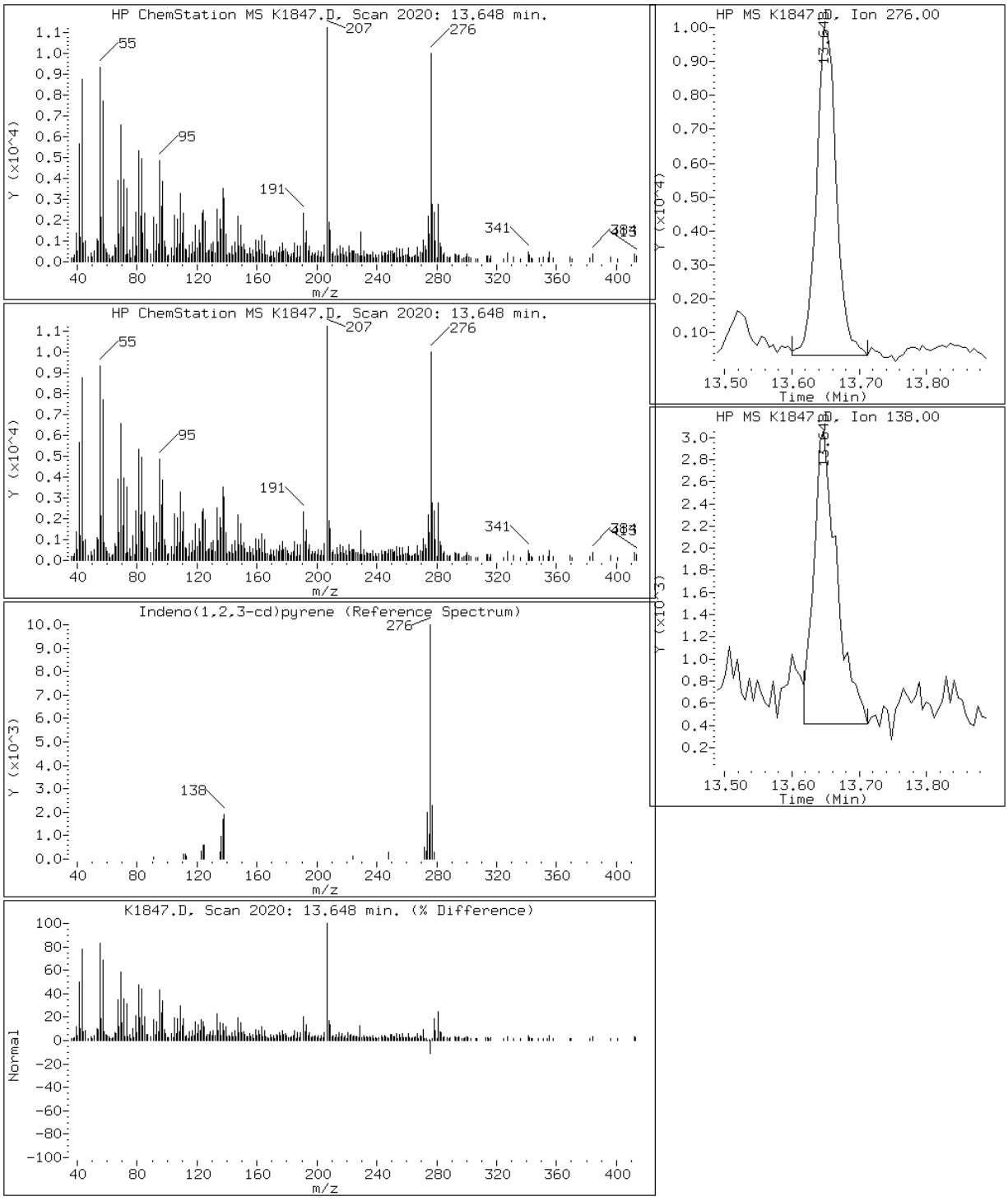
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

186 Indeno(1,2,3-cd)pyrene



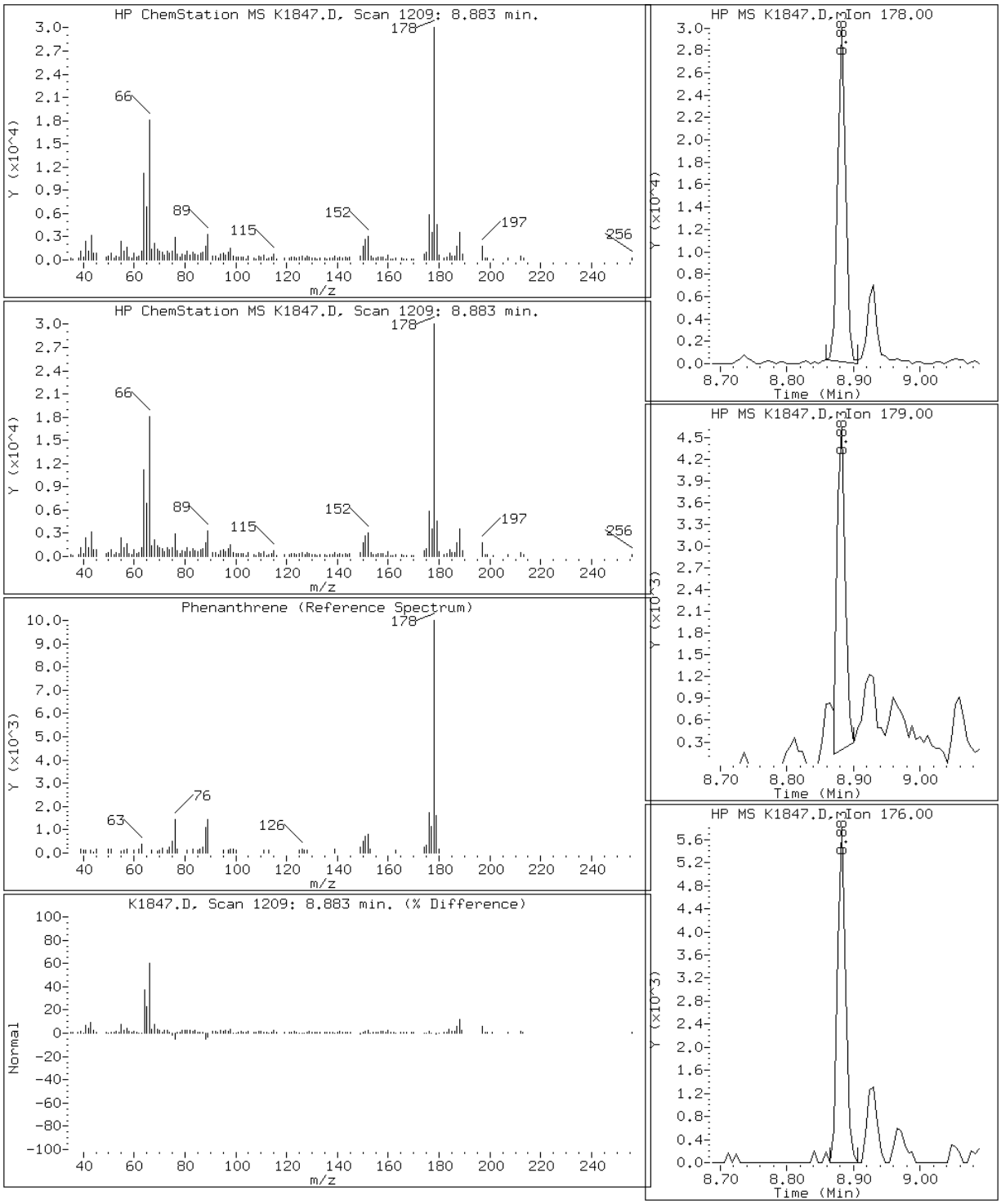
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

136 Phenanthrene



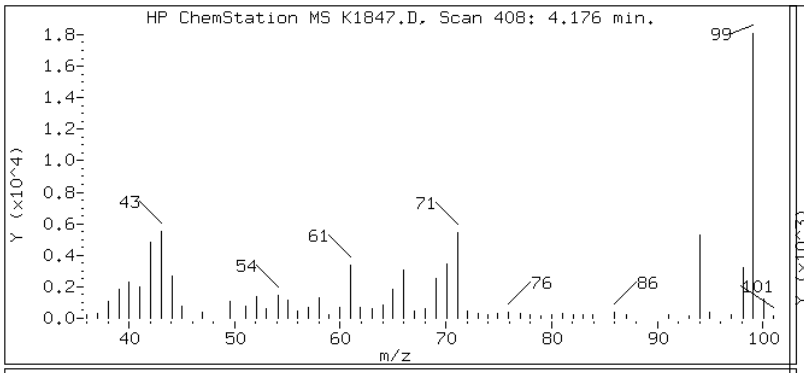
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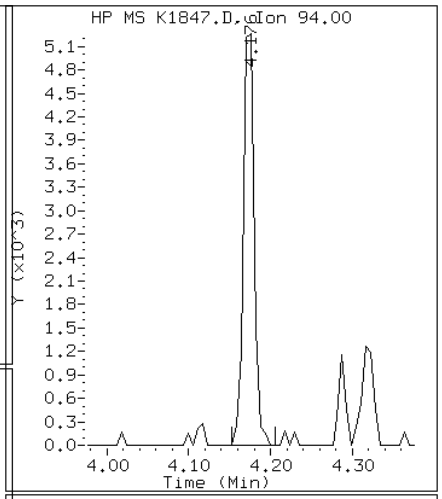
Date: 22-SEP-2011 20:30

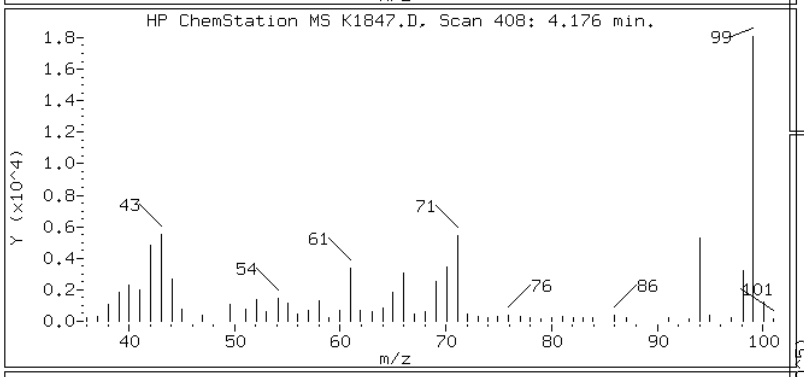
Client ID: TMCSD0201FA Instrument: K.i

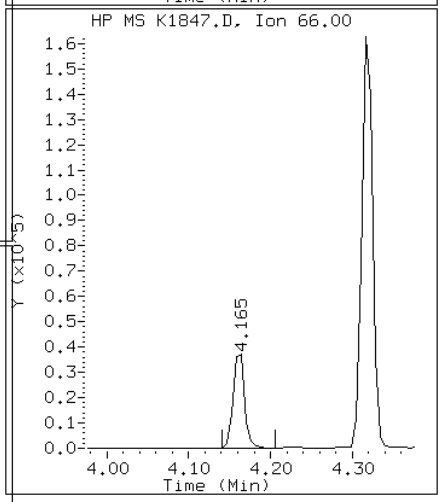
Sample Info: 280-20042-A-2-F Operator: KIEKELD

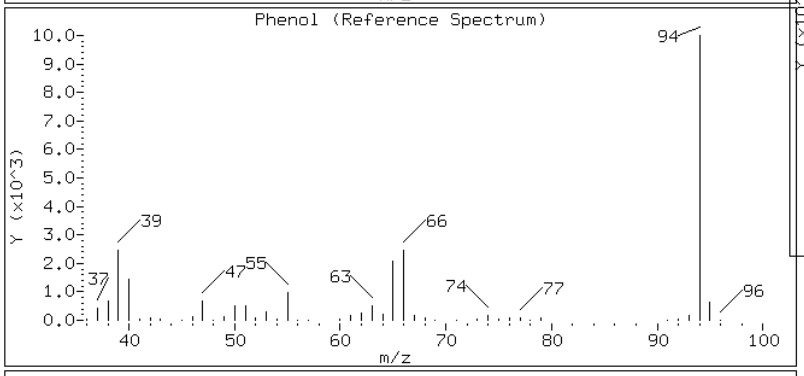
16 Phenol

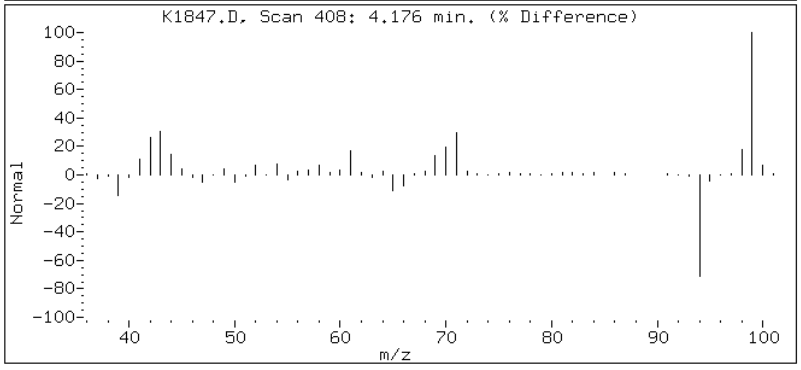












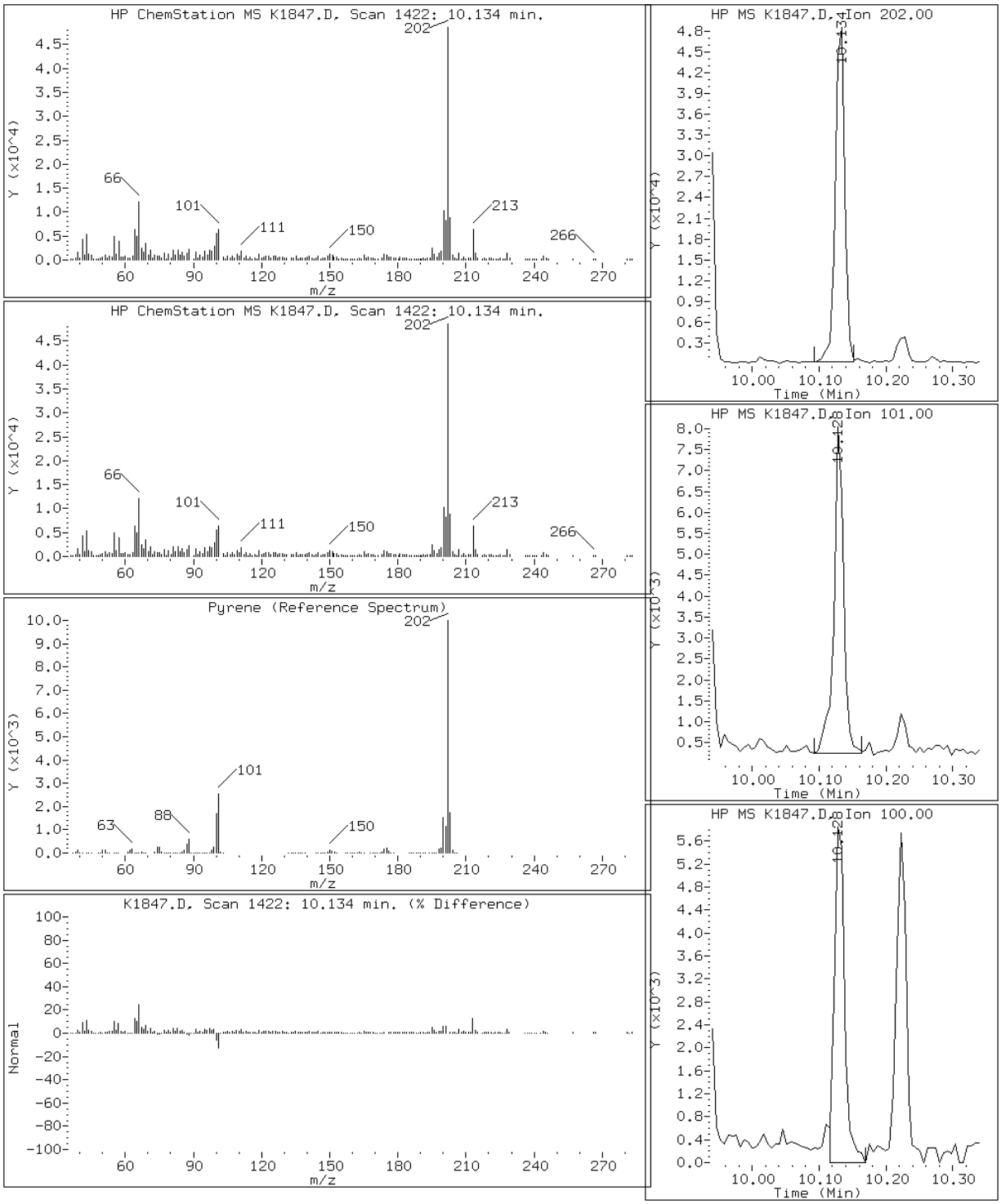
Data File: K1847.D

Date: 22-SEP-2011 20:30

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-F Operator: KIEKELD

152 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA | Lab Sample ID: 280-20042-3

Matrix: Solid | Lab File ID: K1803.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/21/2011 23:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	41	U	410	41	63
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	410	41	62
120-82-1	1,2,4-Trichlorobenzene	41	U	410	41	35
95-50-1	1,2-Dichlorobenzene	41	U	410	41	28
122-66-7	1,2-Diphenylhydrazine	41	U	410	41	28
541-73-1	1,3-Dichlorobenzene	41	U	410	41	15
106-46-7	1,4-Dichlorobenzene	41	U	410	41	17
108-60-1	2,2'-oxybis[1-chloropropane]	41	U	410	41	29
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	2000	41	170
95-95-4	2,4,5-Trichlorophenol	160	U	410	160	13
88-06-2	2,4,6-Trichlorophenol	83	U	410	83	13
120-83-2	2,4-Dichlorophenol	83	U	410	83	13
105-67-9	2,4-Dimethylphenol	160	U	410	160	83
51-28-5	2,4-Dinitrophenol	840	U	2000	840	420
121-14-2	2,4-Dinitrotoluene	160	U	410	160	83
87-65-0	2,6-Dichlorophenol	160	U	410	160	87
606-20-2	2,6-Dinitrotoluene	83	U	410	83	35
91-58-7	2-Chloronaphthalene	41	U	410	41	13
95-57-8	2-Chlorophenol	41	U	410	41	26
91-57-6	2-Methylnaphthalene	41	U	410	41	24
95-48-7	2-Methylphenol	41	U	410	41	16
88-74-4	2-Nitroaniline	83	U	2000	83	63
88-75-5	2-Nitrophenol	83	U	410	83	13
15831-10-4	3 & 4 Methylphenol	83	U	410	83	41
91-94-1	3,3'-Dichlorobenzidine	410	U	2000	410	110
99-09-2	3-Nitroaniline	170	U	2000	170	92
534-52-1	4,6-Dinitro-2-methylphenol	830	U	2000	830	410
101-55-3	4-Bromophenyl phenyl ether	41	U	410	41	24
59-50-7	4-Chloro-3-methylphenol	160	U	410	160	83
106-47-8	4-Chloroaniline	160	U	410	160	100
7005-72-3	4-Chlorophenyl phenyl ether	83	U	410	83	26
100-01-6	4-Nitroaniline	160	U	2000	160	91
100-02-7	4-Nitrophenol	410	U	2000	410	120
83-32-9	Acenaphthene	21	U	410	21	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA | Lab Sample ID: 280-20042-3

Matrix: Solid | Lab File ID: K1803.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/21/2011 23:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	41	U	410	41	21
98-86-2	Acetophenone	41	U	410	41	25
120-12-7	Anthracene	41	U	410	41	21
1912-24-9	Atrazine	160	U	410	160	46
100-52-7	Benzaldehyde	84	U M	410	84	49
92-87-5	Benzidine	5000	U	5000	5000	1200
56-55-3	Benzo[a]anthracene	36	J	410	41	25
50-32-8	Benzo[a]pyrene	38	J	410	41	25
205-99-2	Benzo[b]fluoranthene	76	J K	410	41	33
191-24-2	Benzo[g,h,i]perylene	31	J	410	41	20
207-08-9	Benzo[k]fluoranthene	83	U K	410	83	50
65-85-0	Benzoic acid	830	U	2000	830	410
100-51-6	Benzyl alcohol	14	J	410	41	13
111-91-1	Bis(2-chloroethoxy)methane	83	U	410	83	29
111-44-4	Bis(2-chloroethyl)ether	41	U	410	41	21
117-81-7	Bis(2-ethylhexyl) phthalate	83	U	410	83	58
85-68-7	Butyl benzyl phthalate	83	U	410	83	54
105-60-2	Caprolactam	410	U	2000	410	130
86-74-8	Carbazole	84	U	410	84	45
218-01-9	Chrysene	45	J	410	41	34
53-70-3	Dibenz(a,h)anthracene	41	U	410	41	24
132-64-9	Dibenzofuran	41	U	410	41	25
84-66-2	Diethyl phthalate	41	U	830	41	33
131-11-3	Dimethyl phthalate	41	U	410	41	29
84-74-2	Di-n-butyl phthalate	41	U	410	41	36
117-84-0	Di-n-octyl phthalate	83	U	410	83	18
206-44-0	Fluoranthene	68	J	410	83	45
86-73-7	Fluorene	41	U	410	41	23
118-74-1	Hexachlorobenzene	83	U	410	83	36
87-68-3	Hexachlorobutadiene	83	U	410	83	13
77-47-4	Hexachlorocyclopentadiene	83	U	2100	83	63
67-72-1	Hexachloroethane	41	U	410	41	27
193-39-5	Indeno[1,2,3-cd]pyrene	41	U	410	41	28
78-59-1	Isophorone	41	U	410	41	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA | Lab Sample ID: 280-20042-3

Matrix: Solid | Lab File ID: K1803.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/21/2011 23:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	83	U	410	83	39
98-95-3	Nitrobenzene	41	U	410	41	28
62-75-9	N-Nitrosodimethylamine	83	U	650	83	46
621-64-7	N-Nitrosodi-n-propylamine	83	U	410	83	39
86-30-6	N-Nitrosodiphenylamine	41	U	410	41	26
930-55-2	N-Nitrosopyrrolidine	160	U	410	160	80
87-86-5	Pentachlorophenol	840	U	2000	840	410
85-01-8	Phenanthrene	35	J	410	41	21
108-95-2	Phenol	36	J	410	41	23
129-00-0	Pyrene	60	J	500	41	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		35-125
321-60-8	2-Fluorobiphenyl	72		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	71		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	86		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1803.D
Lab Smp Id: 280-20042-A-3-D Client Smp ID: TMCSD0301FA
Inj Date : 21-SEP-2011 23:46
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-3-D
Misc Info : 280-20042-A-3-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.500	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	117970	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	457634	40.0000	
* 96 Acenaphthene-d10	164	7.490	7.489	(1.000)	272912	40.0000	
* 135 Phenanthrene-d10	188	8.865	8.864	(1.000)	470482	40.0000	
* 166 Chrysene-d12	240	11.156	11.162	(1.000)	549210	40.0000	
* 179 Perylene-d12	264	12.425	12.437	(1.000)	527261	40.0000	
$ 8 2-Fluorophenol	112	3.365	3.353	(0.743)	422265	105.403	3455.84
$ 15 Phenol-d5	99	4.164	4.164	(0.920)	532105	110.432	3620.73
$ 43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	300615	71.4895	2343.92
$ 81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	636252	71.6400	2348.85
$ 118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	192651	123.983	4065.03
$ 154 Terphenyl-d14	244	10.228	10.227	(0.917)	901647	85.5593	2805.22
$ 29 1,2-Dichlorobenzene-d4	152	4.675	4.681	(1.032)	187702	65.2373	2138.93
$ 22 2-Chlorophenol-d4	132	4.323	4.328	(0.955)	446140	115.340	3781.64
4 1,4-Dioxane	88	Compound Not Detected.					
5 N-Nitrosodimethylamine	74	Compound Not Detected.					
6 Pyridine	79	Compound Not Detected.					
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					
16 Phenol	94	4.176	4.181	(0.922)	4335	0.86269	28.2848(aQ)
18 Aniline	93	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	4.646	4.651	(1.026)	905	0.33581	11.0101(a)
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					
89	1,4-Naphthoquinone	158	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
90 1,4-Dinitrobenzene	168	Compound Not Detected.					
91 Dimethyl phthalate	163	Compound Not Detected.					
92 1,3-Dinitrobenzene	168	Compound Not Detected.					
93 2,6-Dinitrotoluene	165	Compound Not Detected.					
94 Acenaphthylene	152	Compound Not Detected.					
95 3-Nitroaniline	138	Compound Not Detected.					
97 Acenaphthene	153	Compound Not Detected.					
98 2,4-Dinitrophenol	184	Compound Not Detected.					
99 4-Nitrophenol	109	Compound Not Detected.					
100 Pentachlorobenzene	250	Compound Not Detected.					
101 2,4-Dinitrotoluene	165	Compound Not Detected.					
102 Dibenzofuran	168	Compound Not Detected.					
103 1-Naphthylamine	143	Compound Not Detected.					
104 2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106 2-Naphthylamine	143	Compound Not Detected.					
107 Diethyl phthalate	149	Compound Not Detected.					
108 Thionazin	97	Compound Not Detected.					
109 4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110 Fluorene	166	Compound Not Detected.					
111 5-Nitro-o-toluidine	152	Compound Not Detected.					
112 4-Nitroaniline	138	Compound Not Detected.					
113 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115 N-nitrosodiphenylamine	169	Compound Not Detected.					
114 Diphenylamine	169	Compound Not Detected.					
116 Azobenzene	77	Compound Not Detected.					
234 1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117 Sulfotepp	97	Compound Not Detected.					
119 Diallate (#1)	86	Compound Not Detected.					
120 1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121 Phorate	121	Compound Not Detected.					
122 Phenacetin	108	Compound Not Detected.					
123 Diallate (#2)	86	Compound Not Detected.					
124 4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125 Hexachlorobenzene	284	Compound Not Detected.					
126 Dimethoate	87	Compound Not Detected.					
127 Atrazine	200	Compound Not Detected.					
129 Pentachlorophenol	266	Compound Not Detected.					
130 4-Aminobiphenyl	169	Compound Not Detected.					
131 Pentachloronitrobenzene	237	Compound Not Detected.					
132 Pronamide	173	Compound Not Detected.					
133 Disulfoton	88	Compound Not Detected.					
134 2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136 Phenanthrene	178	8.888	8.888	(1.003)	10554	0.83780	27.4690(a)
137 Anthracene	178	Compound Not Detected.					
140 Carbazole	167	Compound Not Detected.					
141 Alachlor	188	Compound Not Detected.					
142 Methyl parathion	109	Compound Not Detected.					
143 Di-n-butyl phthalate	149	Compound Not Detected.					
145 Parathion	109	Compound Not Detected.					
146 4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147 Methapyrilene	97	Compound Not Detected.					
148 Isodrin	193	Compound Not Detected.					
149 Fluoranthene	202	9.928	9.934	(1.120)	23677	1.62427	53.2547(a)
151 Benzidine	184	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
152	Pyrene	202	10.134	10.139	(0.908)	21922	1.42845	46.8344(a)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	11.144	11.156	(0.999)	13225	0.87239	28.6031(a)
167	Chrysene	228	11.180	11.191	(1.002)	15755	1.07308	35.1829(a)
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.049	12.066	(0.970)	27322	1.80664	59.2340(a)
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.366	12.390	(0.995)	12997	0.91915	30.1362(aQ)
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
188	Benzo(g,h,i)perylene	276	14.047	14.082	(1.131)	10412	0.74553	24.4435(a)
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

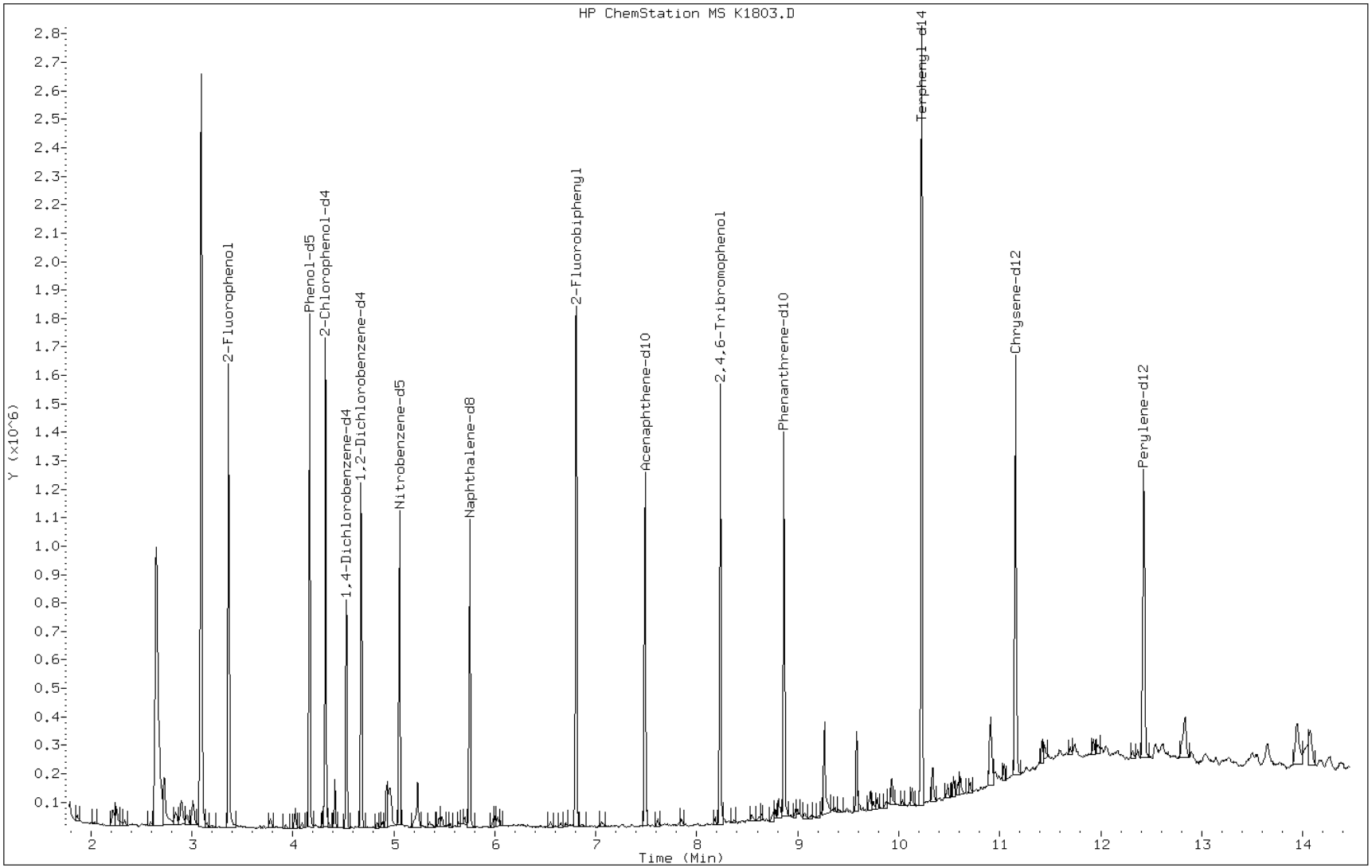
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD



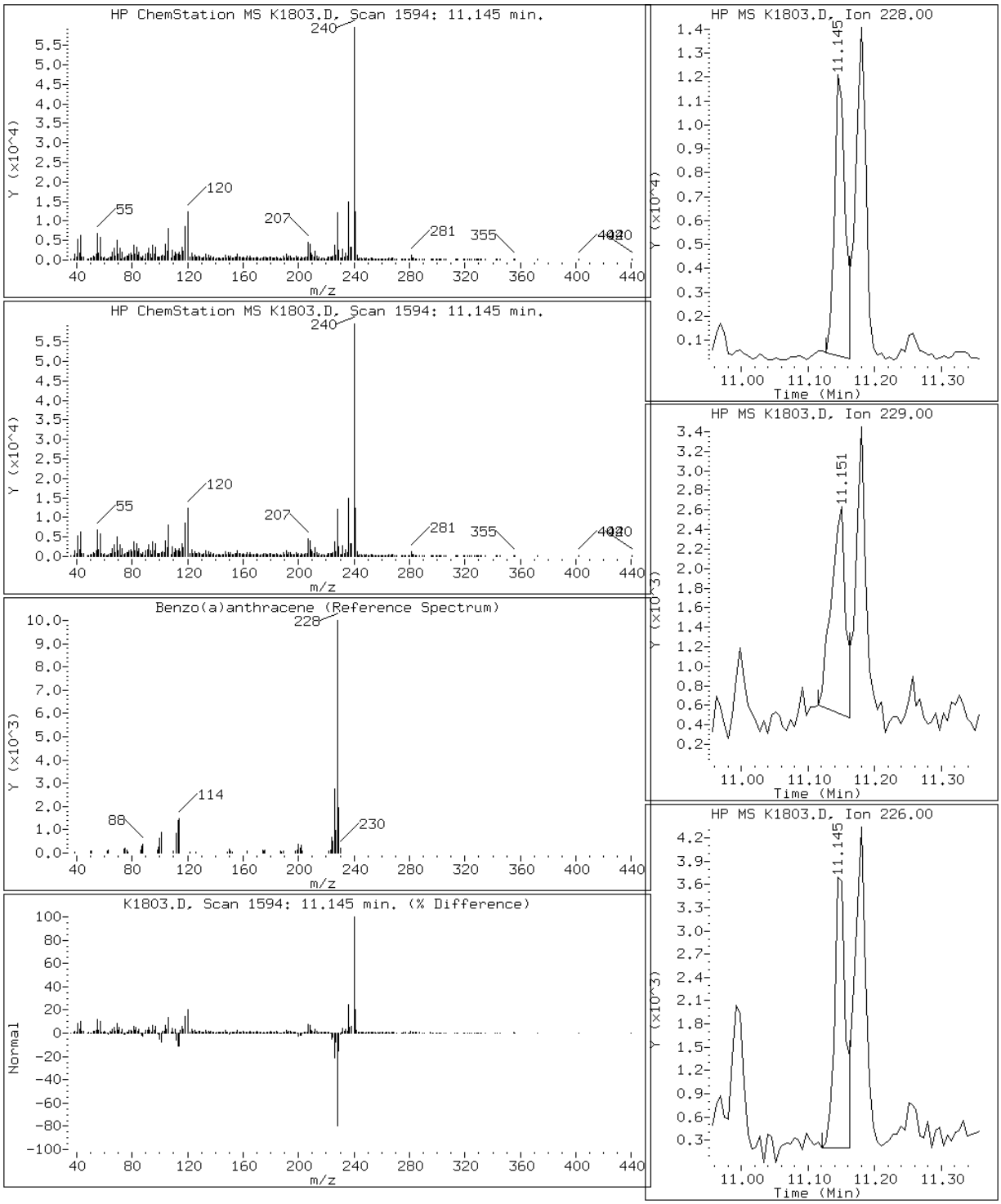
Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

165 Benzo(a)anthracene



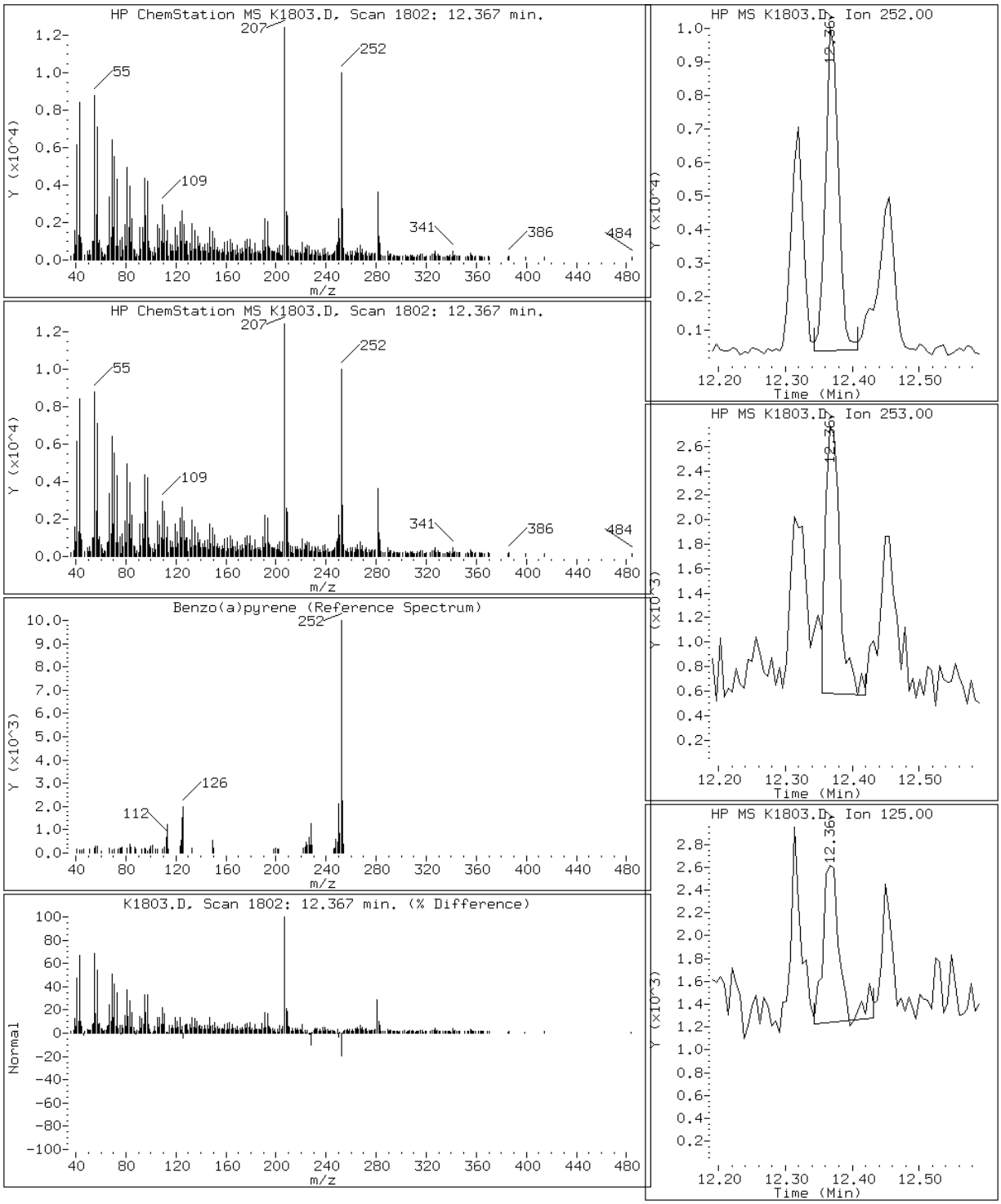
Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

178 Benzo(a)pyrene



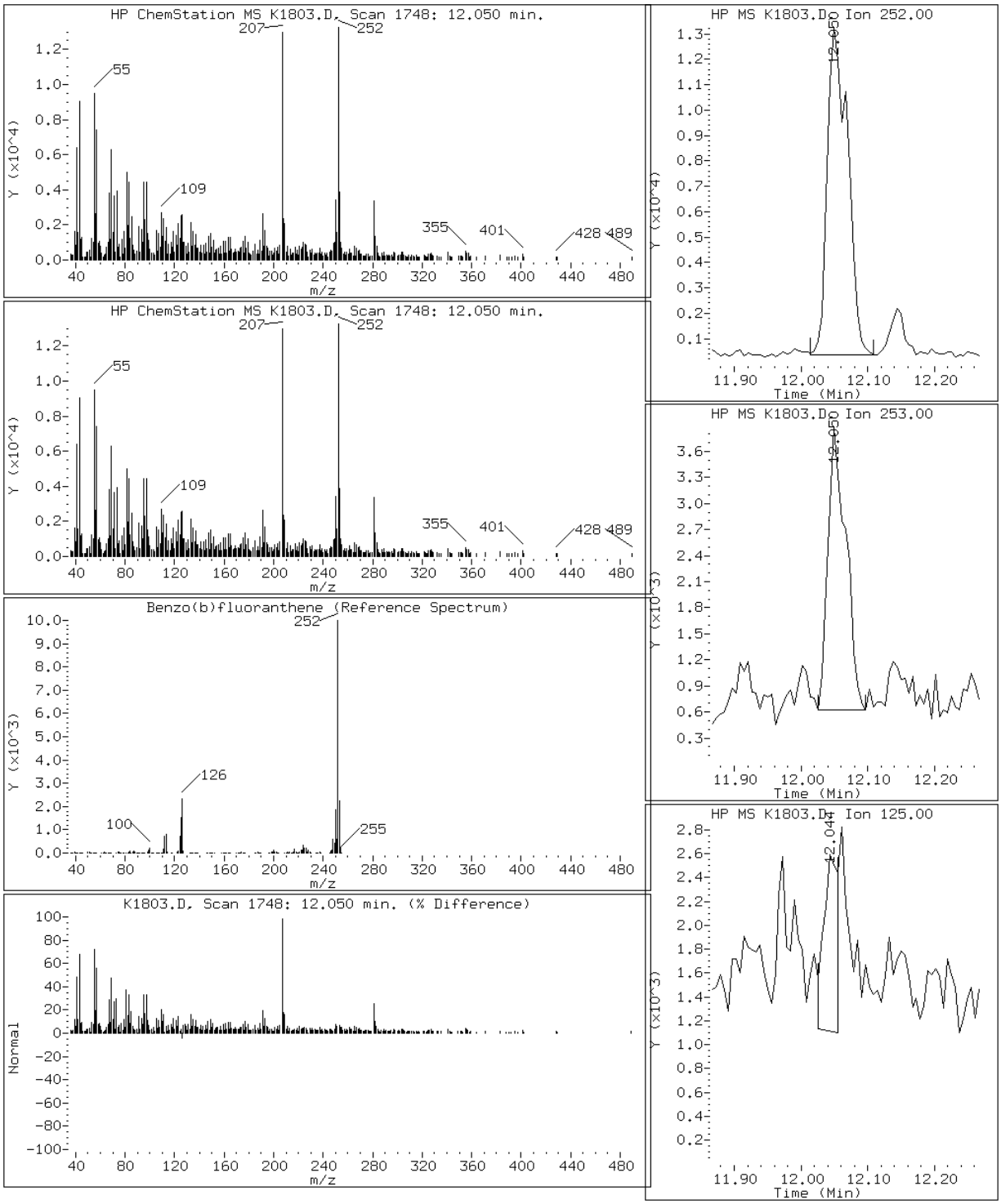
Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

171 Benzo(b)fluoranthene



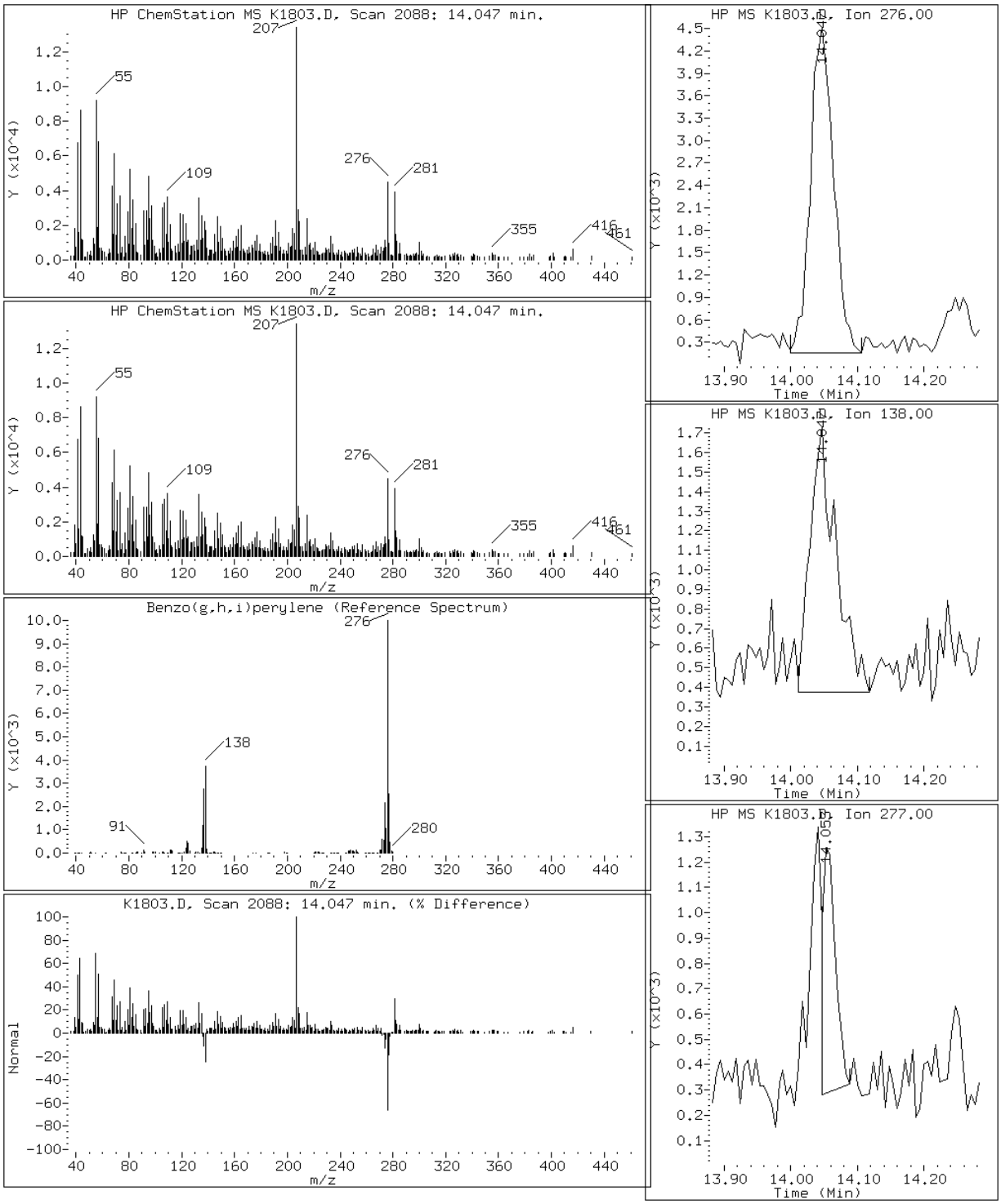
Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

188 Benzo(g,h,i)perylene



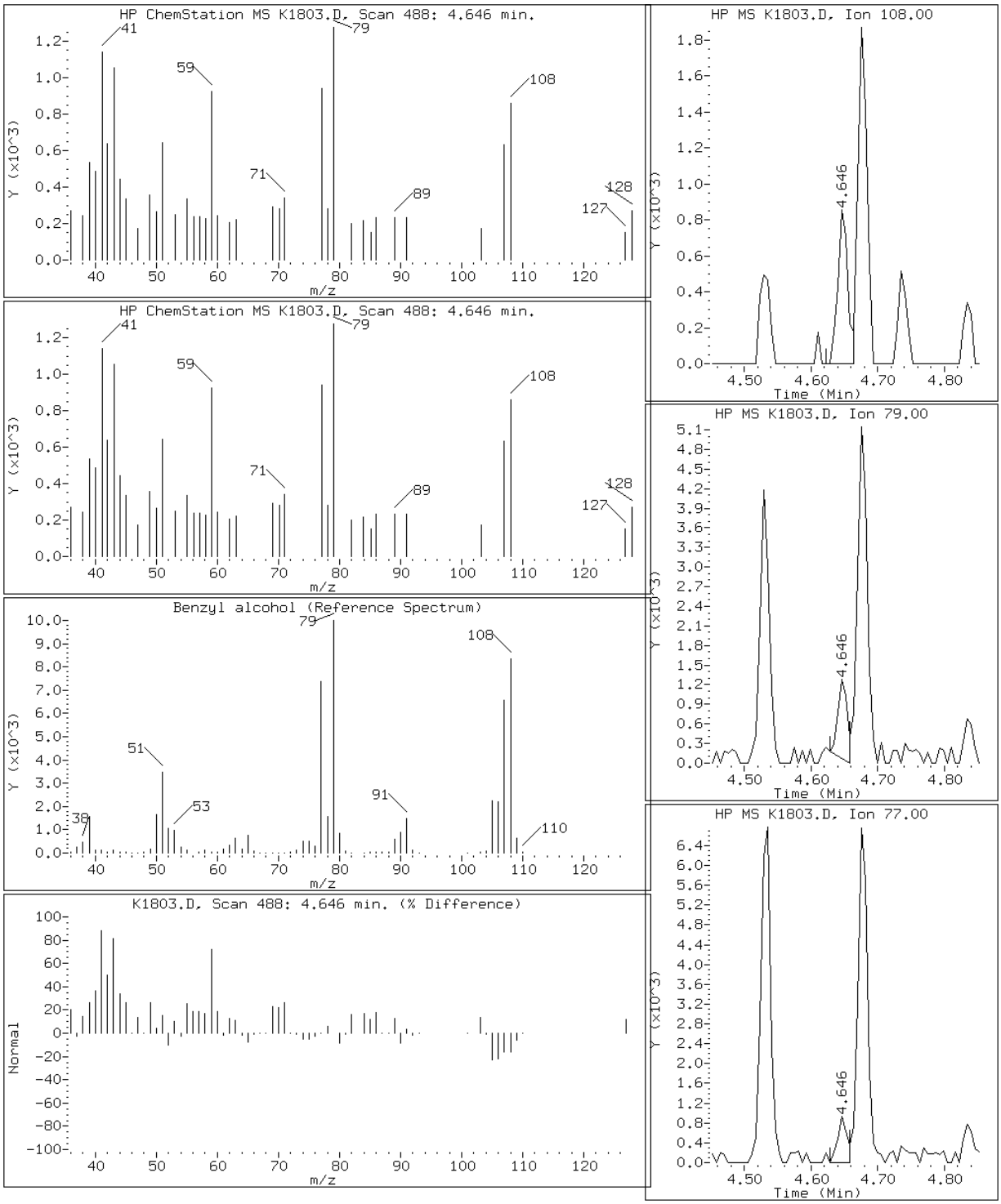
Data File: K1803.D

Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

28 Benzyl alcohol



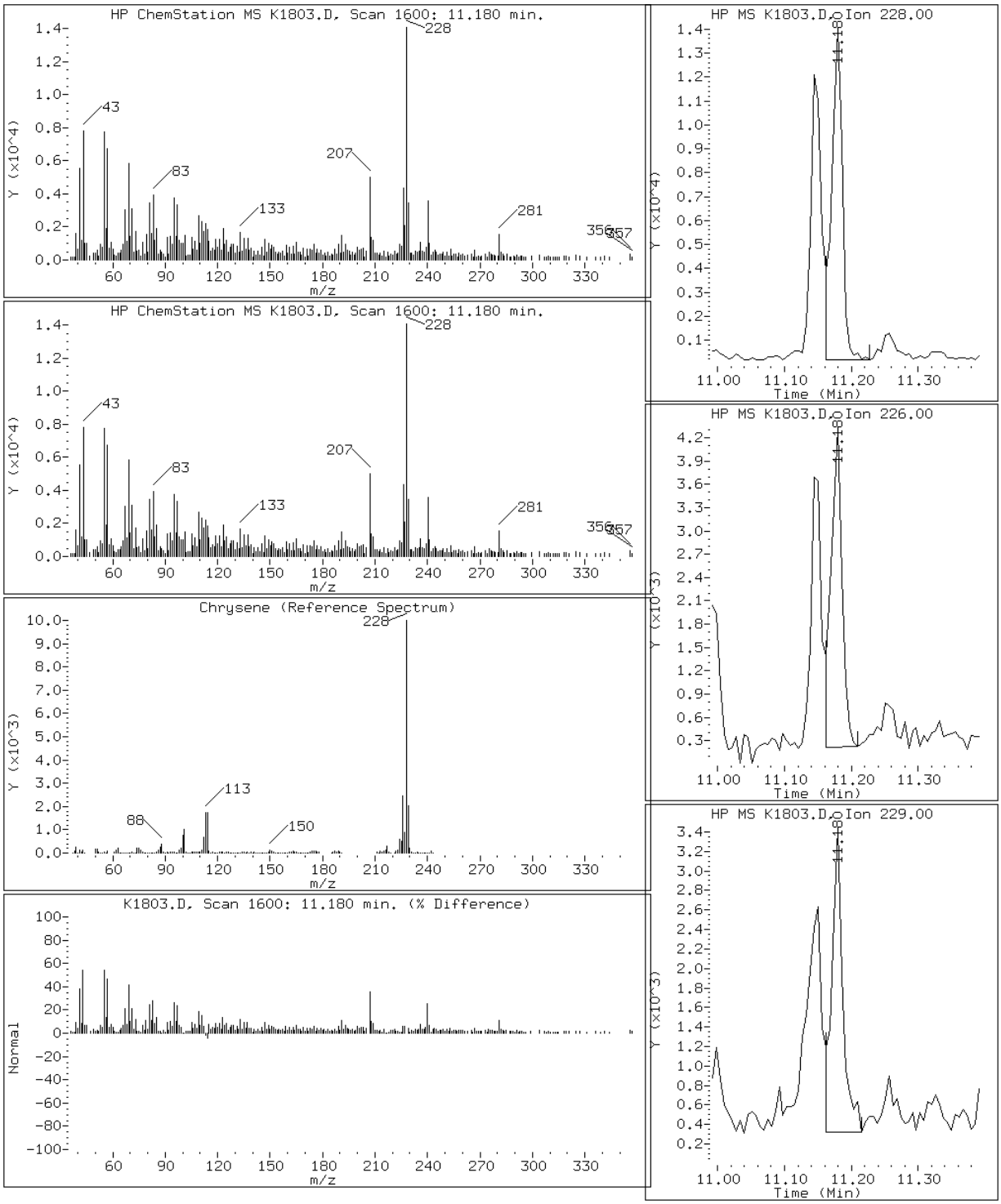
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Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

167 Chrysene



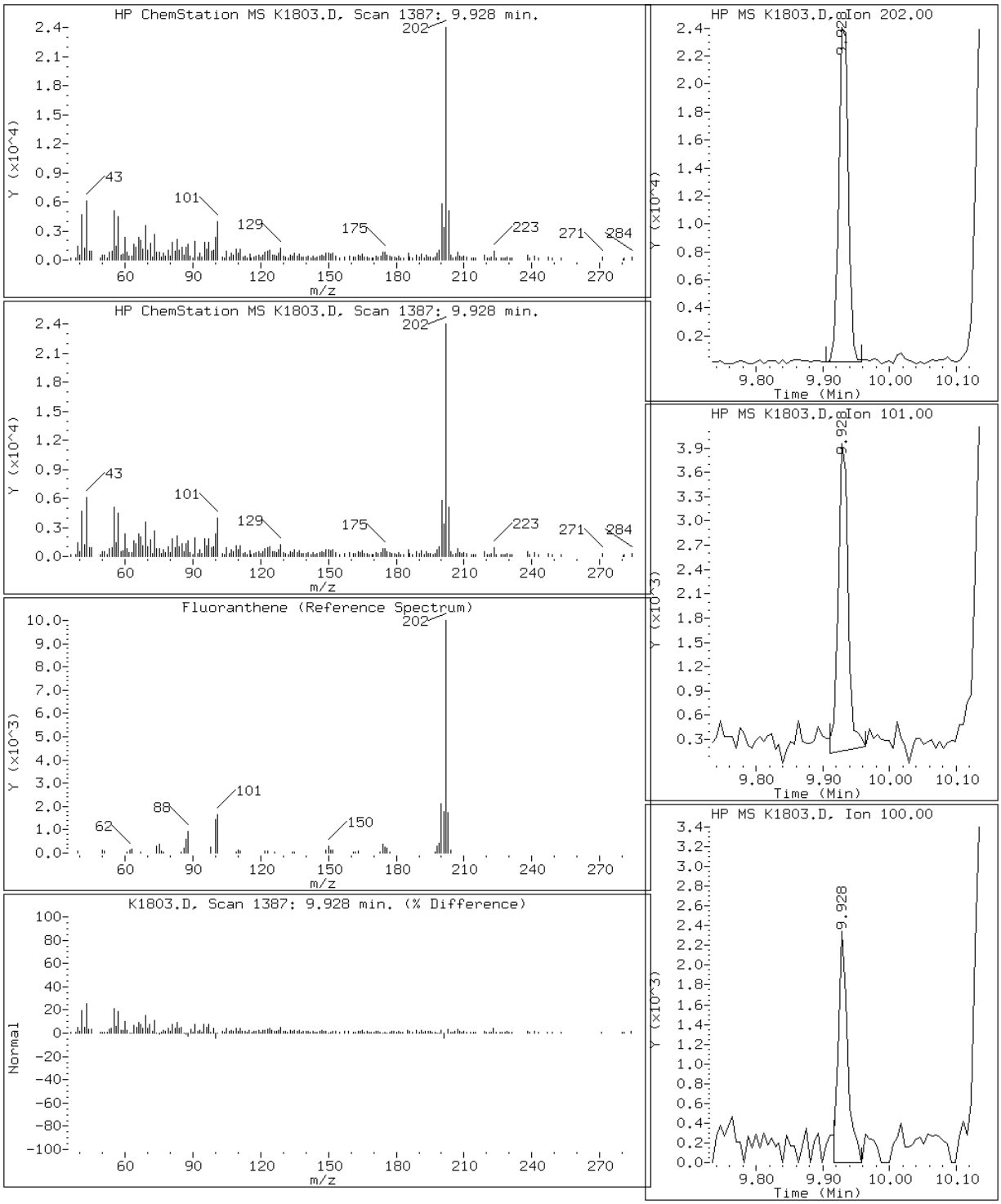
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Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

149 Fluoranthene



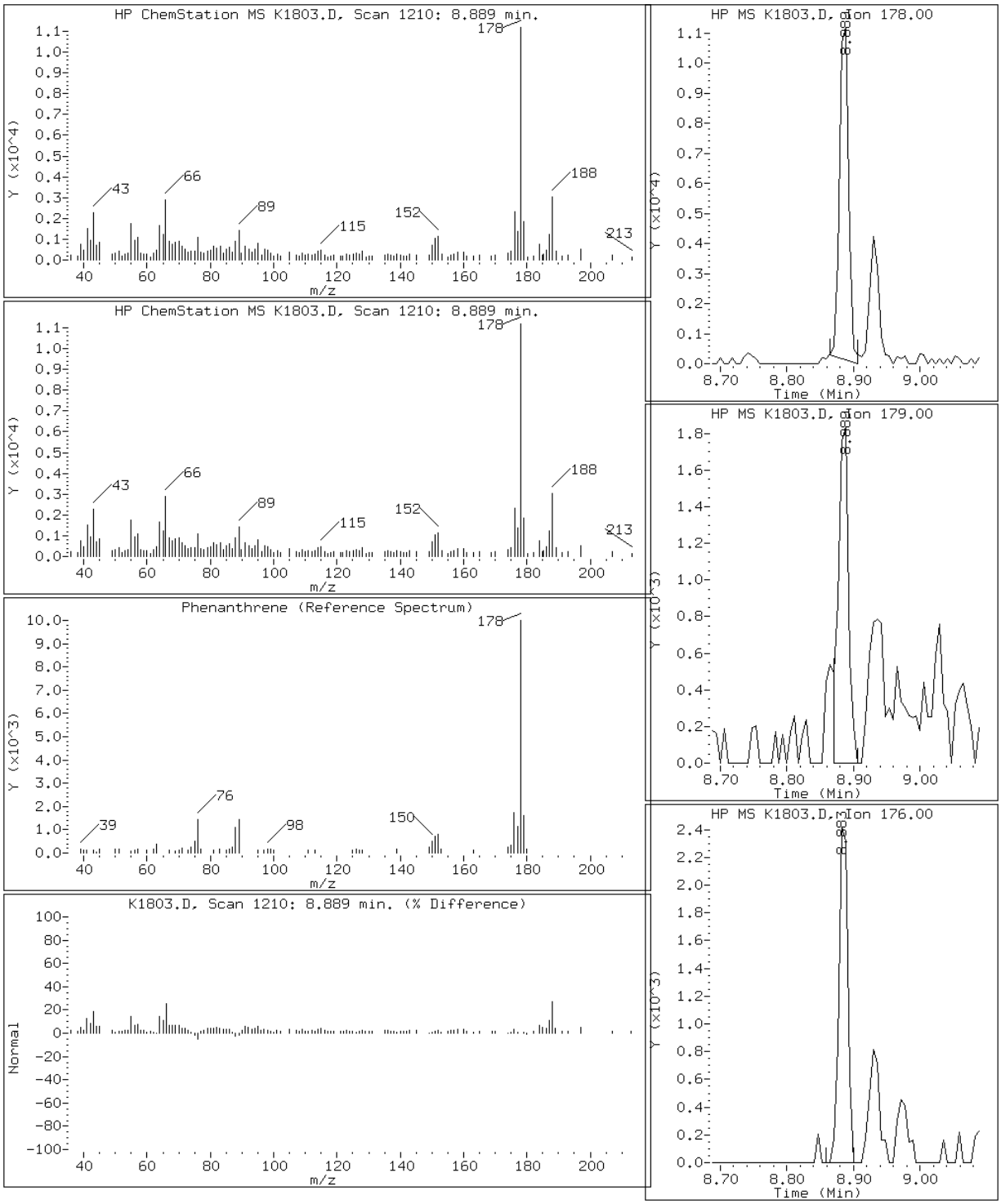
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Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

136 Phenanthrene



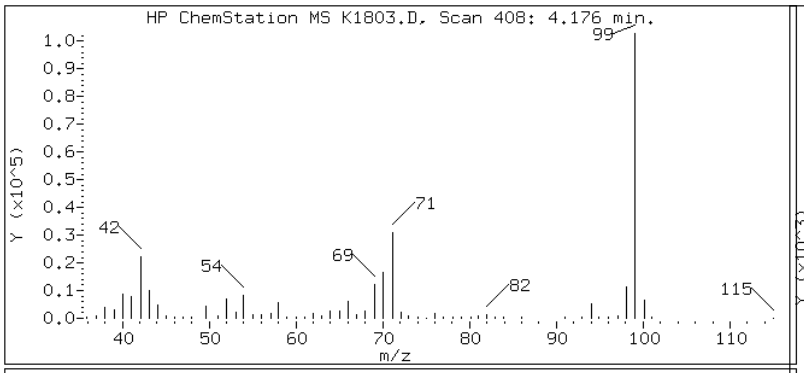
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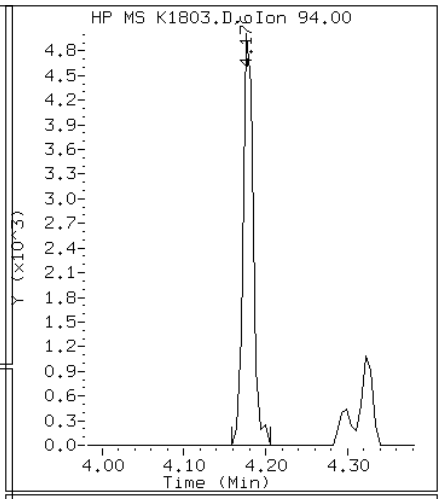
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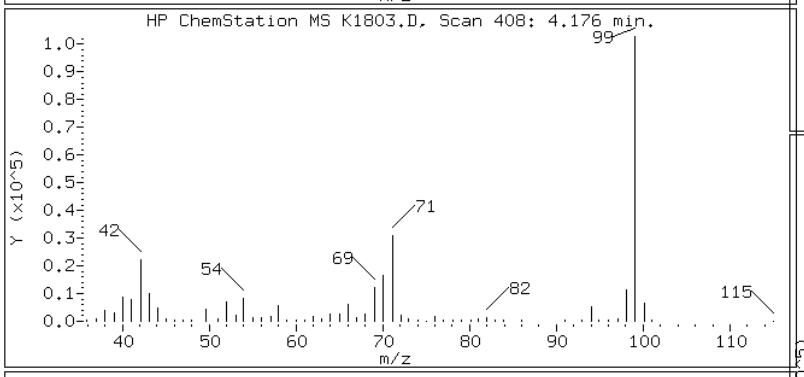
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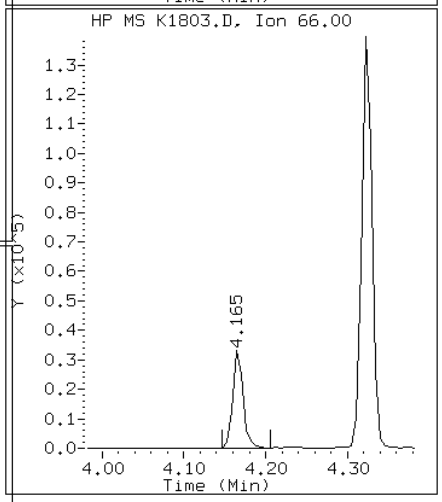
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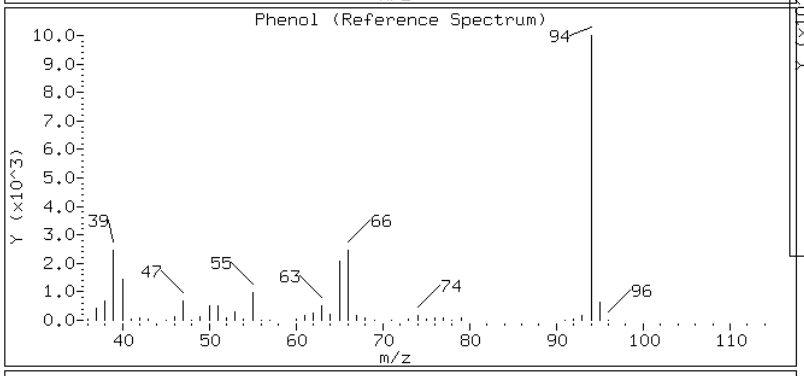
16 Phenol

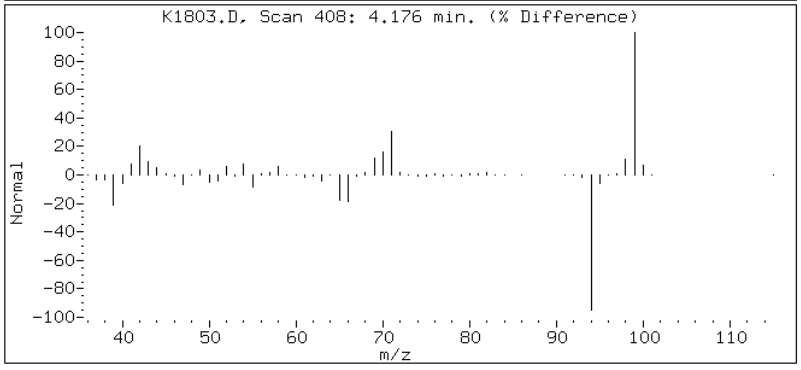












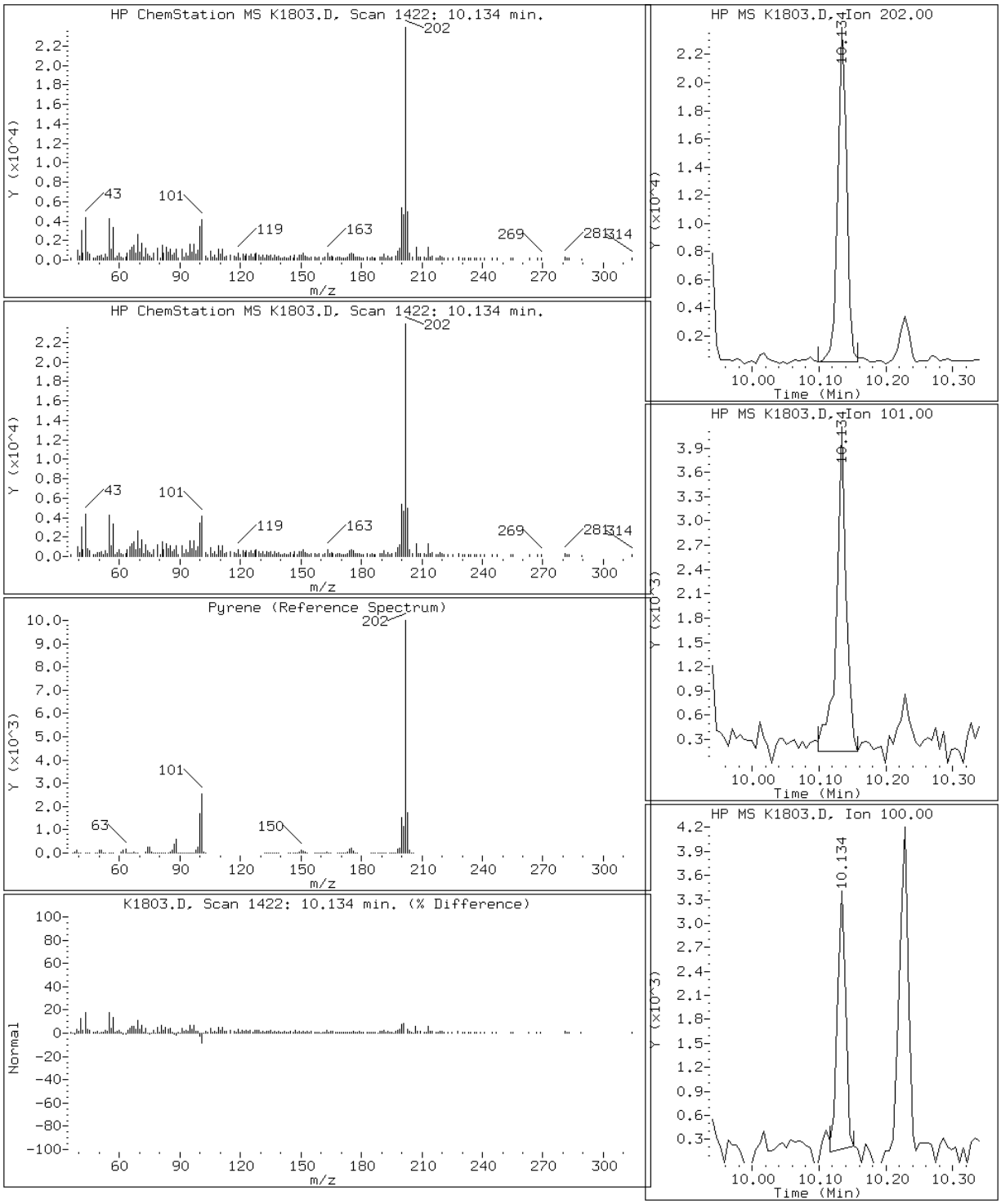
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Date: 21-SEP-2011 23:46

Client ID: TMCSD0301FA Instrument: K.i

Sample Info: 280-20042-A-3-D Operator: KIEKELD

152 Pyrene



Manual Integration Report

Data File: K1803.D
Inj. Date and Time: 21-SEP-2011 23:46
Instrument ID: K.i
Client ID: TMCSD0301FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

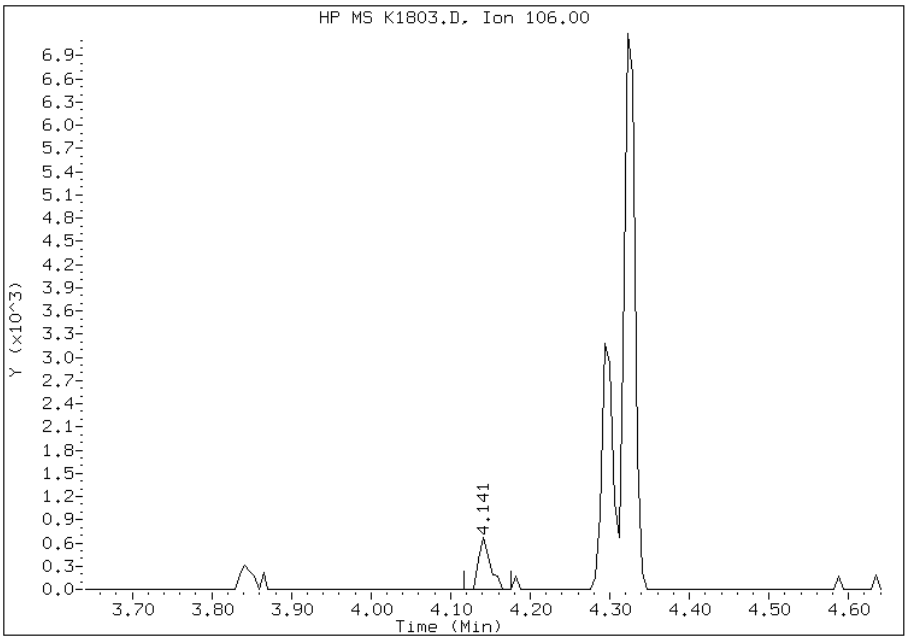
Processing Integration Results

RT: 4.14

Response: 651

Amount: 0

Conc: 8



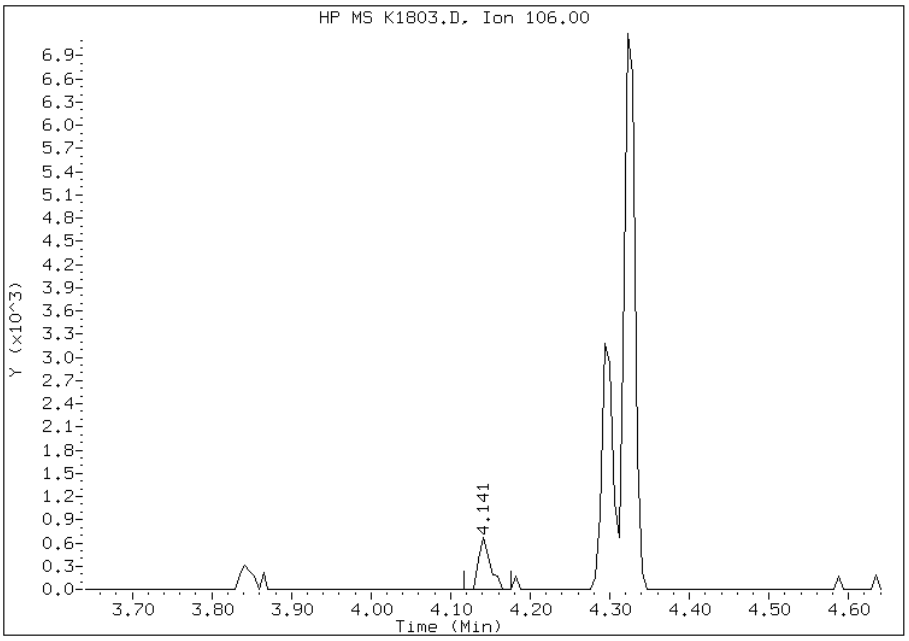
Manual Integration Results

RT: 4.14

Response: 651

Amount: 0

Conc: 8



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:17
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA | Lab Sample ID: 280-20042-4

Matrix: Solid | Lab File ID: K1804.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:50

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.1(g) | Date Analyzed: 09/22/2011 00:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	42	U	420	42	63
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	420	42	62
120-82-1	1,2,4-Trichlorobenzene	42	U	420	42	35
95-50-1	1,2-Dichlorobenzene	42	U	420	42	28
122-66-7	1,2-Diphenylhydrazine	42	U	420	42	28
541-73-1	1,3-Dichlorobenzene	42	U	420	42	15
106-46-7	1,4-Dichlorobenzene	42	U	420	42	17
108-60-1	2,2'-oxybis[1-chloropropane]	42	U	420	42	29
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	2000	42	170
95-95-4	2,4,5-Trichlorophenol	160	U	420	160	13
88-06-2	2,4,6-Trichlorophenol	84	U	420	84	13
120-83-2	2,4-Dichlorophenol	84	U	420	84	13
105-67-9	2,4-Dimethylphenol	160	U	420	160	84
51-28-5	2,4-Dinitrophenol	850	U	2000	850	420
121-14-2	2,4-Dinitrotoluene	160	U	420	160	84
87-65-0	2,6-Dichlorophenol	160	U	420	160	87
606-20-2	2,6-Dinitrotoluene	84	U	420	84	35
91-58-7	2-Chloronaphthalene	42	U	420	42	13
95-57-8	2-Chlorophenol	42	U	420	42	27
91-57-6	2-Methylnaphthalene	42	U	420	42	24
95-48-7	2-Methylphenol	42	U	420	42	16
88-74-4	2-Nitroaniline	84	U	2000	84	63
88-75-5	2-Nitrophenol	84	U	420	84	13
15831-10-4	3 & 4 Methylphenol	84	U	420	84	42
91-94-1	3,3'-Dichlorobenzidine	420	U	2000	420	110
99-09-2	3-Nitroaniline	170	U	2000	170	92
534-52-1	4,6-Dinitro-2-methylphenol	840	U	2000	840	420
101-55-3	4-Bromophenyl phenyl ether	42	U	420	42	24
59-50-7	4-Chloro-3-methylphenol	160	U	420	160	84
106-47-8	4-Chloroaniline	160	U	420	160	100
7005-72-3	4-Chlorophenyl phenyl ether	84	U	420	84	27
100-01-6	4-Nitroaniline	160	U	2000	160	92
100-02-7	4-Nitrophenol	420	U	2000	420	120
83-32-9	Acenaphthene	22	U	420	22	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA | Lab Sample ID: 280-20042-4

Matrix: Solid | Lab File ID: K1804.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:50

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.1(g) | Date Analyzed: 09/22/2011 00:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	42	U	420	42	22
98-86-2	Acetophenone	42	U	420	42	25
120-12-7	Anthracene	42	U	420	42	22
1912-24-9	Atrazine	160	U	420	160	47
100-52-7	Benzaldehyde	85	U M	420	85	49
92-87-5	Benzidine	5000	U	5100	5000	1300
56-55-3	Benzo[a]anthracene	59	J	420	42	25
50-32-8	Benzo[a]pyrene	61	J	420	42	25
205-99-2	Benzo[b]fluoranthene	110	J K	420	42	33
191-24-2	Benzo[g,h,i]perylene	43	J	420	42	20
207-08-9	Benzo[k]fluoranthene	84	U K	420	84	51
65-85-0	Benzoic acid	840	U	2000	840	420
100-51-6	Benzyl alcohol	13	J	420	42	13
111-91-1	Bis(2-chloroethoxy)methane	84	U	420	84	29
111-44-4	Bis(2-chloroethyl)ether	42	U	420	42	21
117-81-7	Bis(2-ethylhexyl) phthalate	88	J	420	84	58
85-68-7	Butyl benzyl phthalate	84	U	420	84	54
105-60-2	Caprolactam	420	U	2000	420	130
86-74-8	Carbazole	85	U	420	85	46
218-01-9	Chrysene	77	J	420	42	34
53-70-3	Dibenz(a,h)anthracene	42	U	420	42	24
132-64-9	Dibenzofuran	42	U	420	42	25
84-66-2	Diethyl phthalate	42	U	840	42	33
131-11-3	Dimethyl phthalate	42	U	420	42	29
84-74-2	Di-n-butyl phthalate	42	U	420	42	37
117-84-0	Di-n-octyl phthalate	84	U	420	84	18
206-44-0	Fluoranthene	120	J	420	84	46
86-73-7	Fluorene	42	U	420	42	23
118-74-1	Hexachlorobenzene	84	U	420	84	37
87-68-3	Hexachlorobutadiene	84	U	420	84	13
77-47-4	Hexachlorocyclopentadiene	84	U	2200	84	63
67-72-1	Hexachloroethane	42	U	420	42	27
193-39-5	Indeno[1,2,3-cd]pyrene	35	J	420	42	28
78-59-1	Isophorone	42	U	420	42	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA | Lab Sample ID: 280-20042-4

Matrix: Solid | Lab File ID: K1804.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:50

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.1(g) | Date Analyzed: 09/22/2011 00:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	84	U	420	84	39
98-95-3	Nitrobenzene	42	U	420	42	28
62-75-9	N-Nitrosodimethylamine	84	U	660	84	47
621-64-7	N-Nitrosodi-n-propylamine	84	U	420	84	39
86-30-6	N-Nitrosodiphenylamine	42	U	420	42	27
930-55-2	N-Nitrosopyrrolidine	160	U	420	160	81
87-86-5	Pentachlorophenol	850	U	2000	850	420
85-01-8	Phenanthrene	64	J	420	42	22
108-95-2	Phenol	31	J	420	42	23
129-00-0	Pyrene	110	J	510	42	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	87		35-125
321-60-8	2-Fluorobiphenyl	79		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	77		35-100
4165-62-2	Phenol-d5 (Surr)	78		40-100
1718-51-0	Terphenyl-d14 (Surr)	86		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1804.D
Lab Smp Id: 280-20042-A-4-D Client Smp ID: TMCSD0401FA
Inj Date : 22-SEP-2011 00:06
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-4-D
Misc Info : 280-20042-A-4-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	31.100	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	229143	40.0000	
* 58 Naphthalene-d8	136	5.756	5.750	(1.000)	882153	40.0000	
* 96 Acenaphthene-d10	164	7.490	7.489	(1.000)	519255	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	871946	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	995093	40.0000	
* 179 Perylene-d12	264	12.431	12.437	(1.000)	1000252	40.0000	
$ 8 2-Fluorophenol	112	3.365	3.353	(0.742)	850756	109.330	3515.42
$ 15 Phenol-d5	99	4.170	4.164	(0.920)	1096206	117.127	3766.13
$ 43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	622397	76.7844	2468.95
$ 81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1330646	78.7464	2532.04
$ 118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	387595	131.103	4215.53
$ 154 Terphenyl-d14	244	10.228	10.227	(0.916)	1633390	85.5452	2750.65
$ 29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	394817	70.6460	2271.58
$ 22 2-Chlorophenol-d4	132	4.329	4.328	(0.955)	905525	120.524	3875.38
4 1,4-Dioxane	88	Compound Not Detected.					
5 N-Nitrosodimethylamine	74	Compound Not Detected.					
6 Pyridine	79	Compound Not Detected.					
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					
16 Phenol	94	4.182	4.181	(0.922)	7140	0.73152	23.5216(aQ)
18 Aniline	93	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	4.646	4.651	(1.025)	1603	0.30622	9.84644(a)
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					
89	1,4-Naphthoquinone	158	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
90 1,4-Dinitrobenzene	168	Compound Not Detected.					
91 Dimethyl phthalate	163	Compound Not Detected.					
92 1,3-Dinitrobenzene	168	Compound Not Detected.					
93 2,6-Dinitrotoluene	165	Compound Not Detected.					
94 Acenaphthylene	152	Compound Not Detected.					
95 3-Nitroaniline	138	Compound Not Detected.					
97 Acenaphthene	153	Compound Not Detected.					
98 2,4-Dinitrophenol	184	Compound Not Detected.					
99 4-Nitrophenol	109	Compound Not Detected.					
100 Pentachlorobenzene	250	Compound Not Detected.					
101 2,4-Dinitrotoluene	165	Compound Not Detected.					
102 Dibenzofuran	168	Compound Not Detected.					
103 1-Naphthylamine	143	Compound Not Detected.					
104 2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106 2-Naphthylamine	143	Compound Not Detected.					
107 Diethyl phthalate	149	Compound Not Detected.					
108 Thionazin	97	Compound Not Detected.					
109 4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110 Fluorene	166	Compound Not Detected.					
111 5-Nitro-o-toluidine	152	Compound Not Detected.					
112 4-Nitroaniline	138	Compound Not Detected.					
113 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115 N-nitrosodiphenylamine	169	Compound Not Detected.					
114 Diphenylamine	169	Compound Not Detected.					
116 Azobenzene	77	Compound Not Detected.					
234 1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117 Sulfotepp	97	Compound Not Detected.					
119 Diallate (#1)	86	Compound Not Detected.					
120 1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121 Phorate	121	Compound Not Detected.					
122 Phenacetin	108	Compound Not Detected.					
123 Diallate (#2)	86	Compound Not Detected.					
124 4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125 Hexachlorobenzene	284	Compound Not Detected.					
126 Dimethoate	87	Compound Not Detected.					
127 Atrazine	200	Compound Not Detected.					
129 Pentachlorophenol	266	Compound Not Detected.					
130 4-Aminobiphenyl	169	Compound Not Detected.					
131 Pentachloronitrobenzene	237	Compound Not Detected.					
132 Pronamide	173	Compound Not Detected.					
133 Disulfoton	88	Compound Not Detected.					
134 2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136 Phenanthrene	178	8.888	8.888	(1.003)	35661	1.52747	49.1147(a)
137 Anthracene	178	Compound Not Detected.					
140 Carbazole	167	Compound Not Detected.					
141 Alachlor	188	Compound Not Detected.					
142 Methyl parathion	109	Compound Not Detected.					
143 Di-n-butyl phthalate	149	Compound Not Detected.					
145 Parathion	109	Compound Not Detected.					
146 4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147 Methapyrilene	97	Compound Not Detected.					
148 Isodrin	193	Compound Not Detected.					
149 Fluoranthene	202	9.928	9.934	(1.120)	77421	2.86579	92.1474(a)
151 Benzidine	184	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
152	Pyrene	202	10.134	10.139	(0.908)	69912	2.51426	80.8445(a)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	11.044	11.050	(0.989)	29529	2.08303	66.9785(a)
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	11.150	11.156	(0.999)	38664	1.40766	45.2625(aQ)
167	Chrysene	228	11.179	11.191	(1.002)	48305	1.81585	58.3875(a)
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.049	12.066	(0.969)	77499	2.70129	86.8581(a)
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.372	12.390	(0.995)	39026	1.45484	46.7794(a)
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	13.665	13.694	(1.224)	25397	0.82628	26.5684(a)
188	Benzo(g,h,i)perylene	276	14.064	14.082	(1.131)	27247	1.02841	33.0677(a)
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

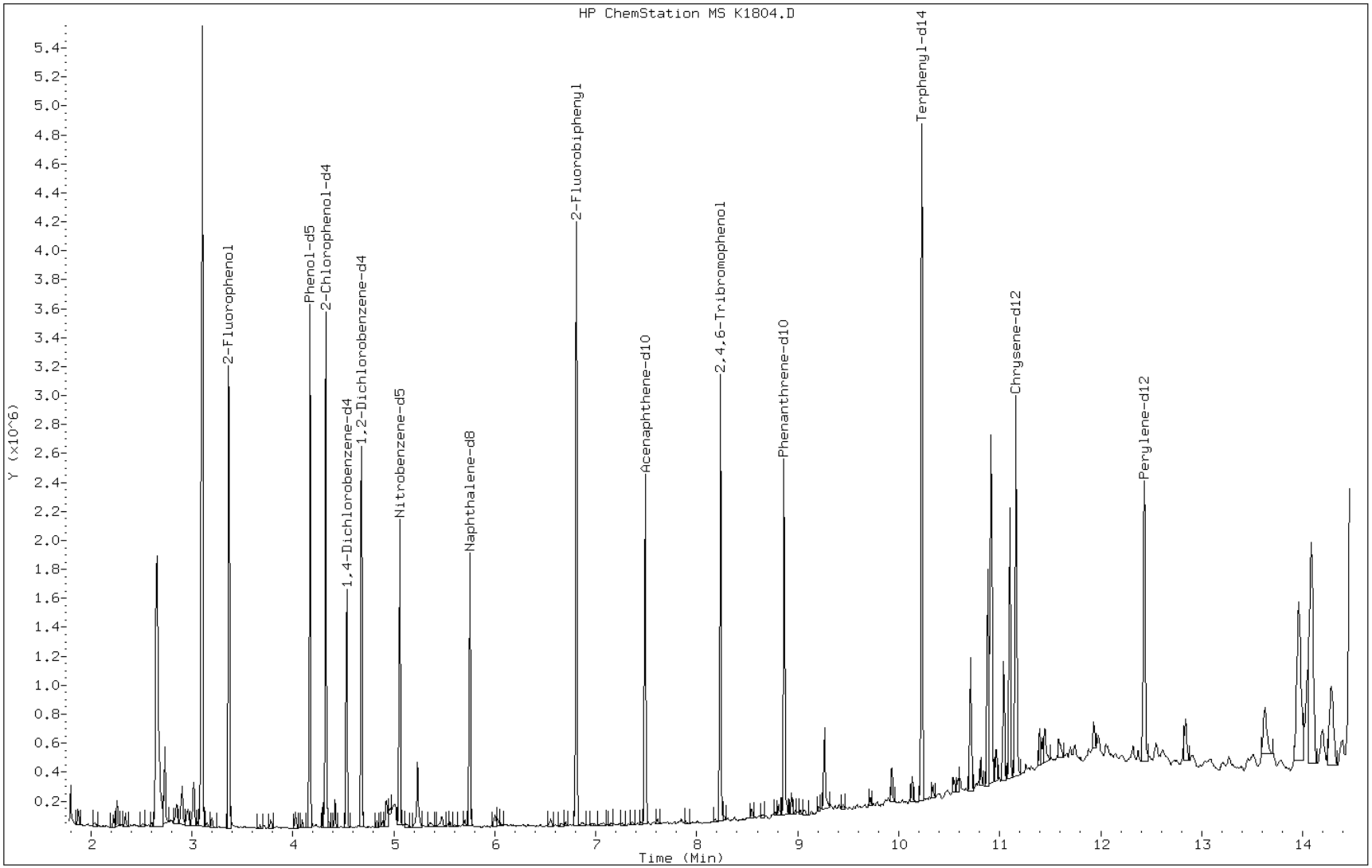
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD



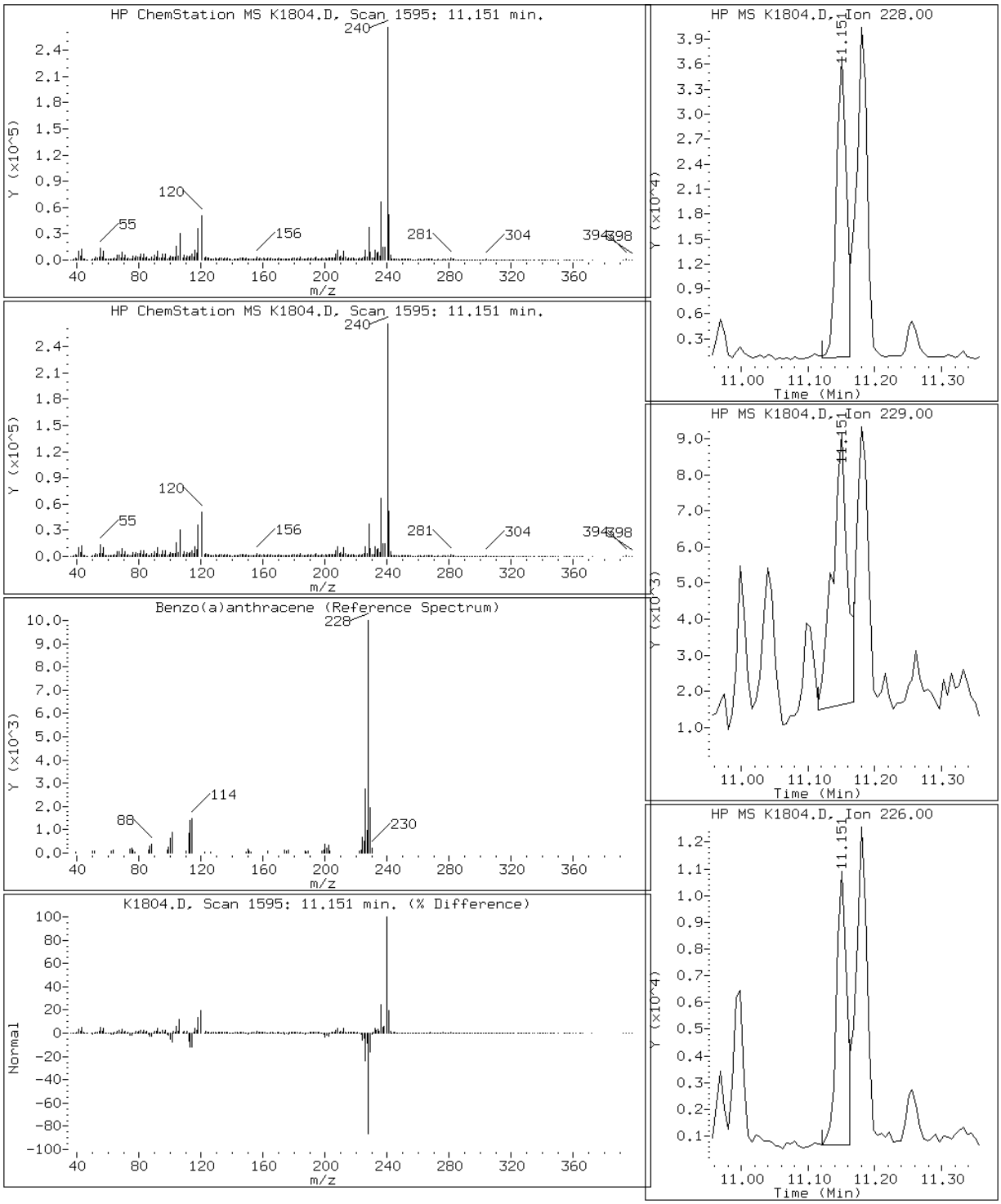
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

165 Benzo(a)anthracene



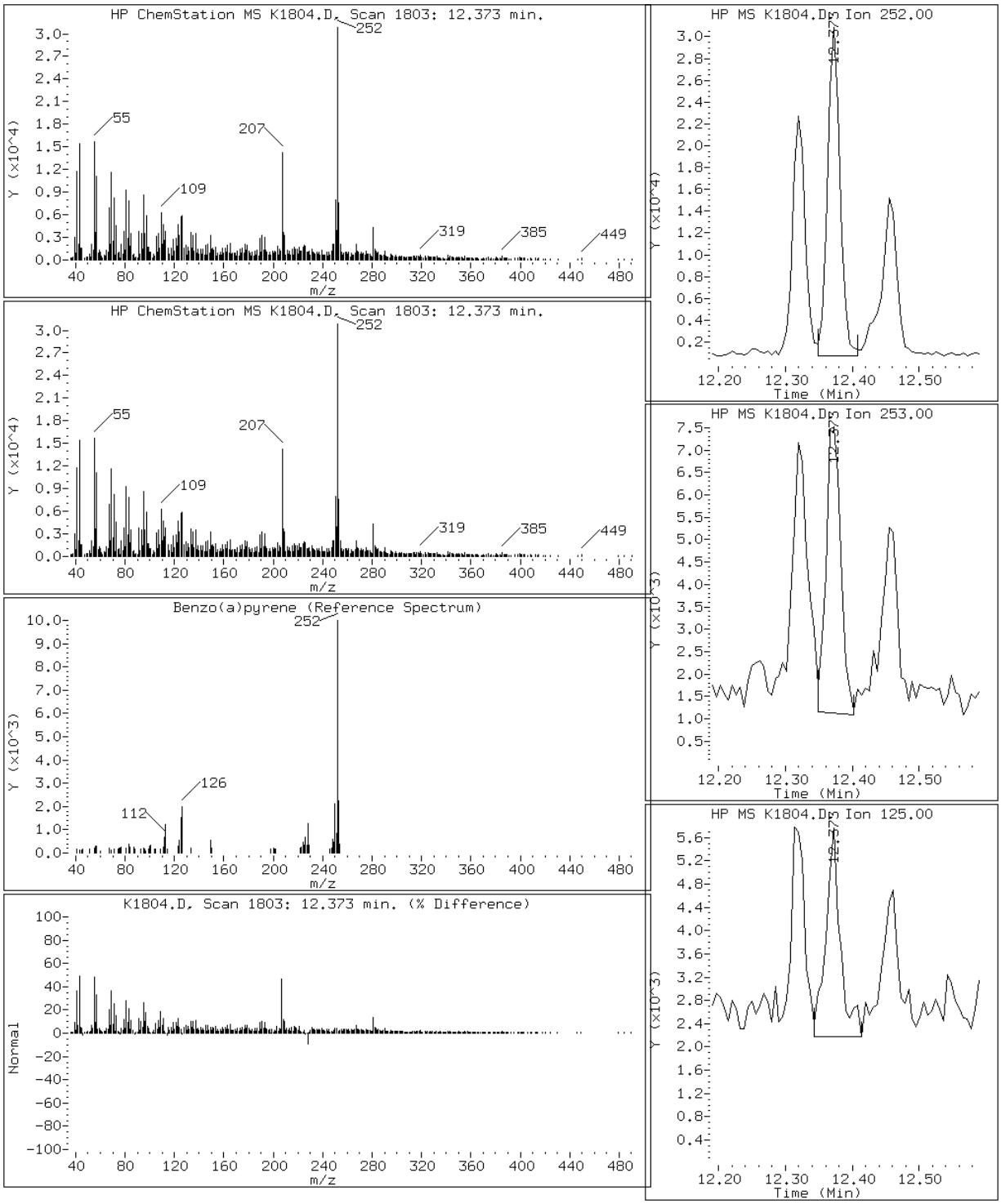
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

178 Benzo(a)pyrene



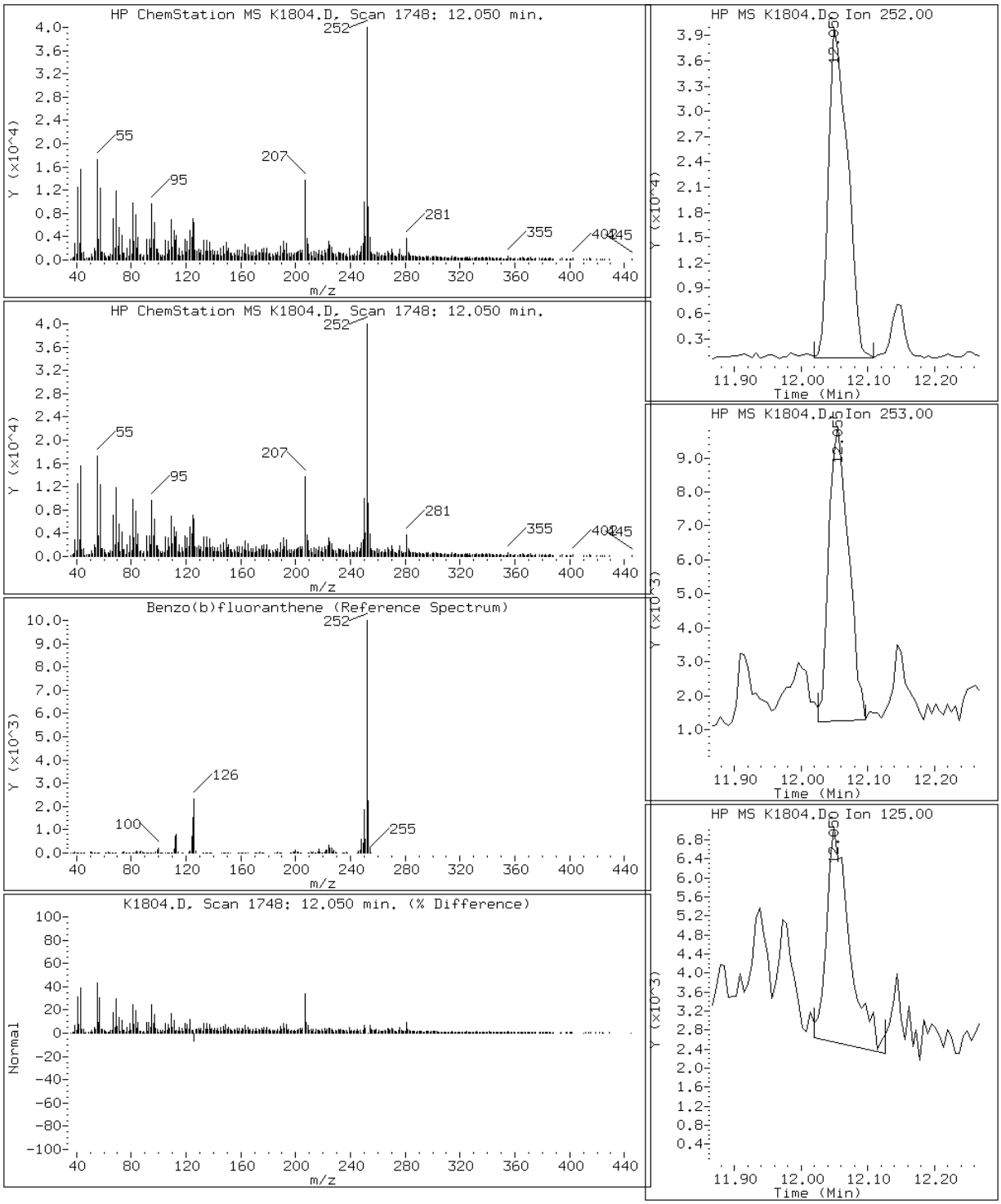
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

171 Benzo(b)fluoranthene



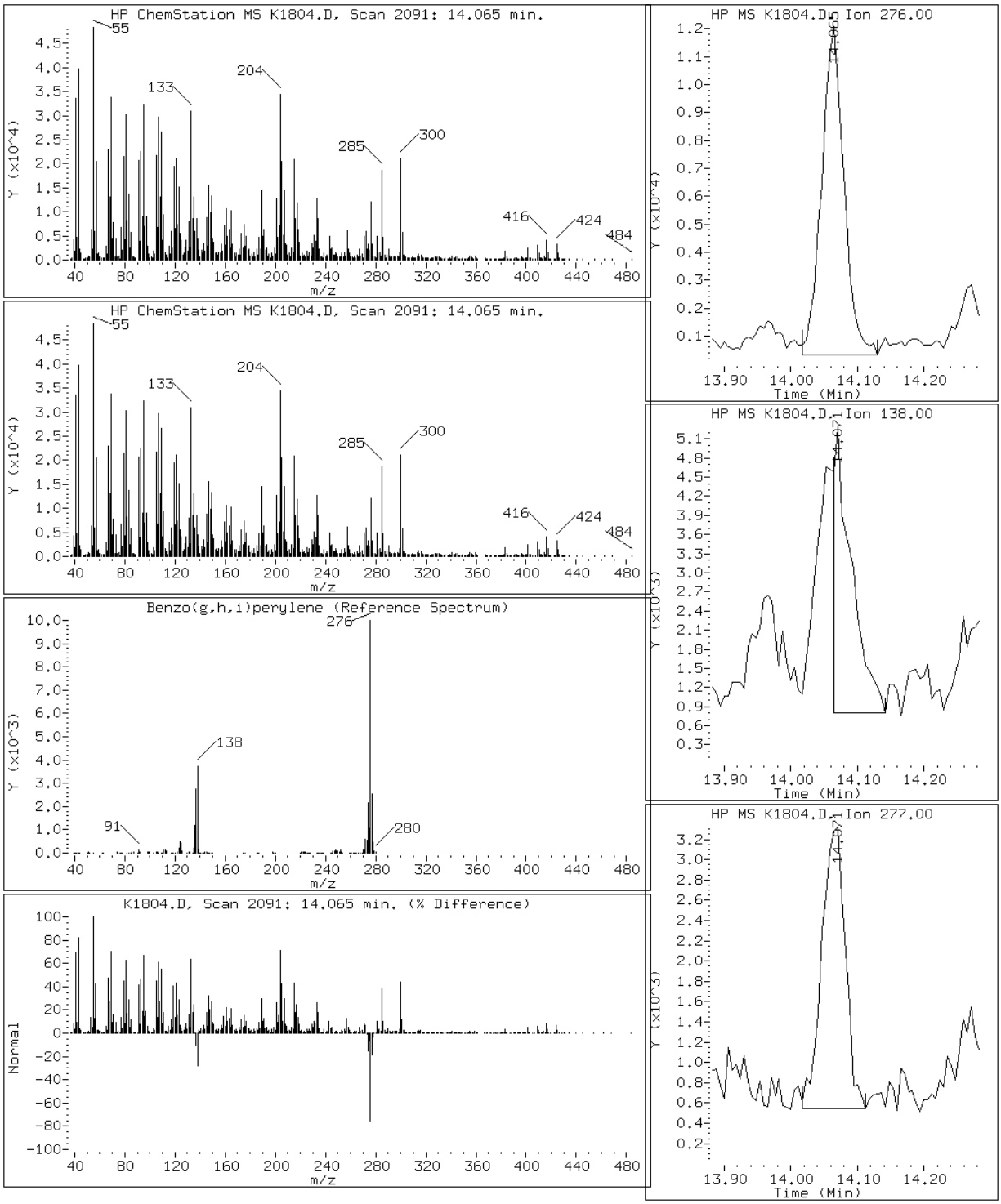
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

188 Benzo(g,h,i)perylene



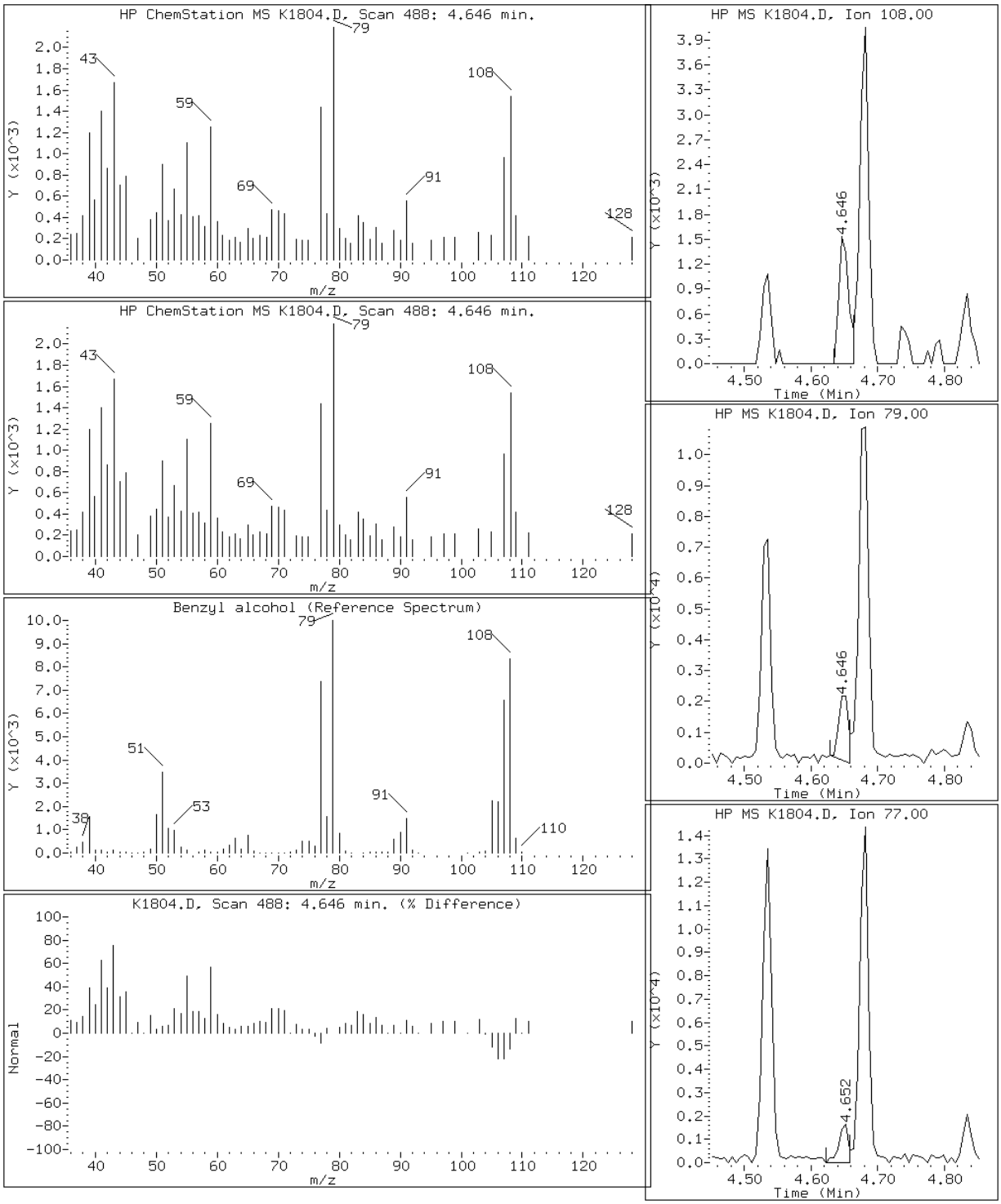
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

28 Benzyl alcohol



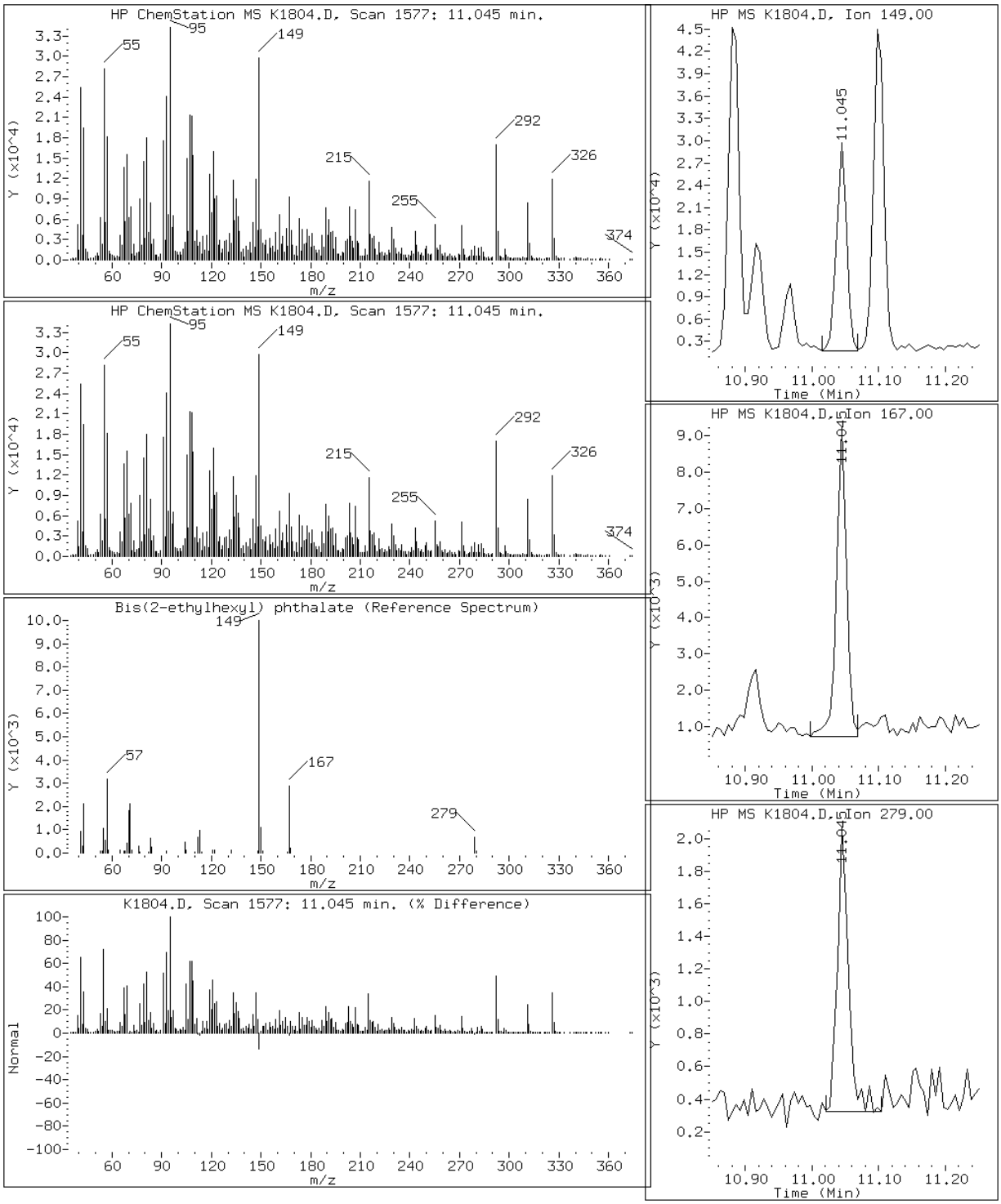
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

162 Bis(2-ethylhexyl) phthalate



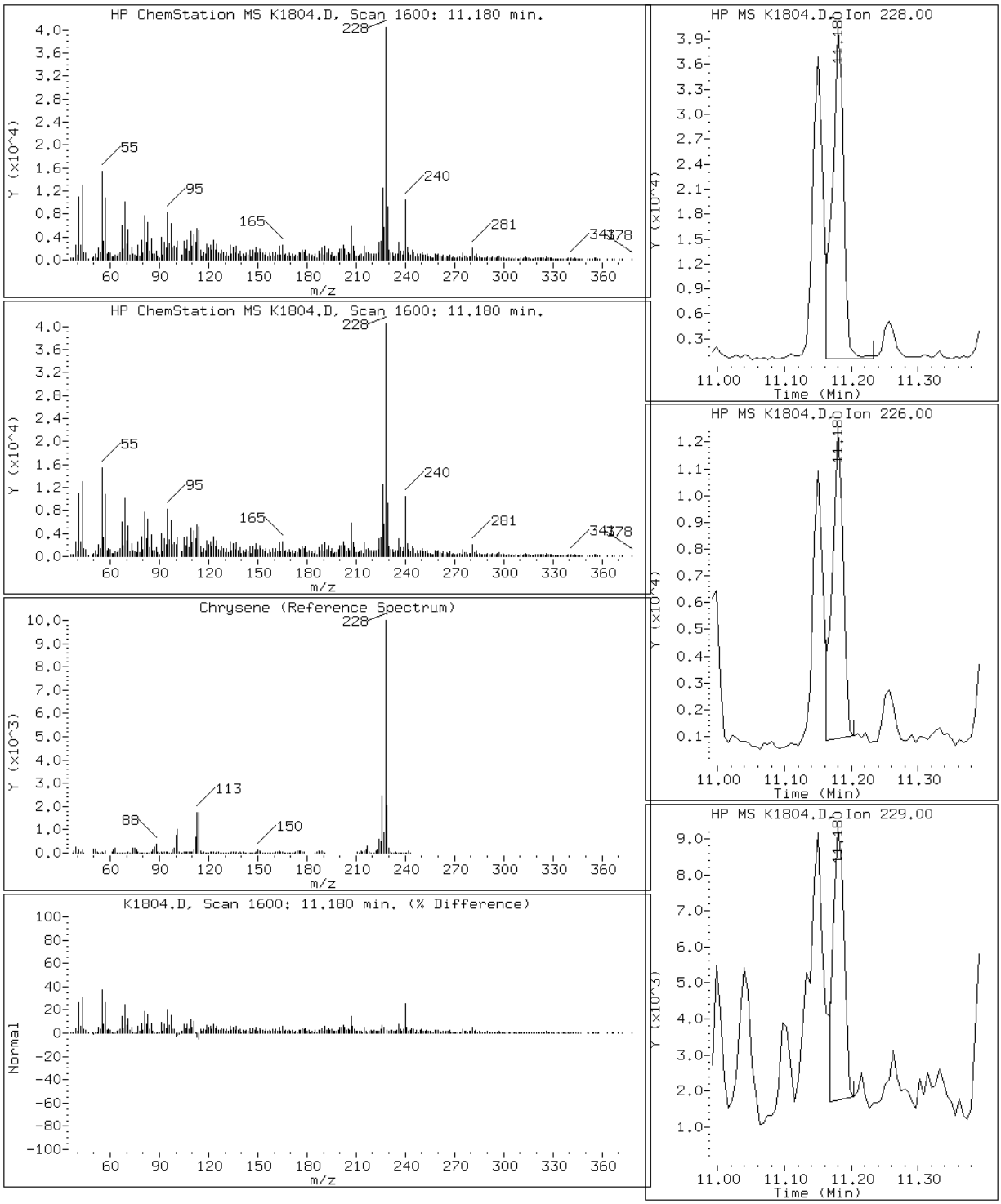
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

167 Chrysene



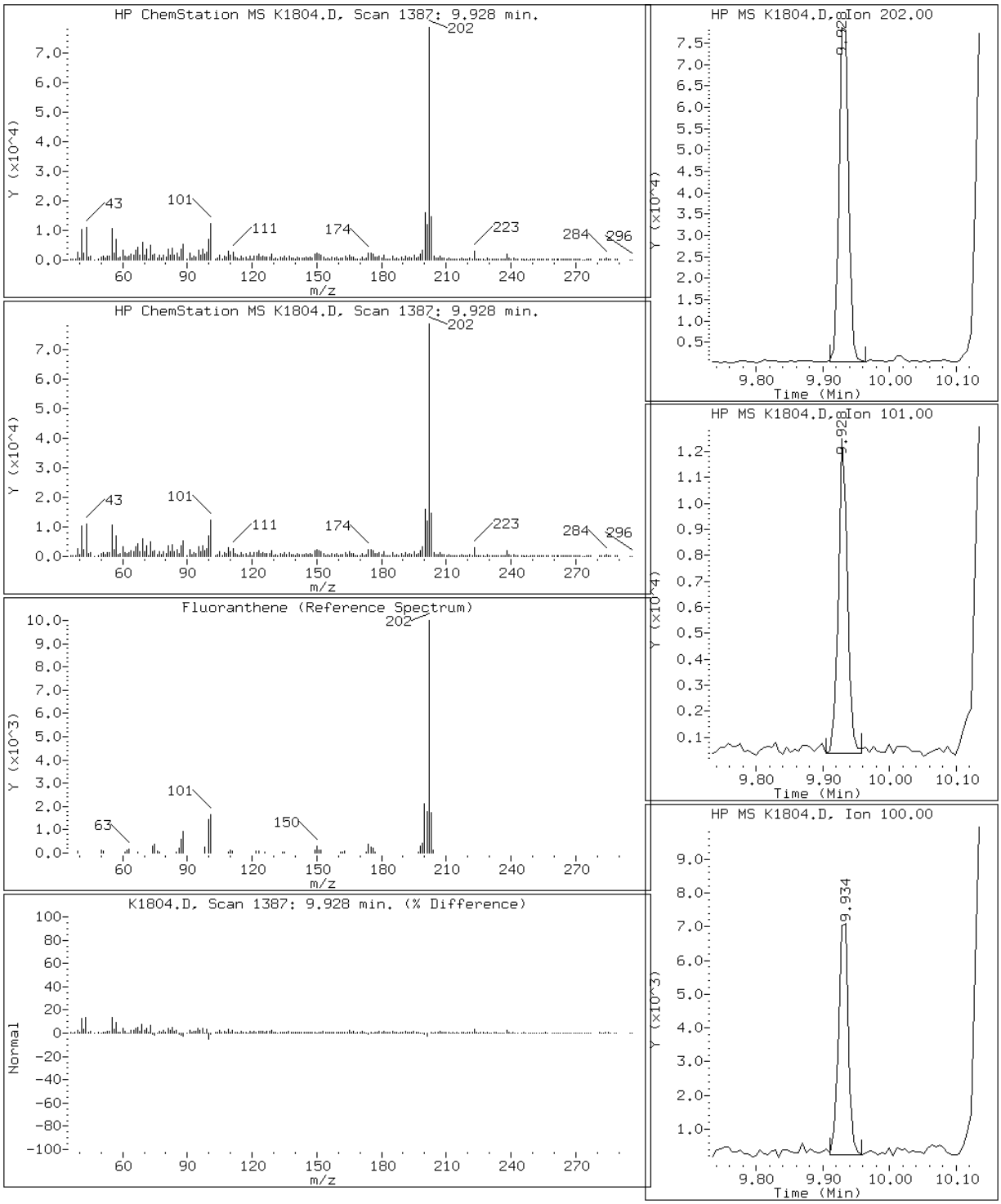
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

149 Fluoranthene



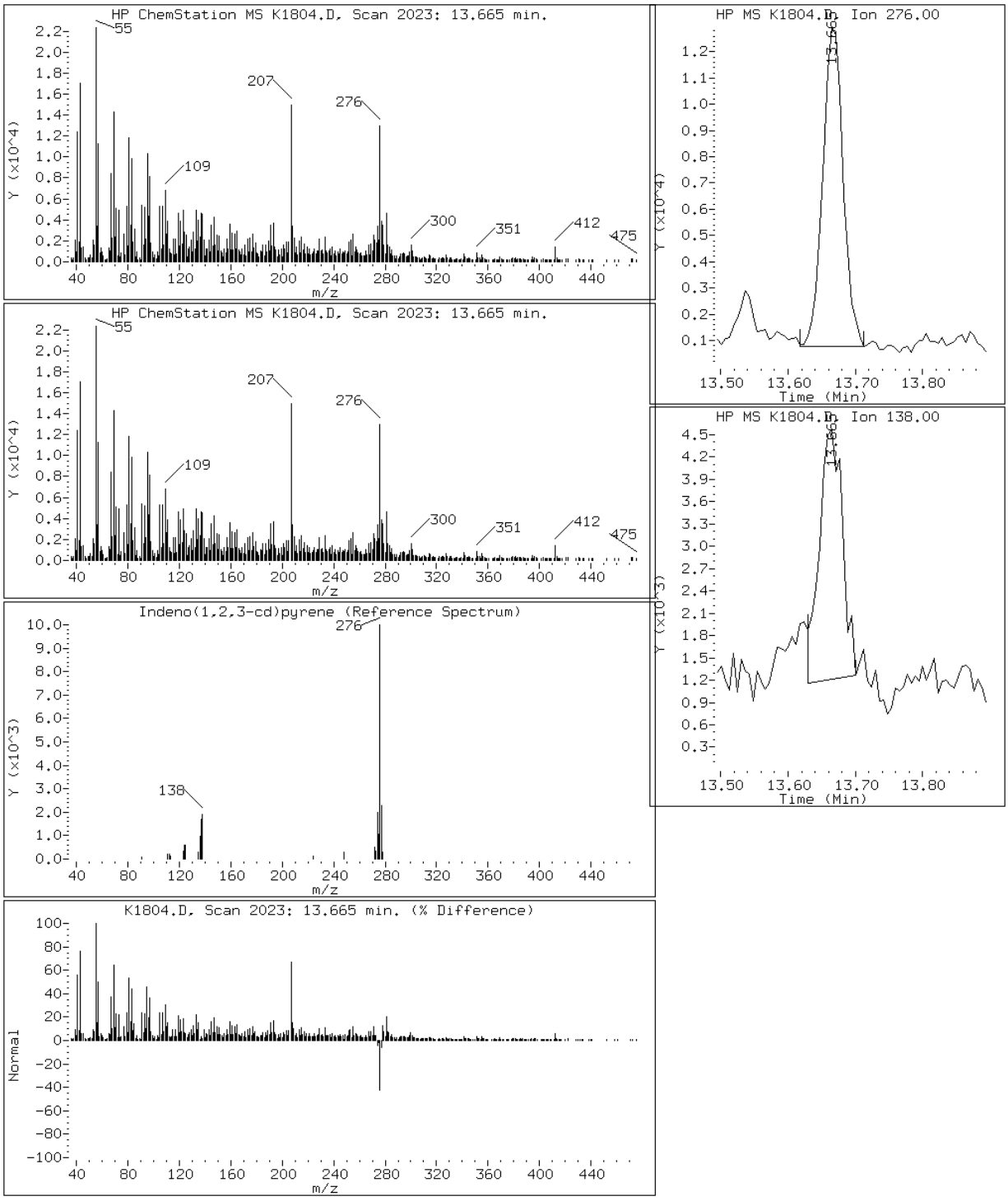
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

186 Indeno(1,2,3-cd)pyrene



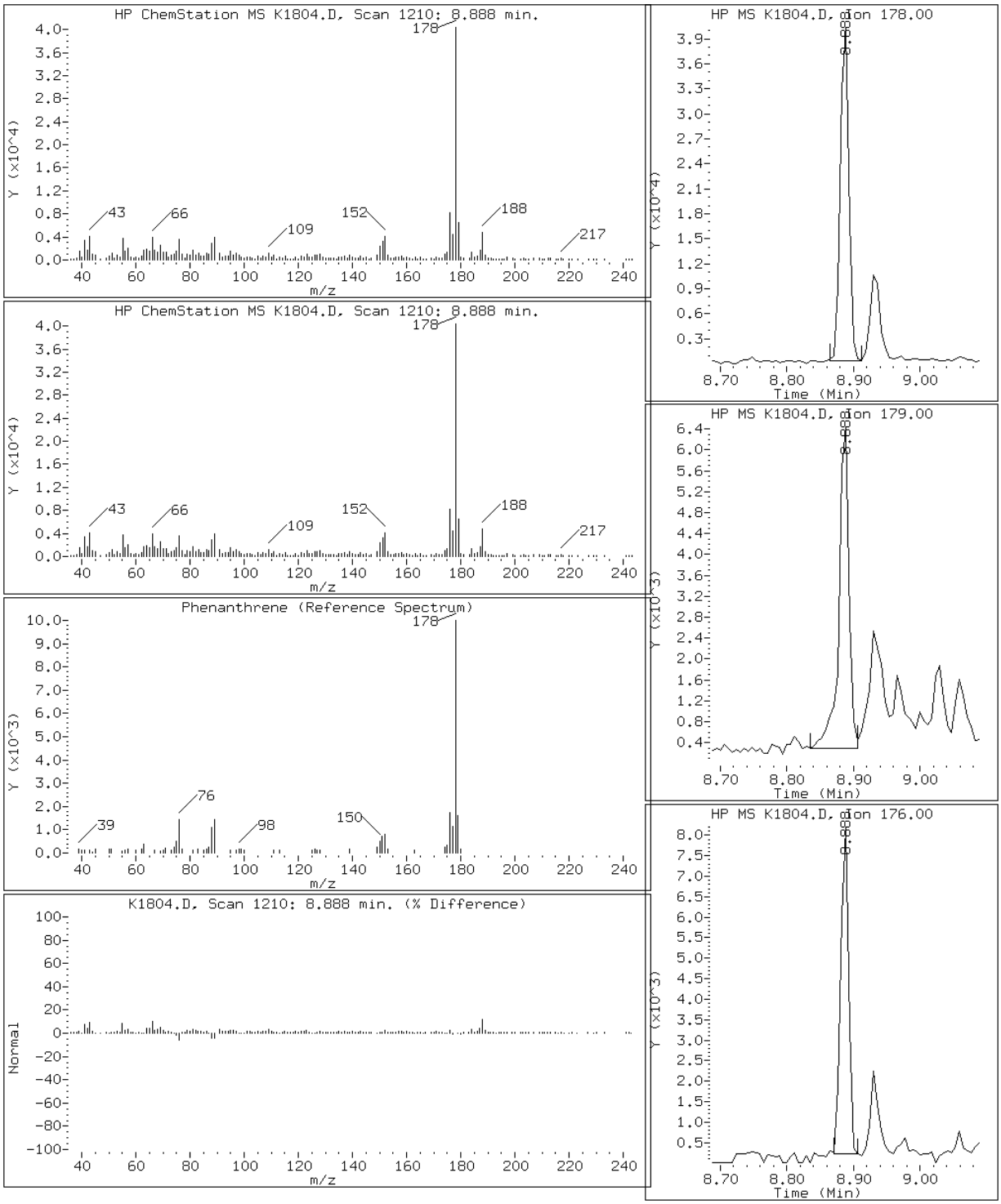
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

136 Phenanthrene



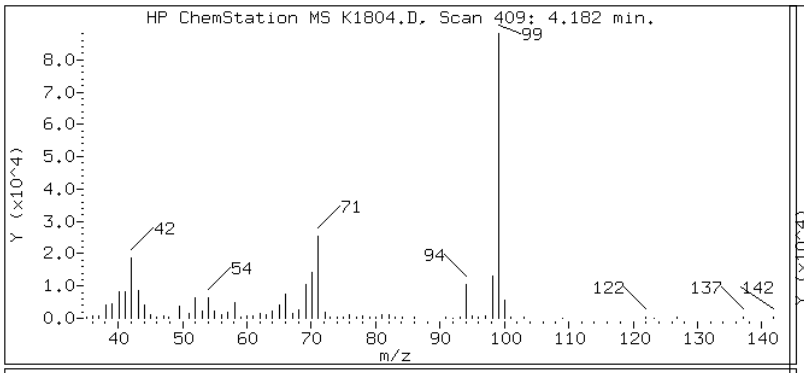
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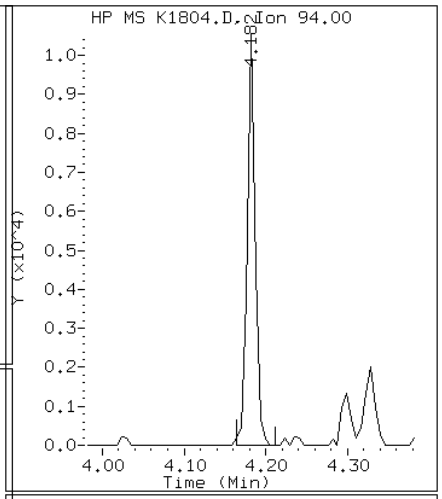
Date: 22-SEP-2011 00:06

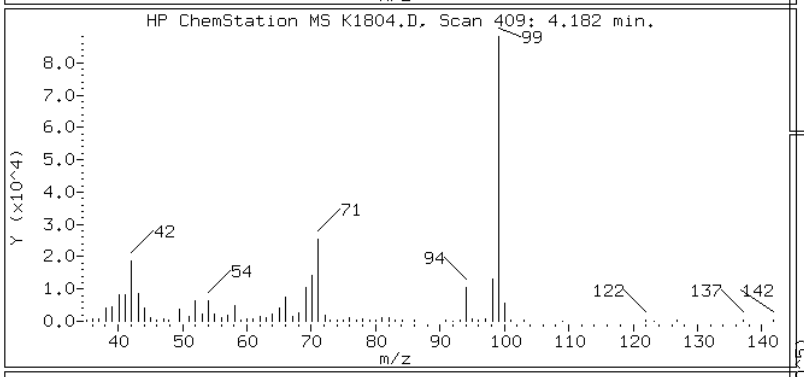
Client ID: TMCSD0401FA Instrument: K.i

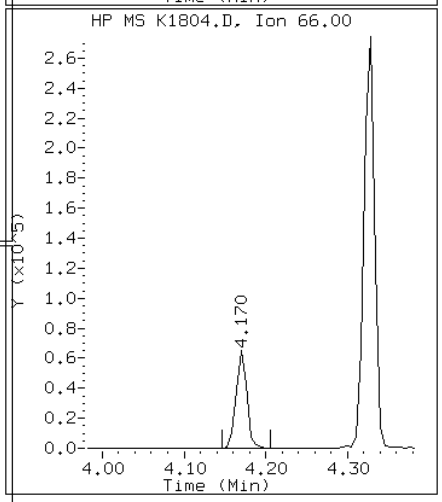
Sample Info: 280-20042-A-4-D Operator: KIEKELD

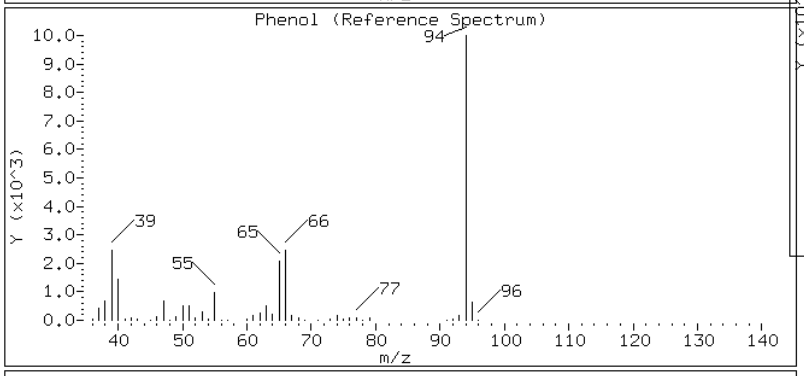
16 Phenol

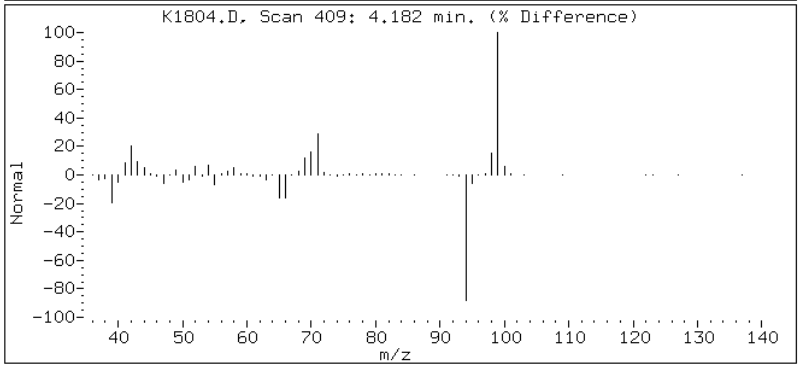












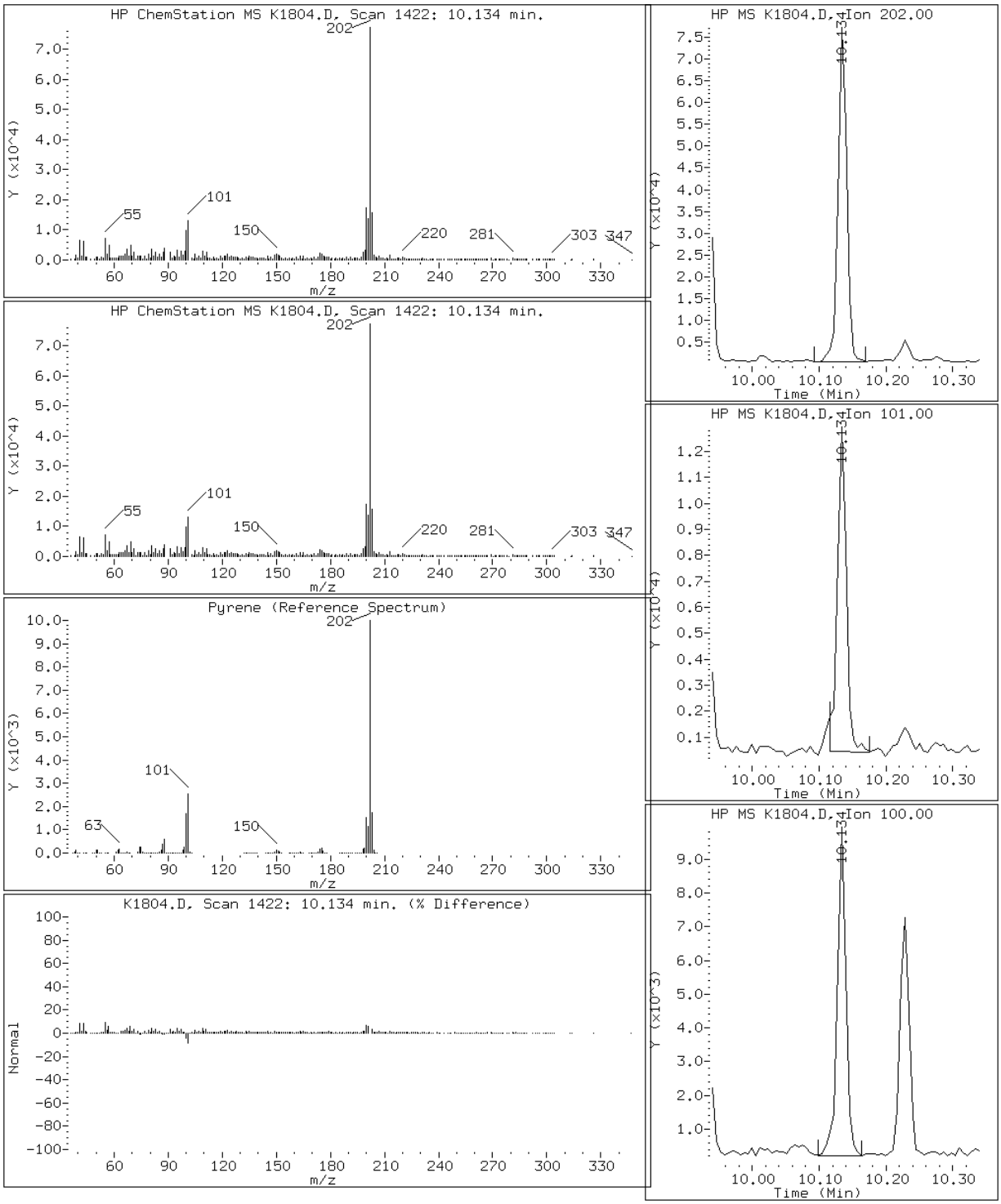
Data File: K1804.D

Date: 22-SEP-2011 00:06

Client ID: TMCSD0401FA Instrument: K.i

Sample Info: 280-20042-A-4-D Operator: KIEKELD

152 Pyrene



Manual Integration Report

Data File: K1804.D
Inj. Date and Time: 22-SEP-2011 00:06
Instrument ID: K.i
Client ID: TMCSD0401FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

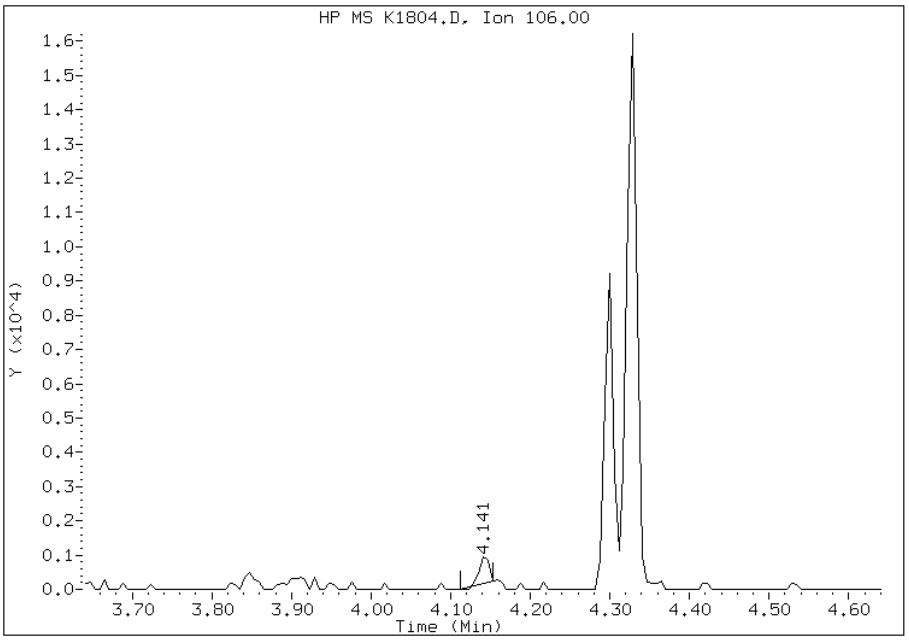
Processing Integration Results

RT: 4.14

Response: 595

Amount: 0

Conc: 4



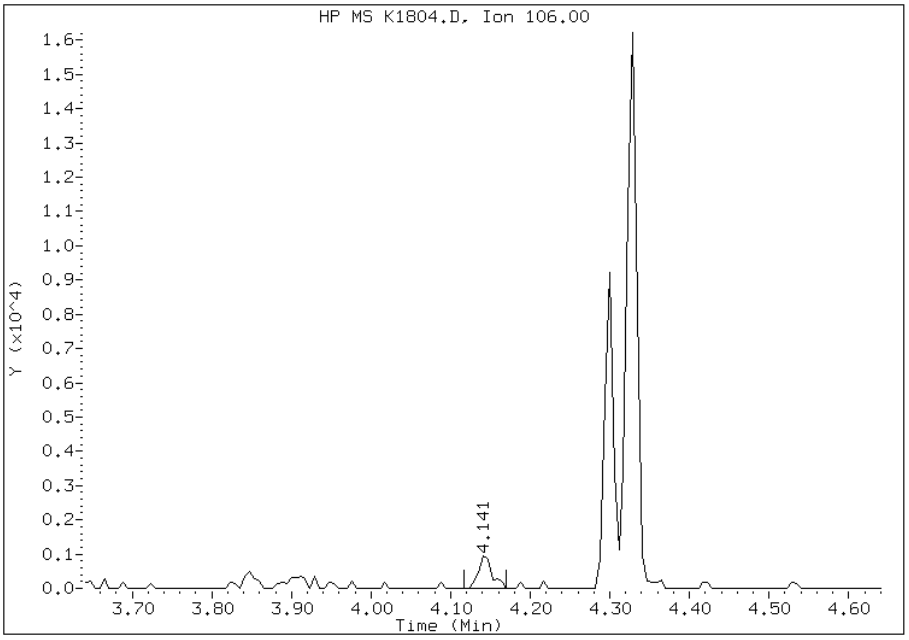
Manual Integration Results

RT: 4.14

Response: 1096

Amount: 0

Conc: 7



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:17
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA | Lab Sample ID: 280-20042-5

Matrix: Solid | Lab File ID: K1805.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:30

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/22/2011 00:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 50.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	260	U D	2600	260	400
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U D	2600	260	390
120-82-1	1,2,4-Trichlorobenzene	260	U D	2600	260	220
95-50-1	1,2-Dichlorobenzene	260	U D	2600	260	170
122-66-7	1,2-Diphenylhydrazine	260	U D	2600	260	170
541-73-1	1,3-Dichlorobenzene	260	U D	2600	260	95
106-46-7	1,4-Dichlorobenzene	260	U D	2600	260	110
108-60-1	2,2'-oxybis[1-chloropropane]	260	U D	2600	260	180
58-90-2	2,3,4,6-Tetrachlorophenol	260	U D	13000	260	1100
95-95-4	2,4,5-Trichlorophenol	1000	U D	2600	1000	80
88-06-2	2,4,6-Trichlorophenol	520	U D	2600	520	80
120-83-2	2,4-Dichlorophenol	520	U D	2600	520	80
105-67-9	2,4-Dimethylphenol	1000	U D	2600	1000	520
51-28-5	2,4-Dinitrophenol	5300	U D	13000	5300	2600
121-14-2	2,4-Dinitrotoluene	1000	U D	2600	1000	520
87-65-0	2,6-Dichlorophenol	1000	U D	2600	1000	550
606-20-2	2,6-Dinitrotoluene	520	U D	2600	520	220
91-58-7	2-Chloronaphthalene	260	U D	2600	260	80
95-57-8	2-Chlorophenol	260	U D	2600	260	170
91-57-6	2-Methylnaphthalene	260	U D	2600	260	150
95-48-7	2-Methylphenol	260	U D	2600	260	100
88-74-4	2-Nitroaniline	520	U D	13000	520	400
88-75-5	2-Nitrophenol	520	U D	2600	520	80
15831-10-4	3 & 4 Methylphenol	520	U D	2600	520	260
91-94-1	3,3'-Dichlorobenzidine	2600	U D	13000	2600	720
99-09-2	3-Nitroaniline	1100	U D	13000	1100	580
534-52-1	4,6-Dinitro-2-methylphenol	5200	U D	13000	5200	2600
101-55-3	4-Bromophenyl phenyl ether	260	U D	2600	260	150
59-50-7	4-Chloro-3-methylphenol	1000	U D	2600	1000	520
106-47-8	4-Chloroaniline	1000	U D	2600	1000	650
7005-72-3	4-Chlorophenyl phenyl ether	520	U D	2600	520	170
100-01-6	4-Nitroaniline	1000	U D	13000	1000	580
100-02-7	4-Nitrophenol	2600	U D	13000	2600	770
83-32-9	Acenaphthene	89	J D	2600	140	82

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA | Lab Sample ID: 280-20042-5

Matrix: Solid | Lab File ID: K1805.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:30

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/22/2011 00:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 50.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	260	U D	2600	260	140
98-86-2	Acetophenone	260	U D	2600	260	160
120-12-7	Anthracene	300	J D	2600	260	140
1912-24-9	Atrazine	1000	U D	2600	1000	290
100-52-7	Benzaldehyde	530	U M D	2600	530	310
92-87-5	Benzidine	31000	U D	32000	31000	7900
56-55-3	Benzo[a]anthracene	1100	J D	2600	260	160
50-32-8	Benzo[a]pyrene	1000	J D	2600	260	160
205-99-2	Benzo[b]fluoranthene	1900	J K D	2600	260	210
191-24-2	Benzo[g,h,i]perylene	600	J D	2600	260	130
207-08-9	Benzo[k]fluoranthene	520	U K D	2600	520	320
65-85-0	Benzoic acid	5200	U D	13000	5200	2600
100-51-6	Benzyl alcohol	260	U D	2600	260	80
111-91-1	Bis(2-chloroethoxy)methane	520	U D	2600	520	180
111-44-4	Bis(2-chloroethyl)ether	260	U D	2600	260	130
117-81-7	Bis(2-ethylhexyl) phthalate	520	U D	2600	520	370
85-68-7	Butyl benzyl phthalate	520	U D	2600	520	340
105-60-2	Caprolactam	2600	U D	13000	2600	840
86-74-8	Carbazole	530	U D	2600	530	290
218-01-9	Chrysene	1200	J D	2600	260	210
53-70-3	Dibenz(a,h)anthracene	260	U D	2600	260	150
132-64-9	Dibenzofuran	260	U D	2600	260	160
84-66-2	Diethyl phthalate	260	U D	5200	260	210
131-11-3	Dimethyl phthalate	260	U D	2600	260	180
84-74-2	Di-n-butyl phthalate	260	U D	2600	260	230
117-84-0	Di-n-octyl phthalate	520	U D	2600	520	110
206-44-0	Fluoranthene	2200	J D	2600	520	290
86-73-7	Fluorene	260	U D	2600	260	140
118-74-1	Hexachlorobenzene	520	U D	2600	520	230
87-68-3	Hexachlorobutadiene	520	U D	2600	520	80
77-47-4	Hexachlorocyclopentadiene	520	U D	14000	520	400
67-72-1	Hexachloroethane	260	U D	2600	260	170
193-39-5	Indeno[1,2,3-cd]pyrene	550	J D	2600	260	170
78-59-1	Isophorone	260	U D	2600	260	140

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA | Lab Sample ID: 280-20042-5

Matrix: Solid | Lab File ID: K1805.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 12:30

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.5(g) | Date Analyzed: 09/22/2011 00:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 4

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 50.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	520	U D	2600	520	250
98-95-3	Nitrobenzene	260	U D	2600	260	170
62-75-9	N-Nitrosodimethylamine	520	U D	4100	520	290
621-64-7	N-Nitrosodi-n-propylamine	520	U D	2600	520	250
86-30-6	N-Nitrosodiphenylamine	260	U D	2600	260	170
930-55-2	N-Nitrosopyrrolidine	1000	U D	2600	1000	510
87-86-5	Pentachlorophenol	5300	U D	13000	5300	2600
85-01-8	Phenanthrene	1200	J D	2600	260	140
108-95-2	Phenol	260	U D	2600	260	140
129-00-0	Pyrene	1900	J D	3200	260	96

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	81	D	35-125
321-60-8	2-Fluorobiphenyl	77	D	45-105
367-12-4	2-Fluorophenol (Surr)	68	D	35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69	D	35-100
4165-62-2	Phenol-d5 (Surr)	77	D	40-100
1718-51-0	Terphenyl-d14 (Surr)	86	D	30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1805.D
Lab Smp Id: 280-20042-A-5-D Client Smp ID: TMCSD0501FA
Inj Date : 22-SEP-2011 00:26
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-5-D,4,
Misc Info : 280-20042-A-5-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 31
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	4.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.500	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
*	26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	208966	40.0000	
*	58 Naphthalene-d8	136	5.750	5.750	(1.000)	806491	40.0000	
*	96 Acenaphthene-d10	164	7.490	7.489	(1.000)	473151	40.0000	
*	135 Phenanthrene-d10	188	8.864	8.864	(1.000)	826755	40.0000	
*	166 Chrysene-d12	240	11.162	11.162	(1.000)	958406	40.0000	
*	179 Perylene-d12	264	12.431	12.437	(1.000)	947400	40.0000	
$	8 2-Fluorophenol	112	3.359	3.353	(0.742)	182206	25.6759	3367.34
$	15 Phenol-d5	99	4.164	4.164	(0.920)	246871	28.9244	3793.37
$	43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	127236	17.1696	2251.75
$	81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	297022	19.2902	2529.87
$	118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	82118	30.4827	3997.73
$	154 Terphenyl-d14	244	10.228	10.227	(0.916)	396054	21.5365	2824.45
$	29 1,2-Dichlorobenzene-d4	152	4.675	4.681	(1.032)	78891	15.4793	2030.07
$	22 2-Chlorophenol-d4	132	4.323	4.328	(0.955)	195714	28.5645	3746.17
	4 1,4-Dioxane	88	Compound Not Detected.					
	5 N-Nitrosodimethylamine	74	Compound Not Detected.					
	6 Pyridine	79	Compound Not Detected.					
	9 2-Picoline	93	Compound Not Detected.					
	10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
	11 Methyl methanesulfonate	80	Compound Not Detected.					
	12 N-Nitrosodiethylamine	102	Compound Not Detected.					
	13 Ethyl methanesulfonate	79	Compound Not Detected.					
	16 Phenol	94	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
18	Aniline	93	Compound Not Detected.					
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
89 1,4-Naphthoquinone	158	Compound Not Detected.					
90 1,4-Dinitrobenzene	168	Compound Not Detected.					
91 Dimethyl phthalate	163	Compound Not Detected.					
92 1,3-Dinitrobenzene	168	Compound Not Detected.					
93 2,6-Dinitrotoluene	165	Compound Not Detected.					
94 Acenaphthylene	152	Compound Not Detected.					
95 3-Nitroaniline	138	Compound Not Detected.					
97 Acenaphthene	153	7.519	7.525	(1.004)	4356	0.33417	43.8261(a)
98 2,4-Dinitrophenol	184	Compound Not Detected.					
99 4-Nitrophenol	109	Compound Not Detected.					
100 Pentachlorobenzene	250	Compound Not Detected.					
101 2,4-Dinitrotoluene	165	Compound Not Detected.					
102 Dibenzofuran	168	Compound Not Detected.					
103 1-Naphthylamine	143	Compound Not Detected.					
104 2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106 2-Naphthylamine	143	Compound Not Detected.					
107 Diethyl phthalate	149	Compound Not Detected.					
108 Thionazin	97	Compound Not Detected.					
109 4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110 Fluorene	166	Compound Not Detected.					
111 5-Nitro-o-toluidine	152	Compound Not Detected.					
112 4-Nitroaniline	138	Compound Not Detected.					
113 4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115 N-nitrosodiphenylamine	169	Compound Not Detected.					
114 Diphenylamine	169	Compound Not Detected.					
116 Azobenzene	77	Compound Not Detected.					
234 1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117 Sulfotepp	97	Compound Not Detected.					
119 Diallate (#1)	86	Compound Not Detected.					
120 1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121 Phorate	121	Compound Not Detected.					
122 Phenacetin	108	Compound Not Detected.					
123 Diallate (#2)	86	Compound Not Detected.					
124 4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125 Hexachlorobenzene	284	Compound Not Detected.					
126 Dimethoate	87	Compound Not Detected.					
127 Atrazine	200	Compound Not Detected.					
129 Pentachlorophenol	266	Compound Not Detected.					
130 4-Aminobiphenyl	169	Compound Not Detected.					
131 Pentachloronitrobenzene	237	Compound Not Detected.					
132 Pronamide	173	Compound Not Detected.					
133 Disulfoton	88	Compound Not Detected.					
134 2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136 Phenanthrene	178	8.888	8.888	(1.003)	102645	4.63692	608.120(a)
137 Anthracene	178	8.929	8.935	(1.007)	25090	1.11299	145.966(aQ)
140 Carbazole	167	Compound Not Detected.					
141 Alachlor	188	Compound Not Detected.					
142 Methyl parathion	109	Compound Not Detected.					
143 Di-n-butyl phthalate	149	Compound Not Detected.					
145 Parathion	109	Compound Not Detected.					
146 4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147 Methapyrilene	97	Compound Not Detected.					
148 Isodrin	193	Compound Not Detected.					
149 Fluoranthene	202	9.934	9.934	(1.121)	210258	8.20824	1076.49(a)
151 Benzidine	184	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
152	Pyrene	202	10.134	10.139	(0.908)	194253	7.25339	951.264(a)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	11.150	11.156	(0.999)	104921	3.96615	520.150(a)
167	Chrysene	228	11.179	11.191	(1.002)	118450	4.62315	606.314(a)
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.049	12.066	(0.969)	191424	7.04445	923.862(a)
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.372	12.390	(0.995)	98162	3.86350	506.688(a)
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	13.665	13.694	(1.224)	61923	2.09175	274.327(a)
188	Benzo(g,h,i)perylene	276	14.053	14.082	(1.130)	56765	2.26205	296.662(a)
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

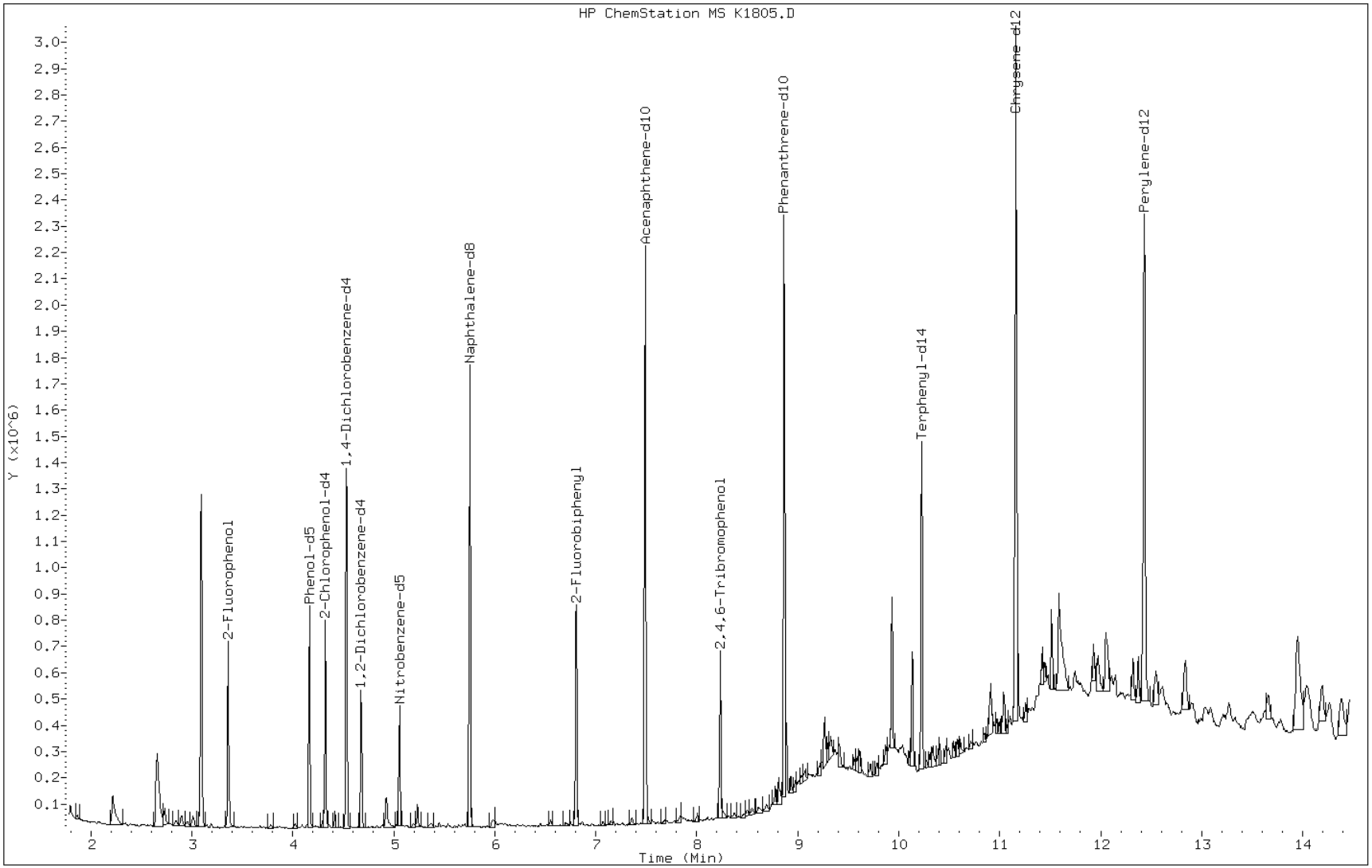
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD



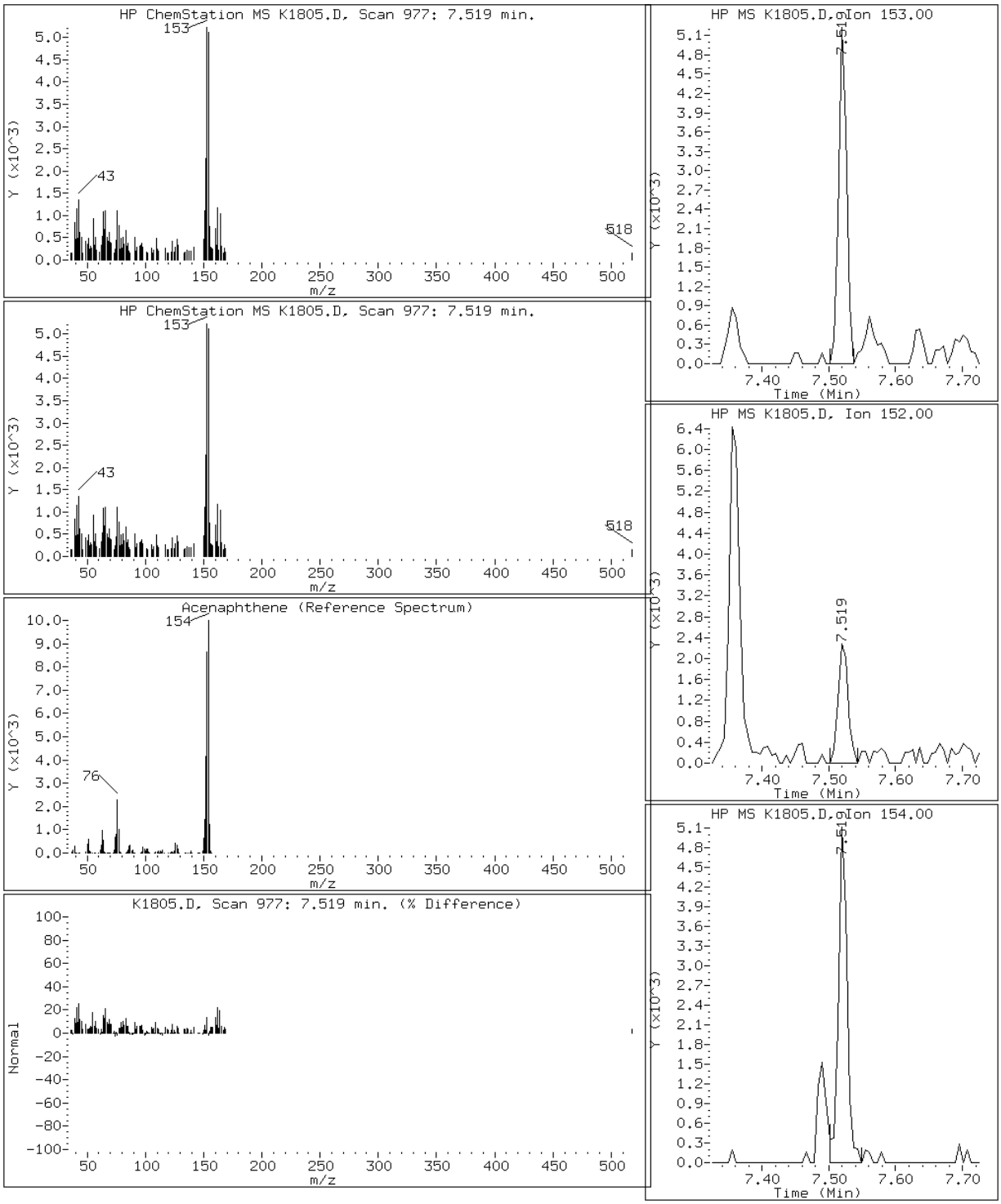
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

97 Acenaphthene



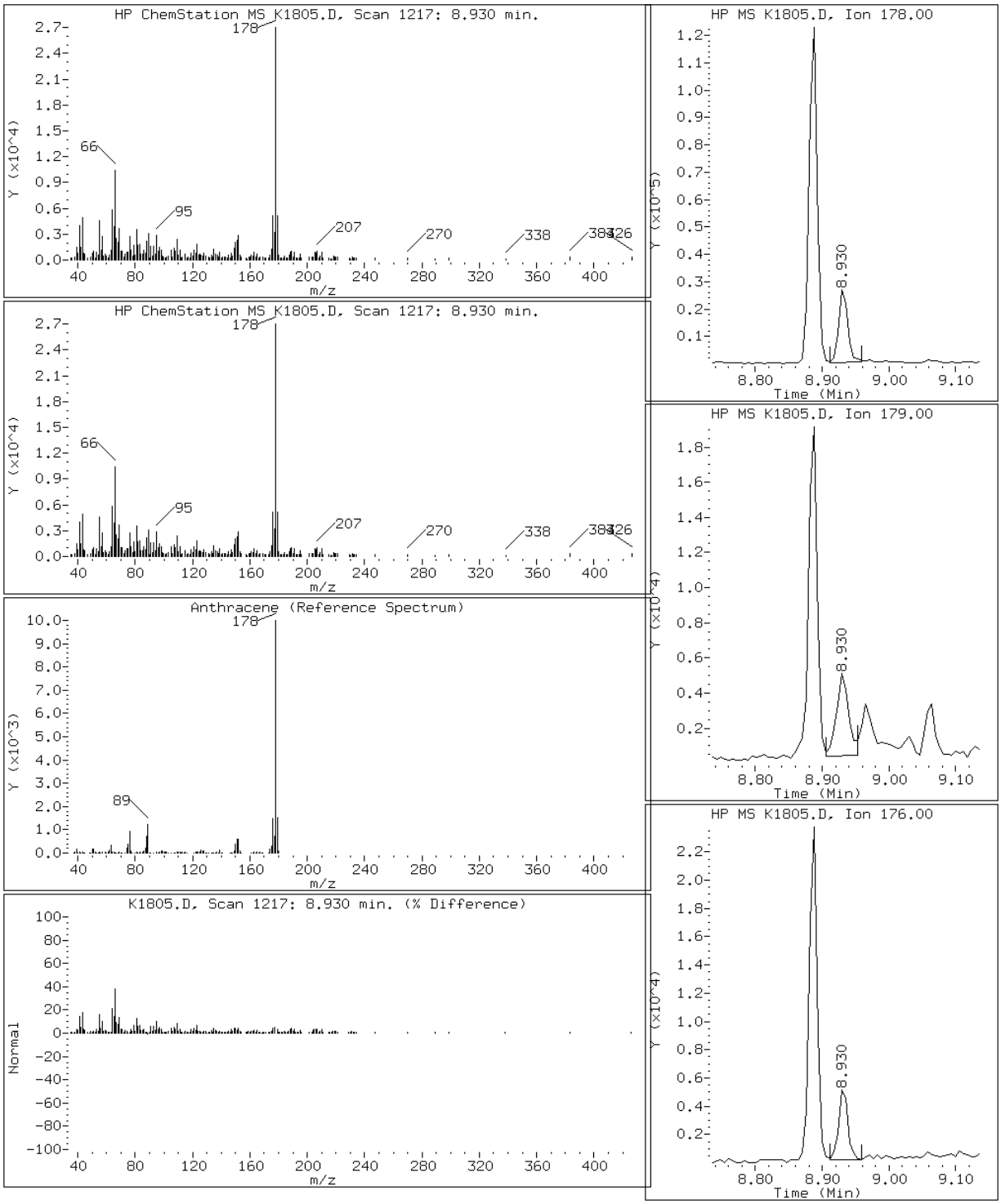
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

137 Anthracene



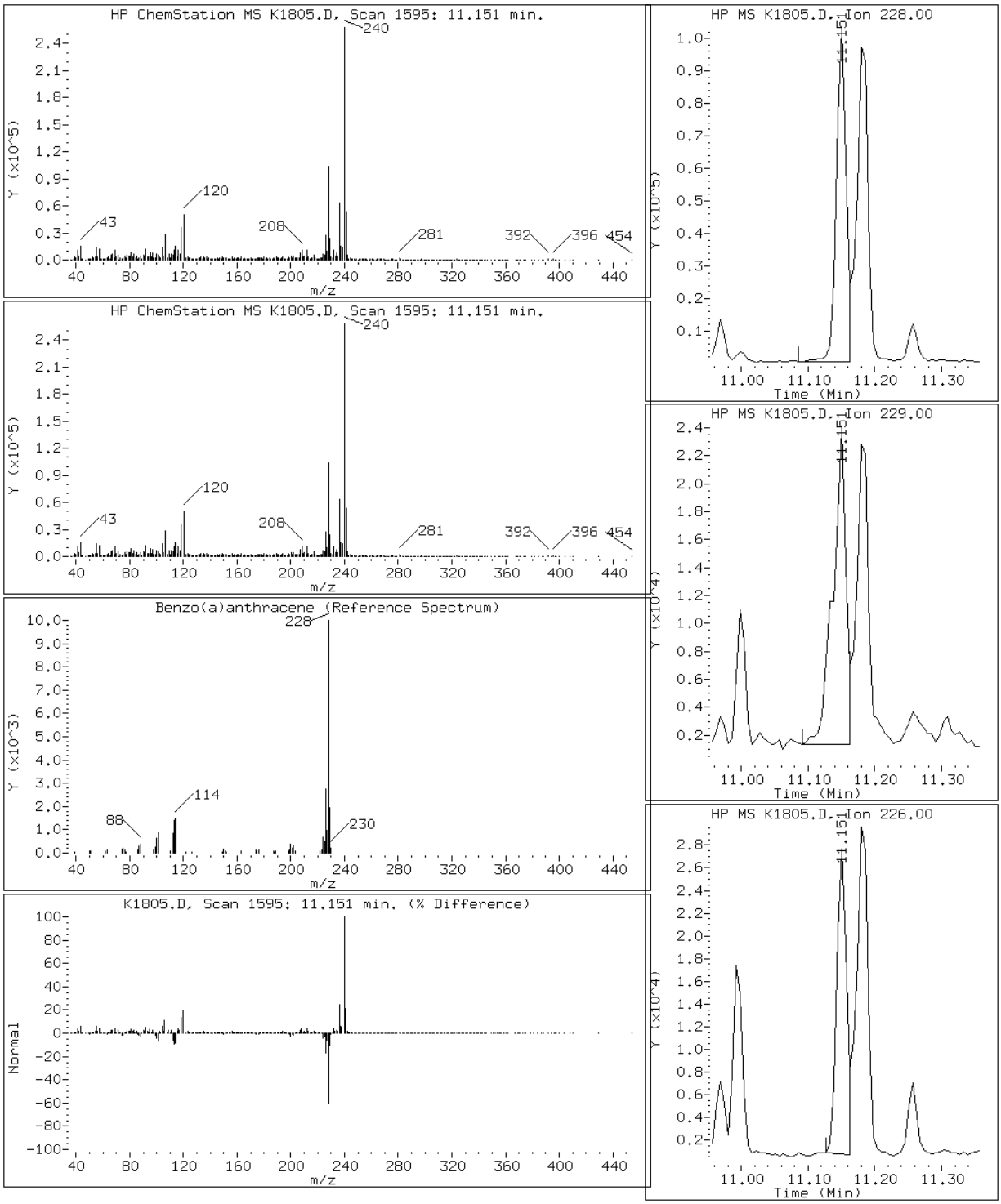
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

165 Benzo(a)anthracene



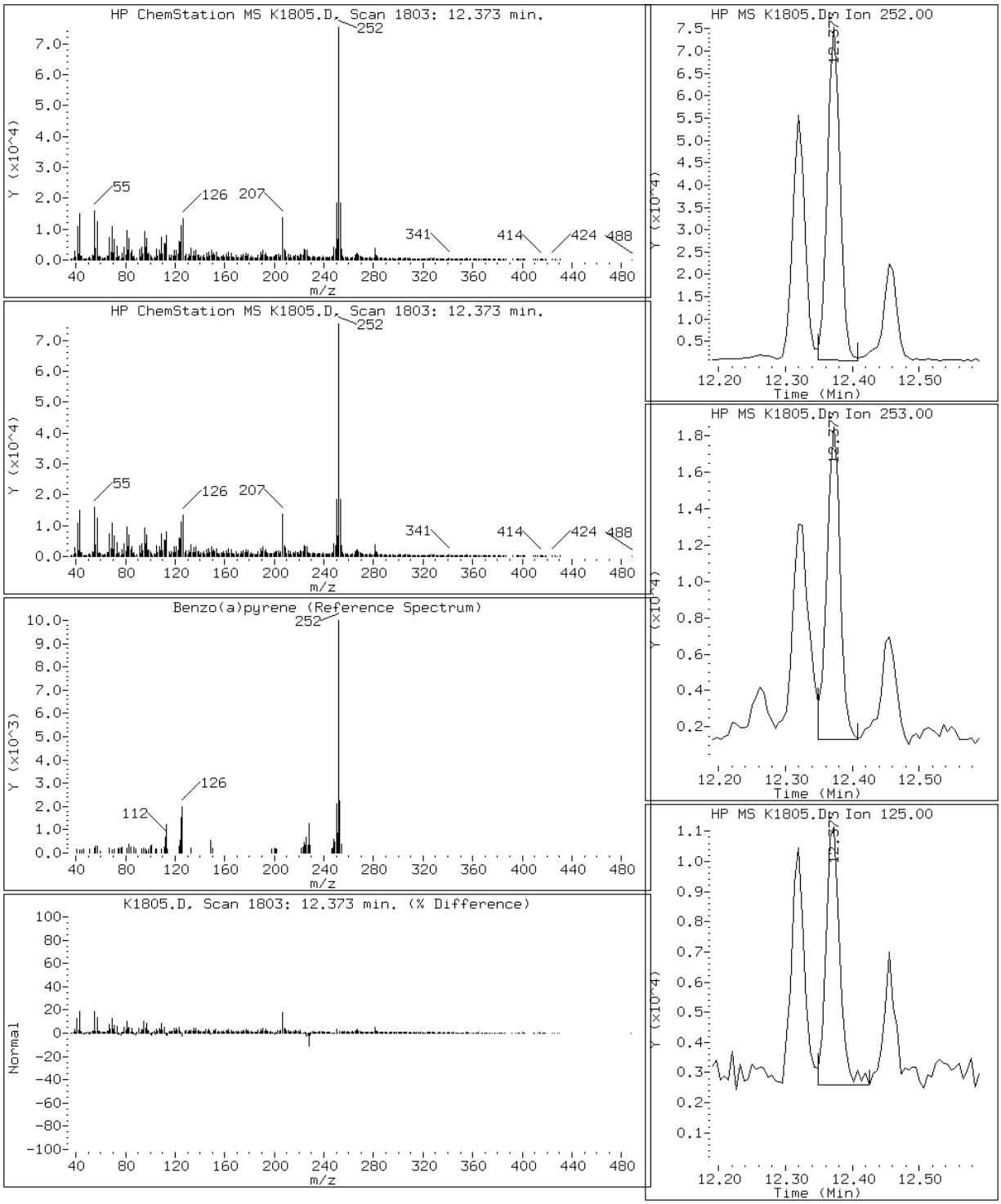
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

178 Benzo(a)pyrene



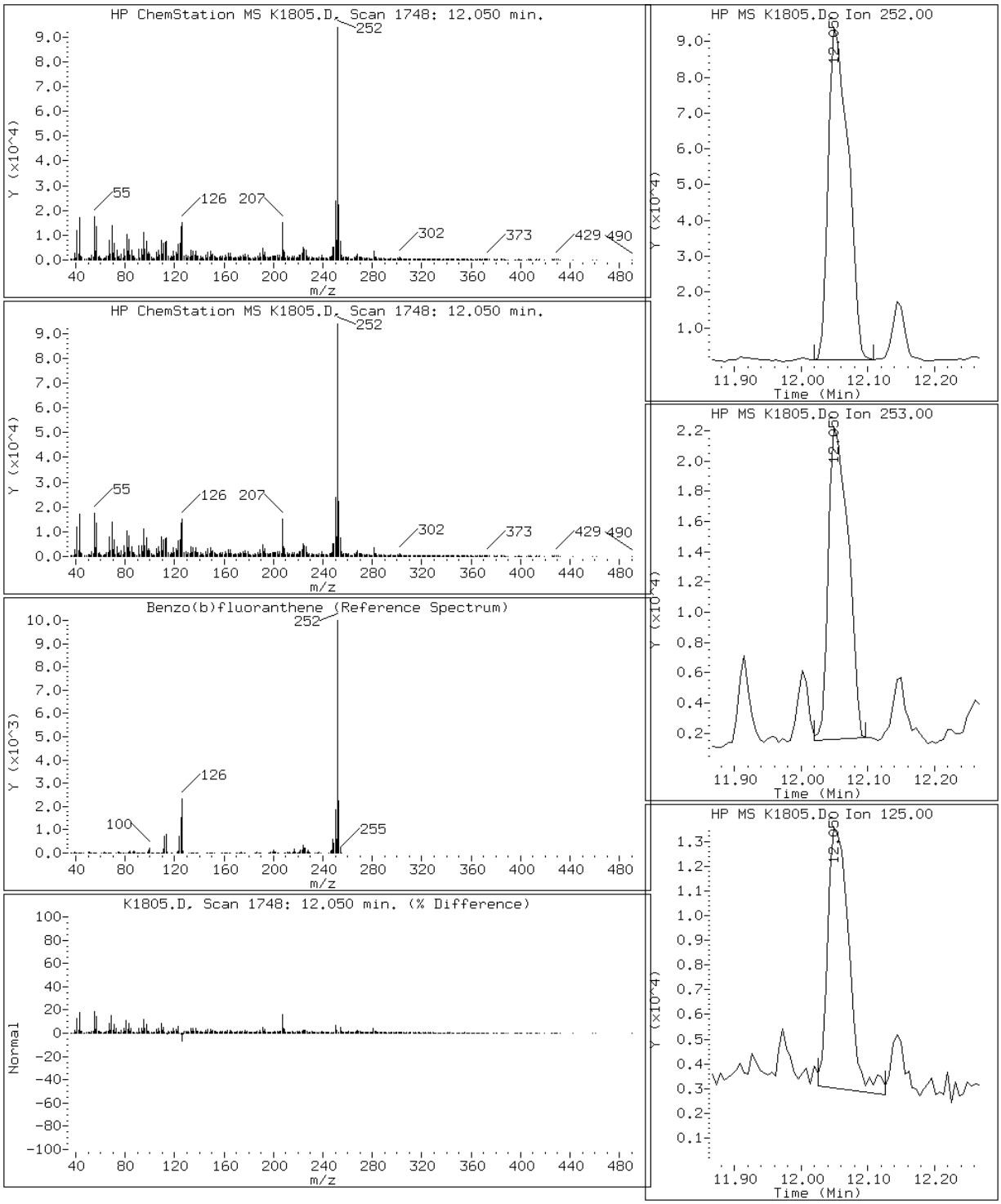
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

171 Benzo(b)fluoranthene



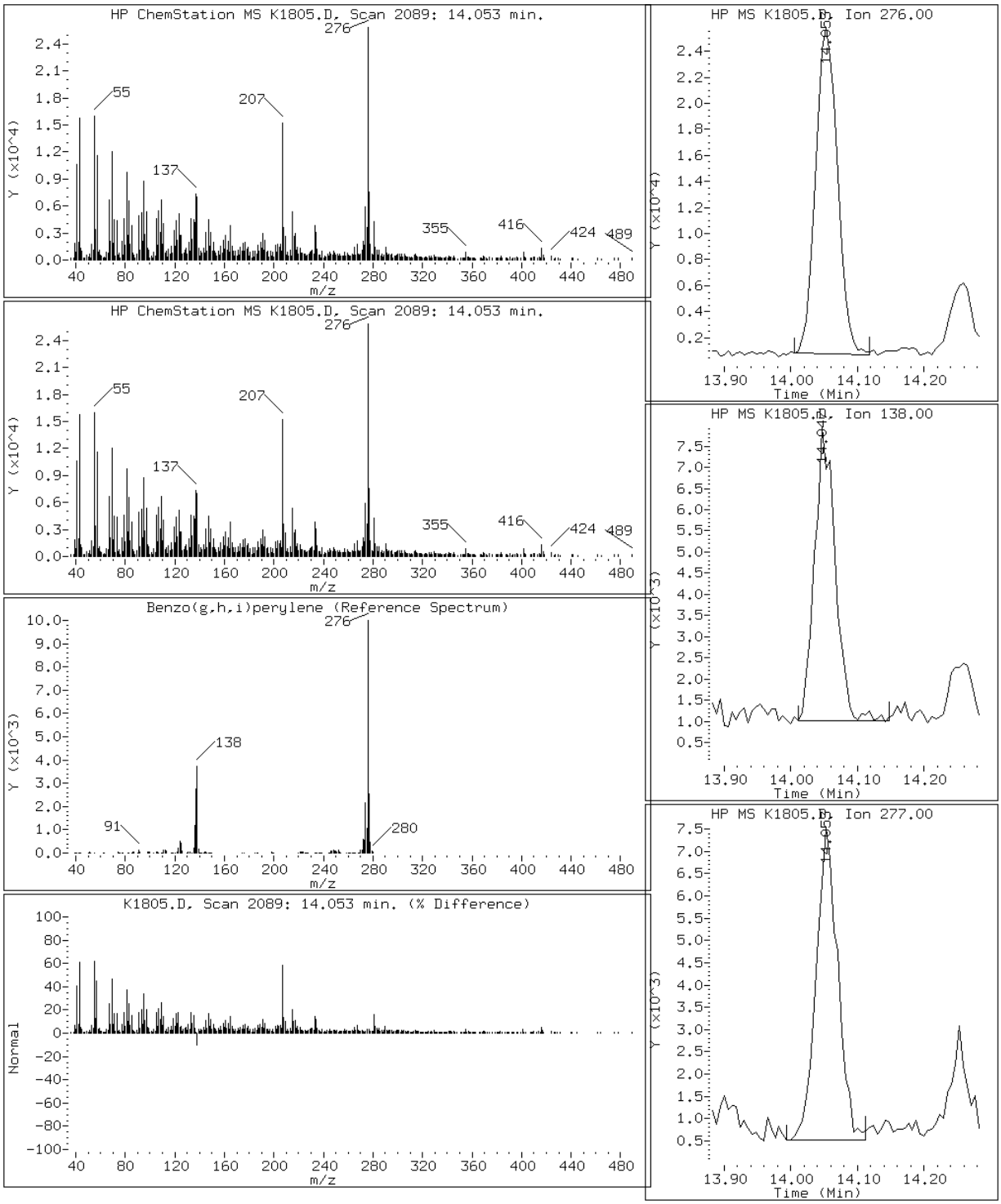
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

188 Benzo(g,h,i)perylene



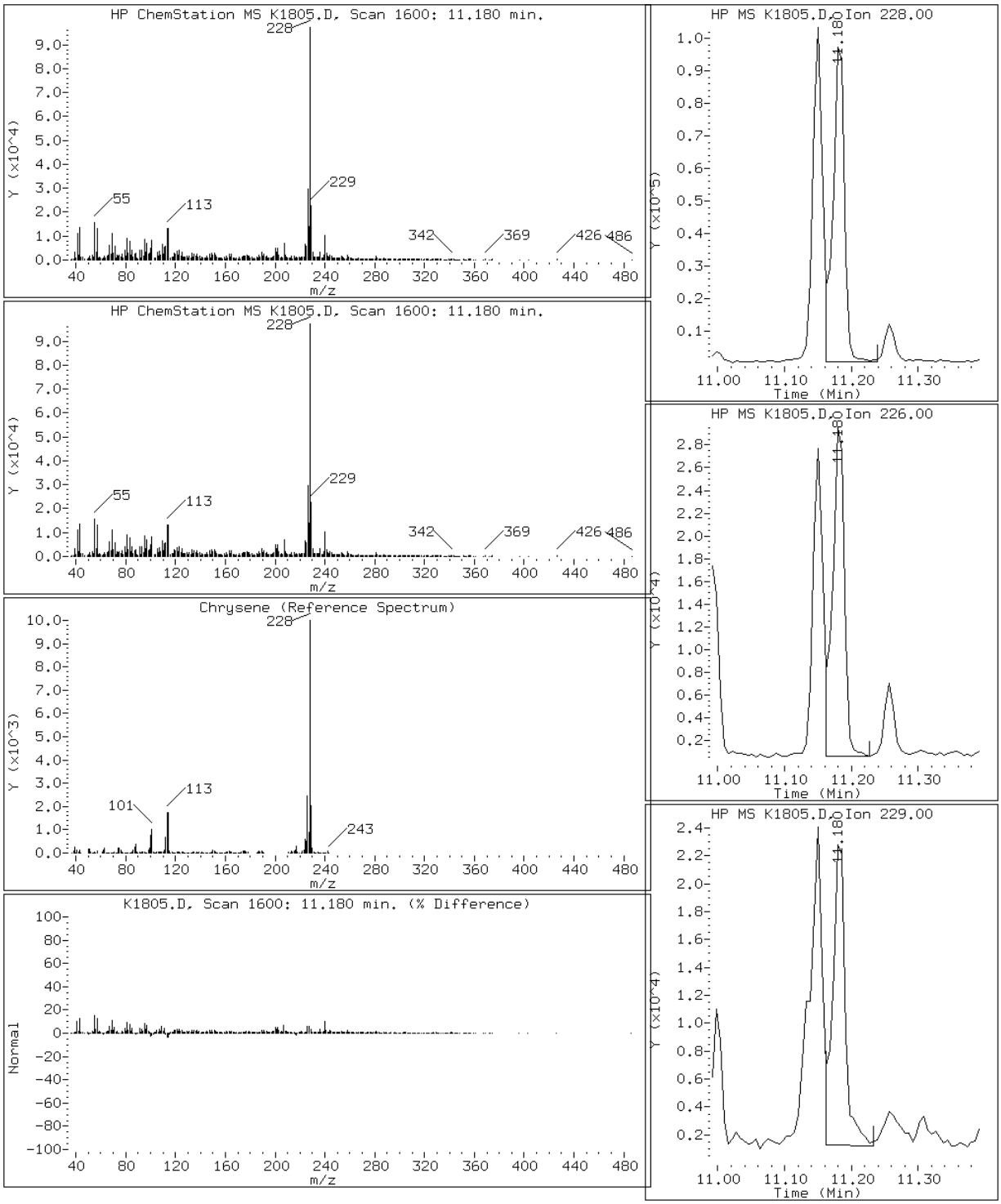
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

167 Chrysene



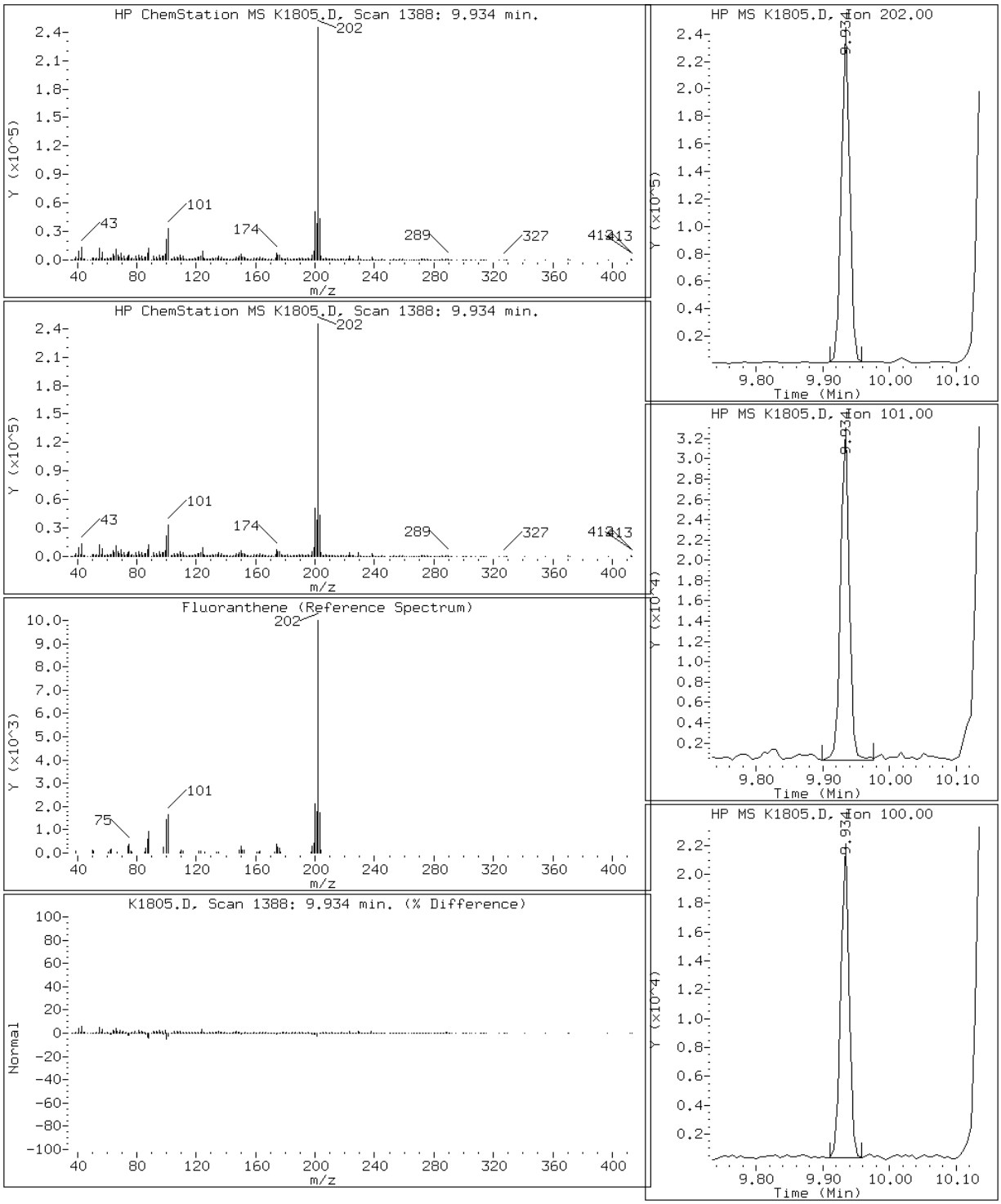
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

149 Fluoranthene



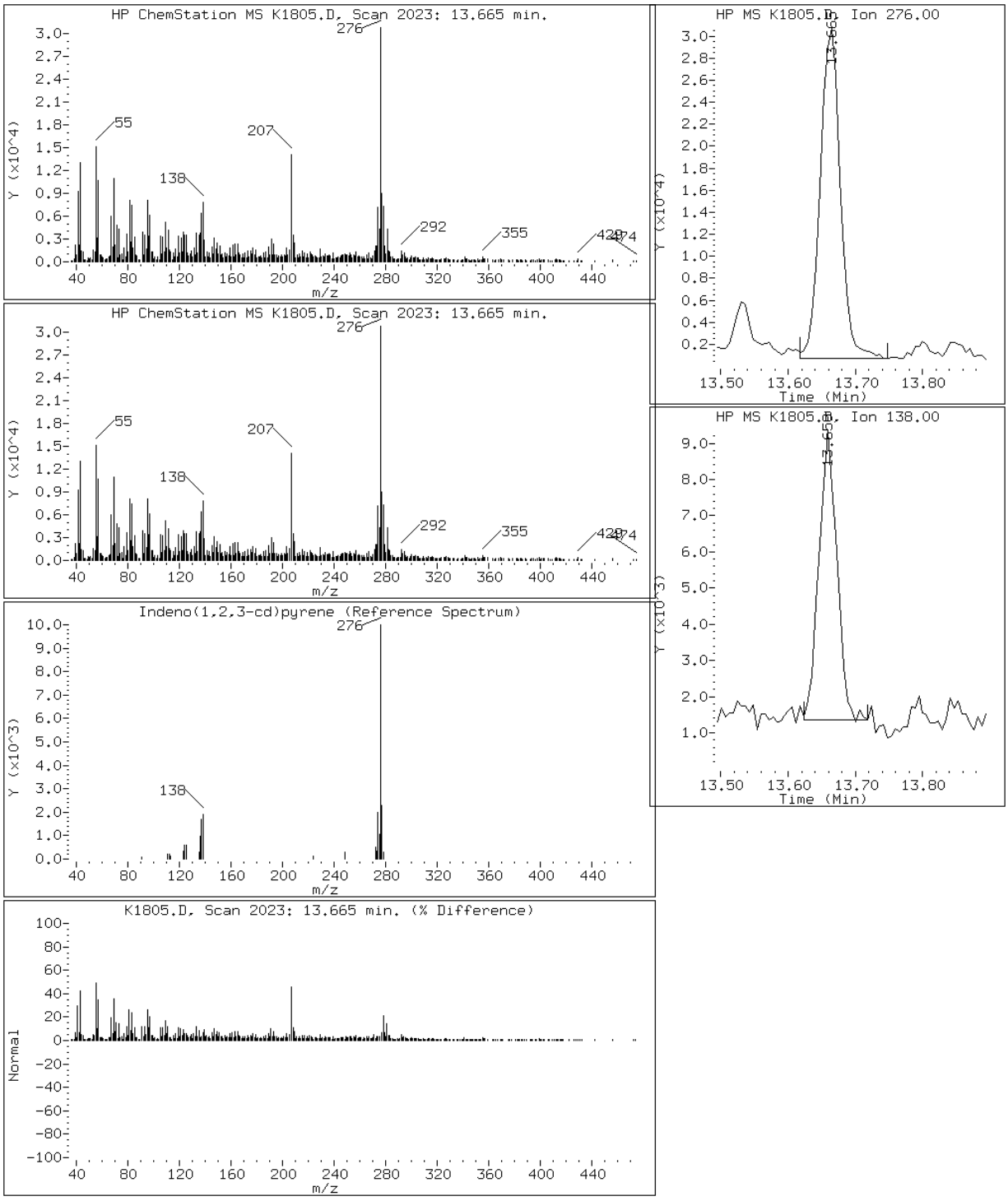
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

186 Indeno(1,2,3-cd)pyrene



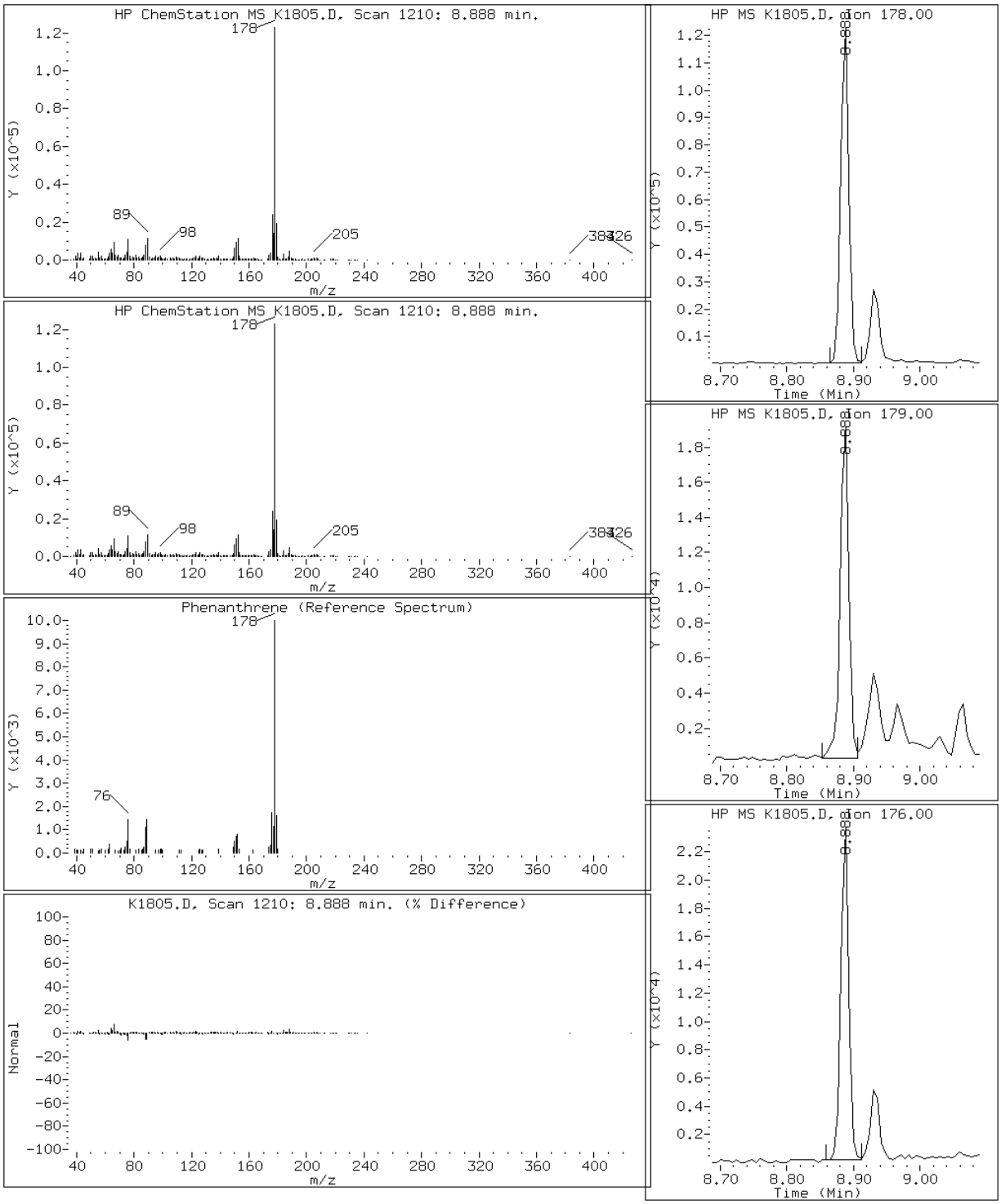
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

136 Phenanthrene



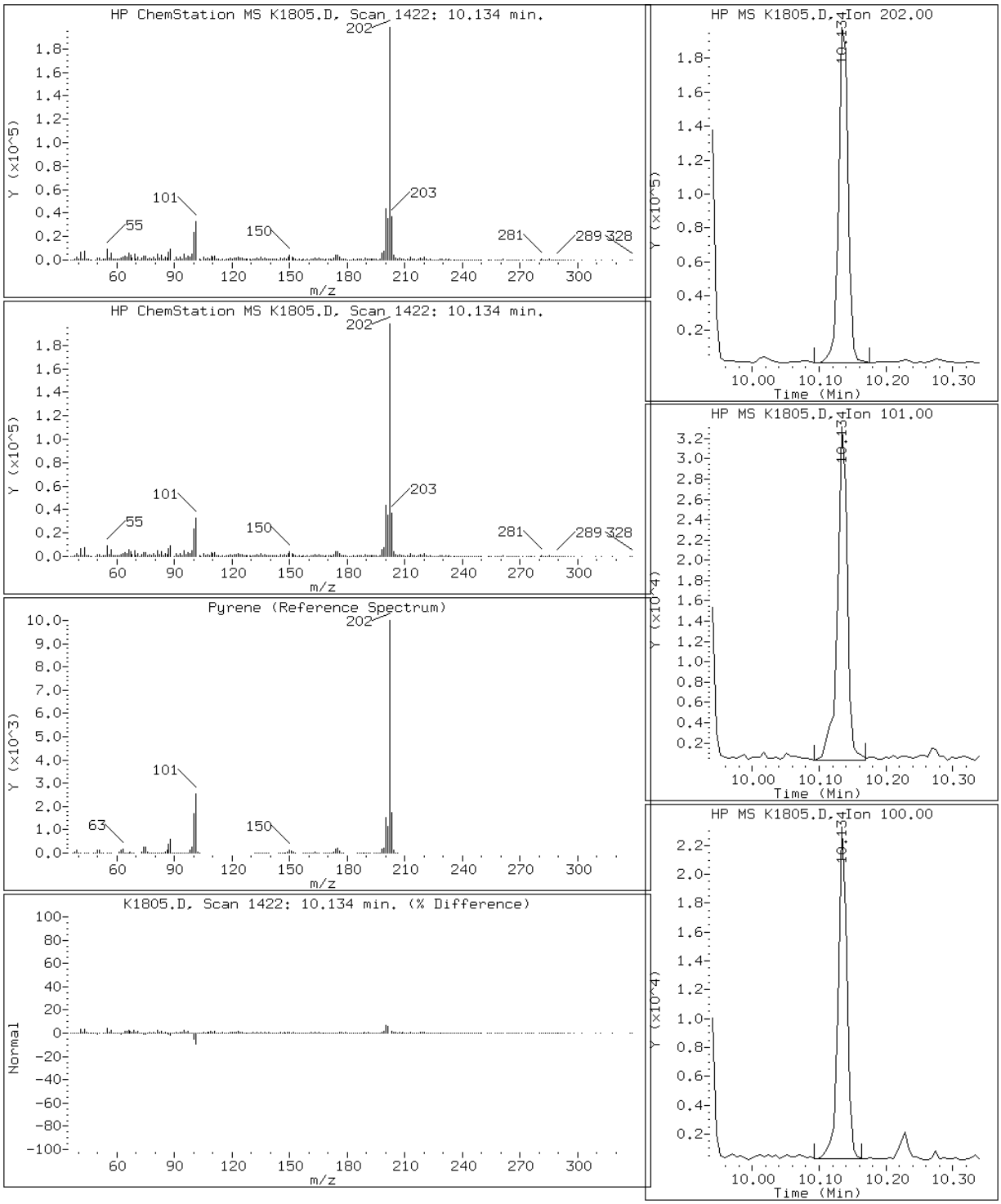
Data File: K1805.D

Date: 22-SEP-2011 00:26

Client ID: TMCSD0501FA Instrument: K.i

Sample Info: 280-20042-A-5-D,4, Operator: KIEKELD

152 Pyrene



Manual Integration Report

Data File: K1805.D
Inj. Date and Time: 22-SEP-2011 00:26
Instrument ID: K.i
Client ID: TMCSD0501FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

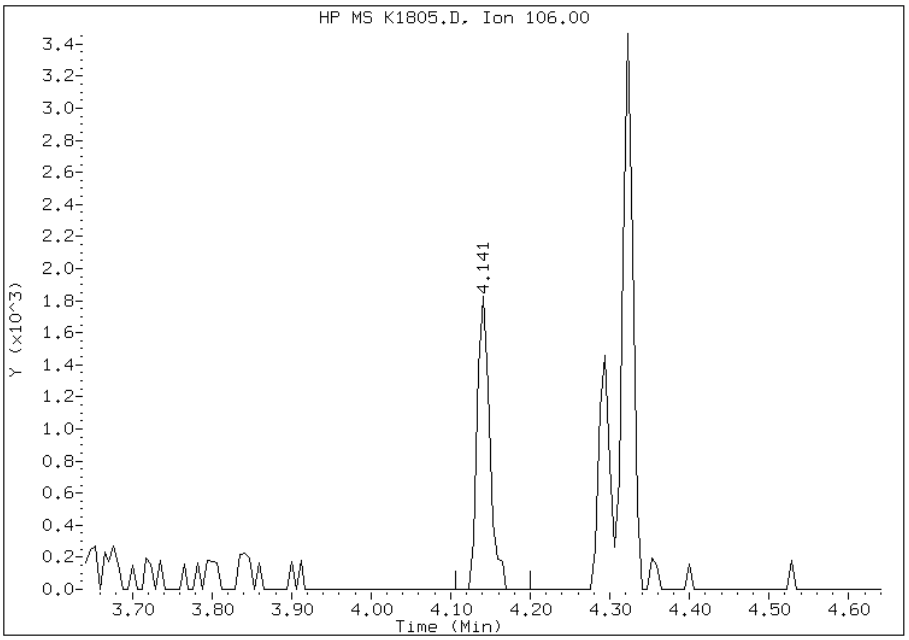
Processing Integration Results

RT: 4.14

Response: 1954

Amount: 0

Conc: 53



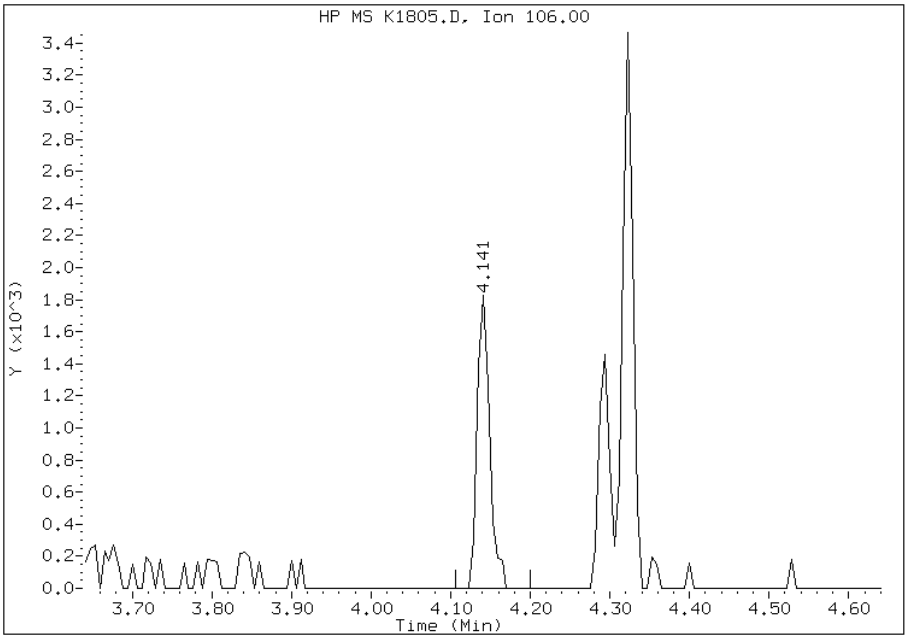
Manual Integration Results

RT: 4.14

Response: 1954

Amount: 0

Conc: 53



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:17
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: K1806.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.3(g) | Date Analyzed: 09/22/2011 00:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 10

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	400	U D	4000	400	610
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U D	4000	400	590
120-82-1	1,2,4-Trichlorobenzene	400	U D	4000	400	340
95-50-1	1,2-Dichlorobenzene	400	U D	4000	400	270
122-66-7	1,2-Diphenylhydrazine	400	U D	4000	400	270
541-73-1	1,3-Dichlorobenzene	400	U D	4000	400	150
106-46-7	1,4-Dichlorobenzene	400	U D	4000	400	160
108-60-1	2,2'-oxybis[1-chloropropane]	400	U D	4000	400	280
58-90-2	2,3,4,6-Tetrachlorophenol	400	U D	19000	400	1700
95-95-4	2,4,5-Trichlorophenol	1600	U D	4000	1600	120
88-06-2	2,4,6-Trichlorophenol	800	U D	4000	800	120
120-83-2	2,4-Dichlorophenol	800	U D	4000	800	120
105-67-9	2,4-Dimethylphenol	1600	U D	4000	1600	800
51-28-5	2,4-Dinitrophenol	8100	U D	19000	8100	4000
121-14-2	2,4-Dinitrotoluene	1600	U D	4000	1600	800
87-65-0	2,6-Dichlorophenol	1600	U D	4000	1600	840
606-20-2	2,6-Dinitrotoluene	800	U D	4000	800	340
91-58-7	2-Chloronaphthalene	400	U D	4000	400	120
95-57-8	2-Chlorophenol	400	U D	4000	400	250
91-57-6	2-Methylnaphthalene	400	U D	4000	400	230
95-48-7	2-Methylphenol	400	U D	4000	400	160
88-74-4	2-Nitroaniline	800	U D	19000	800	610
88-75-5	2-Nitrophenol	800	U D	4000	800	120
15831-10-4	3 & 4 Methylphenol	800	U D	4000	800	400
91-94-1	3,3'-Dichlorobenzidine	4000	U D	19000	4000	1100
99-09-2	3-Nitroaniline	1600	U D	19000	1600	880
534-52-1	4,6-Dinitro-2-methylphenol	8000	U D	19000	8000	4000
101-55-3	4-Bromophenyl phenyl ether	400	U D	4000	400	230
59-50-7	4-Chloro-3-methylphenol	1600	U D	4000	1600	800
106-47-8	4-Chloroaniline	1600	U D	4000	1600	990
7005-72-3	4-Chlorophenyl phenyl ether	800	U D	4000	800	250
100-01-6	4-Nitroaniline	1600	U D	19000	1600	880
100-02-7	4-Nitrophenol	4000	U D	19000	4000	1200
83-32-9	Acenaphthene	210	U D	4000	210	120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: K1806.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.3(g) | Date Analyzed: 09/22/2011 00:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 10

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	400	U D	4000	400	210
98-86-2	Acetophenone	400	U D	4000	400	240
120-12-7	Anthracene	400	U D	4000	400	210
1912-24-9	Atrazine	1600	U D	4000	1600	450
100-52-7	Benzaldehyde	810	U M D	4000	810	470
92-87-5	Benzidine	48000	U D	48000	48000	12000
56-55-3	Benzo[a]anthracene	400	U D	4000	400	240
50-32-8	Benzo[a]pyrene	400	U D	4000	400	240
205-99-2	Benzo[b]fluoranthene	400	U D	4000	400	320
191-24-2	Benzo[g,h,i]perylene	400	U D	4000	400	190
207-08-9	Benzo[k]fluoranthene	800	U D	4000	800	480
65-85-0	Benzoic acid	8000	U D	19000	8000	4000
100-51-6	Benzyl alcohol	400	U D	4000	400	120
111-91-1	Bis(2-chloroethoxy)methane	800	U D	4000	800	280
111-44-4	Bis(2-chloroethyl)ether	400	U D	4000	400	200
117-81-7	Bis(2-ethylhexyl) phthalate	800	U D	4000	800	560
85-68-7	Butyl benzyl phthalate	800	U D	4000	800	520
105-60-2	Caprolactam	4000	U D	19000	4000	1300
86-74-8	Carbazole	810	U D	4000	810	440
218-01-9	Chrysene	400	U D	4000	400	330
53-70-3	Dibenz(a,h)anthracene	400	U D	4000	400	230
132-64-9	Dibenzofuran	400	U D	4000	400	240
84-66-2	Diethyl phthalate	400	U D	8000	400	310
131-11-3	Dimethyl phthalate	400	U D	4000	400	280
84-74-2	Di-n-butyl phthalate	400	U D	4000	400	350
117-84-0	Di-n-octyl phthalate	800	U D	4000	800	170
206-44-0	Fluoranthene	800	U D	4000	800	440
86-73-7	Fluorene	400	U D	4000	400	220
118-74-1	Hexachlorobenzene	800	U D	4000	800	350
87-68-3	Hexachlorobutadiene	800	U D	4000	800	120
77-47-4	Hexachlorocyclopentadiene	800	U D	21000	800	610
67-72-1	Hexachloroethane	400	U D	4000	400	260
193-39-5	Indeno[1,2,3-cd]pyrene	400	U D	4000	400	270
78-59-1	Isophorone	400	U D	4000	400	210

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: K1806.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:20

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.3(g) | Date Analyzed: 09/22/2011 00:46

Con. Extract Vol.: 1000(uL) | Dilution Factor: 10

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	800	U D	4000	800	380
98-95-3	Nitrobenzene	400	U D	4000	400	270
62-75-9	N-Nitrosodimethylamine	800	U D	6300	800	450
621-64-7	N-Nitrosodi-n-propylamine	800	U D	4000	800	380
86-30-6	N-Nitrosodiphenylamine	400	U D	4000	400	250
930-55-2	N-Nitrosopyrrolidine	1600	U D	4000	1600	770
87-86-5	Pentachlorophenol	8100	U D	19000	8100	4000
85-01-8	Phenanthrene	400	U D	4000	400	210
108-95-2	Phenol	400	U D	4000	400	220
129-00-0	Pyrene	150	J D	4800	400	150

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	79	D	35-125
321-60-8	2-Fluorobiphenyl	84	D	45-105
367-12-4	2-Fluorophenol (Surr)	76	D	35-105
4165-60-0	Nitrobenzene-d5 (Surr)	78	D	35-100
4165-62-2	Phenol-d5 (Surr)	84	D	40-100
1718-51-0	Terphenyl-d14 (Surr)	92	D	30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1806.D
Lab Smp Id: 280-20042-A-6-D Client Smp ID: TMCSD0601FA
Inj Date : 22-SEP-2011 00:46
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-6-D,10,
Misc Info : 280-20042-A-6-D
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 32
Dil Factor: 10.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	31.300	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
*	26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	212043	40.0000	
*	58 Naphthalene-d8	136	5.756	5.750	(1.000)	790887	40.0000	
*	96 Acenaphthene-d10	164	7.489	7.489	(1.000)	478630	40.0000	
*	135 Phenanthrene-d10	188	8.864	8.864	(1.000)	832473	40.0000	
*	166 Chrysene-d12	240	11.162	11.162	(1.000)	978387	40.0000	
*	179 Perylene-d12	264	12.431	12.437	(1.000)	964470	40.0000	
$	8 2-Fluorophenol	112	3.359	3.353	(0.741)	81772	11.3559	3628.07
$	15 Phenol-d5	99	4.164	4.164	(0.918)	109011	12.5868	4021.36
$	43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	56945	7.83594	2503.49(a)
$	81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	130266	8.36334	2671.99(a)
$	118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	32314	11.8578	3788.45
$	154 Terphenyl-d14	244	10.227	10.227	(0.916)	172033	9.16369	2927.70(a)
$	29 1,2-Dichlorobenzene-d4	152	4.675	4.681	(1.031)	34886	6.74568	2155.17(a)
$	22 2-Chlorophenol-d4	132	4.322	4.328	(0.953)	89347	12.8510	4105.75
	4 1,4-Dioxane	88	Compound Not Detected.					
	5 N-Nitrosodimethylamine	74	Compound Not Detected.					
	6 Pyridine	79	Compound Not Detected.					
	9 2-Picoline	93	Compound Not Detected.					
	10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
	11 Methyl methanesulfonate	80	Compound Not Detected.					
	12 N-Nitrosodiethylamine	102	Compound Not Detected.					
	13 Ethyl methanesulfonate	79	Compound Not Detected.					
	16 Phenol	94	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
18	Aniline	93	Compound Not Detected.					
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
89	1,4-Naphthoquinone	158	Compound Not Detected.					
90	1,4-Dinitrobenzene	168	Compound Not Detected.					
91	Dimethyl phthalate	163	Compound Not Detected.					
92	1,3-Dinitrobenzene	168	Compound Not Detected.					
93	2,6-Dinitrotoluene	165	Compound Not Detected.					
94	Acenaphthylene	152	Compound Not Detected.					
95	3-Nitroaniline	138	Compound Not Detected.					
97	Acenaphthene	153	Compound Not Detected.					
98	2,4-Dinitrophenol	184	Compound Not Detected.					
99	4-Nitrophenol	109	Compound Not Detected.					
100	Pentachlorobenzene	250	Compound Not Detected.					
101	2,4-Dinitrotoluene	165	Compound Not Detected.					
102	Dibenzofuran	168	Compound Not Detected.					
103	1-Naphthylamine	143	Compound Not Detected.					
104	2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106	2-Naphthylamine	143	Compound Not Detected.					
107	Diethyl phthalate	149	Compound Not Detected.					
108	Thionazin	97	Compound Not Detected.					
109	4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110	Fluorene	166	Compound Not Detected.					
111	5-Nitro-o-toluidine	152	Compound Not Detected.					
112	4-Nitroaniline	138	Compound Not Detected.					
113	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115	N-nitrosodiphenylamine	169	Compound Not Detected.					
114	Diphenylamine	169	Compound Not Detected.					
116	Azobenzene	77	Compound Not Detected.					
234	1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117	Sulfotepp	97	Compound Not Detected.					
119	Diallate (#1)	86	Compound Not Detected.					
120	1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121	Phorate	121	Compound Not Detected.					
122	Phenacetin	108	Compound Not Detected.					
123	Diallate (#2)	86	Compound Not Detected.					
124	4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125	Hexachlorobenzene	284	Compound Not Detected.					
126	Dimethoate	87	Compound Not Detected.					
127	Atrazine	200	Compound Not Detected.					
129	Pentachlorophenol	266	Compound Not Detected.					
130	4-Aminobiphenyl	169	Compound Not Detected.					
131	Pentachloronitrobenzene	237	Compound Not Detected.					
132	Pronamide	173	Compound Not Detected.					
133	Disulfoton	88	Compound Not Detected.					
134	2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136	Phenanthrene	178	Compound Not Detected.					
137	Anthracene	178	Compound Not Detected.					
140	Carbazole	167	Compound Not Detected.					
141	Alachlor	188	Compound Not Detected.					
142	Methyl parathion	109	Compound Not Detected.					
143	Di-n-butyl phthalate	149	Compound Not Detected.					
145	Parathion	109	Compound Not Detected.					
146	4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147	Methapyrilene	97	Compound Not Detected.					
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
151	Benzidine	184	Compound Not Detected.					
152	Pyrene	202	10.133	10.139	(0.908)	10478	0.38326	122.446(aQ)
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	Compound Not Detected.					
167	Chrysene	228	Compound Not Detected.					
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	Compound Not Detected.					
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	Compound Not Detected.					
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
188	Benzo(g,h,i)perylene	276	Compound Not Detected.					
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

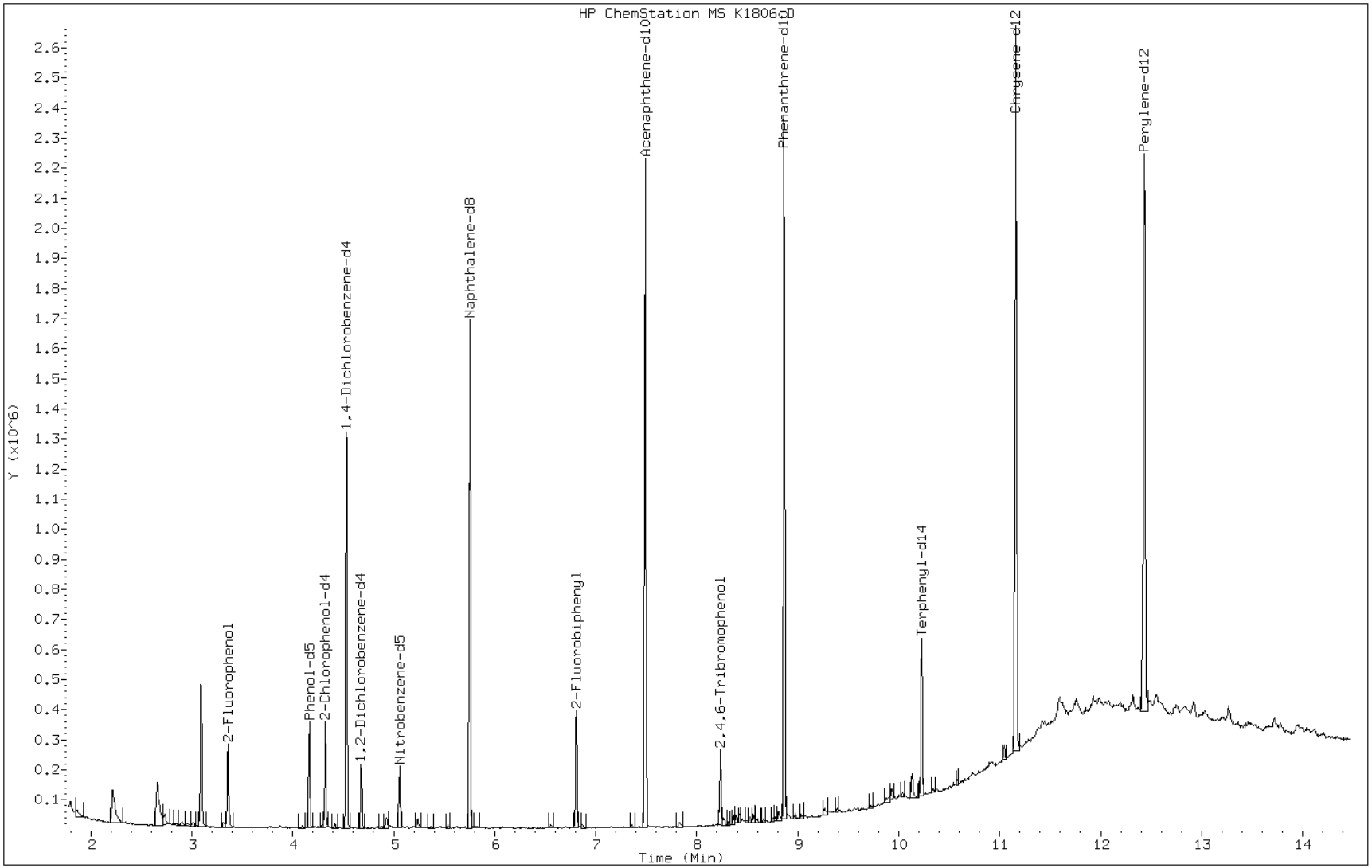
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1806.D

Date: 22-SEP-2011 00:46

Client ID: TMCSD0601FA Instrument: K.i

Sample Info: 280-20042-A-6-D,10, Operator: KIEKELD



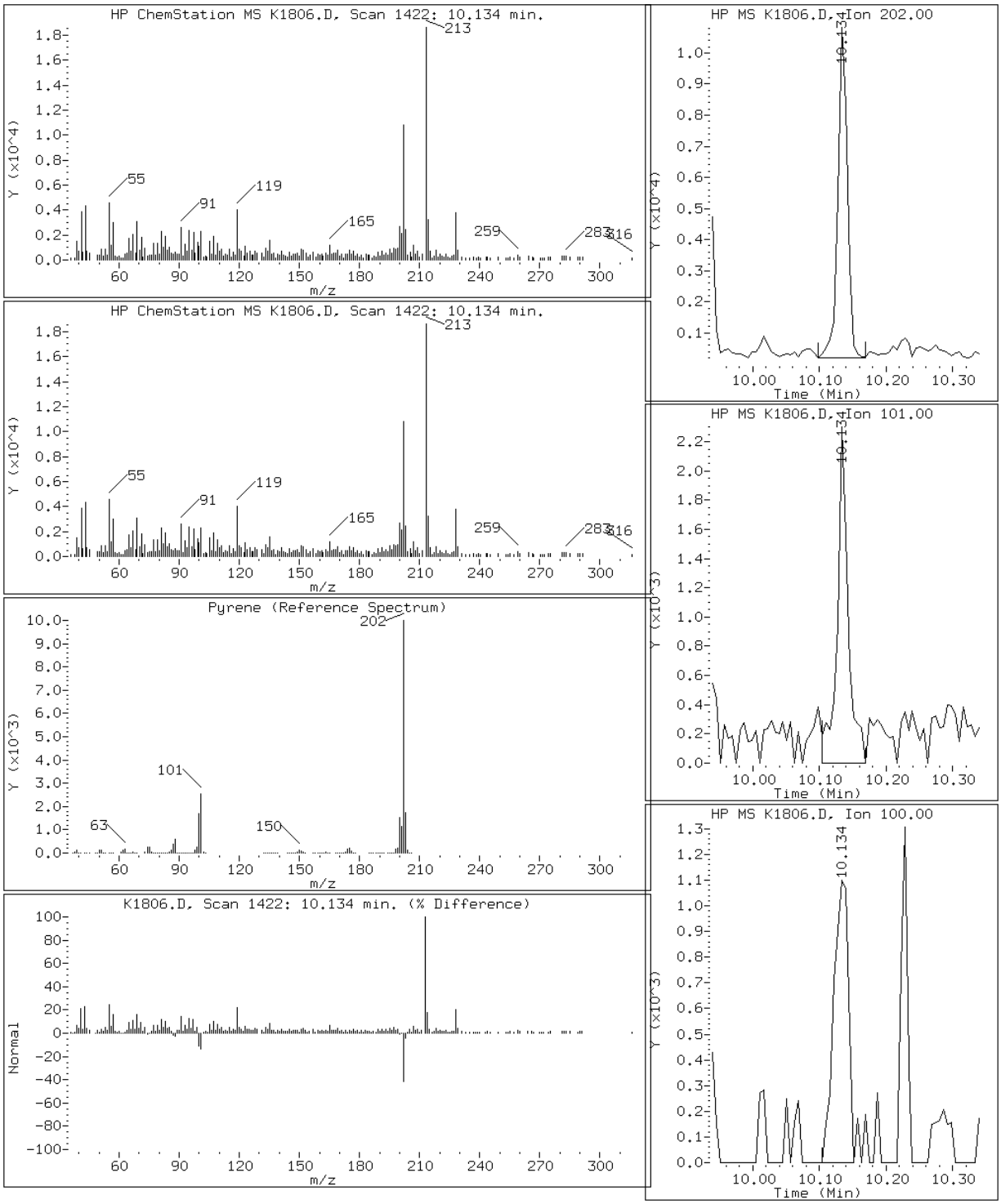
Data File: K1806.D

Date: 22-SEP-2011 00:46

Client ID: TMCSD0601FA Instrument: K.i

Sample Info: 280-20042-A-6-D,10, Operator: KIEKELD

152 Pyrene



Manual Integration Report

Data File: K1806.D
Inj. Date and Time: 22-SEP-2011 00:46
Instrument ID: K.i
Client ID: TMCSD0601FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

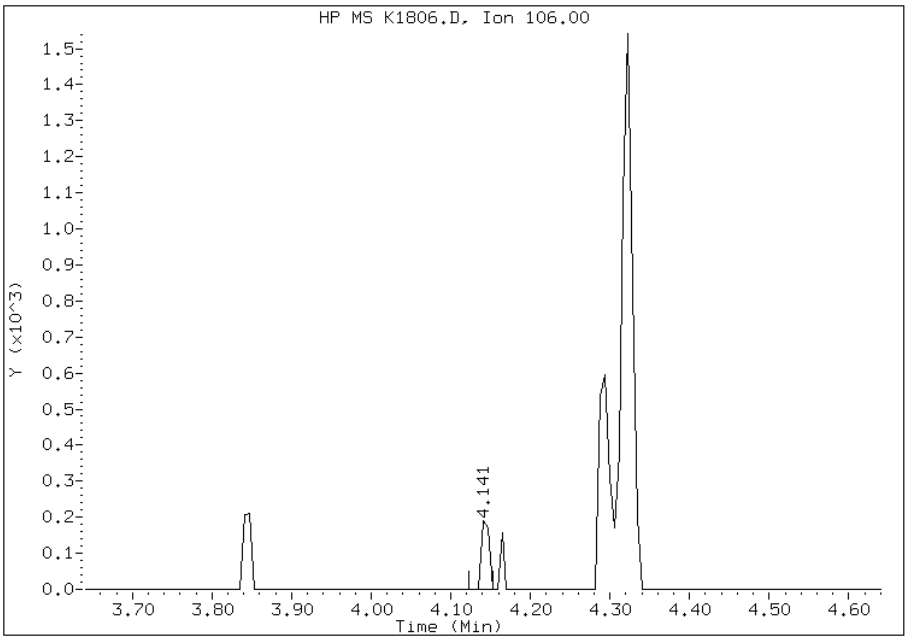
Processing Integration Results

RT: 4.14

Response: 126

Amount: 0

Conc: 8



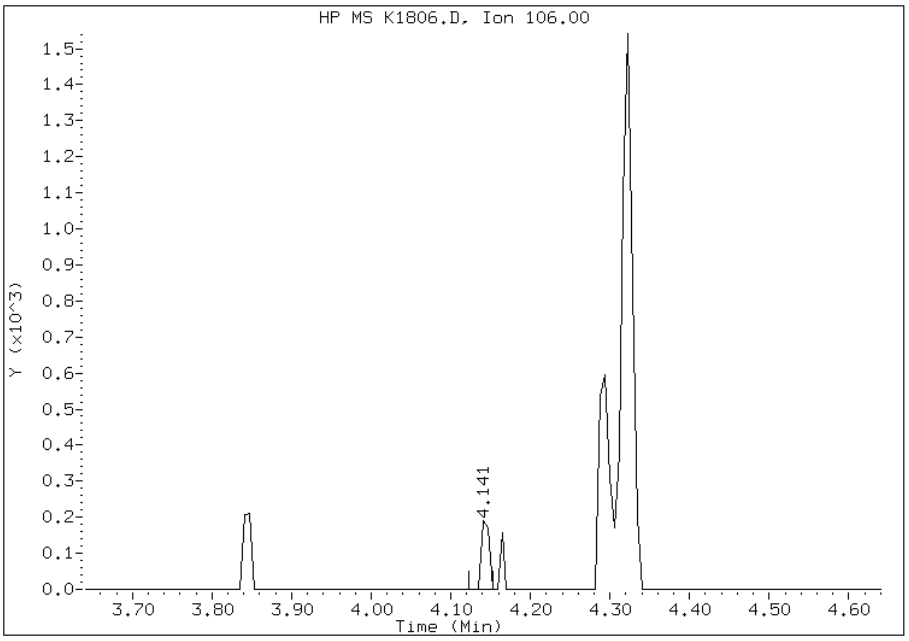
Manual Integration Results

RT: 4.14

Response: 126

Amount: 0

Conc: 8



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:18
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA | Lab Sample ID: 280-20042-7

Matrix: Solid | Lab File ID: K1807.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:45

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.0(g) | Date Analyzed: 09/22/2011 01:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	40	U	400	40	60
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	400	40	59
120-82-1	1,2,4-Trichlorobenzene	40	U	400	40	34
95-50-1	1,2-Dichlorobenzene	40	U	400	40	26
122-66-7	1,2-Diphenylhydrazine	40	U	400	40	26
541-73-1	1,3-Dichlorobenzene	40	U	400	40	14
106-46-7	1,4-Dichlorobenzene	40	U	400	40	16
108-60-1	2,2'-oxybis[1-chloropropane]	40	U	400	40	28
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	1900	40	160
95-95-4	2,4,5-Trichlorophenol	160	U	400	160	12
88-06-2	2,4,6-Trichlorophenol	79	U	400	79	12
120-83-2	2,4-Dichlorophenol	79	U	400	79	12
105-67-9	2,4-Dimethylphenol	160	U	400	160	79
51-28-5	2,4-Dinitrophenol	810	U	1900	810	400
121-14-2	2,4-Dinitrotoluene	160	U	400	160	79
87-65-0	2,6-Dichlorophenol	160	U	400	160	83
606-20-2	2,6-Dinitrotoluene	79	U	400	79	34
91-58-7	2-Chloronaphthalene	40	U	400	40	12
95-57-8	2-Chlorophenol	40	U	400	40	25
91-57-6	2-Methylnaphthalene	40	U	400	40	23
95-48-7	2-Methylphenol	40	U	400	40	16
88-74-4	2-Nitroaniline	79	U	1900	79	60
88-75-5	2-Nitrophenol	79	U	400	79	12
15831-10-4	3 & 4 Methylphenol	79	U	400	79	40
91-94-1	3,3'-Dichlorobenzidine	400	U	1900	400	110
99-09-2	3-Nitroaniline	160	U	1900	160	88
534-52-1	4,6-Dinitro-2-methylphenol	790	U	1900	790	400
101-55-3	4-Bromophenyl phenyl ether	40	U	400	40	23
59-50-7	4-Chloro-3-methylphenol	160	U	400	160	79
106-47-8	4-Chloroaniline	160	U	400	160	98
7005-72-3	4-Chlorophenyl phenyl ether	79	U	400	79	25
100-01-6	4-Nitroaniline	160	U	1900	160	87
100-02-7	4-Nitrophenol	400	U	1900	400	120
83-32-9	Acenaphthene	20	U	400	20	12

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA | Lab Sample ID: 280-20042-7

Matrix: Solid | Lab File ID: K1807.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:45

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.0(g) | Date Analyzed: 09/22/2011 01:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	40	U	400	40	20
98-86-2	Acetophenone	40	U	400	40	24
120-12-7	Anthracene	40	U	400	40	20
1912-24-9	Atrazine	160	U	400	160	44
100-52-7	Benzaldehyde	81	U M	400	81	47
92-87-5	Benzidine	4800	U	4800	4800	1200
56-55-3	Benzo[a]anthracene	40	U	400	40	24
50-32-8	Benzo[a]pyrene	40	U	400	40	24
205-99-2	Benzo[b]fluoranthene	40	U	400	40	32
191-24-2	Benzo[g,h,i]perylene	40	U	400	40	19
207-08-9	Benzo[k]fluoranthene	79	U	400	79	48
65-85-0	Benzoic acid	790	U	1900	790	400
100-51-6	Benzyl alcohol	40	U	400	40	12
111-91-1	Bis(2-chloroethoxy)methane	79	U	400	79	28
111-44-4	Bis(2-chloroethyl)ether	40	U	400	40	20
117-81-7	Bis(2-ethylhexyl) phthalate	79	U	400	79	55
85-68-7	Butyl benzyl phthalate	79	U	400	79	52
105-60-2	Caprolactam	400	U	1900	400	130
86-74-8	Carbazole	81	U	400	81	43
218-01-9	Chrysene	40	U	400	40	32
53-70-3	Dibenz(a,h)anthracene	40	U	400	40	23
132-64-9	Dibenzofuran	40	U	400	40	24
84-66-2	Diethyl phthalate	40	U	790	40	31
131-11-3	Dimethyl phthalate	40	U	400	40	28
84-74-2	Di-n-butyl phthalate	40	U	400	40	35
117-84-0	Di-n-octyl phthalate	79	U	400	79	17
206-44-0	Fluoranthene	79	U	400	79	43
86-73-7	Fluorene	40	U	400	40	22
118-74-1	Hexachlorobenzene	79	U	400	79	35
87-68-3	Hexachlorobutadiene	79	U	400	79	12
77-47-4	Hexachlorocyclopentadiene	79	U	2000	79	60
67-72-1	Hexachloroethane	40	U	400	40	26
193-39-5	Indeno[1,2,3-cd]pyrene	40	U	400	40	26
78-59-1	Isophorone	40	U	400	40	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA | Lab Sample ID: 280-20042-7

Matrix: Solid | Lab File ID: K1807.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 13:45

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.0(g) | Date Analyzed: 09/22/2011 01:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	79	U	400	79	37
98-95-3	Nitrobenzene	40	U	400	40	26
62-75-9	N-Nitrosodimethylamine	79	U	630	79	44
621-64-7	N-Nitrosodi-n-propylamine	79	U	400	79	37
86-30-6	N-Nitrosodiphenylamine	40	U	400	40	25
930-55-2	N-Nitrosopyrrolidine	160	U	400	160	77
87-86-5	Pentachlorophenol	810	U	1900	810	400
85-01-8	Phenanthrene	40	U	400	40	20
108-95-2	Phenol	36	J	400	40	22
129-00-0	Pyrene	40	U	480	40	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		35-125
321-60-8	2-Fluorobiphenyl	72		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	75		35-100
4165-62-2	Phenol-d5 (Surr)	74		40-100
1718-51-0	Terphenyl-d14 (Surr)	80		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1807.D
Lab Smp Id: 280-20042-A-7-F Client Smp ID: TMCSD0701FA
Inj Date : 22-SEP-2011 01:06
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-7-F
Misc Info : 280-20042-A-7-F
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 33
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	32.000	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
*	26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	222781	40.0000	
*	58 Naphthalene-d8	136	5.756	5.750	(1.000)	861077	40.0000	
*	96 Acenaphthene-d10	164	7.490	7.489	(1.000)	510016	40.0000	
*	135 Phenanthrene-d10	188	8.864	8.864	(1.000)	880516	40.0000	
*	166 Chrysene-d12	240	11.162	11.162	(1.000)	1007762	40.0000	
*	179 Perylene-d12	264	12.431	12.437	(1.000)	990457	40.0000	
$	8 2-Fluorophenol	112	3.371	3.353	(0.743)	815679	107.815	3369.23
$	15 Phenol-d5	99	4.170	4.164	(0.920)	1015684	111.622	3488.20
$	43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	590941	74.6882	2334.00
$	81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1195606	72.0366	2251.14
$	118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	361593	124.523	3891.36
$	154 Terphenyl-d14	244	10.228	10.227	(0.916)	1552359	80.2793	2508.73
$	29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	362600	66.7341	2085.44
$	22 2-Chlorophenol-d4	132	4.329	4.328	(0.955)	860086	117.746	3679.55
	4 1,4-Dioxane	88	Compound Not Detected.					
	5 N-Nitrosodimethylamine	74	Compound Not Detected.					
	6 Pyridine	79	Compound Not Detected.					
	9 2-Picoline	93	Compound Not Detected.					
	10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
	11 Methyl methanesulfonate	80	Compound Not Detected.					
	12 N-Nitrosodiethylamine	102	Compound Not Detected.					
	13 Ethyl methanesulfonate	79	Compound Not Detected.					
	16 Phenol	94	4.182	4.181	(0.922)	8491	0.89478	27.9618(aQ)
	18 Aniline	93	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					
89	1,4-Naphthoquinone	158	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
90	1,4-Dinitrobenzene	168	Compound Not Detected.					
91	Dimethyl phthalate	163	Compound Not Detected.					
92	1,3-Dinitrobenzene	168	Compound Not Detected.					
93	2,6-Dinitrotoluene	165	Compound Not Detected.					
94	Acenaphthylene	152	Compound Not Detected.					
95	3-Nitroaniline	138	Compound Not Detected.					
97	Acenaphthene	153	Compound Not Detected.					
98	2,4-Dinitrophenol	184	Compound Not Detected.					
99	4-Nitrophenol	109	Compound Not Detected.					
100	Pentachlorobenzene	250	Compound Not Detected.					
101	2,4-Dinitrotoluene	165	Compound Not Detected.					
102	Dibenzofuran	168	Compound Not Detected.					
103	1-Naphthylamine	143	Compound Not Detected.					
104	2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106	2-Naphthylamine	143	Compound Not Detected.					
107	Diethyl phthalate	149	Compound Not Detected.					
108	Thionazin	97	Compound Not Detected.					
109	4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110	Fluorene	166	Compound Not Detected.					
111	5-Nitro-o-toluidine	152	Compound Not Detected.					
112	4-Nitroaniline	138	Compound Not Detected.					
113	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115	N-nitrosodiphenylamine	169	Compound Not Detected.					
114	Diphenylamine	169	Compound Not Detected.					
116	Azobenzene	77	Compound Not Detected.					
234	1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117	Sulfotepp	97	Compound Not Detected.					
119	Diallate (#1)	86	Compound Not Detected.					
120	1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121	Phorate	121	Compound Not Detected.					
122	Phenacetin	108	Compound Not Detected.					
123	Diallate (#2)	86	Compound Not Detected.					
124	4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125	Hexachlorobenzene	284	Compound Not Detected.					
126	Dimethoate	87	Compound Not Detected.					
127	Atrazine	200	Compound Not Detected.					
129	Pentachlorophenol	266	Compound Not Detected.					
130	4-Aminobiphenyl	169	Compound Not Detected.					
131	Pentachloronitrobenzene	237	Compound Not Detected.					
132	Pronamide	173	Compound Not Detected.					
133	Disulfoton	88	Compound Not Detected.					
134	2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136	Phenanthrene	178	Compound Not Detected.					
137	Anthracene	178	Compound Not Detected.					
140	Carbazole	167	Compound Not Detected.					
141	Alachlor	188	Compound Not Detected.					
142	Methyl parathion	109	Compound Not Detected.					
143	Di-n-butyl phthalate	149	Compound Not Detected.					
145	Parathion	109	Compound Not Detected.					
146	4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147	Methapyrilene	97	Compound Not Detected.					
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	Compound Not Detected.					
151	Benzidine	184	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
152	Pyrene	202	Compound Not Detected.					
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	Compound Not Detected.					
167	Chrysene	228	Compound Not Detected.					
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	Compound Not Detected.					
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	Compound Not Detected.					
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
188	Benzo(g,h,i)perylene	276	Compound Not Detected.					
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

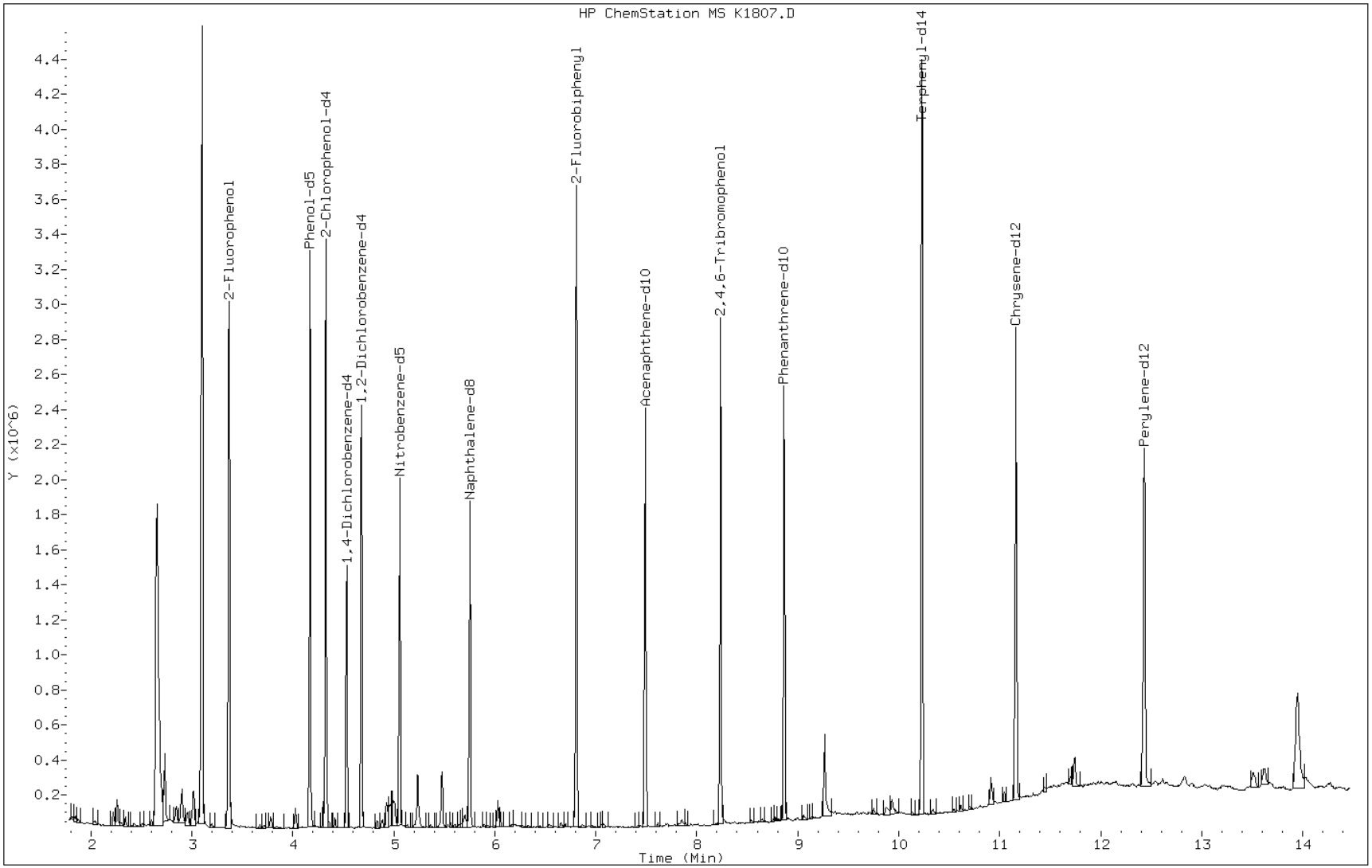
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1807.D

Date: 22-SEP-2011 01:06

Client ID: TMCSD0701FA Instrument: K.i

Sample Info: 280-20042-A-7-F Operator: KIEKELD



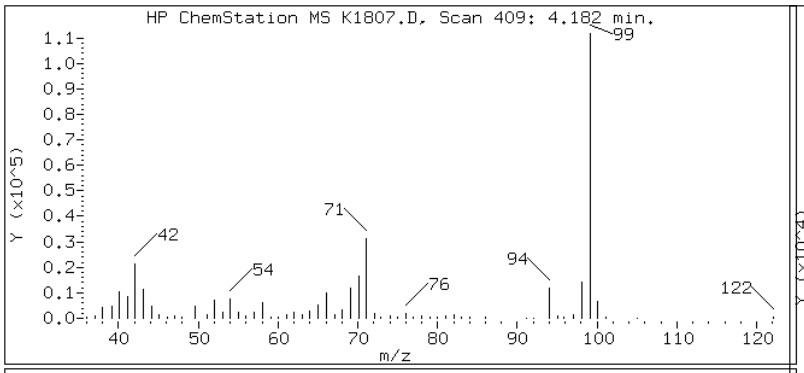
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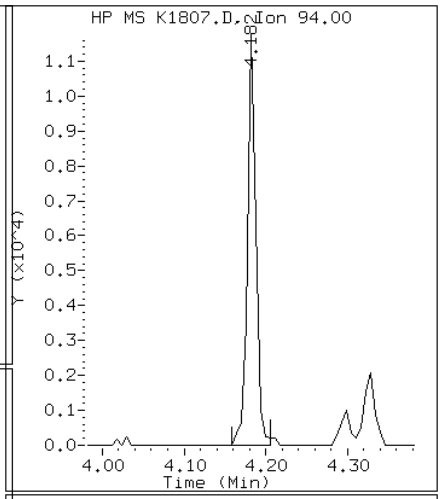
Date: 22-SEP-2011 01:06

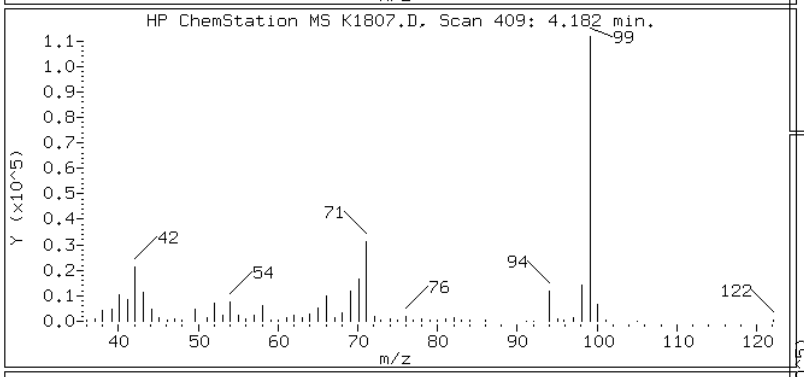
Client ID: TMCSD0701FA Instrument: K.i

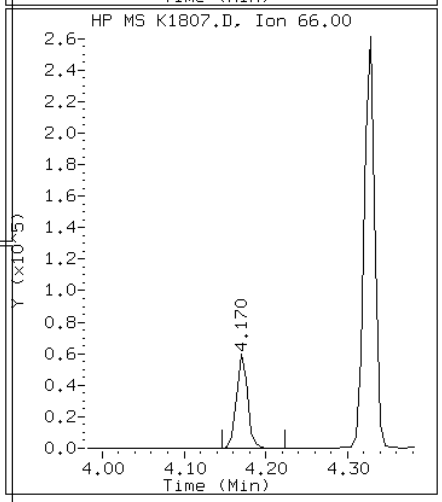
Sample Info: 280-20042-A-7-F Operator: KIEKELD

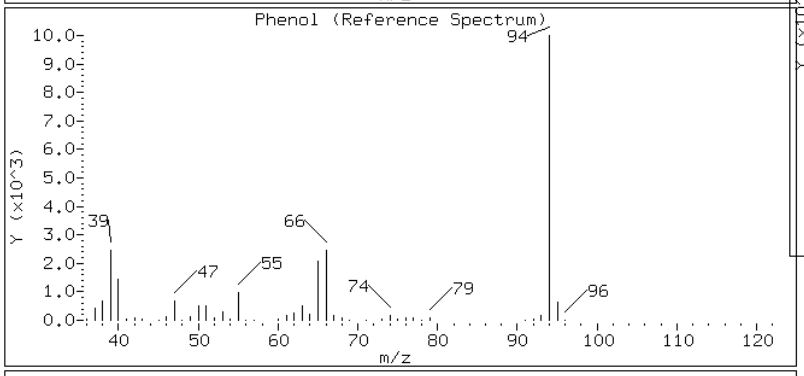
16 Phenol

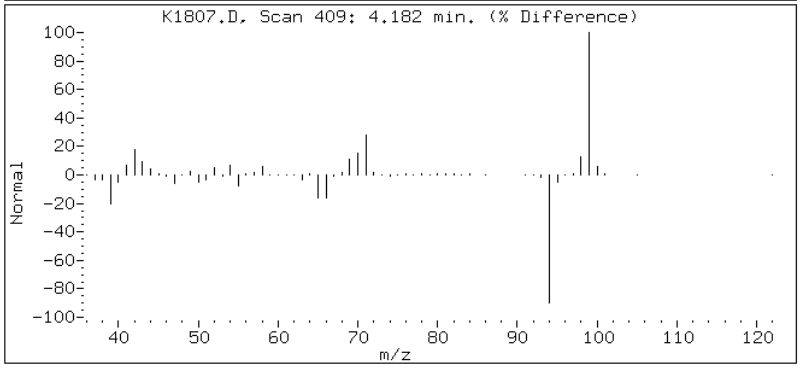












Manual Integration Report

Data File: K1807.D
Inj. Date and Time: 22-SEP-2011 01:06
Instrument ID: K.i
Client ID: TMCSD0701FA
Compound: 14 Benzaldehyde
CAS #: 100-52-7
Report Date: 09/22/2011

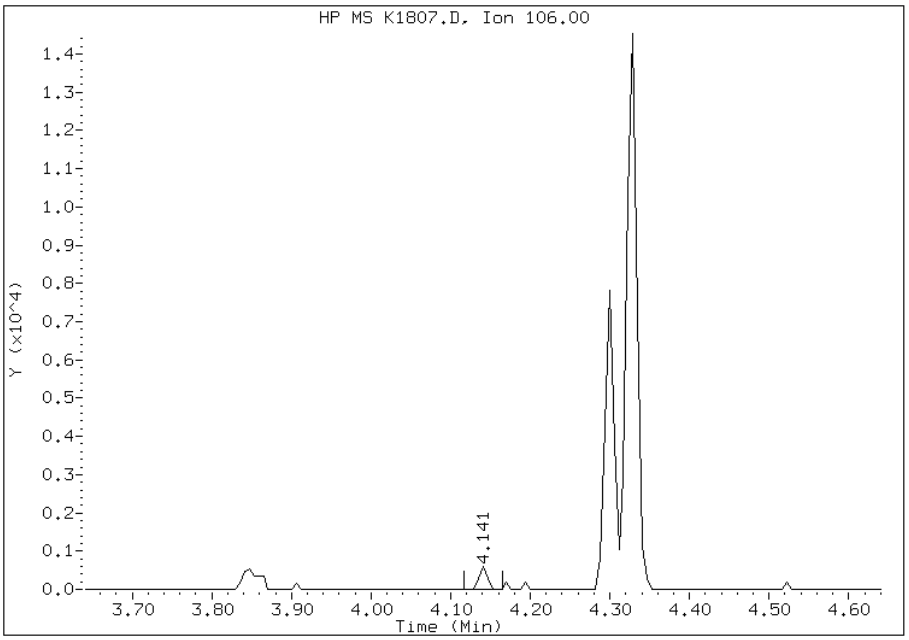
Processing Integration Results

RT: 4.14

Response: 420

Amount: 0

Conc: 3



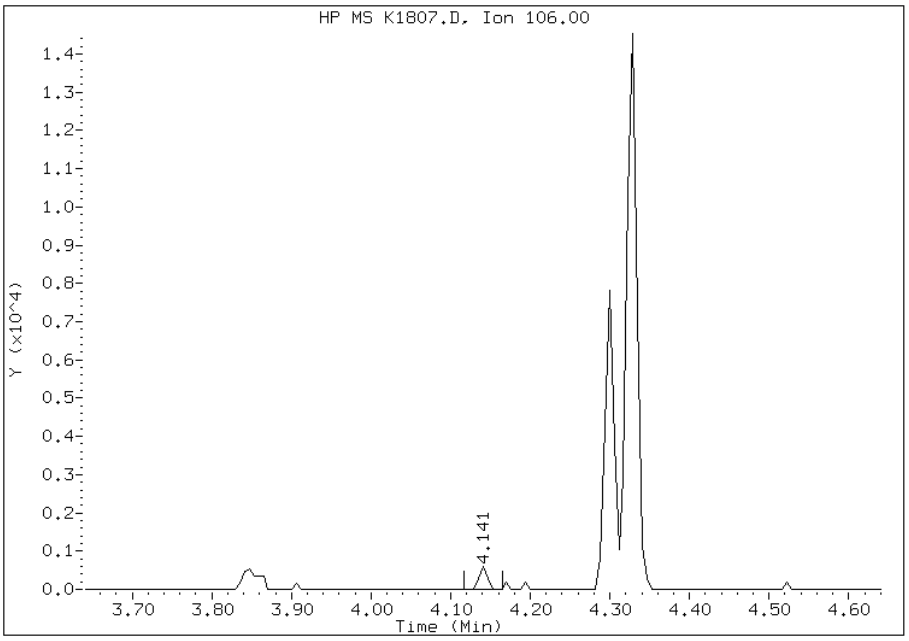
Manual Integration Results

RT: 4.14

Response: 420

Amount: 0

Conc: 3



Manually Integrated By: kiekeld
Modification Date: 22-Sep-2011 12:18
Manual Integration Reason: Analyte not Identified by the Data System

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 79860

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2011 11:05 Calibration End Date: 08/04/2011 13:13 Calibration ID: 6702

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD010 280-79860/3	K1508.D
Level 2	STD020 280-79860/4	K1509.D
Level 3	STD050 280-79860/5	K1510.D
Level 4	ICIS 280-79860/2	K1507.D
Level 5	STD120 280-79860/6	K1511.D
Level 6	STD160 280-79860/7	K1512.D
Level 7	STD200 280-79860/8	K1513.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzaldehyde	0.9875 0.8599	0.9877 0.8322	0.9458	0.9237	0.9022	Ave		0.9199				6.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 79860

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/04/2011 11:05 Calibration End Date: 08/04/2011 13:13 Calibration ID: 6702

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD010 280-79860/3	K1508.D
Level 2	STD020 280-79860/4	K1509.D
Level 3	STD050 280-79860/5	K1510.D
Level 4	ICIS 280-79860/2	K1507.D
Level 5	STD120 280-79860/6	K1511.D
Level 6	STD160 280-79860/7	K1512.D
Level 7	STD200 280-79860/8	K1513.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzaldehyde	DCB	Ave	48576 685109	107736 868150	236348	379513	537395	10.0 160	20.0 200	50.0	80.0	120

Curve Type Legend:
Ave = Average ISTD

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1507.D
Lab Smp Id: ICIS-771759 Client Smp ID: MS-BZHD-080_00006
Inj Date : 04-AUG-2011 11:05
Operator : KIEKELD Inst ID: K.i
Smp Info : ICIS-771759,,MS-BZHD-080_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 13:13 Cal File: K1513.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

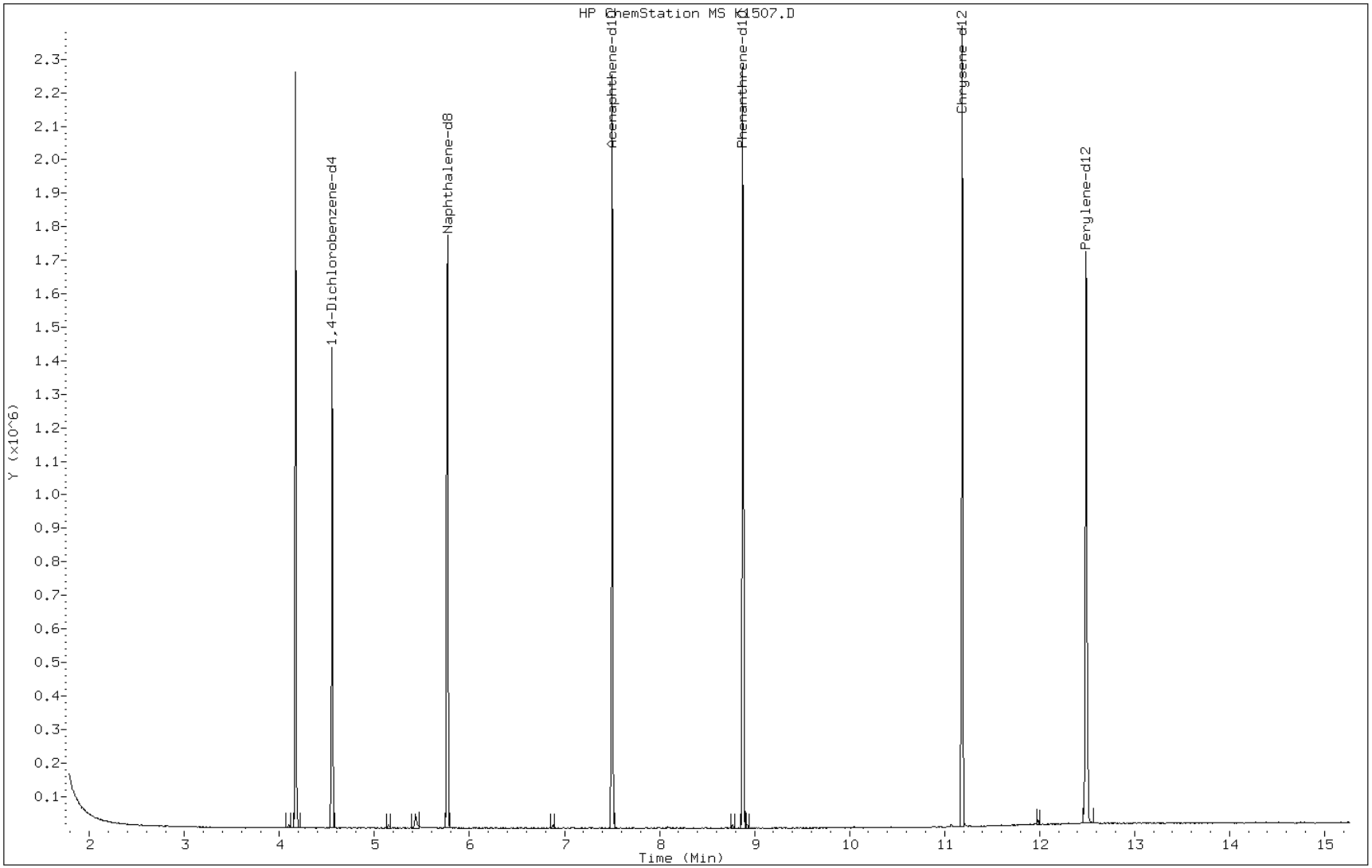
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	205423	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	784220	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	465385	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	795102	40.0000	
* 166 Chrysene-d12	240	11.185	11.185	(1.000)	893402	40.0000	
* 179 Perylene-d12	264	12.490	12.490	(1.000)	896312	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	379513	80.0000	80.3364

Data File: K1507.D

Date: 04-AUG-2011 11:05

Client ID: MS-BZHD-080_00006 Instrument: K.i

Sample Info: ICIS-771759,,MS-BZHD-080_00006 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1508.D
Lab Smp Id: STD010-771756 Client Smp ID: MS-BZHD-010_00006
Inj Date : 04-AUG-2011 11:26
Operator : KIEKELD Inst ID: K.i
Smp Info : STD010-771756,,MS-BZHD-010_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 11:05 Cal File: K1507.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

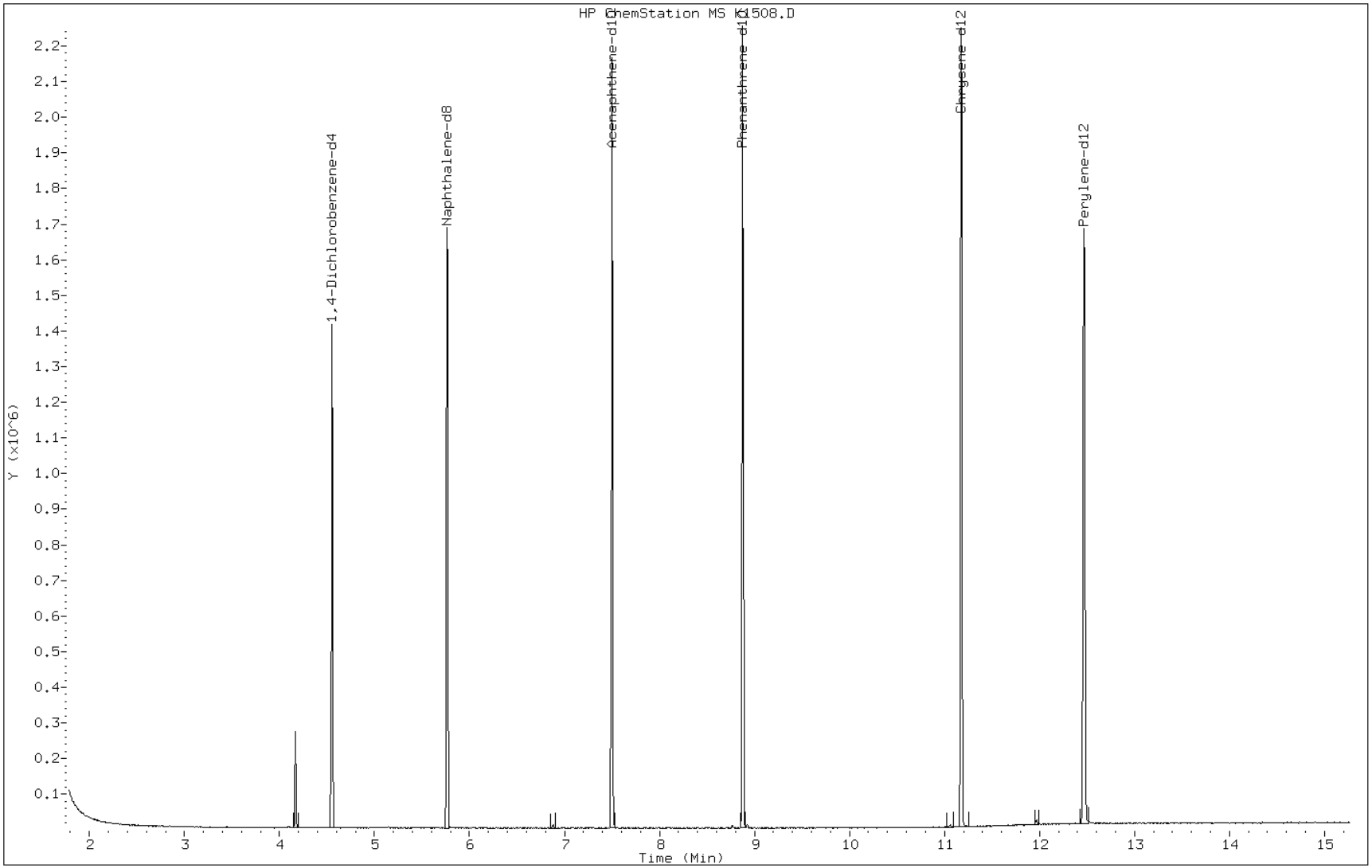
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	196763	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	755371	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	449946	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	786009	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	896700	40.0000	
* 179 Perylene-d12	264	12.466	12.466	(1.000)	886635	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	48576	10.0000	10.7353

Data File: K1508.D

Date: 04-AUG-2011 11:26

Client ID: MS-BZHD-010_00006 Instrument: K.i

Sample Info: STD010-771756,,MS-BZHD-010_00006 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1509.D
Lab Smp Id: STD020-771757 Client Smp ID: MS-BZHD-020_00006
Inj Date : 04-AUG-2011 11:48
Operator : KIEKELD Inst ID: K.i
Smp Info : STD020-771757,,MS-BZHD-020_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 11:26 Cal File: K1508.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

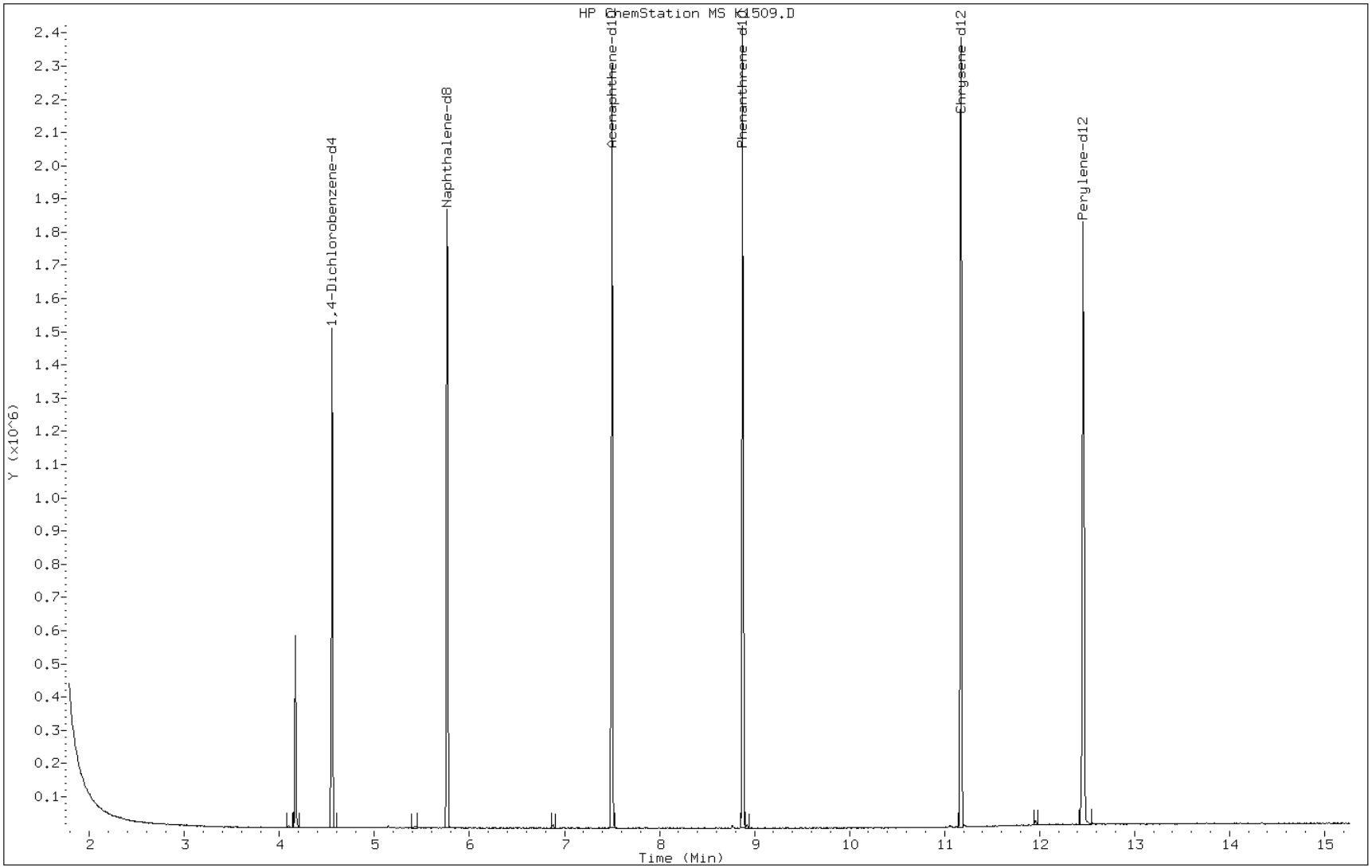
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	218155	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	824865	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	495686	40.0000	
* 135 Phenanthrene-d10	188	8.877	8.877	(1.000)	842518	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	918563	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	915466	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	107736	20.0000	21.4749

Data File: K1509.D

Date: 04-AUG-2011 11:48

Client ID: MS-BZHD-020_00006 Instrument: K.i

Sample Info: STD020-771757,,MS-BZHD-020_00006 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1510.D
Lab Smp Id: STD050-771758 Client Smp ID: MS-BZHD-050_00006
Inj Date : 04-AUG-2011 12:09
Operator : KIEKELD Inst ID: K.i
Smp Info : STD050-771758,,MS-BZHD-050_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 11:48 Cal File: K1509.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

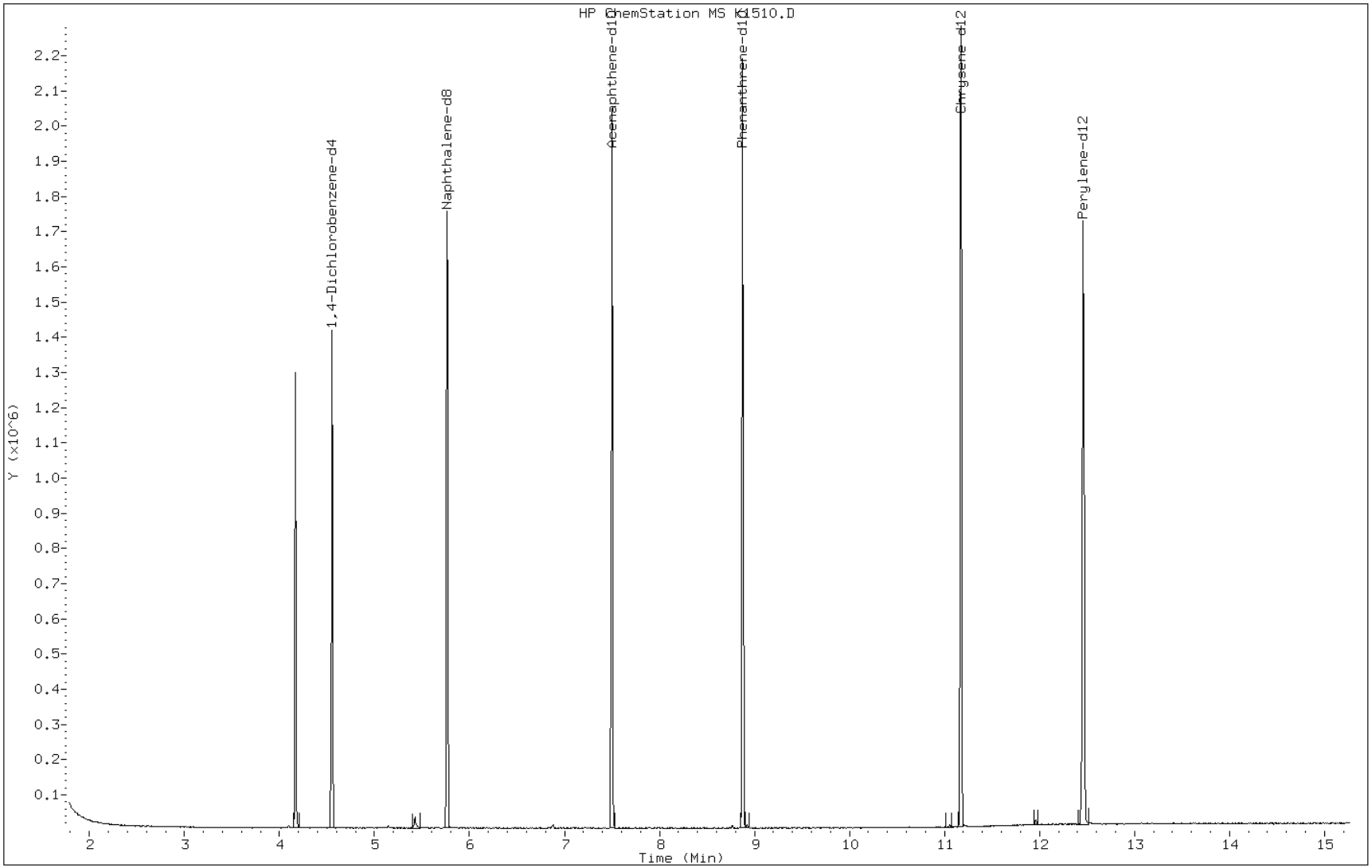
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	199921	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	755760	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	454697	40.0000	
* 135 Phenanthrene-d10	188	8.877	8.877	(1.000)	784836	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	890057	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	881152	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	236348	50.0000	51.4077

Data File: K1510.D

Date: 04-AUG-2011 12:09

Client ID: MS-BZHD-050_00006 Instrument: K.i

Sample Info: STD050-771758,,MS-BZHD-050_00006 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1511.D
Lab Smp Id: STD120-771760 Client Smp ID: MS-BZHD-120_00006
Inj Date : 04-AUG-2011 12:30
Operator : KIEKELD Inst ID: K.i
Smp Info : STD120-771760,,MS-BZHD-120_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 12:09 Cal File: K1510.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

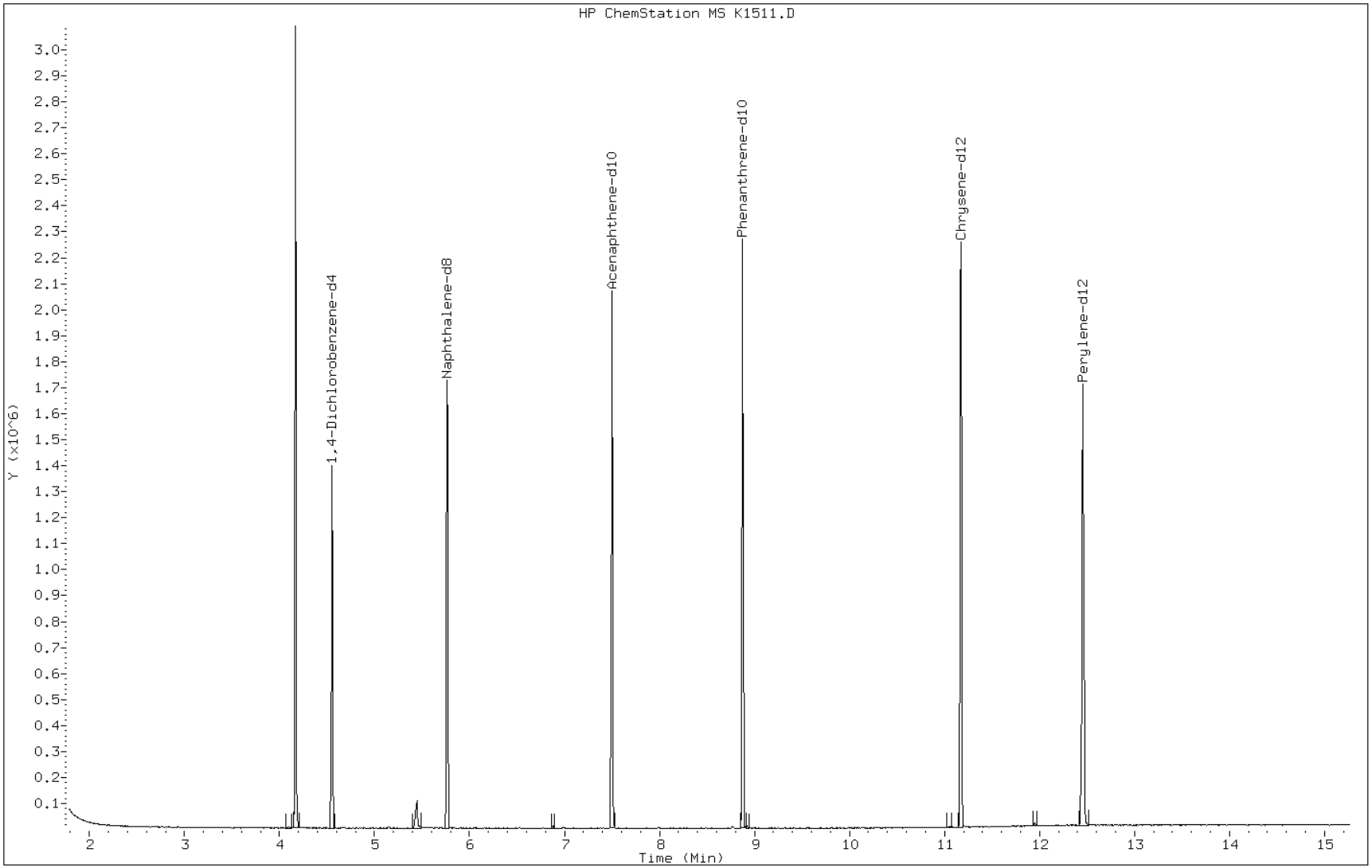
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	198539	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	756546	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	455360	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	800954	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	918690	40.0000	
* 179 Perylene-d12	264	12.455	12.455	(1.000)	911822	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	537395	120.000	117.702

Data File: K1511.D

Date: 04-AUG-2011 12:30

Client ID: MS-BZHD-120_00006 Instrument: K.i

Sample Info: STD120-771760,,MS-BZHD-120_00006 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1512.D
Lab Smp Id: STD160-771761 Client Smp ID: MS-BZHD-160_00007
Inj Date : 04-AUG-2011 12:52
Operator : KIEKELD Inst ID: K.i
Smp Info : STD160-771761,,MS-BZHD-160_00007
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 12:30 Cal File: K1511.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

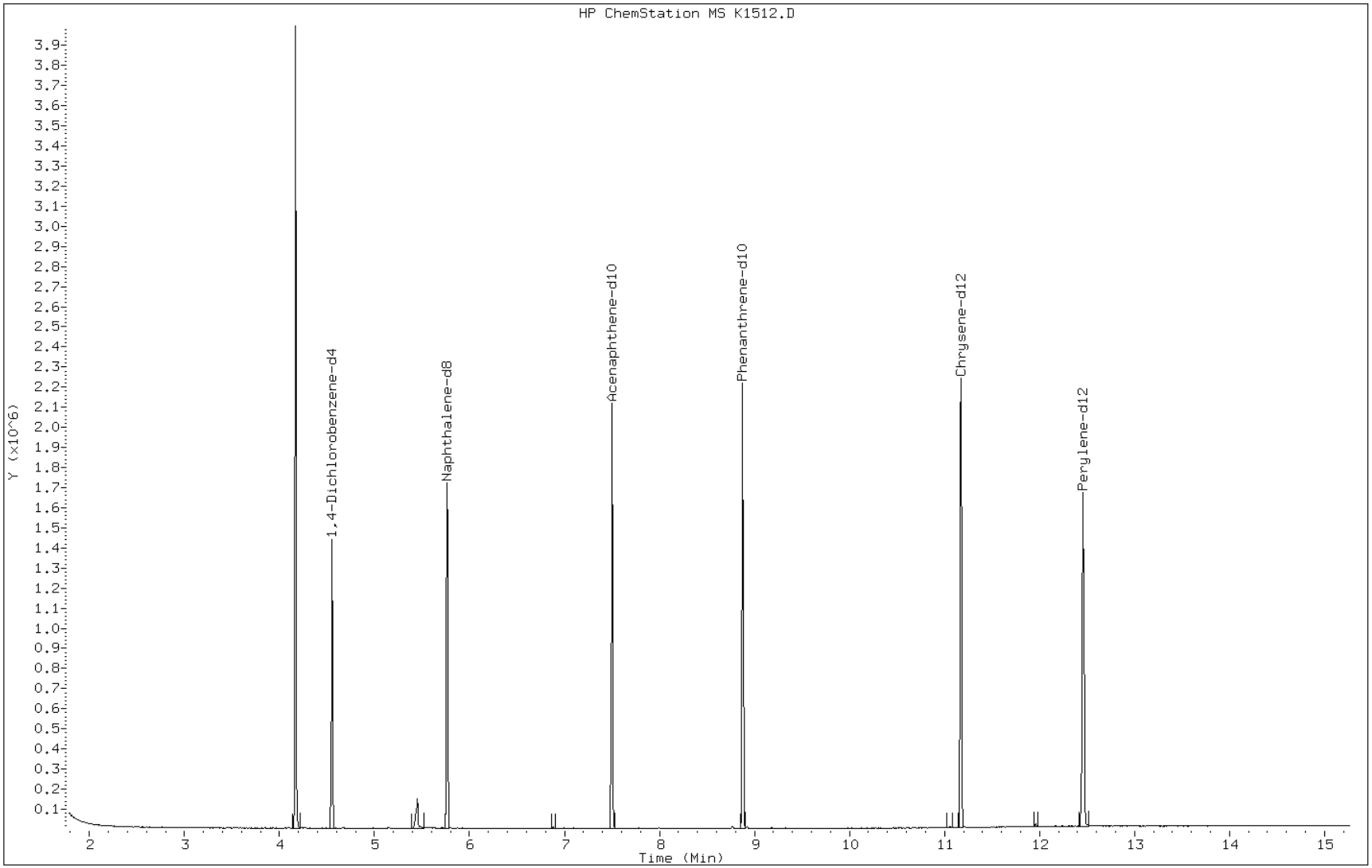
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	199174	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	753490	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	451604	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	788410	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	908322	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	896488	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	685109	160.000	149.576

Data File: K1512.D

Date: 04-AUG-2011 12:52

Client ID: MS-BZHD-160_00007 Instrument: K.i

Sample Info: STD160-771761,,MS-BZHD-160_00007 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1513.D
Lab Smp Id: STD200-771778 Client Smp ID: MS-BZHD-200_00006
Inj Date : 04-AUG-2011 13:13
Operator : KIEKELD Inst ID: K.i
Smp Info : STD200-771778,,MS-BZHD-200_00006
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\8270C.m
Meth Date : 04-Aug-2011 14:05 K.i Quant Type: ISTD
Cal Date : 04-AUG-2011 12:52 Cal File: K1512.D
Als bottle: 8 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

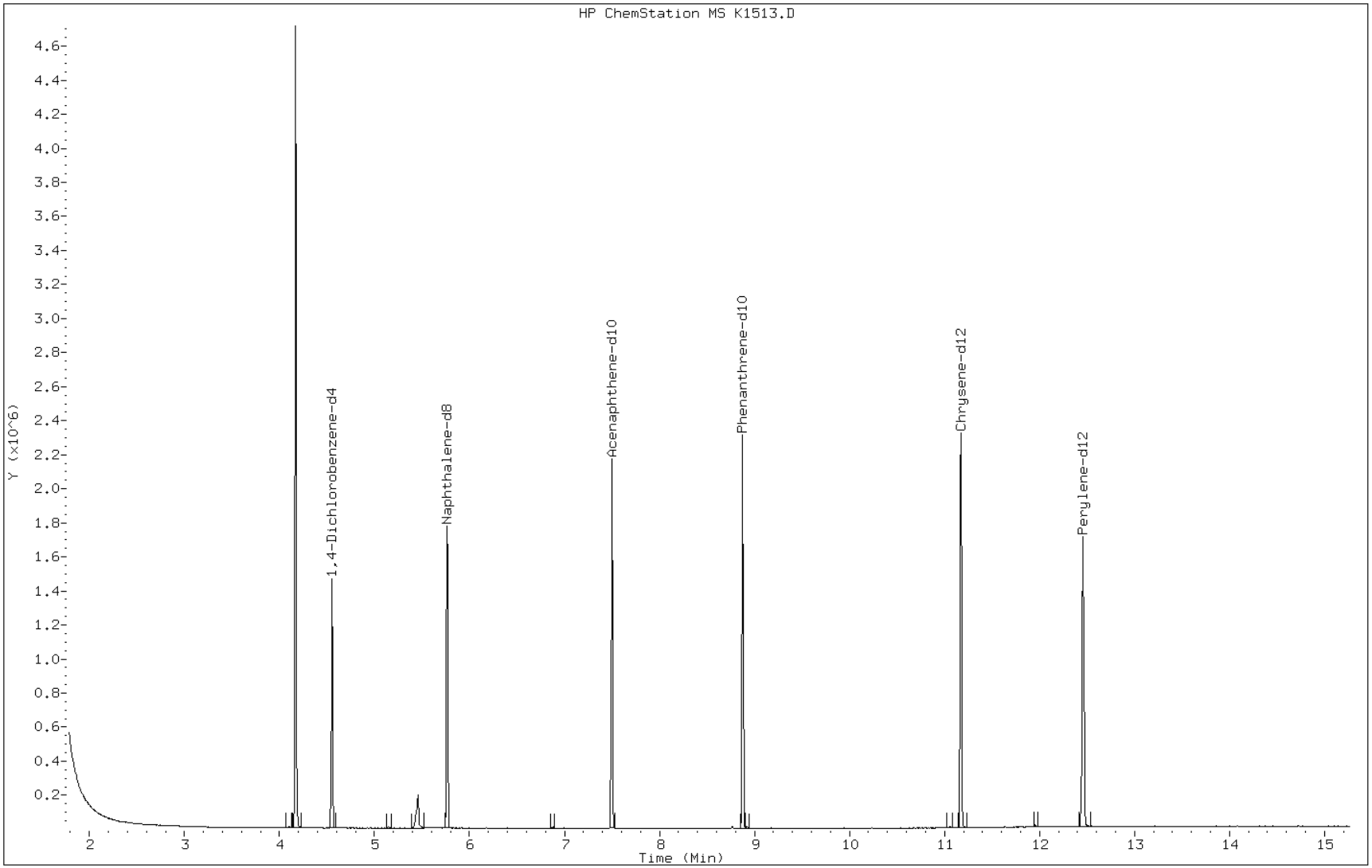
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	208646	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	796342	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	475629	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	817952	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	935507	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	925434	40.0000	
14 Benzaldehyde	106	4.170	4.170	(0.916)	868150	200.000	180.934

Data File: K1513.D

Date: 04-AUG-2011 13:13

Client ID: MS-BZHD-200_00006 Instrument: K.i

Sample Info: STD200-771778,,MS-BZHD-200_00006 Operator: KIEKELD



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD004 280-80421/3	K1546.D
Level 2	STD010 280-80421/4	K1547.D
Level 3	STD020 280-80421/5	K1548.D
Level 4	STD050 280-80421/6	K1549.D
Level 5	ICIS 280-80421/2	K1545.D
Level 6	STD120 280-80421/7	K1550.D
Level 7	STD160 280-80421/8	K1551.D
Level 8	STD200 280-80421/9	K1552.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.6191 0.5834	0.6497 0.5837	0.5894 0.5935	0.5974	0.6017	Ave		0.6022				3.7		15.0			
N-Nitrosodimethylamine	+++++ 0.9076	0.9639 0.9162	0.9308 0.9299	0.9449	0.9429	Ave		0.9337				2.0		15.0			
Pyridine	+++++ 1.6415	1.7328 1.6459	1.6777 1.6766	1.6819	1.7131	Ave		1.6814				2.0		15.0			
Phenol	+++++ 1.6122	1.9080 1.5650	1.8375 1.5318	1.7642	1.7081	Ave		1.7038				8.3		15.0			
Aniline	+++++ 2.0490	2.2177 2.0333	2.1992 1.9763	2.1622	2.1501	Ave		2.1125				4.4		15.0			
Bis(2-chloroethyl)ether	+++++ 1.1442	1.4123 1.1056	1.3560 1.1192	1.2683	1.2013	Ave		1.2296				9.8		15.0			
2-Chlorophenol	+++++ 1.3107	1.5449 1.2820	1.4919 1.2591	1.4433	1.3885	Ave		1.3887				7.9		15.0			
1,3-Dichlorobenzene	1.7889 1.5474	1.8293 1.5124	1.7288 1.5026	1.6938	1.6395	Ave		1.6553				7.6		15.0			
1,4-Dichlorobenzene	1.7703 1.5523	1.8369 1.5020	1.7455 1.5036	1.6918	1.6501	Ave		1.6566				7.7		15.0			
Benzyl alcohol	+++++ 0.8798	0.9753 0.8686	0.9556 0.8692	0.9306	0.9174	Ave		0.9138				4.7		15.0			
1,2-Dichlorobenzene	1.6520 1.4374	1.7054 1.3950	1.6474 1.3551	1.5754	1.5142	Ave		1.5352				8.5		15.0			
2-Methylphenol	+++++ 1.2353	1.4120 1.2038	1.3505 1.1882	1.3328	1.2719	Ave		1.2849				6.5		15.0			
2,2'-oxybis[1-chloropropane]	+++++ 1.9110	2.2431 1.8194	2.1454 1.7953	2.0604	2.0010	Ave		1.9965				8.3		15.0			
3 & 4 Methylphenol	+++++ 1.2872	1.4993 1.2610	1.4214 1.2584	1.3859	1.3249	Ave		1.3483				6.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Methylphenol	+++++ 1.2872	1.4993 1.2610	1.4214 1.2584	1.3859	1.3249	Ave		1.3483				6.7		15.0			
N-Nitrosodi-n-propylamine	+++++ 0.8810	1.0552 0.8129	1.0304 0.7898	0.9897	0.9193	Ave		0.9255			0.0500	11.3		15.0			
Acetophenone	+++++ 1.6915	2.0572 1.6018	1.9994 1.5557	1.8792	1.7896	Ave		1.7964				10.7		15.0			
Hexachloroethane	0.6312 0.5719	0.6586 0.5626	0.6465 0.5590	0.6265	0.6070	Ave		0.6079				6.4		15.0			
Nitrobenzene	+++++ 0.3497	0.3804 0.3399	0.3818 0.3259	0.3726	0.3659	Ave		0.3595				6.0		15.0			
Isophorone	+++++ 0.5994	0.6776 0.5888	0.6767 0.5785	0.6437	0.6219	Ave		0.6267				6.5		15.0			
2-Nitrophenol	+++++ 0.1752	0.1847 0.1734	0.1860 0.1695	0.1899	0.1813	Ave		0.1800				4.2		15.0			
2,4-Dimethylphenol	+++++ 0.3100	0.3735 0.2996	0.3728 0.2879	0.3491	0.3281	Ave		0.3316				10.4		15.0			
Benzoic acid	+++++ 0.1973	+++++ 0.2069	0.1697 0.2202	0.1957	0.1864	Ave		0.1961				8.8		15.0			
Bis(2-chloroethoxy)methane	+++++ 0.3710	0.4338 0.3553	0.4286 0.3453	0.4105	0.3873	Ave		0.3902				9.0		15.0			
2,4-Dichlorophenol	+++++ 0.3028	0.3292 0.2971	0.3356 0.2860	0.3240	0.3170	Ave		0.3131				5.8		15.0			
1,2,4-Trichlorobenzene	0.4045 0.3444	0.4047 0.3286	0.3968 0.3190	0.3786	0.3643	Ave		0.3676				9.3		15.0			
Naphthalene	1.1443 0.9156	1.0893 0.8774	1.0789 0.8305	1.0256	0.9655	Ave		0.9909				11.3		15.0			
4-Chloroaniline	+++++ 0.4108	0.4838 0.3946	0.4706 0.3774	0.4434	0.4283	Ave		0.4298				9.1		15.0			
Hexachlorobutadiene	+++++ 0.2074	0.2328 0.2025	0.2308 0.1952	0.2218	0.2162	Ave		0.2152				6.6		15.0			
Caprolactam	+++++ 0.1622	0.1590 0.1477	0.1667 0.1446	0.1626	0.1629	Ave		0.1580				5.3		15.0			
4-Chloro-3-methylphenol	+++++ 0.2880	0.3173 0.2754	0.3241 0.2678	0.3075	0.2933	Ave		0.2962				7.1		15.0			
2-Methylnaphthalene	0.7363 0.6222	0.7504 0.5993	0.7383 0.5713	0.6957	0.6538	Ave		0.6709				10.3		15.0			
1-Methylnaphthalene	0.7041 0.5972	0.7168 0.5702	0.7129 0.5486	0.6583	0.6305	Ave		0.6423				10.3		15.0			
Hexachlorocyclopentadiene	+++++ 0.4354	0.4019 0.4181	0.4250 0.4182	0.4368	0.4463	Ave		0.4259			0.0500	3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2,4,6-Trichlorophenol	+++++ 0.3949	0.4399 0.3784	0.4450 0.3652	0.4307	0.4140	Ave		0.4097				7.6		15.0			
2,4,5-Trichlorophenol	+++++ 0.4493	0.4678 0.4264	0.4759 0.4310	0.4773	0.4551	Ave		0.4547				4.5		15.0			
2-Chloronaphthalene	1.2805 1.0802	1.2366 1.0297	1.2188 0.9880	1.1691	1.1302	Ave		1.1416				9.1		15.0			
2-Nitroaniline	+++++ 0.3390	0.3130 0.3254	0.3351 0.3245	0.3413	0.3368	Ave		0.3307				3.1		15.0			
Dimethyl phthalate	1.3314 1.1728	1.3243 1.1480	1.3047 1.1120	1.2515	1.2074	Ave		1.2315				6.8		15.0			
2,6-Dinitrotoluene	+++++ 0.2817	0.2816 0.2737	0.2871 0.2983	0.2899	0.2823	Ave		0.2849				2.7		15.0			
Acenaphthylene	1.9111 1.5947	1.9061 1.4884	1.8861 1.4368	1.7509	1.6886	Ave		1.7079				11.0		15.0			
3-Nitroaniline	+++++ 0.3191	0.3020 0.3090	0.3175 0.3092	0.3257	0.3131	Ave		0.3136				2.5		15.0			
Acenaphthene	1.2695 1.0357	1.2033 0.9773	1.1945 0.9274	1.1339	1.0742	Ave		1.1020				10.8		15.0			
2,4-Dinitrophenol	+++++ 0.1846	+++++ 0.1948	0.1331 0.1988	0.1614	0.1690	Ave		0.1736			0.0500	14.1		15.0			
4-Nitrophenol	+++++ 0.1802	0.1656 0.1800	0.1726 0.1785	0.1765	0.1757	Ave		0.1756			0.0500	2.9		15.0			
2,4-Dinitrotoluene	+++++ 0.3421	0.3257 0.3333	0.3571 0.3173	0.3604	0.3524	Ave		0.3412				4.8		15.0			
Dibenzofuran	1.7294 1.4115	1.6902 1.3379	1.6760 1.2626	1.5742	1.4912	Ave		1.5216				11.4		15.0			
Diethyl phthalate	1.2790 1.1206	1.2799 1.0701	1.2419 1.0331	1.1947	1.1414	Ave		1.1701				8.0		15.0			
4-Chlorophenyl phenyl ether	+++++ 0.6441	0.7228 0.6142	0.7208 0.5906	0.6807	0.6643	Ave		0.6625				7.6		15.0			
Fluorene	1.4285 1.1965	1.4057 1.1504	1.3898 1.1123	1.3019	1.2466	Ave		1.2790				9.5		15.0			
4-Nitroaniline	+++++ 0.3091	0.2967 0.3009	0.3102 0.2960	0.3143	0.3049	Ave		0.3046				2.3		15.0			
4,6-Dinitro-2-methylphenol	+++++ 0.1453	+++++ 0.1421	0.1212 0.1409	0.1390	0.1362	Ave		0.1375				6.2		15.0			
N-Nitrosodiphenylamine	+++++ 0.6326	0.7299 0.5893	0.7162 0.5692	0.6945	0.6483	Ave		0.6543				9.5		15.0			
1,2-Diphenylhydrazine	1.3335 1.1458	1.3222 1.1016	1.3079 1.0420	1.2433	1.1806	Ave		1.2096				9.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
4-Bromophenyl phenyl ether	+++++ 0.2442	0.2556 0.2322	0.2647 0.2246	0.2520	0.2491	Ave		0.2460				5.6		15.0			
Hexachlorobenzene	+++++ 0.2656	0.2815 0.2525	0.2807 0.2440	0.2755	0.2681	Ave		0.2668				5.3		15.0			
Atrazine	+++++ 0.2003	0.2225 0.1875	0.2213 0.1800	0.2146	0.2058	Ave		0.2046				8.0		15.0			
Pentachlorophenol	+++++ 0.1887	+++++ 0.1803	0.1761 0.1802	0.1837	0.1883	Ave		0.1829				2.7		15.0			
Phenanthrene	1.1977 1.0122	1.1795 0.9554	1.1679 0.9189	1.0945	1.0420	Ave		1.0710				9.9		15.0			
Anthracene	1.1746 1.0458	1.2133 0.9859	1.1709 0.9356	1.1346	1.0646	Ave		1.0907				9.0		15.0			
Carbazole	1.0733 0.9609	1.1085 0.9025	1.0885 0.8806	1.0181	0.9929	Ave		1.0031				8.5		15.0			
Di-n-butyl phthalate	1.1052 1.0699	1.1674 1.0067	1.1900 0.9662	1.1429	1.0949	Ave		1.0929				7.1		15.0			
Fluoranthene	1.3135 1.1942	1.3413 1.1242	1.3501 1.0817	1.2730	1.2365	Ave		1.2393				8.0		15.0			
Benzidine	+++++ 0.5134	+++++ 0.4977	0.6123 0.4848	0.5854	0.5428	Ave		0.5394				9.4		15.0			
Pyrene	1.1945 1.0596	1.1946 1.0385	1.1729 1.0076	1.1493	1.1248	Ave		1.1177				6.6		15.0			
Famphur	0.3502 0.3125	0.3926 0.2721	0.4042 +++++	0.3768	0.3397	Ave		0.3497				13.3		15.0			
Butyl benzyl phthalate	0.4262 0.3840	0.4436 0.3682	0.4474 0.3556	0.4282	0.4076	Ave		0.4076				8.5		15.0			
Bis(2-ethylhexyl) phthalate	0.5037 0.5786	0.5575 0.5664	0.5942 0.5574	0.6029	0.5979	Ave		0.5698				5.6		15.0			
3,3'-Dichlorobenzidine	+++++ 0.4093	0.4151 0.3899	0.4239 0.3786	0.4303	0.4273	Ave		0.4106				4.8		15.0			
Benzo[a]anthracene	1.1664 1.0645	1.1422 1.0550	1.1346 1.0450	1.1174	1.1075	Ave		1.1041				4.0		15.0			
Chrysene	1.1752 1.0009	1.1695 0.9742	1.1195 0.9590	1.1015	1.0546	Ave		1.0693				8.0		15.0			
Di-n-octyl phthalate	0.7499 1.0003	0.8956 0.9796	0.9741 0.9683	1.0418	1.0300	Ave		0.9550				9.9		15.0			
Benzo[b]fluoranthene	1.0944 1.1996	1.1267 1.0900	1.2371 1.1428	1.1124	1.1753	Ave		1.1473				4.6		15.0			
Benzo[k]fluoranthene	1.3191 1.1148	1.3984 1.1884	1.2826 1.1428	1.3456	1.2402	Ave		1.2540				8.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Benzo[a]pyrene	1.0135 1.0523	1.0995 1.0426	1.1436 1.0053	1.1213	1.1037	Ave		1.0727				4.8		15.0			
Dibenz(a,h)anthracene	0.9329 0.9872	1.0014 0.9724	1.0225 0.9407	1.0184	1.0330	Ave		0.9886				3.8		15.0			
Indeno[1,2,3-cd]pyrene	1.1525 1.2454	1.1871 1.2539	1.2356 1.2399	1.2764	1.2934	Ave		1.2355				3.7		15.0			
Benzo[g,h,i]perylene	0.9938 1.0555	1.0449 1.0537	1.0994 1.0278	1.0940	1.1070	Ave		1.0595				3.7		15.0			
2-Fluorophenol (Surr)	+++++ 1.3032	1.4644 1.2890	1.4180 1.2711	1.3890	1.3739	Ave		1.3584				5.3		15.0			
Phenol-d5 (Surr)	+++++ 1.5611	1.7980 1.5057	1.7546 1.4958	1.6872	1.6339	Ave		1.6338				7.3		15.0			
Nitrobenzene-d5 (Surr)	+++++ 0.3626	0.3703 0.3579	0.3792 0.3510	0.3828	0.3690	Ave		0.3675				3.1		15.0			
2-Fluorobiphenyl	+++++ 1.2546	1.4434 1.1871	1.4038 1.1581	1.3625	1.3024	Ave		1.3017				8.3		15.0			
2,4,6-Tribromophenol (Surr)	0.2121 0.2349	0.2176 0.2323	0.2321 0.2252	0.2331	0.2347	Ave		0.2277				3.8		15.0			
Terphenyl-d14 (Surr)	+++++ 0.7442	0.8079 0.7178	0.8205 0.7092	0.7976	0.7754	Ave		0.7675				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD004 280-80421/3	K1546.D
Level 2	STD010 280-80421/4	K1547.D
Level 3	STD020 280-80421/5	K1548.D
Level 4	STD050 280-80421/6	K1549.D
Level 5	ICIS 280-80421/2	K1545.D
Level 6	STD120 280-80421/7	K1550.D
Level 7	STD160 280-80421/8	K1551.D
Level 8	STD200 280-80421/9	K1552.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
1,4-Dioxane	DCB	Ave	11241 291251	28810 403443	52038 500066	136470	220346	4.00 120	10.0 160	20.0 200	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	+++++ 453112	42746 633241	82183 783579	215835	345301	+++++ 120	10.0 160	20.0 200	50.0	80.0
Pyridine	DCB	Ave	+++++ 819517	76839 1137623	148132 1412753	384198	627399	+++++ 120	10.0 160	20.0 200	50.0	80.0
Phenol	DCB	Ave	+++++ 804885	84612 1081734	162240 1290693	402989	625552	+++++ 120	10.0 160	20.0 200	50.0	80.0
Aniline	DCB	Ave	+++++ 1022935	98344 1405402	194184 1665270	493909	787424	+++++ 120	10.0 160	20.0 200	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	+++++ 571242	62630 764170	119732 943062	289729	439952	+++++ 120	10.0 160	20.0 200	50.0	80.0
2-Chlorophenol	DCB	Ave	+++++ 654372	68510 886114	131731 1060972	329704	508501	+++++ 120	10.0 160	20.0 200	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	32483 772510	81119 1045337	152642 1266106	386918	600417	4.00 120	10.0 160	20.0 200	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	32145 774977	81459 1038191	154118 1266954	386455	604299	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzyl alcohol	DCB	Ave	+++++ 439236	43249 600383	84378 732425	212578	335965	+++++ 120	10.0 160	20.0 200	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	29997 717610	75624 964222	145456 1141856	359865	554548	4.00 120	10.0 160	20.0 200	50.0	80.0
2-Methylphenol	DCB	Ave	+++++ 616701	62613 832025	119240 1001235	304450	465790	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	+++++ 954058	99471 1257550	189434 1512727	470652	732834	+++++ 120	10.0 160	20.0 200	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	+++++ 642638	66487 871611	125501 1060367	316571	485205	+++++ 120	10.0 160	20.0 200	50.0	80.0
4-Methylphenol	DCB	Ave	+++++ 642638	66487 871611	125501 1060367	316571	485205	+++++ 120	10.0 160	20.0 200	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	+++++ 439853	46793 561893	90982 665475	226081	336663	+++++ 120	10.0 160	20.0 200	50.0	80.0
Acetophenone	DCB	Ave	+++++ 844489	91224 1107138	176540 1310902	429274	655401	+++++ 120	10.0 160	20.0 200	50.0	80.0
Hexachloroethane	DCB	Ave	11461 285538	29206 388864	57081 471010	143118	222291	4.00 120	10.0 160	20.0 200	50.0	80.0
Nitrobenzene	NPT	Ave	+++++ 673788	65784 904084	128576 1086520	323108	509832	+++++ 120	10.0 160	20.0 200	50.0	80.0
Isophorone	NPT	Ave	+++++ 1154978	117173 1566146	227889 1928282	558241	866612	+++++ 120	10.0 160	20.0 200	50.0	80.0
2-Nitrophenol	NPT	Ave	+++++ 337477	31932 461188	62626 564849	164679	252676	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	+++++ 597371	64587 796776	125541 959668	302741	457193	+++++ 120	10.0 160	20.0 200	50.0	80.0
Benzoic acid	NPT	Ave	+++++ 380182	+++++ 550321	57167 734099	169749	259802	+++++ 120	+++++ 160	20.0 200	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	+++++ 714766	75019 944926	144334 1151044	355944	539731	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	+++++ 583507	56924 790195	113032 953284	280942	441714	+++++ 120	10.0 160	20.0 200	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	28112 663645	69986 874146	133623 1063251	328343	507677	4.00 120	10.0 160	20.0 200	50.0	80.0
Naphthalene	NPT	Ave	79534 1764225	188361 2333729	363362 2768345	889406	1345414	4.00 120	10.0 160	20.0 200	50.0	80.0
4-Chloroaniline	NPT	Ave	+++++ 791527	83657 1049596	158484 1258162	384480	596793	+++++ 120	10.0 160	20.0 200	50.0	80.0
Hexachlorobutadiene	NPT	Ave	+++++ 399556	40252 538736	77711 650553	192306	301238	+++++ 120	10.0 160	20.0 200	50.0	80.0
Caprolactam	NPT	Ave	+++++ 312587	27492 392749	56154 481972	141014	227069	+++++ 120	10.0 160	20.0 200	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	+++++ 554839	54870 732533	109157 892728	266633	408726	+++++ 120	10.0 160	20.0 200	50.0	80.0
2-Methylnaphthalene	NPT	Ave	51176 1198877	129752 1594072	248647 1904272	603260	911158	4.00 120	10.0 160	20.0 200	50.0	80.0
1-Methylnaphthalene	NPT	Ave	48936 1150755	123948 1516583	240101 1828661	570883	878636	4.00 120	10.0 160	20.0 200	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	+++++ 479417	41103 640332	84677 788304	218347	355997	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	+++++ 434846	44993 579524	88669 688426	215335	330216	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	+++++ 494785	47847 653084	94833 812404	238613	362984	+++++ 120	10.0 160	20.0 200	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Chloronaphthalene	ANT	Ave	51685 1189488	126468 1577065	242852 1862441	584442	901460	4.00 120	10.0 160	20.0 200	50.0	80.0
2-Nitroaniline	ANT	Ave	+++++ 373251	32016 498321	66761 611599	170635	268649	+++++ 120	10.0 160	20.0 200	50.0	80.0
Dimethyl phthalate	ANT	Ave	53741 1291442	135437 1758289	259962 2096105	625670	963011	4.00 120	10.0 160	20.0 200	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	+++++ 310215	28797 419203	57211 506135	144917	225157	+++++ 120	10.0 160	20.0 180	50.0	80.0
Acenaphthylene	ANT	Ave	77140 1756086	194941 2279591	375810 2708462	875305	1346863	4.00 120	10.0 160	20.0 200	50.0	80.0
3-Nitroaniline	ANT	Ave	+++++ 351331	30882 473228	63267 582795	162835	249711	+++++ 120	10.0 160	20.0 200	50.0	80.0
Acenaphthene	ANT	Ave	51243 1140516	123062 1496791	238009 1748214	566869	856777	4.00 120	10.0 160	20.0 200	50.0	80.0
2,4-Dinitrophenol	ANT	Ave	+++++ 203264	+++++ 298360	26516 374677	80709	134770	+++++ 120	+++++ 160	20.0 200	50.0	80.0
4-Nitrophenol	ANT	Ave	+++++ 198403	16933 275699	34382 336382	88240	140149	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	+++++ 376755	33315 510474	71157 598043	180167	281103	+++++ 120	10.0 160	20.0 200	50.0	80.0
Dibenzofuran	ANT	Ave	69805 1554300	172861 2049042	333958 2380001	786998	1189433	4.00 120	10.0 160	20.0 200	50.0	80.0
Diethyl phthalate	ANT	Ave	51626 1233998	130895 1638937	247451 1947316	597259	910354	4.00 120	10.0 160	20.0 200	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	+++++ 709216	73919 940702	143625 1113256	340314	529869	+++++ 120	10.0 160	20.0 200	50.0	80.0
Fluorene	ANT	Ave	57661 1317505	143766 1761879	276931 2096694	650847	994282	4.00 120	10.0 160	20.0 200	50.0	80.0
4-Nitroaniline	ANT	Ave	+++++ 340395	30347 460805	61810 557873	157100	243202	+++++ 120	10.0 160	20.0 200	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	+++++ 273857	+++++ 378390	41416 464332	117542	185405	+++++ 120	+++++ 160	20.0 200	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	+++++ 1192080	127830 1568845	244791 1875489	587063	882266	+++++ 120	10.0 160	20.0 200	50.0	80.0
1,2-Diphenylhydrazine	ANT	Ave	54417 1275593	136706 1705729	263458 1985777	628369	952001	4.04 121	10.1 162	20.2 202	50.5	80.9
4-Bromophenyl phenyl ether	PHN	Ave	+++++ 460077	44770 618053	90487 739913	212986	338981	+++++ 120	10.0 160	20.0 200	50.0	80.0
Hexachlorobenzene	PHN	Ave	+++++ 500515	49304 672264	95952 803953	232850	364818	+++++ 120	10.0 160	20.0 200	50.0	80.0
Atrazine	PHN	Ave	+++++ 377466	38977 499230	75623 593029	181370	280026	+++++ 120	10.0 160	20.0 200	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Pentachlorophenol	PHN	Ave	+++++ 355671	+++++ 479924	60178 593854	155322	256304	+++++ 120	+++++ 160	20.0 200	50.0	80.0
Phenanthrene	PHN	Ave	84793 1907303	206571 2543437	399159 3027797	925224	1418011	4.00 120	10.0 160	20.0 200	50.0	80.0
Anthracene	PHN	Ave	83155 1970751	212495 2624565	400207 3082559	959153	1448837	4.00 120	10.0 160	20.0 200	50.0	80.0
Carbazole	PHN	Ave	75983 1810617	194133 2402441	372021 2901394	860635	1351231	4.00 120	10.0 160	20.0 200	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	78243 2016005	204459 2679838	406743 3183447	966155	1490083	4.00 120	10.0 160	20.0 200	50.0	80.0
Fluoranthene	PHN	Ave	92992 2250311	234919 2992805	461437 3564100	1076144	1682771	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzidine	CRY	Ave	+++++ 1129840	+++++ 1488562	245304 1751105	570156	843093	+++++ 120	+++++ 160	20.0 200	50.0	80.0
Pyrene	CRY	Ave	96673 2332005	245052 3106017	469899 3639470	1119296	1747128	4.00 120	10.0 160	20.0 200	50.0	80.0
Famphur	CRY	Ave	28344 687674	80535 813944	161938 +++++	366935	527661	4.00 120	10.0 160	20.0 +++++	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	34489 845123	91002 1101149	179233 1284435	416990	633181	4.00 120	10.0 160	20.0 200	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	40768 1273437	114363 1694069	238034 2013354	587187	928728	4.00 120	10.0 160	20.0 200	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	+++++ 900793	85153 1166028	169833 1367547	419092	663782	+++++ 120	10.0 160	20.0 200	50.0	80.0
Benzo[a]anthracene	CRY	Ave	94399 2342827	234293 3155456	454550 3774694	1088285	1720239	4.00 120	10.0 160	20.0 200	50.0	80.0
Chrysene	CRY	Ave	95112 2202869	239909 2913841	448503 3463835	1072770	1638114	4.00 120	10.0 160	20.0 200	50.0	80.0
Di-n-octyl phthalate	CRY	Ave	60692 2201473	183719 2930068	390250 3497381	1014574	1599919	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	87555 2686852	222759 3347744	476946 4351501	1084832	1838834	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	105535 2496893	276461 3649912	494484 4351501	1312266	1940351	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzo[a]pyrene	PRY	Ave	81082 2356838	217375 3202164	440898 3828154	1093538	1726723	4.00 120	10.0 160	20.0 200	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	74638 2211047	197986 2986555	394209 3582141	993138	1616214	4.00 120	10.0 160	20.0 200	50.0	80.0
Indeno[1,2,3-cd]pyrene	CRY	Ave	93274 2741024	243519 3750366	495011 4478490	1243050	2008943	4.00 120	10.0 160	20.0 200	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	79511 2363918	206572 3236202	423843 3913529	1066928	1732028	4.00 120	10.0 160	20.0 200	50.0	80.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80421

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 11:15 Calibration End Date: 08/05/2011 13:45 Calibration ID: 6744

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Fluorophenol (Surr)	DCB	Ave	+++++ 975898	97407 1336408	187807 1606594	475944	754761	+++++ 180	15.0 240	30.0 300	75.0	120
Phenol-d5 (Surr)	DCB	Ave	+++++ 1169016	119600 1561108	232392 1890567	578123	897557	+++++ 180	15.0 240	30.0 300	75.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	+++++ 698700	64040 951966	127700 1169982	331957	514167	+++++ 120	10.0 160	20.0 200	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	+++++ 1381527	147615 1818178	279704 2183012	681161	1038824	+++++ 120	10.0 160	20.0 200	50.0	80.0
2,4,6-Tribromophenol (Surr)	ANT	Ave	12842 388011	33377 533642	69370 636788	174784	280774	6.00 180	15.0 240	30.0 300	75.0	120
Terphenyl-d14 (Surr)	CRY	Ave	+++++ 1637907	165733 2146862	328718 2561603	776814	1204336	+++++ 120	10.0 160	20.0 200	50.0	80.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1545.D
Lab Smp Id: ICIS-840620 Client Smp ID: MS-HSL080_00011
Inj Date : 05-AUG-2011 11:15
Operator : KIEKELD Inst ID: K.i
Smp Info : ICIS-840620,,MS-HSL080_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 13:45 Cal File: K1552.D
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26	1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	183115	40.0000	
* 58	Naphthalene-d8	136	5.768	5.768	(1.000)	696768	40.0000	
* 96	Acenaphthene-d10	164	7.502	7.502	(1.000)	398805	40.0000	
* 135	Phenanthrene-d10	188	8.876	8.876	(1.000)	680450	40.0000	
* 166	Chrysene-d12	240	11.180	11.180	(1.000)	776627	40.0000	
* 179	Perylene-d12	264	12.466	12.466	(1.000)	782272	40.0000	
$ 22	2-Chlorophenol-d4	132	4.346	4.346	(0.955)	710539	120.000	118.344
$ 29	1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	355961	80.0000	79.7034
$ 8	2-Fluorophenol	112	3.394	3.394	(0.746)	754761	120.000	121.374
$ 15	Phenol-d5	99	4.188	4.188	(0.920)	897557	120.000	120.008
$ 43	Nitrobenzene-d5	82	5.075	5.075	(0.880)	514167	80.0000	80.3093
$ 81	2-Fluorobiphenyl	172	6.820	6.820	(0.909)	1038824	80.0000	80.0442
$ 118	2,4,6-Tribromophenol	330	8.248	8.248	(1.099)	280774	120.000	123.655
$ 154	Terphenyl-d14	244	10.240	10.240	(0.916)	1204336	80.0000	80.8173
4	1,4-Dioxane	88	2.161	2.161	(0.475)	220346	80.0000	79.9258
5	N-Nitrosodimethylamine	74	2.384	2.384	(0.524)	345301	80.0000	80.7814
6	Pyridine	79	2.419	2.419	(0.531)	627399	80.0000	81.5115
16	Phenol	94	4.199	4.199	(0.923)	625552	80.0000	80.2000
18	Aniline	93	4.264	4.264	(0.937)	787424	80.0000	81.4214
19	Methyl Styrene	118	4.288	4.288	(0.942)	503049	80.0000	80.2848
20	Bis(2-chloroethyl) ether	93	4.293	4.293	(0.943)	439952	80.0000	78.1602
21	Decane	43	4.346	4.346	(0.955)	483302	80.0000	81.0920

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.364	4.364	(0.959)	508501	80.0000	79.9897
25	1,3-Dichlorobenzene	146	4.505	4.505	(0.990)	600417	80.0000	79.2332
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	604299	80.0000	79.6856
28	Benzyl alcohol	108	4.669	4.669	(1.026)	335965	80.0000	80.3125
30	1,2-Dichlorobenzene	146	4.716	4.716	(1.036)	554548	80.0000	78.9042
32	2-Methylphenol	108	4.752	4.752	(1.044)	465790	80.0000	79.1872
34	2,2'-oxybis(1-chloropropane)	45	4.775	4.775	(1.049)	732834	80.0000	80.1802
35	1H-Indene	116	4.793	4.793	(1.053)	752263	80.0000	79.7659
138	3-Methylphenol	108	4.899	4.899	(1.076)	485205	80.0000	78.6095
36	4-Methylphenol	108	4.899	4.899	(1.076)	485205	80.0000	78.6095
139	3 & 4-Methylphenol	108	4.899	4.899	(1.076)	485205	80.0000	78.6095
37	N-nitrosodi-n-propylamine	70	4.910	4.910	(1.079)	336663	80.0000	79.4628
38	Acetophenone	105	4.922	4.922	(1.081)	655401	80.0000	79.6987
41	Hexachloroethane	117	5.028	5.028	(1.105)	222291	80.0000	79.8761
44	Nitrobenzene	77	5.098	5.098	(0.884)	509832	80.0000	81.4233
47	Isophorone	82	5.310	5.310	(0.921)	866612	80.0000	79.3894
50	2,4-Dimethylphenol	107	5.404	5.404	(0.937)	457193	80.0000	79.1592
49	2-Nitrophenol	139	5.392	5.392	(0.935)	252676	80.0000	80.5972
53	Benzoic acid	122	5.504	5.504	(0.954)	259802	80.0000	76.0715
52	Bis(2-chloroethoxy)methane	93	5.498	5.498	(0.953)	539731	80.0000	79.3984
54	2,4-Dichlorophenol	162	5.615	5.615	(0.974)	441714	80.0000	80.9907
56	n-Dodecane	43	5.686	5.686	(0.758)	503909	80.0000	81.6871
57	1,2,4-Trichlorobenzene	180	5.704	5.704	(0.989)	507677	80.0000	79.2794
59	Naphthalene	128	5.792	5.792	(1.004)	1345414	80.0000	77.9470
60	4-Chloroaniline	127	5.839	5.839	(1.012)	596793	80.0000	79.7060
62	Hexachlorobutadiene	225	5.886	5.886	(1.020)	301238	80.0000	80.3527
67	Caprolactam	55	6.209	6.209	(1.076)	227069	80.0000	82.5211
68	4-Chloro-3-methylphenol	107	6.297	6.297	(1.092)	408726	80.0000	79.2174
71	2-Methylnaphthalene	142	6.462	6.462	(1.120)	911158	80.0000	77.9652
72	1-Methylnaphthalene	142	6.567	6.567	(1.139)	878636	80.0000	78.5275
74	Hexachlorocyclopentadiene	237	6.608	6.608	(0.881)	355997	80.0000	83.8284
78	2,4,6-Trichlorophenol	196	6.744	6.744	(0.899)	330216	80.0000	80.8331
79	2,3-Dichlorobenzeneamine	161	6.755	6.755	(0.901)	495074	80.0000	80.0540
80	2,4,5-Trichlorophenol	196	6.779	6.779	(0.904)	362984	80.0000	80.0686
83	Tetradecane	43	6.855	6.855	(0.914)	493369	80.0000	80.6417
86	2-Chloronaphthalene	162	6.955	6.955	(0.927)	901460	80.0000	79.1986
88	2-Nitroaniline	65	7.067	7.067	(0.942)	268649	80.0000	81.4754
91	Dimethyl phthalate	163	7.219	7.219	(0.962)	963011	80.0000	78.4316
93	2,6-Dinitrotoluene	165	7.296	7.296	(0.973)	225157	80.0000	79.2538
94	Acenaphthylene	152	7.372	7.372	(0.983)	1346863	80.0000	79.0992
95	3-Nitroaniline	138	7.472	7.472	(0.996)	249711	80.0000	79.8554
97	Acenaphthene	153	7.537	7.537	(1.005)	856777	80.0000	77.9815
98	2,4-Dinitrophenol	184	7.566	7.566	(1.009)	134770	80.0000	77.8612
99	4-Nitrophenol	109	7.607	7.607	(1.014)	140149	80.0000	80.0650
101	2,4-Dinitrotoluene	165	7.684	7.684	(1.024)	281103	80.0000	82.6336
102	Dibenzofuran	168	7.695	7.695	(1.026)	1189433	80.0000	78.4020
105	Hexadecane	57	7.848	7.848	(1.046)	594718	80.0000	79.9604
107	Diethyl phthalate	149	7.878	7.878	(1.050)	910354	80.0000	78.0358
109	4-Chlorophenyl phenyl ether	204	8.001	8.001	(1.067)	529869	80.0000	80.2200
110	Fluorene	166	8.019	8.019	(1.069)	994282	80.0000	77.9740
112	4-Nitroaniline	138	8.060	8.060	(1.074)	243202	80.0000	80.0881
113	4,6-Dinitro-2-methylphenol	198	8.066	8.066	(0.909)	185405	80.0000	79.2791
115	N-nitrosodiphenylamine	169	8.118	8.118	(0.915)	882266	80.0000	79.2674
116	Azobenzene	77	8.148	8.148	(1.086)	952001	80.0000	78.0813

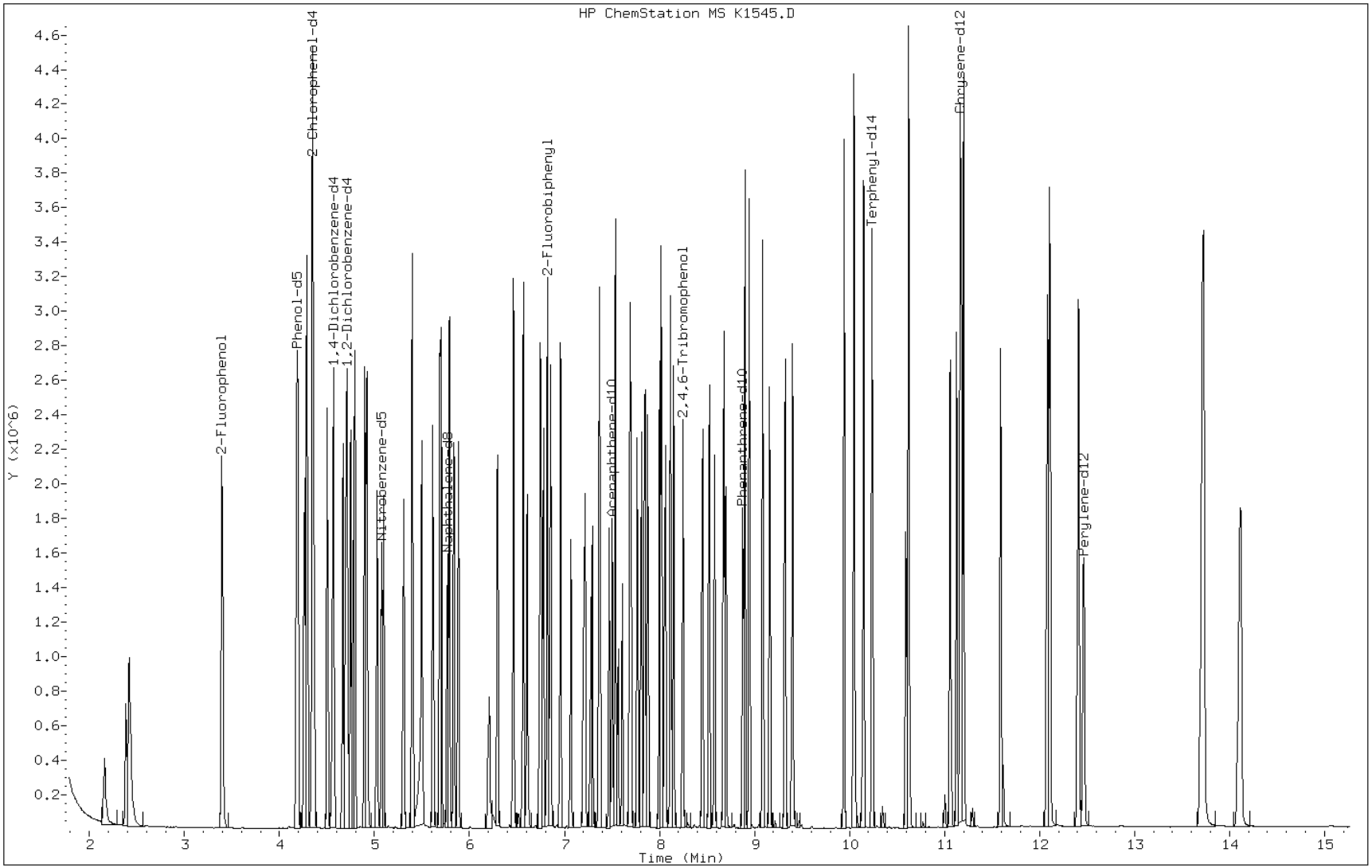
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.148	8.148	(1.086)	952001	80.8780	78.9382
242	2,4,6 - Tribromophenol	330	8.248	8.248	(1.099)	280774	120.000	123.655
124	4-Bromophenyl phenyl ether	248	8.453	8.453	(0.952)	338981	80.0000	80.9895
125	Hexachlorobenzene	284	8.524	8.524	(0.960)	364818	80.0000	80.3674
127	Atrazine	200	8.583	8.583	(0.967)	280026	80.0000	80.4692
128	n-Octadecane	85	8.677	8.677	(0.977)	226836	80.0000	81.1789
129	Pentachlorophenol	266	8.700	8.700	(0.980)	256304	80.0000	82.3764
136	Phenanthrene	178	8.900	8.900	(1.003)	1418011	80.0000	77.8308
137	Anthracene	178	8.947	8.947	(1.008)	1448837	80.0000	78.0891
140	Carbazole	167	9.088	9.088	(1.024)	1351231	80.0000	79.1835
141	Alachlor	188	9.158	9.158	(1.032)	194185	80.0000	81.2775
143	Di-n-butyl phthalate	149	9.323	9.323	(1.050)	1490083	80.0000	80.1482
144	n-Eicosane	43	9.399	9.399	(1.253)	431193	80.0000	79.6220
149	Fluoranthene	202	9.946	9.946	(1.120)	1682771	80.0000	79.8184
150	n-docosane	43	10.046	10.046	(1.339)	386191	80.0000	79.4773
151	Benzidine	184	10.046	10.046	(0.899)	843093	80.0000	80.5032
152	Pyrene	202	10.151	10.151	(0.908)	1747128	80.0000	80.5073
158	Famphur	218	10.592	10.592	(0.947)	527661	80.0000	77.7083
159	Butyl benzyl phthalate	149	10.621	10.621	(0.950)	633181	80.0000	80.0107
162	Bis(2-ethylhexyl) phthalate	149	11.062	11.062	(0.989)	928728	80.0000	83.9434
164	3 3'-Dichlorobenzidine	252	11.127	11.127	(0.995)	663782	80.0000	83.2555
165	Benzo(a)anthracene	228	11.168	11.168	(0.999)	1720239	80.0000	80.2476
167	Chrysene	228	11.203	11.203	(1.002)	1638114	80.0000	78.9012
168	Di-n-octyl phthalate	149	11.591	11.591	(1.037)	1599919	80.0000	86.2902
171	Benzo(b)fluoranthene	252	12.084	12.084	(0.969)	1838834	80.0000	81.9537
172	Benzo(k)fluoranthene	252	12.108	12.108	(0.971)	1940351	80.0000	79.1205
178	Benzo(a)pyrene	252	12.414	12.414	(0.996)	1726723	80.0000	82.3067
185	Dibenz(a,h)anthracene	278	13.718	13.718	(1.100)	1616214	80.0000	83.5970
186	Indeno(1,2,3-cd)pyrene	276	13.724	13.724	(1.228)	2008943	80.0000	83.7455
188	Benzo(g,h,i)perylene	276	14.117	14.117	(1.132)	1732028	80.0000	83.5896

Data File: K1545.D

Date: 05-AUG-2011 11:15

Client ID: MS-HSL080_00011 Instrument: K.i

Sample Info: ICIS-840620,,MS-HSL080_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1546.D
Lab Smp Id: STD004-840614 Client Smp ID: MS-HSL004_00011
Inj Date : 05-AUG-2011 11:37
Operator : KIEKELD Inst ID: K.i
Smp Info : STD004-840614,,MS-HSL004_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 11:15 Cal File: K1545.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	181579	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	695040	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	403634	40.0000	
* 135 Phenanthrene-d10	188	8.870	8.870	(1.000)	707961	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	809305	40.0000	
* 179 Perylene-d12	264	12.466	12.466	(1.000)	800049	40.0000	
$ 22 2-Chlorophenol-d4	132	4.340	4.340	(0.954)	41550	6.00000	6.97889(a)
$ 29 1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	19333	4.00000	4.36548(a)
$ 8 2-Fluorophenol	112	3.394	3.394	(0.746)	38885	6.00000	6.30603(a)
$ 15 Phenol-d5	99	4.170	4.170	(0.916)	48744	6.00000	6.57243(a)
$ 43 Nitrobenzene-d5	82	5.069	5.069	(0.880)	25084	4.00000	3.92768(a)
$ 81 2-Fluorobiphenyl	172	6.814	6.814	(0.908)	60343	4.00000	4.59397(a)
$ 118 2,4,6-Tribromophenol	330	8.242	8.242	(1.099)	12842	6.00000	5.58804(a)
$ 154 Terphenyl-d14	244	10.234	10.234	(0.916)	65884	4.00000	4.24265(a)
4 1,4-Dioxane	88	2.155	2.155	(0.473)	11241	4.00000	4.11193
5 N-Nitrosodimethylamine	74	2.378	2.378	(0.522)	17022	4.00000	4.01589(a)
6 Pyridine	79	2.419	2.419	(0.531)	31132	4.00000	4.07888(a)
16 Phenol	94	4.188	4.188	(0.920)	34401	4.00000	4.44775(a)
18 Aniline	93	4.252	4.252	(0.934)	39758	4.00000	4.14584(a)
20 Bis(2-chloroethyl) ether	93	4.287	4.287	(0.942)	25302	4.00000	4.53308(a)
21 Decane	43	4.340	4.340	(0.954)	31064	4.00000	2.26093(a)
23 2-Chlorophenol	128	4.358	4.358	(0.957)	27962	4.00000	4.43576(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
25	1,3-Dichlorobenzene	146	4.499	4.499	(0.988)	32483	4.00000	4.32284
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	32145	4.00000	4.27464
28	Benzyl alcohol	108	4.658	4.658	(1.023)	17685	4.00000	4.26336(a)
30	1,2-Dichlorobenzene	146	4.711	4.711	(1.035)	29997	4.00000	4.30425
32	2-Methylphenol	108	4.746	4.746	(1.043)	25365	4.00000	4.34868(a)
34	2,2'-oxybis(1-chloropropane)	45	4.769	4.769	(1.048)	38932	4.00000	4.29563(a)
35	1H-Indene	116	4.787	4.787	(1.052)	41040	4.00000	4.38847(a)
138	3-Methylphenol	108	4.887	4.887	(1.074)	26128	4.00000	4.26888(a)
36	4-Methylphenol	108	4.887	4.887	(1.074)	26128	4.00000	4.26888(a)
139	3 & 4-Methylphenol	108	4.887	4.887	(1.074)	26128	4.00000	4.26888(a)
37	N-nitrosodi-n-propylamine	70	4.899	4.899	(1.076)	18773	4.00000	4.46849(a)
38	Acetophenone	105	4.916	4.916	(1.080)	36596	4.00000	4.48783(a)
41	Hexachloroethane	117	5.028	5.028	(1.105)	11461	4.00000	4.15313(a)
44	Nitrobenzene	77	5.087	5.087	(0.883)	26546	4.00000	4.25010(a)
47	Isophorone	82	5.298	5.298	(0.919)	44741	4.00000	4.10887(a)
50	2,4-Dimethylphenol	107	5.398	5.398	(0.937)	26033	4.00000	4.51860(a)
49	2-Nitrophenol	139	5.392	5.392	(0.936)	11522	4.00000	3.68436(a)
52	Bis(2-chloroethoxy)methane	93	5.492	5.492	(0.953)	29838	4.00000	4.40030(a)
54	2,4-Dichlorophenol	162	5.609	5.609	(0.973)	22882	4.00000	4.20597(a)
56	n-Dodecane	43	5.686	5.686	(0.758)	28980	4.00000	4.64165(a)
57	1,2,4-Trichlorobenzene	180	5.698	5.698	(0.989)	28112	4.00000	4.40091
59	Naphthalene	128	5.786	5.786	(1.004)	79534	4.00000	4.61929
60	4-Chloroaniline	127	5.833	5.833	(1.012)	32464	4.00000	4.34658(a)
62	Hexachlorobutadiene	225	5.880	5.880	(1.020)	16319	4.00000	4.36378(a)
68	4-Chloro-3-methylphenol	107	6.285	6.285	(1.091)	21327	4.00000	4.14378(a)
71	2-Methylnaphthalene	142	6.461	6.461	(1.121)	51176	4.00000	4.38987
72	1-Methylnaphthalene	142	6.561	6.561	(1.139)	48936	4.00000	4.38449
74	Hexachlorocyclopentadiene	237	6.602	6.602	(0.880)	15692	4.00000	3.65087(a)
78	2,4,6-Trichlorophenol	196	6.738	6.738	(0.898)	16596	4.00000	4.01391(a)
79	2,3-Dichlorobenzeneamine	161	6.749	6.749	(0.900)	28089	4.00000	4.48768(a)
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.903)	18743	4.00000	4.08495(a)
83	Tetradecane	43	6.849	6.849	(0.913)	27819	4.00000	4.49265(a)
86	2-Chloronaphthalene	162	6.955	6.955	(0.927)	51685	4.00000	4.48651
88	2-Nitroaniline	65	7.061	7.061	(0.941)	11611	4.00000	3.47924(a)
91	Dimethyl phthalate	163	7.208	7.208	(0.961)	53741	4.00000	4.32452
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.971)	10822	4.00000	3.76370(a)
94	Acenaphthylene	152	7.366	7.366	(0.982)	77140	4.00000	4.47611
95	3-Nitroaniline	138	7.460	7.460	(0.995)	11685	4.00000	3.69206(a)
97	Acenaphthene	153	7.531	7.531	(1.004)	51243	4.00000	4.60820
99	4-Nitrophenol	109	7.595	7.595	(1.013)	5795	4.00000	3.27099(a)
101	2,4-Dinitrotoluene	165	7.678	7.678	(1.023)	11671	4.00000	3.38978(a)
102	Dibenzofuran	168	7.689	7.689	(1.025)	69805	4.00000	4.54618
105	Hexadecane	57	7.842	7.842	(1.045)	34495	4.00000	4.58240(a)
107	Diethyl phthalate	149	7.866	7.866	(1.049)	51626	4.00000	4.37245
109	4-Chlorophenyl phenyl ether	204	7.995	7.995	(1.066)	29620	4.00000	4.43070(a)
110	Fluorene	166	8.013	8.013	(1.068)	57661	4.00000	4.46782
112	4-Nitroaniline	138	8.042	8.042	(1.072)	10943	4.00000	3.56049(a)
115	N-nitrosodiphenylamine	169	8.107	8.107	(0.914)	50613	4.00000	4.37063(a)
116	Azobenzene	77	8.142	8.142	(1.085)	54417	4.00000	4.40978
234	1,2-DPH(as Azobenzene)	77	8.142	8.142	(1.085)	54417	4.04390	4.45818
242	2,4,6 - Tribromophenol	330	8.242	8.242	(1.099)	12842	6.00000	5.58804(a)
124	4-Bromophenyl phenyl ether	248	8.447	8.447	(0.952)	17898	4.00000	4.11002(a)
125	Hexachlorobenzene	284	8.518	8.518	(0.960)	19870	4.00000	4.20715(a)
127	Atrazine	200	8.571	8.571	(0.966)	14644	4.00000	4.04462(a)

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
128 n-Octadecane	85	8.677	8.677	(0.978)	12448	4.00000	4.28171(a)
136 Phenanthrene	178	8.894	8.894	(1.003)	84793	4.00000	4.47321
137 Anthracene	178	8.941	8.941	(1.008)	83155	4.00000	4.30770
140 Carbazole	167	9.082	9.082	(1.024)	75983	4.00000	4.27965
141 Alachlor	188	9.158	9.158	(1.032)	9240	4.00000	3.71718(a)
143 Di-n-butyl phthalate	149	9.317	9.317	(1.050)	78243	4.00000	4.04497
144 n-Eicosane	43	9.399	9.399	(1.253)	23911	4.00000	4.36247(a)
149 Fluoranthene	202	9.940	9.940	(1.121)	92992	4.00000	4.23946
150 n-docosane	43	10.046	10.046	(1.339)	22057	4.00000	4.48498(a)
152 Pyrene	202	10.145	10.145	(0.908)	96673	4.00000	4.27480
158 Famphur	218	10.592	10.592	(0.948)	28344	4.00000	4.00566(a)
159 Butyl benzyl phthalate	149	10.615	10.615	(0.950)	34489	4.00000	4.18216
162 Bis(2-ethylhexyl) phthalate	149	11.062	11.062	(0.990)	40768	4.00000	3.53604(a)
164 3 3'-Dichlorobenzidine	252	11.127	11.127	(0.996)	30634	4.00000	3.68716(a)
165 Benzo(a)anthracene	228	11.162	11.162	(0.999)	94399	4.00000	4.22582
167 Chrysene	228	11.197	11.197	(1.002)	95112	4.00000	4.39618
168 Di-n-octyl phthalate	149	11.591	11.591	(1.037)	60692	4.00000	3.14120(a)
171 Benzo(b)fluoranthene	252	12.078	12.078	(0.969)	87555	4.00000	3.81547(a)
172 Benzo(k)fluoranthene	252	12.102	12.102	(0.971)	105535	4.00000	4.20771
178 Benzo(a)pyrene	252	12.408	12.408	(0.995)	81082	4.00000	3.77901(a)
185 Dibenz(a,h)anthracene	278	13.700	13.700	(1.099)	74638	4.00000	3.77479(a)
186 Indeno(1,2,3-cd)pyrene	276	13.700	13.700	(1.226)	93274	4.00000	3.73125(a)
188 Benzo(g,h,i)perylene	276	14.094	14.094	(1.131)	79511	4.00000	3.75202(a)

QC Flag Legend

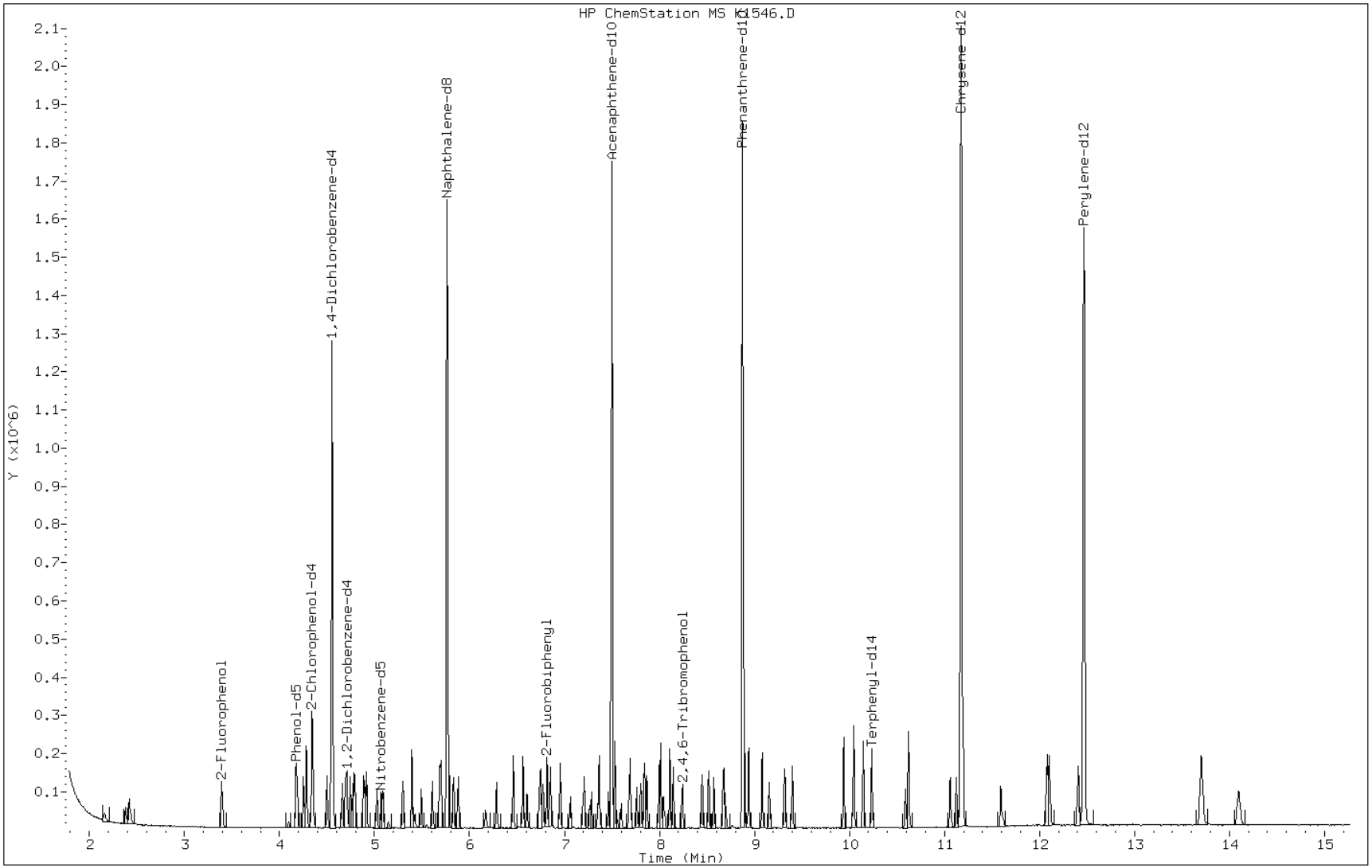
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: K1546.D

Date: 05-AUG-2011 11:37

Client ID: MS-HSL004_00011 Instrument: K.i

Sample Info: STD004-840614,,MS-HSL004_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1547.D
Lab Smp Id: STD010-840615 Client Smp ID: MS-HSL010_00011
Inj Date : 05-AUG-2011 11:58
Operator : KIEKELD Inst ID: K.i
Smp Info : STD010-840615,,MS-HSL010_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 11:37 Cal File: K1546.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	177379	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	691672	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	409089	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	700553	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	820521	40.0000	
* 179 Perylene-d12	264	12.455	12.455	(1.000)	790808	40.0000	
$ 22 2-Chlorophenol-d4	132	4.340	4.340	(0.954)	103380	15.0000	17.7752
$ 29 1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	48329	10.0000	11.1713
$ 8 2-Fluorophenol	112	3.394	3.394	(0.746)	97407	15.0000	16.1706
$ 15 Phenol-d5	99	4.176	4.176	(0.917)	119600	15.0000	16.5082
$ 43 Nitrobenzene-d5	82	5.069	5.069	(0.880)	64040	10.0000	10.0763
$ 81 2-Fluorobiphenyl	172	6.814	6.814	(0.908)	147615	10.0000	11.0882
$ 118 2,4,6-Tribromophenol	330	8.242	8.242	(1.099)	33377	15.0000	14.3299
$ 154 Terphenyl-d14	244	10.234	10.234	(0.916)	165733	10.0000	10.5266
4 1,4-Dioxane	88	2.155	2.155	(0.473)	28810	10.0000	10.7882
5 N-Nitrosodimethylamine	74	2.378	2.378	(0.522)	42746	10.0000	10.3236
6 Pyridine	79	2.413	2.413	(0.530)	76839	10.0000	10.3057
16 Phenol	94	4.188	4.188	(0.920)	84612	10.0000	11.1986
18 Aniline	93	4.252	4.252	(0.934)	98344	10.0000	10.4978
19 Methyl Styrene	118	4.282	4.282	(0.941)	68276	10.0000	11.2490
20 Bis(2-chloroethyl) ether	93	4.288	4.288	(0.942)	62630	10.0000	11.4864
21 Decane	43	4.340	4.340	(0.954)	74459	10.0000	9.25474(a)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.358	4.358	(0.957)	68510	10.0000	11.1254
25	1,3-Dichlorobenzene	146	4.499	4.499	(0.988)	81119	10.0000	11.0509
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	81459	10.0000	11.0889
28	Benzyl alcohol	108	4.664	4.664	(1.025)	43249	10.0000	10.6730
30	1,2-Dichlorobenzene	146	4.711	4.711	(1.035)	75624	10.0000	11.1082
32	2-Methylphenol	108	4.746	4.746	(1.043)	62613	10.0000	10.9888
34	2,2'-oxybis(1-chloropropane)	45	4.769	4.769	(1.048)	99471	10.0000	11.2352
35	1H-Indene	116	4.793	4.793	(1.053)	101433	10.0000	11.1032
138	3-Methylphenol	108	4.887	4.887	(1.074)	66487	10.0000	11.1201
36	4-Methylphenol	108	4.887	4.887	(1.074)	66487	10.0000	11.1201
139	3 & 4-Methylphenol	108	4.887	4.887	(1.074)	66487	10.0000	11.1201
37	N-nitrosodi-n-propylamine	70	4.899	4.899	(1.076)	46793	10.0000	11.4017
38	Acetophenone	105	4.916	4.916	(1.080)	91224	10.0000	11.4518
41	Hexachloroethane	117	5.028	5.028	(1.105)	29206	10.0000	10.8340
44	Nitrobenzene	77	5.092	5.092	(0.884)	65784	10.0000	10.5835
47	Isophorone	82	5.298	5.298	(0.919)	117173	10.0000	10.8132
50	2,4-Dimethylphenol	107	5.398	5.398	(0.937)	64587	10.0000	11.2651
49	2-Nitrophenol	139	5.392	5.392	(0.936)	31932	10.0000	10.2605
52	Bis(2-chloroethoxy)methane	93	5.492	5.492	(0.953)	75019	10.0000	11.1172
54	2,4-Dichlorophenol	162	5.610	5.610	(0.973)	56924	10.0000	10.5142
56	n-Dodecane	43	5.686	5.686	(0.758)	71268	10.0000	11.2626
57	1,2,4-Trichlorobenzene	180	5.698	5.698	(0.989)	69986	10.0000	11.0096
59	Naphthalene	128	5.786	5.786	(1.004)	188361	10.0000	10.9932
60	4-Chloroaniline	127	5.833	5.833	(1.012)	83657	10.0000	11.2553
62	Hexachlorobutadiene	225	5.880	5.880	(1.020)	40252	10.0000	10.8160
67	Caprolactam	55	6.168	6.168	(1.070)	27492	10.0000	10.0647
68	4-Chloro-3-methylphenol	107	6.285	6.285	(1.091)	54870	10.0000	10.7130
71	2-Methylnaphthalene	142	6.461	6.461	(1.121)	129752	10.0000	11.1843
72	1-Methylnaphthalene	142	6.561	6.561	(1.139)	123948	10.0000	11.1594
74	Hexachlorocyclopentadiene	237	6.608	6.608	(0.881)	41103	10.0000	9.43542(a)
78	2,4,6-Trichlorophenol	196	6.738	6.738	(0.898)	44993	10.0000	10.7369
79	2,3-Dichlorobenzeneamine	161	6.749	6.749	(0.900)	70838	10.0000	11.1666
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.903)	47847	10.0000	10.2890
83	Tetradecane	43	6.849	6.849	(0.913)	69586	10.0000	11.0880
86	2-Chloronaphthalene	162	6.955	6.955	(0.927)	126468	10.0000	10.8316
88	2-Nitroaniline	65	7.061	7.061	(0.941)	32016	10.0000	9.46567(a)
91	Dimethyl phthalate	163	7.208	7.208	(0.961)	135437	10.0000	10.7532
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.971)	28797	10.0000	9.88154(a)
94	Acenaphthylene	152	7.366	7.366	(0.982)	194941	10.0000	11.1608
95	3-Nitroaniline	138	7.460	7.460	(0.995)	30882	10.0000	9.62753(a)
97	Acenaphthene	153	7.531	7.531	(1.004)	123062	10.0000	10.9192
99	4-Nitrophenol	109	7.595	7.595	(1.013)	16933	10.0000	9.43039(a)
101	2,4-Dinitrotoluene	165	7.678	7.678	(1.023)	33315	10.0000	9.54715(a)
102	Dibenzofuran	168	7.689	7.689	(1.025)	172861	10.0000	11.1078
105	Hexadecane	57	7.842	7.842	(1.045)	86387	10.0000	11.3228
107	Diethyl phthalate	149	7.866	7.866	(1.049)	130895	10.0000	10.9383
109	4-Chlorophenyl phenyl ether	204	7.995	7.995	(1.066)	73919	10.0000	10.9097
110	Fluorene	166	8.013	8.013	(1.068)	143766	10.0000	10.9910
112	4-Nitroaniline	138	8.042	8.042	(1.072)	30347	10.0000	9.74225(a)
113	4,6-Dinitro-2-methylphenol	198	8.054	8.054	(0.907)	17871	10.0000	7.42235(a)
115	N-nitrosodiphenylamine	169	8.107	8.107	(0.913)	127830	10.0000	11.1554
116	Azobenzene	77	8.142	8.142	(1.085)	136706	10.0000	10.9305
234	1,2-DPH(as Azobenzene)	77	8.142	8.142	(1.085)	136706	10.1098	11.0505
242	2,4,6 - Tribromophenol	330	8.242	8.242	(1.099)	33377	15.0000	14.3299

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
124 4-Bromophenyl phenyl ether	248	8.447	8.447	(0.952)	44770	10.0000	10.3895
125 Hexachlorobenzene	284	8.518	8.518	(0.960)	49304	10.0000	10.5497
127 Atrazine	200	8.571	8.571	(0.966)	38977	10.0000	10.8792
128 n-Octadecane	85	8.677	8.677	(0.977)	31585	10.0000	10.9791
129 Pentachlorophenol	266	8.694	8.694	(0.979)	28068	10.0000	8.76222(a)
136 Phenanthrene	178	8.894	8.894	(1.002)	206571	10.0000	11.0128
137 Anthracene	178	8.941	8.941	(1.007)	212495	10.0000	11.1244
140 Carbazole	167	9.082	9.082	(1.023)	194133	10.0000	11.0499
141 Alachlor	188	9.158	9.158	(1.032)	25113	10.0000	10.2096
143 Di-n-butyl phthalate	149	9.317	9.317	(1.050)	204459	10.0000	10.6818
144 n-Eicosane	43	9.399	9.399	(1.253)	61858	10.0000	11.1353
149 Fluoranthene	202	9.940	9.940	(1.120)	234919	10.0000	10.8231
150 n-docosane	43	10.046	10.046	(1.339)	58635	10.0000	11.7636
151 Benzidine	184	10.046	10.046	(0.899)	128035	10.0000	11.5715
152 Pyrene	202	10.145	10.145	(0.908)	245052	10.0000	10.6879
158 Famphur	218	10.586	10.586	(0.947)	80535	10.0000	11.2259
159 Butyl benzyl phthalate	149	10.616	10.616	(0.950)	91002	10.0000	10.8841
162 Bis(2-ethylhexyl) phthalate	149	11.056	11.056	(0.989)	114363	10.0000	9.78378
164 3 3'-Dichlorobenzidine	252	11.121	11.121	(0.995)	85153	10.0000	10.1090
165 Benzo(a)anthracene	228	11.156	11.156	(0.998)	234293	10.0000	10.3449
167 Chrysene	228	11.191	11.191	(1.002)	239909	10.0000	10.9373
168 Di-n-octyl phthalate	149	11.585	11.585	(1.037)	183719	10.0000	9.37864
171 Benzo(b)fluoranthene	252	12.067	12.067	(0.969)	222759	10.0000	9.82083(H)
172 Benzo(k)fluoranthene	252	12.090	12.090	(0.971)	276461	10.0000	11.1514
178 Benzo(a)pyrene	252	12.396	12.396	(0.995)	217375	10.0000	10.2496
185 Dibenz(a,h)anthracene	278	13.688	13.688	(1.099)	197986	10.0000	10.1301
186 Indeno(1,2,3-cd)pyrene	276	13.688	13.688	(1.225)	243519	10.0000	9.60836
188 Benzo(g,h,i)perylene	276	14.082	14.082	(1.131)	206572	10.0000	9.86179

QC Flag Legend

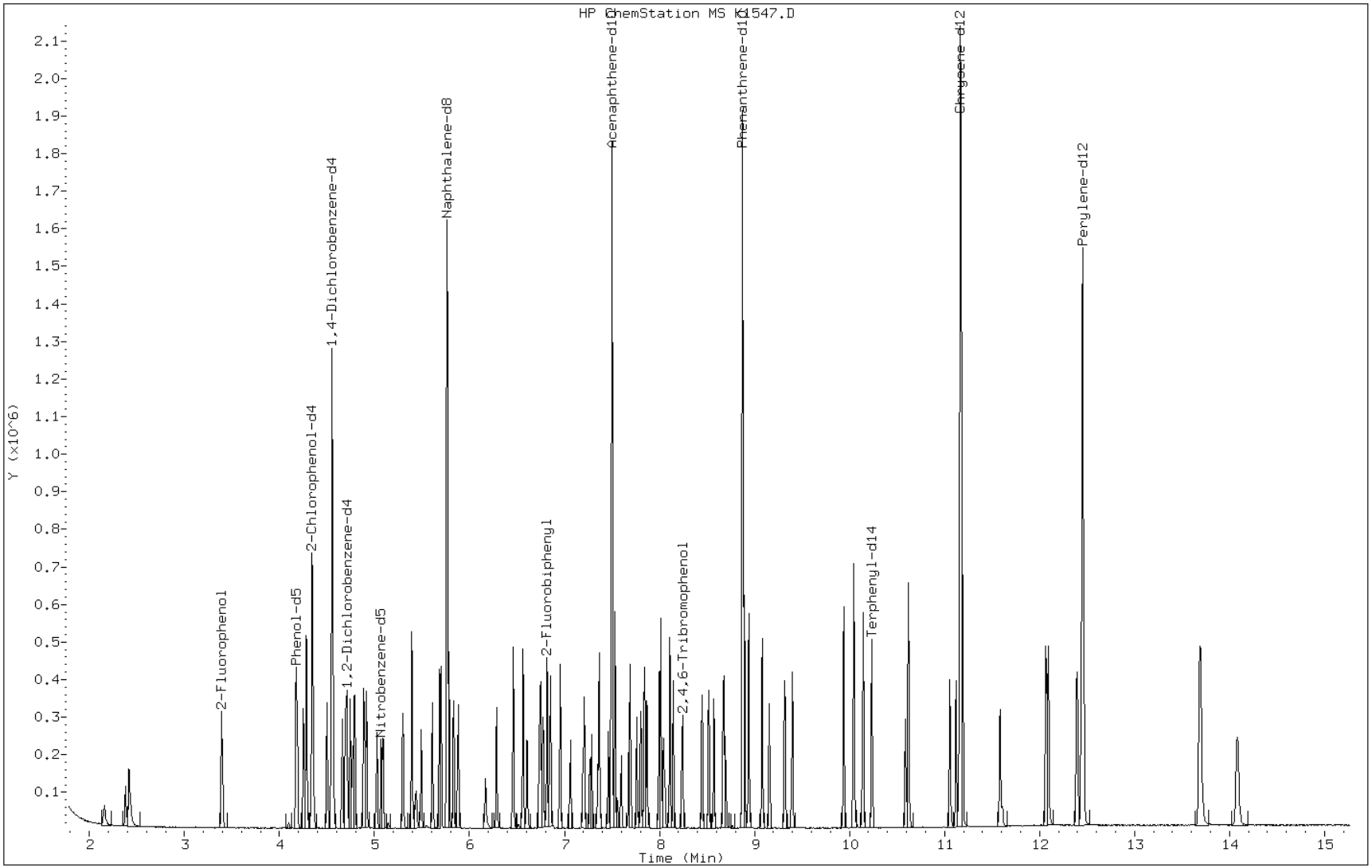
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: K1547.D

Date: 05-AUG-2011 11:58

Client ID: MS-HSL010_00011 Instrument: K.i

Sample Info: STD010-840615,,MS-HSL010_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1548.D
Lab Smp Id: STD020-840616 Client Smp ID: MS-HSL020_00011
Inj Date : 05-AUG-2011 12:19
Operator : KIEKELD Inst ID: K.i
Smp Info : STD020-840616,,MS-HSL020_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 11:58 Cal File: K1547.D
Als bottle: 13 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
*	26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	176592	40.0000	
*	58 Naphthalene-d8	136	5.762	5.762	(1.000)	673549	40.0000	
*	96 Acenaphthene-d10	164	7.501	7.501	(1.000)	398509	40.0000	
*	135 Phenanthrene-d10	188	8.876	8.876	(1.000)	683573	40.0000	
*	166 Chrysene-d12	240	11.174	11.174	(1.000)	801231	40.0000	
*	179 Perylene-d12	264	12.466	12.466	(1.000)	771062	40.0000	
$	22 2-Chlorophenol-d4	132	4.340	4.340	(0.954)	194167	30.0000	33.5340
$	29 1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	91817	20.0000	21.3182
$	8 2-Fluorophenol	112	3.394	3.394	(0.746)	187807	30.0000	31.3170
$	15 Phenol-d5	99	4.176	4.176	(0.917)	232392	30.0000	32.2196
$	43 Nitrobenzene-d5	82	5.069	5.069	(0.880)	127700	20.0000	20.6334
$	81 2-Fluorobiphenyl	172	6.814	6.814	(0.908)	279704	20.0000	21.5680
$	118 2,4,6-Tribromophenol	330	8.242	8.242	(1.099)	69370	30.0000	30.5737
$	154 Terphenyl-d14	244	10.234	10.234	(0.916)	328718	20.0000	21.3813
	4 1,4-Dioxane	88	2.155	2.155	(0.473)	52038	20.0000	19.5729
	5 N-Nitrosodimethylamine	74	2.378	2.378	(0.522)	82183	20.0000	19.9365
	6 Pyridine	79	2.413	2.413	(0.530)	148132	20.0000	19.9562
	16 Phenol	94	4.188	4.188	(0.920)	162240	20.0000	21.5686
	18 Aniline	93	4.252	4.252	(0.934)	194184	20.0000	20.8207
	19 Methyl Styrene	118	4.282	4.282	(0.941)	131965	20.0000	21.8391
	20 Bis(2-chloroethyl) ether	93	4.287	4.287	(0.942)	119732	20.0000	22.0568
	21 Decane	43	4.340	4.340	(0.954)	139317	20.0000	20.0280

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.358	4.358	(0.957)	131731	20.0000	21.4874
25	1,3-Dichlorobenzene	146	4.499	4.499	(0.988)	152642	20.0000	20.8872
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	154118	20.0000	21.0734
28	Benzyl alcohol	108	4.664	4.664	(1.025)	84378	20.0000	20.9156
30	1,2-Dichlorobenzene	146	4.711	4.711	(1.035)	145456	20.0000	21.4608
32	2-Methylphenol	108	4.746	4.746	(1.043)	119240	20.0000	21.0203
34	2,2'-oxybis(1-chloropropane)	45	4.769	4.769	(1.048)	189434	20.0000	21.4918
35	1H-Indene	116	4.793	4.793	(1.053)	196883	20.0000	21.6475
138	3-Methylphenol	108	4.887	4.887	(1.074)	125501	20.0000	21.0838
36	4-Methylphenol	108	4.887	4.887	(1.074)	125501	20.0000	21.0838
139	3 & 4-Methylphenol	108	4.887	4.887	(1.074)	125501	20.0000	21.0838
37	N-nitrosodi-n-propylamine	70	4.899	4.899	(1.076)	90982	20.0000	22.2678
38	Acetophenone	105	4.916	4.916	(1.080)	176540	20.0000	22.2608
41	Hexachloroethane	117	5.028	5.028	(1.105)	57081	20.0000	21.2686
44	Nitrobenzene	77	5.092	5.092	(0.884)	128576	20.0000	21.2423
47	Isophorone	82	5.298	5.298	(0.919)	227889	20.0000	21.5963
50	2,4-Dimethylphenol	107	5.398	5.398	(0.937)	125541	20.0000	22.4857
49	2-Nitrophenol	139	5.392	5.392	(0.936)	62626	20.0000	20.6647
53	Benzoic acid	122	5.451	5.451	(0.946)	57167	20.0000	17.3159
52	Bis(2-chloroethoxy)methane	93	5.492	5.492	(0.953)	144334	20.0000	21.9645
54	2,4-Dichlorophenol	162	5.609	5.609	(0.973)	113032	20.0000	21.4395
56	n-Dodecane	43	5.686	5.686	(0.758)	135497	20.0000	21.9813
57	1,2,4-Trichlorobenzene	180	5.698	5.698	(0.989)	133623	20.0000	21.5860
59	Naphthalene	128	5.786	5.786	(1.004)	363362	20.0000	21.7772
60	4-Chloroaniline	127	5.833	5.833	(1.012)	158484	20.0000	21.8963
62	Hexachlorobutadiene	225	5.880	5.880	(1.020)	77711	20.0000	21.4433
67	Caprolactam	55	6.174	6.174	(1.071)	56154	20.0000	21.1109
68	4-Chloro-3-methylphenol	107	6.285	6.285	(1.091)	109157	20.0000	21.8856
71	2-Methylnaphthalene	142	6.461	6.461	(1.121)	248647	20.0000	22.0094
72	1-Methylnaphthalene	142	6.561	6.561	(1.139)	240101	20.0000	22.1986
74	Hexachlorocyclopentadiene	237	6.608	6.608	(0.881)	84677	20.0000	19.9541
78	2,4,6-Trichlorophenol	196	6.738	6.738	(0.898)	88669	20.0000	21.7213
79	2,3-Dichlorobenzeneamine	161	6.749	6.749	(0.900)	134450	20.0000	21.7568
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.903)	94833	20.0000	20.9342
83	Tetradecane	43	6.849	6.849	(0.913)	135674	20.0000	22.1925
86	2-Chloronaphthalene	162	6.955	6.955	(0.927)	242852	20.0000	21.3518
88	2-Nitroaniline	65	7.061	7.061	(0.941)	66761	20.0000	20.2622
91	Dimethyl phthalate	163	7.208	7.208	(0.961)	259962	20.0000	21.1881
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.971)	57211	20.0000	20.1528
94	Acenaphthylene	152	7.366	7.366	(0.982)	375810	20.0000	22.0871
95	3-Nitroaniline	138	7.460	7.460	(0.995)	63267	20.0000	20.2473
97	Acenaphthene	153	7.531	7.531	(1.004)	238009	20.0000	21.6790
98	2,4-Dinitrophenol	184	7.560	7.560	(1.008)	26516	20.0000	15.3306
99	4-Nitrophenol	109	7.595	7.595	(1.013)	34382	20.0000	19.6565
101	2,4-Dinitrotoluene	165	7.678	7.678	(1.023)	71157	20.0000	20.9330
102	Dibenzofuran	168	7.689	7.689	(1.025)	333958	20.0000	22.0293
105	Hexadecane	57	7.842	7.842	(1.045)	165619	20.0000	22.2842
107	Diethyl phthalate	149	7.872	7.872	(1.049)	247451	20.0000	21.2273
109	4-Chlorophenyl phenyl ether	204	7.995	7.995	(1.066)	143625	20.0000	21.7604
110	Fluorene	166	8.013	8.013	(1.068)	276931	20.0000	21.7337
112	4-Nitroaniline	138	8.042	8.042	(1.072)	61810	20.0000	20.3696
113	4,6-Dinitro-2-methylphenol	198	8.054	8.054	(0.907)	41416	20.0000	17.6286
115	N-nitrosodiphenylamine	169	8.112	8.112	(0.914)	244791	20.0000	21.8928
116	Azobenzene	77	8.142	8.142	(1.085)	263458	20.0000	21.6244

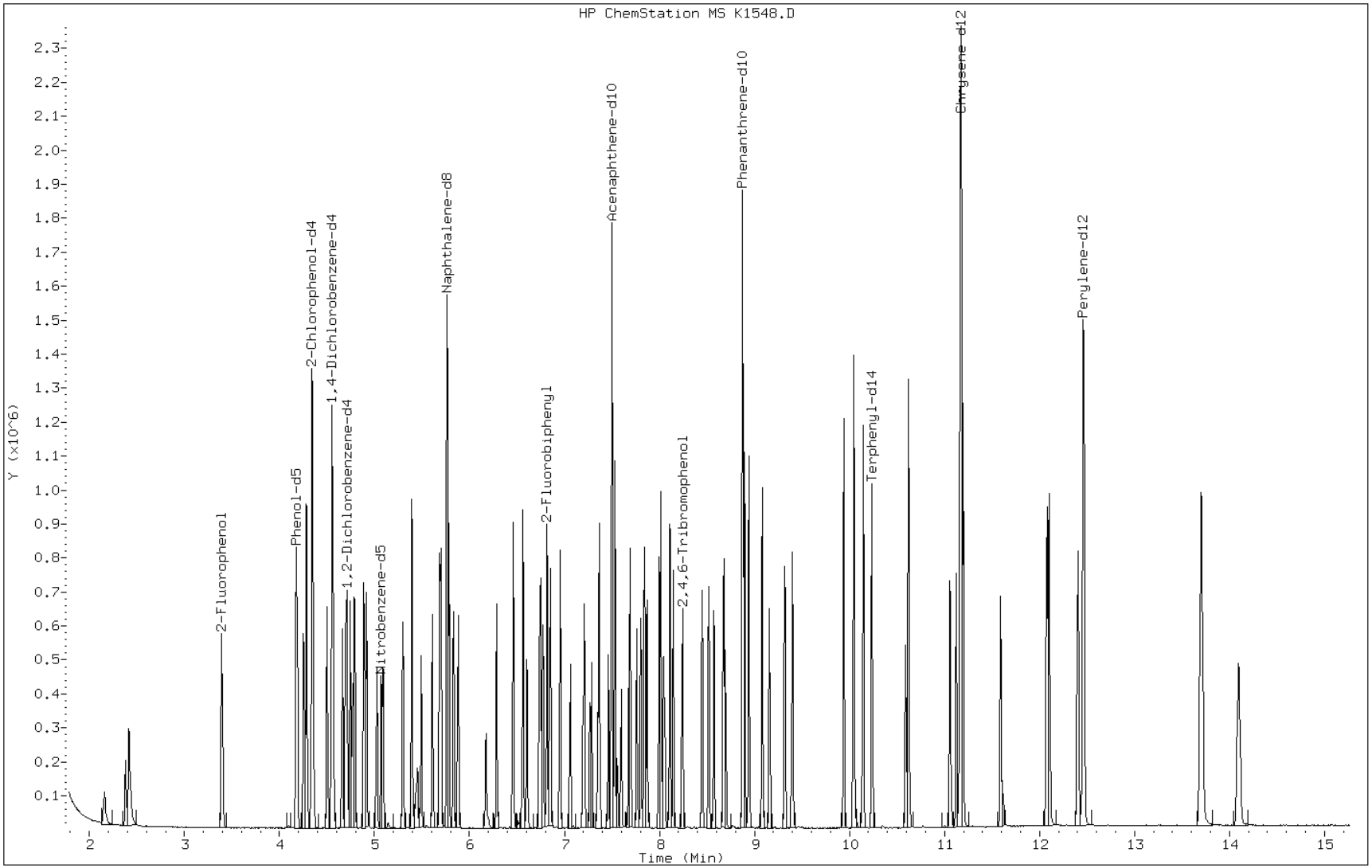
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.142	8.142	(1.085)	263458	20.2195	21.8617
242	2,4,6 - Tribromophenol	330	8.242	8.242	(1.099)	69370	30.0000	30.5737
124	4-Bromophenyl phenyl ether	248	8.447	8.447	(0.952)	90487	20.0000	21.5204
125	Hexachlorobenzene	284	8.518	8.518	(0.960)	95952	20.0000	21.0411
127	Atrazine	200	8.577	8.577	(0.966)	75623	20.0000	21.6320
128	n-Octadecane	85	8.677	8.677	(0.977)	62174	20.0000	22.1488
129	Pentachlorophenol	266	8.694	8.694	(0.979)	60178	20.0000	19.2529
136	Phenanthrene	178	8.894	8.894	(1.002)	399159	20.0000	21.8087
137	Anthracene	178	8.941	8.941	(1.007)	400207	20.0000	21.4717
140	Carbazole	167	9.082	9.082	(1.023)	372021	20.0000	21.7012
141	Alachlor	188	9.158	9.158	(1.032)	50619	20.0000	21.0901
143	Di-n-butyl phthalate	149	9.317	9.317	(1.050)	406743	20.0000	21.7778
144	n-Eicosane	43	9.399	9.399	(1.253)	120454	20.0000	22.2590
149	Fluoranthene	202	9.940	9.940	(1.120)	461437	20.0000	21.7872
150	n-docosane	43	10.046	10.046	(1.339)	113820	20.0000	23.4413
151	Benzidine	184	10.046	10.046	(0.899)	245304	20.0000	22.7037
152	Pyrene	202	10.145	10.145	(0.908)	469899	20.0000	20.9879
158	Famphur	218	10.592	10.592	(0.948)	161938	20.0000	23.1162
159	Butyl benzyl phthalate	149	10.615	10.615	(0.950)	179233	20.0000	21.9529
162	Bis(2-ethylhexyl) phthalate	149	11.056	11.056	(0.989)	238034	20.0000	20.8541
164	3 3'-Dichlorobenzidine	252	11.121	11.121	(0.995)	169833	20.0000	20.6474
165	Benzo(a)anthracene	228	11.162	11.162	(0.999)	454550	20.0000	20.5532
167	Chrysene	228	11.197	11.197	(1.002)	448503	20.0000	20.9392
168	Di-n-octyl phthalate	149	11.591	11.591	(1.037)	390250	20.0000	20.4014
171	Benzo(b)fluoranthene	252	12.079	12.079	(0.969)	476946	20.0000	21.5657
172	Benzo(k)fluoranthene	252	12.102	12.102	(0.971)	494484	20.0000	20.4564
178	Benzo(a)pyrene	252	12.402	12.402	(0.995)	440898	20.0000	21.3216
185	Dibenz(a,h)anthracene	278	13.700	13.700	(1.099)	394209	20.0000	20.6865
186	Indeno(1,2,3-cd)pyrene	276	13.706	13.706	(1.227)	495011	20.0000	20.0015
188	Benzo(g,h,i)perylene	276	14.094	14.094	(1.131)	423843	20.0000	20.7525

Data File: K1548.D

Date: 05-AUG-2011 12:19

Client ID: MS-HSL020_00011 Instrument: K.i

Sample Info: STD020-840616,,MS-HSL020_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1549.D
Lab Smp Id: STD050-840617 Client Smp ID: MS-HSL050_00011
Inj Date : 05-AUG-2011 12:41
Operator : KIEKELD Inst ID: K.i
Smp Info : STD050-840617,,MS-HSL050_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 12:19 Cal File: K1548.D
Als bottle: 14 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	182744	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	693747	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	399936	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	676266	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	779126	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	780184	40.0000	
$ 22 2-Chlorophenol-d4	132	4.346	4.346	(0.955)	467180	75.0000	77.9690
$ 29 1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	226475	50.0000	50.8131
$ 8 2-Fluorophenol	112	3.394	3.394	(0.746)	475944	75.0000	76.6924
$ 15 Phenol-d5	99	4.182	4.182	(0.919)	578123	75.0000	77.4547
$ 43 Nitrobenzene-d5	82	5.075	5.075	(0.880)	331957	50.0000	52.0751
$ 81 2-Fluorobiphenyl	172	6.820	6.820	(0.909)	681161	50.0000	52.3369
$ 118 2,4,6-Tribromophenol	330	8.242	8.242	(1.099)	174784	75.0000	76.7584
$ 154 Terphenyl-d14	244	10.234	10.234	(0.916)	776814	50.0000	51.9611
4 1,4-Dioxane	88	2.161	2.161	(0.475)	136470	50.0000	49.6021
5 N-Nitrosodimethylamine	74	2.384	2.384	(0.524)	215835	50.0000	50.5960
6 Pyridine	79	2.419	2.419	(0.531)	384198	50.0000	50.0162
16 Phenol	94	4.194	4.194	(0.921)	402989	50.0000	51.7708
18 Aniline	93	4.258	4.258	(0.935)	493909	50.0000	51.1750
19 Methyl Styrene	118	4.282	4.282	(0.941)	323398	50.0000	51.7180
20 Bis(2-chloroethyl) ether	93	4.293	4.293	(0.943)	289729	50.0000	51.5766
21 Decane	43	4.346	4.346	(0.955)	324468	50.0000	51.1211

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.358	4.358	(0.957)	329704	50.0000	51.9693
25	1,3-Dichlorobenzene	146	4.505	4.505	(0.990)	386918	50.0000	51.1628
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	386455	50.0000	51.0632
28	Benzyl alcohol	108	4.664	4.664	(1.025)	212578	50.0000	50.9200
30	1,2-Dichlorobenzene	146	4.711	4.711	(1.035)	359865	50.0000	51.3076
32	2-Methylphenol	108	4.746	4.746	(1.043)	304450	50.0000	51.8634
34	2,2'-oxybis(1-chloropropane)	45	4.769	4.769	(1.048)	470652	50.0000	51.5991
35	1H-Indene	116	4.793	4.793	(1.053)	492808	50.0000	52.3608
138	3-Methylphenol	108	4.893	4.893	(1.075)	316571	50.0000	51.3927
36	4-Methylphenol	108	4.893	4.893	(1.075)	316571	50.0000	51.3927
139	3 & 4-Methylphenol	108	4.893	4.893	(1.075)	316571	50.0000	51.3927
37	N-nitrosodi-n-propylamine	70	4.905	4.905	(1.077)	226081	50.0000	53.4704
38	Acetophenone	105	4.922	4.922	(1.081)	429274	50.0000	52.3070
41	Hexachloroethane	117	5.028	5.028	(1.105)	143118	50.0000	51.5312
44	Nitrobenzene	77	5.093	5.093	(0.883)	323108	50.0000	51.8271
47	Isophorone	82	5.304	5.304	(0.920)	558241	50.0000	51.3626
50	2,4-Dimethylphenol	107	5.398	5.398	(0.936)	302741	50.0000	52.6453
49	2-Nitrophenol	139	5.392	5.392	(0.935)	164679	50.0000	52.7572
53	Benzoic acid	122	5.486	5.486	(0.951)	169749	50.0000	49.9199
52	Bis(2-chloroethoxy)methane	93	5.492	5.492	(0.952)	355944	50.0000	52.5900
54	2,4-Dichlorophenol	162	5.615	5.615	(0.974)	280942	50.0000	51.7366
56	n-Dodecane	43	5.686	5.686	(0.758)	331294	50.0000	53.5531
57	1,2,4-Trichlorobenzene	180	5.704	5.704	(0.989)	328343	50.0000	51.4977
59	Naphthalene	128	5.786	5.786	(1.003)	889406	50.0000	51.7524
60	4-Chloroaniline	127	5.833	5.833	(1.011)	384480	50.0000	51.5737
62	Hexachlorobutadiene	225	5.880	5.880	(1.019)	192306	50.0000	51.5194
67	Caprolactam	55	6.191	6.191	(1.073)	141014	50.0000	51.4702
68	4-Chloro-3-methylphenol	107	6.291	6.291	(1.091)	266633	50.0000	51.9026
71	2-Methylnaphthalene	142	6.462	6.462	(1.120)	603260	50.0000	51.8440
72	1-Methylnaphthalene	142	6.561	6.561	(1.138)	570883	50.0000	51.2444
74	Hexachlorocyclopentadiene	237	6.608	6.608	(0.881)	218347	50.0000	51.2699
78	2,4,6-Trichlorophenol	196	6.738	6.738	(0.898)	215335	50.0000	52.5625
79	2,3-Dichlorobenzeneamine	161	6.755	6.755	(0.901)	326430	50.0000	52.6348
80	2,4,5-Trichlorophenol	196	6.779	6.779	(0.904)	238613	50.0000	52.4854
83	Tetradecane	43	6.849	6.849	(0.913)	324619	50.0000	52.9093
86	2-Chloronaphthalene	162	6.955	6.955	(0.927)	584442	50.0000	51.2015
88	2-Nitroaniline	65	7.067	7.067	(0.942)	170635	50.0000	51.6036
91	Dimethyl phthalate	163	7.214	7.214	(0.962)	625670	50.0000	50.8130
93	2,6-Dinitrotoluene	165	7.290	7.290	(0.972)	144917	50.0000	50.8656
94	Acenaphthylene	152	7.366	7.366	(0.982)	875305	50.0000	51.2599
95	3-Nitroaniline	138	7.466	7.466	(0.995)	162835	50.0000	51.9260
97	Acenaphthene	153	7.531	7.531	(1.004)	566869	50.0000	51.4489
98	2,4-Dinitrophenol	184	7.560	7.560	(1.008)	80709	50.0000	46.4965
99	4-Nitrophenol	109	7.601	7.601	(1.013)	88240	50.0000	50.2676
101	2,4-Dinitrotoluene	165	7.678	7.678	(1.023)	180167	50.0000	52.8124
102	Dibenzofuran	168	7.695	7.695	(1.026)	786998	50.0000	51.7286
105	Hexadecane	57	7.842	7.842	(1.045)	388815	50.0000	52.1287
107	Diethyl phthalate	149	7.872	7.872	(1.049)	597259	50.0000	51.0525
109	4-Chlorophenyl phenyl ether	204	7.995	7.995	(1.066)	340314	50.0000	51.3764
110	Fluorene	166	8.019	8.019	(1.069)	650847	50.0000	50.8967
112	4-Nitroaniline	138	8.048	8.048	(1.073)	157100	50.0000	51.5878
113	4,6-Dinitro-2-methylphenol	198	8.060	8.060	(0.908)	117542	50.0000	50.5719
115	N-nitrosodiphenylamine	169	8.113	8.113	(0.914)	587063	50.0000	53.0712
116	Azobenzene	77	8.148	8.148	(1.086)	628369	50.0000	51.3919

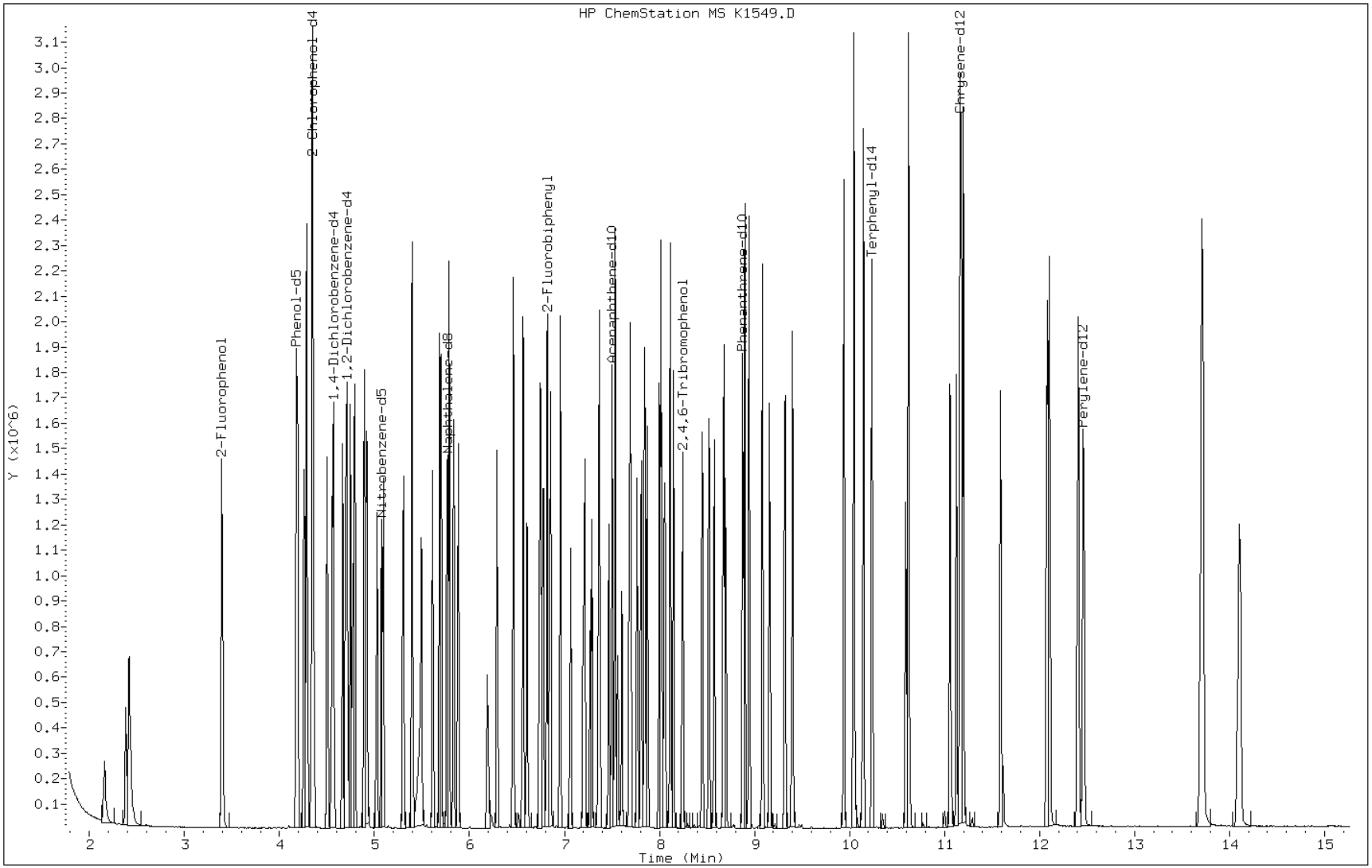
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.148	8.148	(1.086)	628369	50.5487	51.9559
242	2,4,6 - Tribromophenol	330	8.242	8.242	(1.099)	174784	75.0000	76.7584
124	4-Bromophenyl phenyl ether	248	8.447	8.447	(0.952)	212986	50.0000	51.2015
125	Hexachlorobenzene	284	8.518	8.518	(0.960)	232850	50.0000	51.6129
127	Atrazine	200	8.577	8.577	(0.966)	181370	50.0000	52.4416
128	n-Octadecane	85	8.677	8.677	(0.977)	148057	50.0000	53.3137
129	Pentachlorophenol	266	8.694	8.694	(0.979)	155322	50.0000	50.2295
136	Phenanthrene	178	8.900	8.900	(1.003)	925224	50.0000	51.0972
137	Anthracene	178	8.941	8.941	(1.007)	959153	50.0000	52.0160
140	Carbazole	167	9.082	9.082	(1.023)	860635	50.0000	50.7461
141	Alachlor	188	9.158	9.158	(1.032)	124343	50.0000	52.3666
143	Di-n-butyl phthalate	149	9.323	9.323	(1.050)	966155	50.0000	52.2888
144	n-Eicosane	43	9.399	9.399	(1.253)	283979	50.0000	52.2899
149	Fluoranthene	202	9.940	9.940	(1.120)	1076144	50.0000	51.3603
150	n-docosane	43	10.046	10.046	(1.339)	261293	50.0000	53.6215
151	Benzidine	184	10.046	10.046	(0.899)	570156	50.0000	54.2670
152	Pyrene	202	10.146	10.146	(0.908)	1119296	50.0000	51.4115
158	Famphur	218	10.592	10.592	(0.948)	366935	50.0000	53.8649
159	Butyl benzyl phthalate	149	10.621	10.621	(0.951)	416990	50.0000	52.5231
162	Bis(2-ethylhexyl) phthalate	149	11.062	11.062	(0.990)	587187	50.0000	52.9029
164	3 3'-Dichlorobenzidine	252	11.127	11.127	(0.996)	419092	50.0000	52.3964
165	Benzo(a)anthracene	228	11.162	11.162	(0.999)	1088285	50.0000	50.6047
167	Chrysene	228	11.197	11.197	(1.002)	1072770	50.0000	51.5052
168	Di-n-octyl phthalate	149	11.591	11.591	(1.037)	1014574	50.0000	54.5446
171	Benzo(b)fluoranthene	252	12.079	12.079	(0.969)	1084832	50.0000	48.4785
172	Benzo(k)fluoranthene	252	12.108	12.108	(0.972)	1312266	50.0000	53.6526
178	Benzo(a)pyrene	252	12.408	12.408	(0.996)	1093538	50.0000	52.2646
185	Dibenz(a,h)anthracene	278	13.712	13.712	(1.100)	993138	50.0000	51.5065
186	Indeno(1,2,3-cd)pyrene	276	13.712	13.712	(1.227)	1243050	50.0000	51.6520
188	Benzo(g,h,i)perylene	276	14.106	14.106	(1.132)	1066928	50.0000	51.6289

Data File: K1549.D

Date: 05-AUG-2011 12:41

Client ID: MS-HSL050_00011 Instrument: K.i

Sample Info: STD050-840617,,MS-HSL050_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1550.D
Lab Smp Id: STD120-840621 Client Smp ID: MS-HSL120_00011
Inj Date : 05-AUG-2011 13:02
Operator : KIEKELD Inst ID: K.i
Smp Info : STD120-840621,,MS-HSL120_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 12:41 Cal File: K1549.D
Als bottle: 15 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	166414	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	642256	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	367057	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	628126	40.0000	
* 166 Chrysene-d12	240	11.185	11.185	(1.000)	733626	40.0000	
* 179 Perylene-d12	264	12.478	12.478	(1.000)	746573	40.0000	
$ 22 2-Chlorophenol-d4	132	4.352	4.352	(0.956)	907870	180.000	166.385
$ 29 1,2-Dichlorobenzene-d4	152	4.699	4.699	(1.032)	464678	120.000	114.488
$ 8 2-Fluorophenol	112	3.394	3.394	(0.746)	975898	180.000	172.685
$ 15 Phenol-d5	99	4.188	4.188	(0.920)	1169016	180.000	171.989
$ 43 Nitrobenzene-d5	82	5.081	5.081	(0.881)	698700	120.000	118.395
$ 81 2-Fluorobiphenyl	172	6.820	6.820	(0.909)	1381527	120.000	115.658
$ 118 2,4,6-Tribromophenol	330	8.248	8.248	(1.099)	388011	180.000	185.663
$ 154 Terphenyl-d14	244	10.239	10.239	(0.915)	1637907	120.000	116.355
4 1,4-Dioxane	88	2.155	2.155	(0.473)	291251	120.000	116.247
5 N-Nitrosodimethylamine	74	2.384	2.384	(0.524)	453112	120.000	116.641
6 Pyridine	79	2.419	2.419	(0.531)	819517	120.000	117.157
16 Phenol	94	4.199	4.199	(0.923)	804885	120.000	113.548
18 Aniline	93	4.264	4.264	(0.937)	1022935	120.000	116.389
19 Methyl Styrene	118	4.287	4.287	(0.942)	644635	120.000	113.206
20 Bis(2-chloroethyl) ether	93	4.299	4.299	(0.945)	571242	120.000	111.670
21 Decane	43	4.346	4.346	(0.955)	603758	120.000	118.546

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.364	4.364	(0.959)	654372	120.000	113.266
25	1,3-Dichlorobenzene	146	4.505	4.505	(0.990)	772510	120.000	112.174
27	1,4-Dichlorobenzene	146	4.569	4.569	(1.004)	774977	120.000	112.448
28	Benzyl alcohol	108	4.669	4.669	(1.026)	439236	120.000	115.537
30	1,2-Dichlorobenzene	146	4.716	4.716	(1.036)	717610	120.000	112.353
32	2-Methylphenol	108	4.752	4.752	(1.044)	616701	120.000	115.365
34	2,2'-oxybis(1-chloropropane)	45	4.775	4.775	(1.049)	954058	120.000	114.860
35	1H-Indene	116	4.793	4.793	(1.053)	981966	120.000	114.572
138	3-Methylphenol	108	4.899	4.899	(1.076)	642638	120.000	114.564
36	4-Methylphenol	108	4.899	4.899	(1.076)	642638	120.000	114.564
139	3 & 4-Methylphenol	108	4.899	4.899	(1.076)	642638	120.000	114.564
37	N-nitrosodi-n-propylamine	70	4.916	4.916	(1.080)	439853	120.000	114.238
38	Acetophenone	105	4.928	4.928	(1.083)	844489	120.000	112.998
41	Hexachloroethane	117	5.028	5.028	(1.105)	285538	120.000	112.900
44	Nitrobenzene	77	5.098	5.098	(0.884)	673788	120.000	116.741
47	Isophorone	82	5.310	5.310	(0.921)	1154978	120.000	114.787
50	2,4-Dimethylphenol	107	5.404	5.404	(0.937)	597371	120.000	112.208
49	2-Nitrophenol	139	5.398	5.398	(0.936)	337477	120.000	116.783
53	Benzoic acid	122	5.521	5.521	(0.957)	380182	120.000	120.768
52	Bis(2-chloroethoxy)methane	93	5.498	5.498	(0.953)	714766	120.000	114.072
54	2,4-Dichlorophenol	162	5.615	5.615	(0.974)	583507	120.000	116.070
56	n-Dodecane	43	5.686	5.686	(0.758)	643758	120.000	113.384
57	1,2,4-Trichlorobenzene	180	5.703	5.703	(0.989)	663645	120.000	112.432
59	Naphthalene	128	5.792	5.792	(1.004)	1764225	120.000	110.886
60	4-Chloroaniline	127	5.839	5.839	(1.012)	791527	120.000	114.687
62	Hexachlorobutadiene	225	5.886	5.886	(1.020)	399556	120.000	115.624
67	Caprolactam	55	6.226	6.226	(1.079)	312587	120.000	123.242
68	4-Chloro-3-methylphenol	107	6.297	6.297	(1.092)	554839	120.000	116.664
71	2-Methylnaphthalene	142	6.467	6.467	(1.121)	1198877	120.000	111.291
72	1-Methylnaphthalene	142	6.567	6.567	(1.139)	1150755	120.000	111.577
74	Hexachlorocyclopentadiene	237	6.608	6.608	(0.881)	479417	120.000	122.655
78	2,4,6-Trichlorophenol	196	6.743	6.743	(0.899)	434846	120.000	115.652
79	2,3-Dichlorobenzeneamine	161	6.755	6.755	(0.901)	650798	120.000	114.337
80	2,4,5-Trichlorophenol	196	6.779	6.779	(0.904)	494785	120.000	118.582
83	Tetradecane	43	6.855	6.855	(0.914)	643564	120.000	114.290
86	2-Chloronaphthalene	162	6.961	6.961	(0.928)	1189488	120.000	113.542
88	2-Nitroaniline	65	7.072	7.072	(0.943)	373251	120.000	122.990
91	Dimethyl phthalate	163	7.219	7.219	(0.962)	1291442	120.000	114.278
93	2,6-Dinitrotoluene	165	7.296	7.296	(0.973)	310215	120.000	118.638
94	Acenaphthylene	152	7.372	7.372	(0.983)	1756086	120.000	112.052
95	3-Nitroaniline	138	7.478	7.478	(0.997)	351331	120.000	122.070
97	Acenaphthene	153	7.537	7.537	(1.005)	1140516	120.000	112.785
98	2,4-Dinitrophenol	184	7.572	7.572	(1.009)	203264	120.000	127.590
99	4-Nitrophenol	109	7.619	7.619	(1.016)	198403	120.000	123.148
101	2,4-Dinitrotoluene	165	7.689	7.689	(1.025)	376755	120.000	120.331
102	Dibenzofuran	168	7.701	7.701	(1.027)	1554300	120.000	111.314
105	Hexadecane	57	7.848	7.848	(1.046)	782431	120.000	114.298
107	Diethyl phthalate	149	7.883	7.883	(1.051)	1233998	120.000	114.928
109	4-Chlorophenyl phenyl ether	204	8.001	8.001	(1.067)	709216	120.000	116.659
110	Fluorene	166	8.024	8.024	(1.070)	1317505	120.000	112.259
112	4-Nitroaniline	138	8.065	8.065	(1.075)	340395	120.000	121.790
113	4,6-Dinitro-2-methylphenol	198	8.071	8.071	(0.909)	273857	120.000	126.856
115	N-nitrosodiphenylamine	169	8.118	8.118	(0.915)	1192080	120.000	116.024
116	Azobenzene	77	8.154	8.154	(1.087)	1275593	120.000	113.671

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.154	8.154	(1.087)	1275593	121.317	114.918
242	2,4,6 - Tribromophenol	330	8.248	8.248	(1.099)	388011	180.000	185.663
124	4-Bromophenyl phenyl ether	248	8.453	8.453	(0.952)	460077	120.000	119.078
125	Hexachlorobenzene	284	8.524	8.524	(0.960)	500515	120.000	119.446
127	Atrazine	200	8.583	8.583	(0.967)	377466	120.000	117.506
128	n-Octadecane	85	8.677	8.677	(0.977)	302845	120.000	117.409
129	Pentachlorophenol	266	8.700	8.700	(0.980)	355671	120.000	123.836
136	Phenanthrene	178	8.900	8.900	(1.003)	1907303	120.000	113.407
137	Anthracene	178	8.947	8.947	(1.008)	1970751	120.000	115.067
140	Carbazole	167	9.088	9.088	(1.024)	1810617	120.000	114.942
141	Alachlor	188	9.164	9.164	(1.032)	260309	120.000	118.030
143	Di-n-butyl phthalate	149	9.323	9.323	(1.050)	2016005	120.000	117.469
144	n-Eicosane	43	9.399	9.399	(1.253)	578795	120.000	116.122
149	Fluoranthene	202	9.946	9.946	(1.120)	2250311	120.000	115.630
150	n-docosane	43	10.051	10.051	(1.340)	501313	120.000	112.093
151	Benzidine	184	10.051	10.051	(0.899)	1129840	120.000	114.207
152	Pyrene	202	10.151	10.151	(0.908)	2332005	120.000	113.757
158	Famphur	218	10.598	10.598	(0.947)	687674	120.000	107.209
159	Butyl benzyl phthalate	149	10.621	10.621	(0.950)	845123	120.000	113.052
162	Bis(2-ethylhexyl) phthalate	149	11.068	11.068	(0.989)	1273437	120.000	121.847
164	3 3'-Dichlorobenzidine	252	11.138	11.138	(0.996)	900793	120.000	119.605
165	Benzo(a)anthracene	228	11.174	11.174	(0.999)	2342827	120.000	115.697
167	Chrysene	228	11.209	11.209	(1.002)	2202869	120.000	112.322
168	Di-n-octyl phthalate	149	11.603	11.603	(1.037)	2201473	120.000	125.694
171	Benzo(b)fluoranthene	252	12.102	12.102	(0.970)	2686852	120.000	125.474
172	Benzo(k)fluoranthene	252	12.125	12.125	(0.972)	2496893	120.000	106.683(H)
178	Benzo(a)pyrene	252	12.425	12.425	(0.996)	2356838	120.000	117.714
185	Dibenz(a,h)anthracene	278	13.741	13.741	(1.101)	2211047	120.000	119.833
186	Indeno(1,2,3-cd)pyrene	276	13.747	13.747	(1.229)	2741024	120.000	120.961
188	Benzo(g,h,i)perylene	276	14.141	14.141	(1.133)	2363918	120.000	119.540

QC Flag Legend

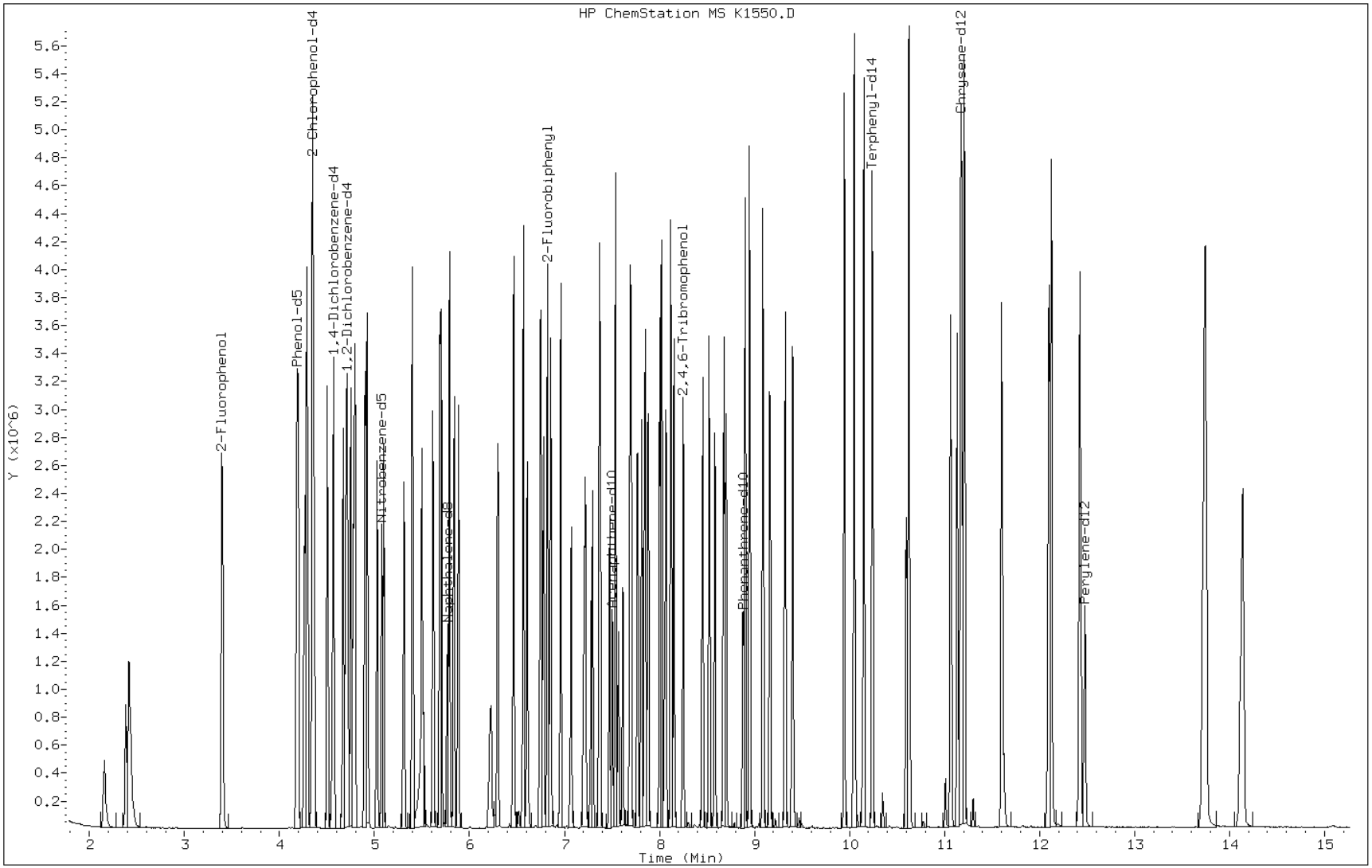
H - Operator selected an alternate compound hit.

Data File: K1550.D

Date: 05-AUG-2011 13:02

Client ID: MS-HSL120_00011 Instrument: K.i

Sample Info: STD120-840621,,MS-HSL120_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1551.D
Lab Smp Id: STD160-840622 Client Smp ID: MS-HSL160_00011
Inj Date : 05-AUG-2011 13:24
Operator : KIEKELD Inst ID: K.i
Smp Info : STD160-840622,,MS-HSL160_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 13:02 Cal File: K1550.D
Als bottle: 16 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	172796	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	664967	40.0000	
* 96 Acenaphthene-d10	164	7.507	7.507	(1.000)	382889	40.0000	
* 135 Phenanthrene-d10	188	8.882	8.882	(1.000)	665526	40.0000	
* 166 Chrysene-d12	240	11.191	11.191	(1.000)	747735	40.0000	
* 179 Perylene-d12	264	12.490	12.490	(1.000)	767798	40.0000	
$ 22 2-Chlorophenol-d4	132	4.352	4.352	(0.956)	1205190	240.000	212.717
$ 29 1,2-Dichlorobenzene-d4	152	4.705	4.705	(1.034)	626952	160.000	148.764
$ 8 2-Fluorophenol	112	3.400	3.400	(0.747)	1336408	240.000	227.743
$ 15 Phenol-d5	99	4.194	4.194	(0.921)	1561108	240.000	221.192
$ 43 Nitrobenzene-d5	82	5.081	5.081	(0.881)	951966	160.000	155.801
$ 81 2-Fluorobiphenyl	172	6.826	6.826	(0.909)	1818178	160.000	145.919
$ 118 2,4,6-Tribromophenol	330	8.254	8.254	(1.099)	533642	240.000	244.789
$ 154 Terphenyl-d14	244	10.240	10.240	(0.915)	2146862	160.000	149.632
4 1,4-Dioxane	88	2.161	2.161	(0.475)	403443	160.000	155.080
5 N-Nitrosodimethylamine	74	2.390	2.390	(0.525)	633241	160.000	156.990
6 Pyridine	79	2.419	2.419	(0.531)	1137623	160.000	156.626
16 Phenol	94	4.205	4.205	(0.924)	1081734	160.000	146.968
18 Aniline	93	4.270	4.270	(0.938)	1405402	160.000	154.000
19 Methyl Styrene	118	4.288	4.288	(0.942)	857710	160.000	145.062
20 Bis(2-chloroethyl) ether	93	4.299	4.299	(0.945)	764170	160.000	143.867
21 Decane	43	4.346	4.346	(0.955)	796373	160.000	159.017

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.370	4.370	(0.960)	886114	160.000	147.714
25	1,3-Dichlorobenzene	146	4.505	4.505	(0.990)	1045337	160.000	146.184
27	1,4-Dichlorobenzene	146	4.570	4.570	(1.004)	1038191	160.000	145.076
28	Benzyl alcohol	108	4.675	4.675	(1.027)	600383	160.000	152.092
30	1,2-Dichlorobenzene	146	4.717	4.717	(1.036)	964222	160.000	145.388
32	2-Methylphenol	108	4.752	4.752	(1.044)	832025	160.000	149.896
34	2,2'-oxybis(1-chloropropane)	45	4.775	4.775	(1.049)	1257550	160.000	145.806
35	1H-Indene	116	4.793	4.793	(1.053)	1296617	160.000	145.697
138	3-Methylphenol	108	4.905	4.905	(1.077)	871611	160.000	149.645(Q)
36	4-Methylphenol	108	4.905	4.905	(1.077)	871611	160.000	149.645(Q)
139	3 & 4-Methylphenol	108	4.905	4.905	(1.077)	871611	160.000	149.645(Q)
37	N-nitrosodi-n-propylamine	70	4.922	4.922	(1.081)	561893	160.000	140.544
38	Acetophenone	105	4.928	4.928	(1.083)	1107138	160.000	142.671
41	Hexachloroethane	117	5.028	5.028	(1.105)	388864	160.000	148.075
44	Nitrobenzene	77	5.104	5.104	(0.885)	904084	160.000	151.293
47	Isophorone	82	5.316	5.316	(0.922)	1566146	160.000	150.334
50	2,4-Dimethylphenol	107	5.410	5.410	(0.938)	796776	160.000	144.553
49	2-Nitrophenol	139	5.398	5.398	(0.936)	461188	160.000	154.142
53	Benzoic acid	122	5.539	5.539	(0.960)	550321	160.000	168.843
52	Bis(2-chloroethoxy)methane	93	5.498	5.498	(0.953)	944926	160.000	145.653
54	2,4-Dichlorophenol	162	5.621	5.621	(0.975)	790195	160.000	151.816
56	n-Dodecane	43	5.692	5.692	(0.758)	836854	160.000	141.299
57	1,2,4-Trichlorobenzene	180	5.704	5.704	(0.989)	874146	160.000	143.036
59	Naphthalene	128	5.792	5.792	(1.004)	2333729	160.000	141.671
60	4-Chloroaniline	127	5.839	5.839	(1.012)	1049596	160.000	146.885
62	Hexachlorobutadiene	225	5.886	5.886	(1.020)	538736	160.000	150.576
67	Caprolactam	55	6.244	6.244	(1.083)	392749	160.000	149.558
68	4-Chloro-3-methylphenol	107	6.303	6.303	(1.093)	732533	160.000	148.766
71	2-Methylnaphthalene	142	6.468	6.468	(1.121)	1594072	160.000	142.923
72	1-Methylnaphthalene	142	6.567	6.567	(1.139)	1516583	160.000	142.026
74	Hexachlorocyclopentadiene	237	6.609	6.609	(0.880)	640332	160.000	157.050
78	2,4,6-Trichlorophenol	196	6.750	6.750	(0.899)	579524	160.000	147.758
79	2,3-Dichlorobenzeneamine	161	6.761	6.761	(0.901)	864094	160.000	145.533
80	2,4,5-Trichlorophenol	196	6.785	6.785	(0.904)	653084	160.000	150.048
83	Tetradecane	43	6.855	6.855	(0.913)	841434	160.000	143.250
86	2-Chloronaphthalene	162	6.961	6.961	(0.927)	1577065	160.000	144.314
88	2-Nitroaniline	65	7.073	7.073	(0.942)	498321	160.000	157.412
91	Dimethyl phthalate	163	7.225	7.225	(0.962)	1758289	160.000	149.155
93	2,6-Dinitrotoluene	165	7.302	7.302	(0.973)	419203	160.000	153.690
94	Acenaphthylene	152	7.378	7.378	(0.983)	2279591	160.000	139.442
95	3-Nitroaniline	138	7.484	7.484	(0.997)	473228	160.000	157.625
97	Acenaphthene	153	7.543	7.543	(1.005)	1496791	160.000	141.897
98	2,4-Dinitrophenol	184	7.572	7.572	(1.009)	298360	160.000	179.538
99	4-Nitrophenol	109	7.625	7.625	(1.016)	275699	160.000	164.050
101	2,4-Dinitrotoluene	165	7.696	7.696	(1.025)	510474	160.000	156.298
102	Dibenzofuran	168	7.701	7.701	(1.026)	2049042	160.000	140.678
105	Hexadecane	57	7.848	7.848	(1.045)	1027990	160.000	143.959
107	Diethyl phthalate	149	7.884	7.884	(1.050)	1638937	160.000	146.330
109	4-Chlorophenyl phenyl ether	204	8.001	8.001	(1.066)	940702	160.000	148.338
110	Fluorene	166	8.025	8.025	(1.069)	1761879	160.000	143.914
112	4-Nitroaniline	138	8.072	8.072	(1.075)	460805	160.000	158.054
113	4,6-Dinitro-2-methylphenol	198	8.077	8.077	(0.909)	378390	160.000	165.428
115	N-nitrosodiphenylamine	169	8.124	8.124	(0.915)	1568845	160.000	144.114
116	Azobenzene	77	8.154	8.154	(1.086)	1705729	160.000	145.716

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
234 1,2-DPH(as Azobenzene)	77	8.154	8.154	(1.086)	1705729	161.756	147.315
242 2,4,6 - Tribromophenol	330	8.254	8.254	(1.099)	533642	240.000	244.789(A)
124 4-Bromophenyl phenyl ether	248	8.453	8.453	(0.952)	618053	160.000	150.977
125 Hexachlorobenzene	284	8.530	8.530	(0.960)	672264	160.000	151.417
127 Atrazine	200	8.589	8.589	(0.967)	499230	160.000	146.677
128 n-Octadecane	85	8.677	8.677	(0.977)	386539	160.000	141.434
129 Pentachlorophenol	266	8.706	8.706	(0.980)	479924	160.000	157.707
136 Phenanthrene	178	8.906	8.906	(1.003)	2543437	160.000	142.733
137 Anthracene	178	8.953	8.953	(1.008)	2624565	160.000	144.630
140 Carbazole	167	9.094	9.094	(1.024)	2402441	160.000	143.942
141 Alachlor	188	9.164	9.164	(1.032)	354226	160.000	151.588
143 Di-n-butyl phthalate	149	9.323	9.323	(1.050)	2679838	160.000	147.375
144 n-Eicosane	43	9.399	9.399	(1.252)	755594	160.000	145.324
149 Fluoranthene	202	9.952	9.952	(1.120)	2992805	160.000	145.140
150 n-docosane	43	10.052	10.052	(1.339)	634458	160.000	135.998
151 Benzidine	184	10.052	10.052	(0.898)	1488562	160.000	147.628
152 Pyrene	202	10.151	10.151	(0.907)	3106017	160.000	148.655
158 Famphur	218	10.598	10.598	(0.947)	813944	160.000	124.501
159 Butyl benzyl phthalate	149	10.627	10.627	(0.950)	1101149	160.000	144.521
162 Bis(2-ethylhexyl) phthalate	149	11.068	11.068	(0.989)	1694069	160.000	159.035
164 3 3'-Dichlorobenzidine	252	11.139	11.139	(0.995)	1166028	160.000	151.901
165 Benzo(a)anthracene	228	11.180	11.180	(0.999)	3155456	160.000	152.887
167 Chrysene	228	11.215	11.215	(1.002)	2913841	160.000	145.771
168 Di-n-octyl phthalate	149	11.609	11.609	(1.037)	2930068	160.000	164.137
171 Benzo(b)fluoranthene	252	12.114	12.114	(0.970)	3347744	160.000	152.016
172 Benzo(k)fluoranthene	252	12.137	12.137	(0.972)	3649912	160.000	151.636(H)
178 Benzo(a)pyrene	252	12.437	12.437	(0.996)	3202164	160.000	155.513
185 Dibenz(a,h)anthracene	278	13.759	13.759	(1.102)	2986555	160.000	157.388
186 Indeno(1,2,3-cd)pyrene	276	13.771	13.771	(1.230)	3750366	160.000	162.380
188 Benzo(g,h,i)perylene	276	14.159	14.159	(1.134)	3236202	160.000	159.127

QC Flag Legend

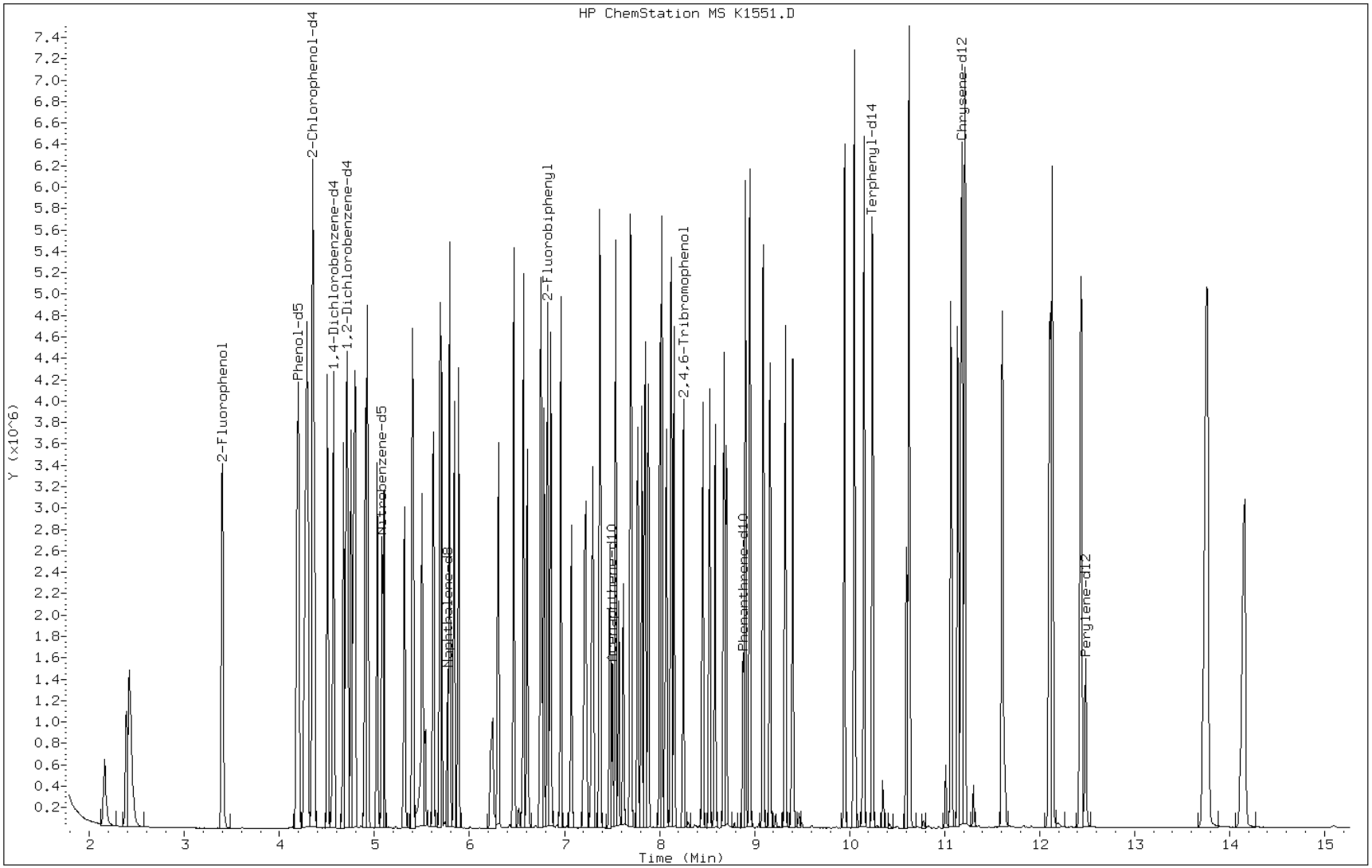
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: K1551.D

Date: 05-AUG-2011 13:24

Client ID: MS-HSL160_00011 Instrument: K.i

Sample Info: STD160-840622,,MS-HSL160_00011 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1552.D
Lab Smp Id: STD200-840623 Client Smp ID: MS-HSL200_00011
Inj Date : 05-AUG-2011 13:45
Operator : KIEKELD Inst ID: K.i
Smp Info : STD200-840623,,MS-HSL200_00011
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 13:24 Cal File: K1551.D
Als bottle: 17 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.558	4.558	(1.000)	168524	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	666681	40.0000	
* 96 Acenaphthene-d10	164	7.508	7.508	(1.000)	377000	40.0000	
* 135 Phenanthrene-d10	188	8.882	8.882	(1.000)	658977	40.0000	
* 166 Chrysene-d12	240	11.192	11.192	(1.000)	722397	40.0000	
* 179 Perylene-d12	264	12.490	12.490	(1.000)	761572	40.0000	
$ 22 2-Chlorophenol-d4	132	4.358	4.358	(0.956)	1426794	300.000	258.214
$ 29 1,2-Dichlorobenzene-d4	152	4.705	4.705	(1.032)	756737	200.000	184.112
$ 8 2-Fluorophenol	112	3.401	3.401	(0.746)	1606594	300.000	280.727
$ 15 Phenol-d5	99	4.200	4.200	(0.921)	1890567	300.000	274.663
$ 43 Nitrobenzene-d5	82	5.087	5.087	(0.882)	1169982	200.000	190.990
$ 81 2-Fluorobiphenyl	172	6.826	6.826	(0.909)	2183012	200.000	177.936
$ 118 2,4,6-Tribromophenol	330	8.254	8.254	(1.099)	636788	300.000	296.666
$ 154 Terphenyl-d14	244	10.246	10.246	(0.915)	2561603	200.000	184.801
4 1,4-Dioxane	88	2.161	2.161	(0.474)	500066	200.000	197.093
5 N-Nitrosodimethylamine	74	2.390	2.390	(0.524)	783579	200.000	199.186
6 Pyridine	79	2.419	2.419	(0.531)	1412753	200.000	199.436
16 Phenol	94	4.211	4.211	(0.924)	1290693	200.000	179.803
18 Aniline	93	4.276	4.276	(0.938)	1665270	200.000	187.101
19 Methyl Styrene	118	4.288	4.288	(0.941)	1032442	200.000	179.040
20 Bis(2-chloroethyl) ether	93	4.305	4.305	(0.945)	943062	200.000	182.047
21 Decane	43	4.346	4.346	(0.954)	935205	200.000	200.942(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.370	4.370	(0.959)	1060972	200.000	181.346
25	1,3-Dichlorobenzene	146	4.505	4.505	(0.988)	1266106	200.000	181.546
27	1,4-Dichlorobenzene	146	4.576	4.576	(1.004)	1266954	200.000	181.531
28	Benzyl alcohol	108	4.676	4.676	(1.026)	732425	200.000	190.245
30	1,2-Dichlorobenzene	146	4.717	4.717	(1.035)	1141856	200.000	176.536
32	2-Methylphenol	108	4.758	4.758	(1.044)	1001235	200.000	184.954
34	2,2'-oxybis(1-chloropropane)	45	4.781	4.781	(1.049)	1512727	200.000	179.839
35	1H-Indene	116	4.799	4.799	(1.053)	1558204	200.000	179.529
138	3-Methylphenol	108	4.911	4.911	(1.077)	1060367	200.000	186.667(Q)
36	4-Methylphenol	108	4.911	4.911	(1.077)	1060367	200.000	186.667(Q)
139	3 & 4-Methylphenol	108	4.911	4.911	(1.077)	1060367	200.000	186.667(Q)
37	N-nitrosodi-n-propylamine	70	4.928	4.928	(1.081)	665475	200.000	170.672
38	Acetophenone	105	4.934	4.934	(1.082)	1310902	200.000	173.211
41	Hexachloroethane	117	5.028	5.028	(1.103)	471010	200.000	183.902
44	Nitrobenzene	77	5.104	5.104	(0.885)	1086520	200.000	181.355
47	Isophorone	82	5.322	5.322	(0.923)	1928282	200.000	184.620
50	2,4-Dimethylphenol	107	5.410	5.410	(0.938)	959668	200.000	173.657
49	2-Nitrophenol	139	5.398	5.398	(0.936)	564849	200.000	188.304
53	Benzoic acid	122	5.551	5.551	(0.962)	734099	200.000	224.649(A)
52	Bis(2-chloroethoxy)methane	93	5.504	5.504	(0.954)	1151044	200.000	176.969
54	2,4-Dichlorophenol	162	5.621	5.621	(0.975)	953284	200.000	182.678
56	n-Dodecane	43	5.692	5.692	(0.758)	996651	200.000	170.908
57	1,2,4-Trichlorobenzene	180	5.710	5.710	(0.990)	1063251	200.000	173.532
59	Naphthalene	128	5.792	5.792	(1.004)	2768345	200.000	167.623
60	4-Chloroaniline	127	5.845	5.845	(1.013)	1258162	200.000	175.620
62	Hexachlorobutadiene	225	5.886	5.886	(1.020)	650553	200.000	181.361
67	Caprolactam	55	6.256	6.256	(1.085)	481972	200.000	183.062
68	4-Chloro-3-methylphenol	107	6.309	6.309	(1.094)	892728	200.000	180.833
71	2-Methylnaphthalene	142	6.468	6.468	(1.121)	1904272	200.000	170.297
72	1-Methylnaphthalene	142	6.573	6.573	(1.140)	1828661	200.000	170.811
74	Hexachlorocyclopentadiene	237	6.609	6.609	(0.880)	788304	200.000	196.362
78	2,4,6-Trichlorophenol	196	6.750	6.750	(0.899)	688426	200.000	178.266
79	2,3-Dichlorobenzeneamine	161	6.761	6.761	(0.901)	1028609	200.000	175.947
80	2,4,5-Trichlorophenol	196	6.791	6.791	(0.905)	812404	200.000	189.568
83	Tetradecane	43	6.855	6.855	(0.913)	1003603	200.000	173.528
86	2-Chloronaphthalene	162	6.961	6.961	(0.927)	1862441	200.000	173.090
88	2-Nitroaniline	65	7.079	7.079	(0.943)	611599	200.000	196.213
91	Dimethyl phthalate	163	7.231	7.231	(0.963)	2096105	200.000	180.589
93	2,6-Dinitrotoluene	165	7.308	7.308	(0.973)	506135	180.000	188.460
94	Acenaphthylene	152	7.378	7.378	(0.983)	2708462	200.000	168.264
95	3-Nitroaniline	138	7.484	7.484	(0.997)	582795	200.000	197.152
97	Acenaphthene	153	7.543	7.543	(1.005)	1748214	200.000	168.321
98	2,4-Dinitrophenol	184	7.578	7.578	(1.009)	374677	200.000	228.984(A)
99	4-Nitrophenol	109	7.631	7.631	(1.016)	336382	200.000	203.285(A)
101	2,4-Dinitrotoluene	165	7.696	7.696	(1.025)	598043	200.000	185.970
102	Dibenzofuran	168	7.701	7.701	(1.026)	2380001	200.000	165.952
105	Hexadecane	57	7.848	7.848	(1.045)	1208214	200.000	171.841
107	Diethyl phthalate	149	7.889	7.889	(1.051)	1947316	200.000	176.579
109	4-Chlorophenyl phenyl ether	204	8.007	8.007	(1.067)	1113256	200.000	178.291
110	Fluorene	166	8.025	8.025	(1.069)	2096694	200.000	173.938
112	4-Nitroaniline	138	8.077	8.077	(1.076)	557873	200.000	194.337
113	4,6-Dinitro-2-methylphenol	198	8.083	8.083	(0.910)	464332	200.000	205.018(A)
115	N-nitrosodiphenylamine	169	8.124	8.124	(0.915)	1875489	200.000	173.994
116	Azobenzene	77	8.154	8.154	(1.086)	1985777	200.000	172.290

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
234 1,2-DPH(as Azobenzene)	77	8.154	8.154	(1.086)	1985777	202.195	174.180
242 2,4,6 - Tribromophenol	330	8.254	8.254	(1.099)	636788	300.000	296.666(A)
124 4-Bromophenyl phenyl ether	248	8.459	8.459	(0.952)	739913	200.000	182.541
125 Hexachlorobenzene	284	8.530	8.530	(0.960)	803953	200.000	182.877
127 Atrazine	200	8.589	8.589	(0.967)	593029	200.000	175.968
128 n-Octadecane	85	8.683	8.683	(0.978)	460720	200.000	170.253
129 Pentachlorophenol	266	8.706	8.706	(0.980)	593854	200.000	197.085
136 Phenanthrene	178	8.906	8.906	(1.003)	3027797	200.000	171.603
137 Anthracene	178	8.953	8.953	(1.008)	3082559	200.000	171.557
140 Carbazole	167	9.094	9.094	(1.024)	2901394	200.000	175.565
141 Alachlor	188	9.164	9.164	(1.032)	430462	200.000	186.044
143 Di-n-butyl phthalate	149	9.329	9.329	(1.050)	3183447	200.000	176.810
144 n-Eicosane	43	9.405	9.405	(1.253)	876946	200.000	171.298
149 Fluoranthene	202	9.952	9.952	(1.120)	3564100	200.000	174.564
150 n-docosane	43	10.052	10.052	(1.339)	736408	200.000	160.317
151 Benzidine	184	10.058	10.058	(0.899)	1751105	200.000	179.757
152 Pyrene	202	10.157	10.157	(0.908)	3639470	200.000	180.296
158 Famphur	218	10.604	10.604	(0.948)	883760	200.000	139.921
159 Butyl benzyl phthalate	149	10.627	10.627	(0.950)	1284435	200.000	174.489
162 Bis(2-ethylhexyl) phthalate	149	11.068	11.068	(0.989)	2013354	200.000	195.639
164 3 3'-Dichlorobenzidine	252	11.145	11.145	(0.996)	1367547	200.000	184.402
165 Benzo(a)anthracene	228	11.180	11.180	(0.999)	3774694	200.000	189.305
167 Chrysene	228	11.221	11.221	(1.003)	3463835	200.000	179.363
168 Di-n-octyl phthalate	149	11.609	11.609	(1.037)	3497381	200.000	202.788(A)
171 Benzo(b)fluoranthene	252	12.114	12.114	(0.970)	4351501	200.000	199.210
172 Benzo(k)fluoranthene	252	12.114	12.114	(0.970)	4351501	200.000	182.261
178 Benzo(a)pyrene	252	12.443	12.443	(0.996)	3828154	200.000	187.434
185 Dibenz(a,h)anthracene	278	13.765	13.765	(1.102)	3582141	200.000	190.319
186 Indeno(1,2,3-cd)pyrene	276	13.777	13.777	(1.231)	4478490	200.000	200.707(A)
188 Benzo(g,h,i)perylene	276	14.165	14.165	(1.134)	3913529	200.000	194.005

QC Flag Legend

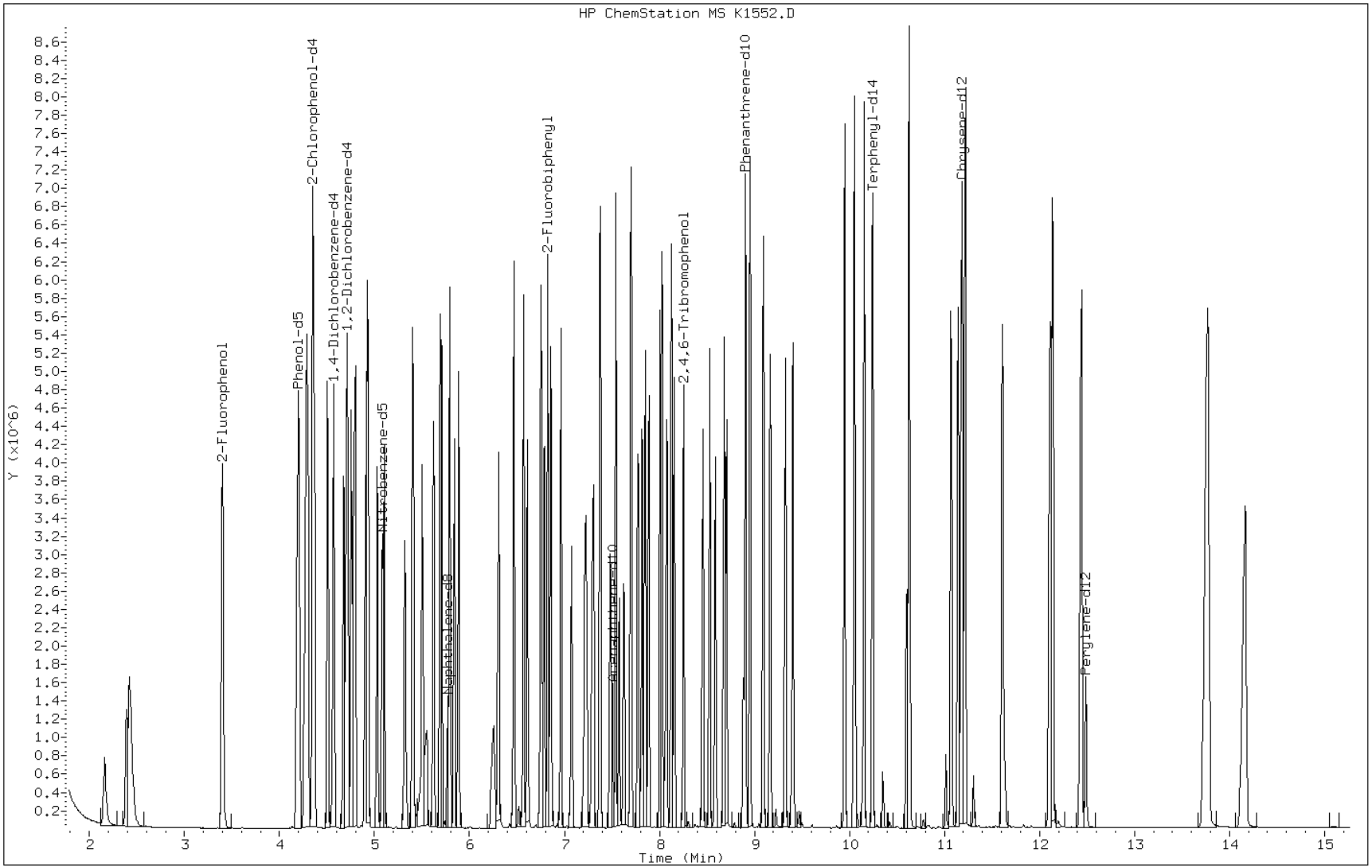
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: K1552.D

Date: 05-AUG-2011 13:45

Client ID: MS-HSL200_00011 Instrument: K.i

Sample Info: STD200-840623,,MS-HSL200_00011 Operator: KIEKELD



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD010 280-80428/3	K1557.D
Level 2	STD020 280-80428/4	K1558.D
Level 3	STD050 280-80428/5	K1559.D
Level 4	ICIS 280-80428/2	K1556.D
Level 5	STD120 280-80428/6	K1560.D
Level 6	STD160 280-80428/7	K1561.D
Level 7	STD200 280-80428/8	K1562.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Picoline	1.5275 1.3942	1.5298 1.3673	1.4822	1.4026	1.4096	Ave		1.4447				4.6		15.0			
N-Nitrosomethylethylamine	0.6585 0.6648	0.7090 0.6561	0.6773	0.6439	0.6545	Ave		0.6663				3.2		15.0			
Methyl methanesulfonate	0.3080 0.3406	0.3239 0.3568	0.3279	0.3116	0.3313	Ave		0.3286				5.1		15.0			
N-Nitrosodiethylamine	0.6998 0.6470	0.7156 0.6444	0.6906	0.6527	0.6464	Ave		0.6709				4.5		15.0			
Ethyl methanesulfonate	1.0681 0.9983	1.1250 0.9976	1.0718	1.0194	1.0065	Ave		1.0410				4.7		15.0			
Pentachloroethane	0.5522 0.4928	0.5650 0.4726	0.5376	0.5011	0.5027	Ave		0.5177				6.6		15.0			
N-Nitrosopyrrolidine	0.7419 0.6168	0.7642 0.6101	0.7024	0.6578	0.6292	Ave		0.6746				9.2		15.0			
N-Nitrosomorpholine	0.2719 0.2156	0.2889 0.2106	0.2604	0.2511	0.2282	Ave		0.2467				12.0		15.0			
2-Toluidine	2.2861 1.8550	2.3556 1.7847	2.1694	2.0157	1.9258	Ave		2.0560				10.7		15.0			
N-Nitrosopiperidine	0.1800 0.1692	0.1832 0.1667	0.1798	0.1717	0.1723	Ave		0.1747				3.6		15.0			
o,o',o''-Triethylphosphorothioate	0.1917 0.1798	0.1928 0.1742	0.1953	0.1841	0.1843	Ave		0.1860				4.1		15.0			
alpha,alpha-Dimethyl phenethylamine	0.9016 0.8850	0.9072 0.8973	0.9191	0.8999	0.9115	Ave		0.9031				1.2		15.0			
2,6-Dichlorophenol	0.3124 0.2841	0.3177 0.2743	0.3094	0.2952	0.2954	Ave		0.2984				5.3		15.0			
Hexachloropropene	0.2538 0.2506	0.2628 0.2412	0.2647	0.2526	0.2595	Ave		0.2550				3.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-butylamine	0.2316 0.2096	0.2304 0.2062	0.2328	0.2196	0.2187	Ave		0.2213				4.9		15.0			
p-Phenylene diamine	0.3692 0.3319	0.3939 0.3213	0.3805	0.3588	0.3476	Ave		0.3576				7.3		15.0			
Safrole, Total	0.2952 0.2620	0.3043 0.2531	0.2900	0.2760	0.2728	Ave		0.2791				6.6		15.0			
1,2,4,5-Tetrachlorobenzene	0.4081 0.3545	0.4094 0.3440	0.3980	0.3721	0.3708	Ave		0.3795				6.9		15.0			
1,1'-Biphenyl	1.5427 1.2742	1.5349 1.2268	1.4425	1.3500	1.3278	Ave		1.3856				9.0		15.0			
1,4-Naphthoquinone	0.2358 0.1803	0.2518 +++++	0.2472	0.2231	0.2040	Ave		0.2237				12.3		15.0			
1,4-Dinitrobenzene	0.1291 0.1788	0.1490 0.1805	0.1673	0.1651	0.1792	Ave		0.1642				11.6		15.0			
1,3-Dinitrobenzene	0.1735 0.2009	0.1884 0.2037	0.1994	0.1948	0.2029	Ave		0.1948				5.5		15.0			
Pentachlorobenzene	0.6071 0.5459	0.6190 0.5389	0.5941	0.5683	0.5708	Ave		0.5777				5.2		15.0			
1-Naphthylamine	1.2328 0.9866	1.2181 0.9539	1.1636	1.0977	1.0445	Ave		1.0996				10.0		15.0			
2,3,4,6-Tetrachlorophenol	0.3512 0.3614	0.3785 0.3601	0.3700	0.3683	0.3635	Ave		0.3647				2.4		15.0			
2-Naphthylamine	1.2523 1.0388	1.2234 1.0130	1.1800	1.1180	1.0866	Ave		1.1303				8.1		15.0			
Thionazin	0.2737 0.2485	0.2737 0.2423	0.2681	0.2601	0.2550	Ave		0.2602				4.7		15.0			
N-Nitro-o-toluidine	0.3302 0.3617	0.3582 0.3637	0.3764	0.3649	0.3660	Ave		0.3601				4.0		15.0			
Diphenylamine	1.2479 1.0289	1.2259 1.0167	1.1702	1.1137	1.0822	Ave		1.1265				8.1		15.0			
Sulfotepp	0.1133 0.0986	0.1165 0.0934	0.1116	0.1042	0.1030	Ave		0.1058				7.9		15.0			
Diallate Peak 1	0.3328 0.2964	0.3308 0.2801	0.3206	0.3010	0.3039	Ave		0.3094				6.3					
1,3,5-Trinitrobenzene	0.0450 0.0749	0.0592 0.0737	0.0675	0.0666	0.0736	Lin2	0.1010	0.0745							0.9988		0.9900
Phorate	0.1348 0.1096	0.1348 0.1020	0.1274	0.1195	0.1157	Ave		0.1205				10.4		15.0			
Phenacetin	0.3426 0.3257	0.3389 0.3143	0.3347	0.3210	0.3266	Ave		0.3291				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Diallate Peak 2	0.1692 0.1792	0.1854 0.1753	0.1734	0.1715	0.1782	Ave		0.1760				3.1					
Dimethoate	0.2520 0.1440	0.2525 +++++	0.2186	0.1865	0.1651	Qua	0.1200	1.8155	8.4134						0.9990		0.9900
4-Aminobiphenyl	0.9009 0.7115	0.8951 0.6644	0.8414	0.7861	0.7520	Ave		0.7931				11.4		15.0			
Pentachloronitrobenzene	0.0908 0.0854	0.0954 0.0820	0.0933	0.0896	0.0885	Ave		0.0893				5.1		15.0			
Pronamide	0.3241 0.2873	0.3294 0.2740	0.3116	0.2948	0.2929	Ave		0.3020				6.7		15.0			
Disulfoton	0.3397 0.2803	0.3425 0.2654	0.3274	0.3037	0.2962	Ave		0.3079				9.7		15.0			
Methyl parathion	+++++ 0.1350	0.2006 0.1175	0.1864	0.1666	0.1528	Qua	0.3806	0.6117	11.829						0.9931		0.9900
Ethyl Parathion	+++++ 0.1284	0.1277 0.1225	0.1343	0.1302	0.1308	Ave		0.1290				3.0		15.0			
4-Nitroquinoline-1-oxide	+++++ 0.1027	0.1026 0.0945	0.1198	0.1172	0.1133	Ave		0.1083				9.1		15.0			
Methapyrilene	0.2700 0.1519	0.2550 0.1507	0.2108	0.1814	0.1587	Qua	-0.227	5.6442	1.8641						0.9966		0.9900
Isodrin	0.1268 0.1167	0.1295 0.1111	0.1275	0.1209	0.1207	Ave		0.1219				5.4		15.0			
Aramite Peak 1	+++++ 0.0807	0.0831 0.0789	0.0868	0.0848	0.0836	Ave		0.0830				3.4					
Aramite Peak 2	+++++ 0.1356	0.1478 0.1266	0.1484	0.1408	0.1421	Ave		0.1402				5.8					
p-Dimethylamino azobenzene	+++++ 0.2232	0.2744 0.2045	0.2585	0.2440	0.2340	Ave		0.2398				10.4		15.0			
Ethyl 4,4'-Dichlorobenzilate	0.3039 0.2977	0.3135 0.2860	0.3177	0.3040	0.3059	Ave		0.3041				3.4		15.0			
3,3'-Dimethylbenzidine	+++++ 0.5621	0.7089 0.5068	0.6655	0.6204	0.5945	Ave		0.6097				11.9		15.0			
2-Acetylaminofluorene	+++++ 0.4130	0.4037 0.3968	0.4270	0.4182	0.4186	Ave		0.4129				2.7		15.0			
7,12-Dimethylbenz(a)anthracene	+++++ 0.5265	0.5658 0.5060	0.5618	0.5352	0.5394	Ave		0.5391				4.1		15.0			
3-Methylcholanthrene	+++++ 0.5928	0.5953 0.5724	0.6113	0.5898	0.5984	Ave		0.5933				2.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD010 280-80428/3	K1557.D
Level 2	STD020 280-80428/4	K1558.D
Level 3	STD050 280-80428/5	K1559.D
Level 4	ICIS 280-80428/2	K1556.D
Level 5	STD120 280-80428/6	K1560.D
Level 6	STD160 280-80428/7	K1561.D
Level 7	STD200 280-80428/8	K1562.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Picoline	DCB	Ave	61270 935415	126235 1122843	306399	453912	709714	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosomethylethylamine	DCB	Ave	26414 446034	58505 538834	140009	208361	329509	10.0 160	20.0 200	50.0	80.0	120
Methyl methanesulfonate	DCB	Ave	12354 228529	26732 293026	67779	100847	166806	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosodiethylamine	DCB	Ave	28070 434095	59047 529176	142765	211227	325437	10.0 160	20.0 200	50.0	80.0	120
Ethyl methanesulfonate	DCB	Ave	42842 669802	92838 819220	221560	329896	506737	10.0 160	20.0 200	50.0	80.0	120
Pentachloroethane	DCB	Ave	22150 330641	46626 388089	111127	162172	253090	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosopyrrolidine	DCB	Ave	29759 413800	63062 501014	145194	212865	316779	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosomorpholine	DCB	Ave	10907 144657	23838 172976	53835	81266	114895	10.0 160	20.0 200	50.0	80.0	120
2-Toluidine	DCB	Ave	91697 1244530	194379 1465616	448464	652301	969600	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosopiperidine	NPT	Ave	27674 424564	58698 519664	140671	210925	319284	10.0 160	20.0 200	50.0	80.0	120
o,o',o''-Triethylphosphorothioate	NPT	Ave	29477 451230	61776 543185	152802	226203	341570	10.0 160	20.0 200	50.0	80.0	120
alpha,alpha-Dimethyl phenethylamine	NPT	Ave	138611 2220451	290708 2797863	719077	1105676	1689207	10.0 160	20.0 200	50.0	80.0	120
2,6-Dichlorophenol	NPT	Ave	48032 712770	101808 855320	242088	362747	547455	10.0 160	20.0 200	50.0	80.0	120
Hexachloropropene	NPT	Ave	39021 628772	84204 752081	207065	310326	480884	10.0 160	20.0 200	50.0	80.0	120
N-Nitrosodi-n-butylamine	NPT	Ave	35605 525925	73842 642816	182142	269791	405330	10.0 160	20.0 200	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
p-Phenylene diamine	NPT	Ave	56768 832636	126224 1001748	297681	440873	644289	10.0 160	20.0 200	50.0	80.0	120
Safrole, Total	NPT	Ave	45385 657370	97523 789269	226907	339100	505534	10.0 160	20.0 200	50.0	80.0	120
1,2,4,5-Tetrachlorobenzene	NPT	Ave	62740 889358	131175 1072772	311353	457201	687155	10.0 160	20.0 200	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	135743 1802711	280723 2185335	650123	954733	1407003	10.0 160	20.0 200	50.0	80.0	120
1,4-Naphthoquinone	ANT	Ave	20749 255091	46046 +++++	111402	157800	216135	10.0 160	20.0 +++++	50.0	80.0	120
1,4-Dinitrobenzene	ANT	Ave	11363 252979	27250 321603	75380	116762	189917	10.0 160	20.0 200	50.0	80.0	120
1,3-Dinitrobenzene	ANT	Ave	15265 284250	34456 362903	89848	137736	215033	10.0 160	20.0 200	50.0	80.0	120
Pentachlorobenzene	ANT	Ave	53416 772380	113208 959975	267767	401930	604872	10.0 160	20.0 200	50.0	80.0	120
1-Naphthylamine	ANT	Ave	108471 1395794	222783 1699084	524411	776288	1106767	10.0 160	20.0 200	50.0	80.0	120
2,3,4,6-Tetrachlorophenol	ANT	Ave	30903 511350	69217 641414	166743	260495	385185	10.0 160	20.0 200	50.0	80.0	120
2-Naphthylamine	ANT	Ave	110188 1469654	223741 1804362	531811	790666	1151395	10.0 160	20.0 200	50.0	80.0	120
Thionazin	ANT	Ave	24086 351634	50066 431625	120811	183958	270233	10.0 160	20.0 200	50.0	80.0	120
N-Nitro-o-toluidine	ANT	Ave	29057 511685	65512 647783	169644	258042	387795	10.0 160	20.0 200	50.0	80.0	120
Diphenylamine	ANT	Ave	109800 1455699	224203 1811085	527381	787609	1146767	10.0 160	20.0 200	50.0	80.0	120
Sulfotepp	PHN	Ave	17007 233109	36260 286880	86084	127584	184724	10.0 160	20.0 200	50.0	80.0	120
Diallate Peak 1	PHN	Ave	35977 504684	74099 619322	178124	266264	392371	7.20 115	14.4 144	36.0	57.8	86.4
1,3,5-Trinitrobenzene	PHN	Lin2	6754 177222	18405 226302	52079	81588	132022	10.0 160	20.0 200	50.0	80.0	120
Phorate	PHN	Ave	20238 259142	41947 313233	98264	146316	207581	10.0 160	20.0 200	50.0	80.0	120
Phenacetin	PHN	Ave	51441 770086	105438 965258	258247	393019	585734	10.0 160	20.0 200	50.0	80.0	120
Diallate Peak 2	PHN	Ave	7114 118627	16153 150776	37463	59301	89478	2.80 44.8	5.60 56.0	14.0	22.6	33.6
Dimethoate	PHN	Qua	37833 340381	78571 +++++	168675	228334	296030	10.0 160	20.0 +++++	50.0	80.0	120

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 80428

SDG No.:

Instrument ID: MSS_K GC Column: Vf-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/05/2011 15:11 Calibration End Date: 08/05/2011 17:20 Calibration ID: 6745

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Aminobiphenyl	PHN	Ave	135274 1682505	278496 2040603	649197	962441	1348699	10.0 160	20.0 200	50.0	80.0	120
Pentachloronitrobenzene	PHN	Ave	13640 201823	29680 251918	71950	109709	158727	10.0 160	20.0 200	50.0	80.0	120
Pronamide	PHN	Ave	48665 679383	102487 841407	240389	360882	525373	10.0 160	20.0 200	50.0	80.0	120
Disulfoton	PHN	Ave	51011 662699	106568 814978	252588	371763	531227	10.0 160	20.0 200	50.0	80.0	120
Methyl parathion	PHN	Qua	+++++ 319123	62413 360835	143854	203917	274016	+++++ 160	20.0 200	50.0	80.0	120
Ethyl Parathion	PHN	Ave	+++++ 303677	39717 376343	103631	159348	234584	+++++ 160	20.0 200	50.0	80.0	120
4-Nitroquinoline-1-oxide	PHN	Ave	+++++ 242857	31910 290151	92408	143469	203225	+++++ 160	20.0 200	50.0	80.0	120
Methapyrilene	PHN	Qua	40535 359245	79324 462901	162607	222115	284574	10.0 160	20.0 200	50.0	80.0	120
Isodrin	PHN	Ave	19044 275869	40303 341277	98357	147972	216438	10.0 160	20.0 200	50.0	80.0	120
Aramite Peak 1	CRY	Ave	+++++ 104247	13588 131829	35107	54597	81721	+++++ 73.6	9.20 91.0	23.0	36.0	55.2
Aramite Peak 2	CRY	Ave	+++++ 205648	28367 253541	70429	108814	163116	+++++ 86.4	10.8 109	27.0	43.2	64.8
p-Dimethylamino azobenzene	CRY	Ave	+++++ 626763	97541 751410	227271	349190	497379	+++++ 160	20.0 200	50.0	80.0	120
Ethyl 4,4'-Dichlorobenzilate	CRY	Ave	52310 836115	111447 1050695	279343	435009	650221	10.0 160	20.0 200	50.0	80.0	120
3,3'-Dimethylbenzidine	CRY	Ave	+++++ 1578763	252020 1861808	585069	887667	1263670	+++++ 160	20.0 200	50.0	80.0	120
2-Acetylaminofluorene	CRY	Ave	+++++ 1160013	143507 1457654	375380	598309	889872	+++++ 160	20.0 200	50.0	80.0	120
7,12-Dimethylbenz(a)anthracene	PRY	Ave	+++++ 1417622	190903 1774450	474874	735666	1093808	+++++ 160	20.0 200	50.0	80.0	120
3-Methylcholanthrene	PRY	Ave	+++++ 1596402	200835 2007502	516732	810743	1213481	+++++ 160	20.0 200	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua = Quadratic ISTD

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1556.D
Lab Smp Id: ICIS-909136 Client Smp ID: MS-AP9-080_00014
Inj Date : 05-AUG-2011 15:11
Operator : KIEKELD Inst ID: K.i
Smp Info : ICIS-909136,,MS-AP9-080_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 17:20 Cal File: K1562.D
Als bottle: 21 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	161808	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	614358	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	353607	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	612146	40.0000	
* 166 Chrysene-d12	240	11.180	11.180	(1.000)	715421	40.0000	
* 179 Perylene-d12	264	12.478	12.478	(1.000)	687315	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	453912	80.0000	77.6677
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	208361	80.0000	77.3055
11 Methyl methanesulfonate	80	3.277	3.277	(0.720)	100847	80.0000	75.8677
12 N-Nitrosodiethylamine	102	3.606	3.606	(0.792)	211227	80.0000	77.8282
13 Ethyl methanesulfonate	79	3.853	3.853	(0.846)	329896	80.0000	78.3438
24 Pentachloroethane	117	4.299	4.299	(0.945)	162172	80.0000	77.4361
39 N-Nitrosopyrrolidine	100	4.916	4.916	(1.080)	212865	80.0000	78.0027
40 N-Nitrosomorpholine	116	4.946	4.946	(1.086)	81266	80.0000	81.4383
42 o-Toluidine	106	4.957	4.957	(1.089)	652301	80.0000	78.4296
46 N-Nitrosopiperidine	114	5.239	5.239	(0.909)	210925	80.0000	78.6153
51 O,O,O-Triethyl phosphorothio	198	5.451	5.451	(0.946)	226203	80.0000	79.1648
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	1105676	80.0000	79.7154(M)
61 2,6-Dichlorophenol	162	5.839	5.839	(1.013)	362747	80.0000	79.1570
63 Hexachloropropene	213	5.862	5.862	(1.017)	310326	80.0000	79.2307
64 N-Nitrosodi-n-butylamine	84	6.133	6.133	(1.064)	269791	80.0000	79.3858
66 p-Phenylenediamine	108	6.191	6.191	(1.074)	440873	80.0000	80.2694

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.362	6.362	(1.104)	339100	80.0000	79.1152
75	1,2,4,5-Tetrachlorobenzene	216	6.632	6.632	(1.151)	457201	80.0000	78.4305
76	Isosafrole (#1)	162	6.650	6.650	(0.886)	63901	14.0000	13.6819
84	Isosafrole (#2)	104	6.879	6.879	(0.917)	149233	66.0000	65.7705
85	Biphenyl	154	6.926	6.926	(0.923)	954733	80.0000	77.9461
87	1-Chloronaphthalene	162	6.985	6.985	(0.931)	776745	80.0000	76.5491
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	157800	80.0000	79.7983
90	1,4-Dinitrobenzene	168	7.196	7.196	(0.959)	116762	80.0000	80.4619
92	1,3-Dinitrobenzene	168	7.272	7.272	(0.969)	137736	80.0000	79.9847
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	401930	80.0000	78.6965
103	1-Naphthylamine	143	7.778	7.778	(1.037)	776288	80.0000	79.8614
104	2,3,4,6-Tetrachlorophenol	232	7.807	7.807	(1.041)	260495	80.0000	80.7951
106	2-Naphthylamine	143	7.854	7.854	(1.047)	790666	80.0000	79.1310
108	Thionazin	97	7.954	7.954	(1.060)	183958	80.0000	79.9685
111	5-Nitro-o-toluidine	152	8.036	8.036	(1.071)	258042	80.0000	81.0500
114	Diphenylamine	169	8.113	8.113	(1.081)	787609	80.0000	79.0899
117	Sulfotepp	97	8.213	8.213	(0.925)	127584	80.0000	78.7994
119	Diallate (#1)	86	8.348	8.348	(0.940)	266264	57.8000	56.2387
120	1,3,5-Trinitrobenzene	213	8.359	8.359	(0.942)	81588	80.0000	75.5667
121	Phorate	121	8.365	8.365	(0.942)	146316	80.0000	79.3144
122	Phenacetin	108	8.395	8.395	(0.946)	393019	80.0000	78.0324
123	Diallate (#2)	86	8.436	8.436	(0.950)	59301	22.6000	22.0133
126	Dimethoate	87	8.542	8.542	(0.962)	228334	80.0000	78.7100
130	4-Aminobiphenyl	169	8.694	8.694	(0.979)	962441	80.0000	79.2976
131	Pentachloronitrobenzene	237	8.706	8.706	(0.981)	109709	80.0000	80.2927
132	Pronamide	173	8.712	8.712	(0.981)	360882	80.0000	78.0815
133	Disulfoton	88	8.829	8.829	(0.995)	371763	80.0000	78.9038
134	2-secbutyl-4,6-dinitropheno	211	8.835	8.835	(0.995)	213603	80.0000	80.1422
142	Methyl parathion	109	9.176	9.176	(1.034)	203917	80.0000	75.8804
145	Parathion	109	9.499	9.499	(1.070)	159348	80.0000	80.7277
146	4-Nitroquinoline-1-oxide	190	9.593	9.593	(1.081)	143469	80.0000	86.5352
147	Methapyrilene	97	9.599	9.599	(1.081)	222115	80.0000	82.6578
148	Isodrin	193	9.805	9.805	(1.105)	147972	80.0000	79.3301
153	Aramite (#1)	185	10.175	10.175	(0.910)	54597	36.0000	36.7907
155	Aramite (#2)	185	10.240	10.240	(0.916)	108814	43.2000	43.3902
156	p-Dimethylaminoazobenzene	120	10.357	10.357	(0.926)	349190	80.0000	81.4264
157	Chlorobenzilate	251	10.375	10.375	(0.928)	435009	80.0000	79.9782
160	3,3'-Dimethylbenzidine	212	10.657	10.657	(0.953)	887667	80.0000	81.4017
161	2-Acetylaminofluorene	181	10.880	10.880	(0.973)	598309	80.0000	81.0225
M 173	Total Isosafrole	162				213134	80.0000	79.4524
M 174	Total Diallate	86				325565	80.0000	78.2521
M 175	Total Aramite	185				163411	80.0000	80.1808
176	7,12-Dimethylbenz(a)anthrac	256	12.079	12.079	(0.968)	735666	80.0000	79.4182
181	3-Methylcholanthrene	268	12.760	12.760	(1.023)	810743	80.0000	79.5223
184	Dibenz(a,j)acridine	279	13.465	13.465	(1.079)	1212219	80.0000	80.2261

QC Flag Legend

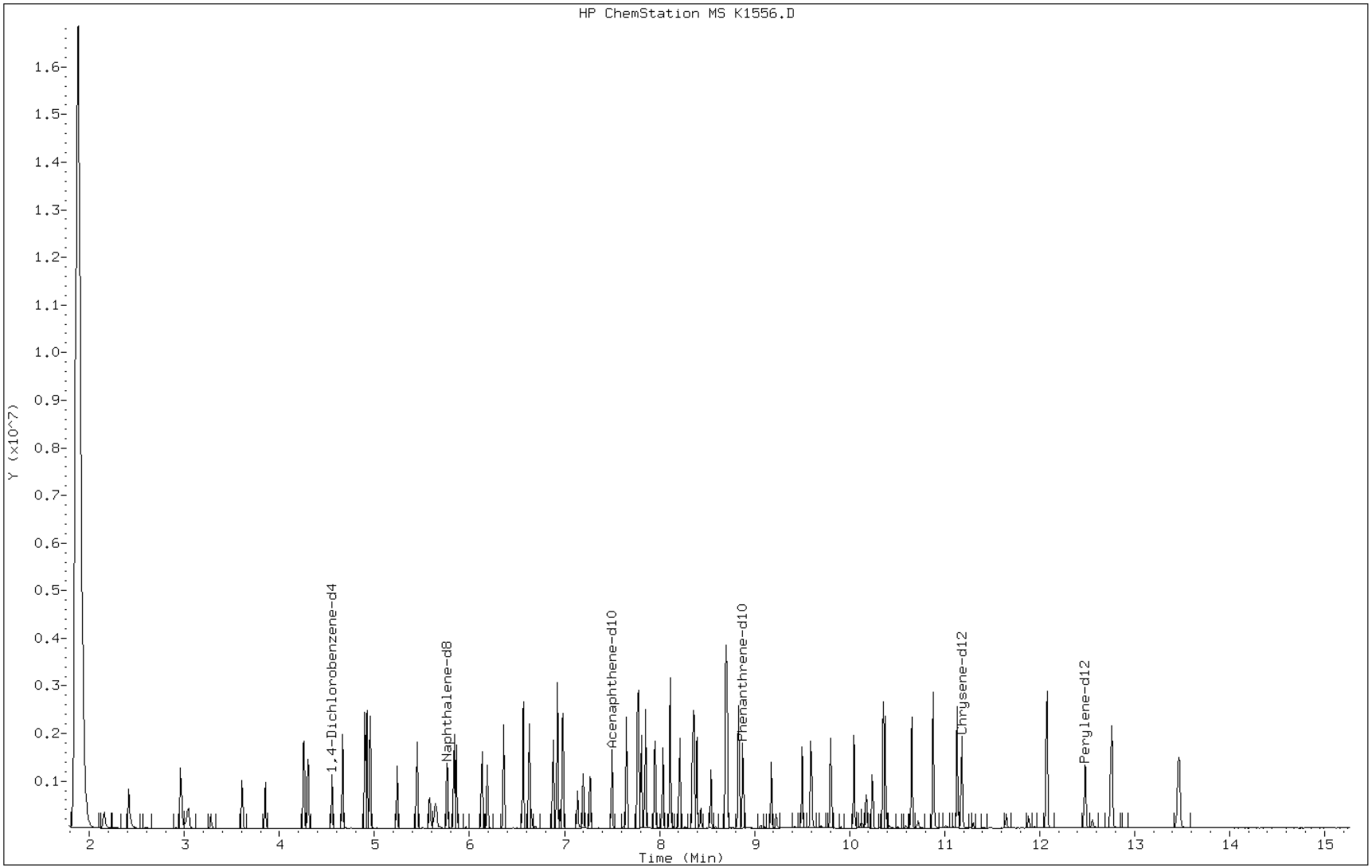
M - Compound response manually integrated.

Data File: K1556.D

Date: 05-AUG-2011 15:11

Client ID: MS-AP9-080_00014 Instrument: K.i

Sample Info: ICIS-909136,,MS-AP9-080_00014 Operator: KIEKELD



Manual Integration Report

Data File: K1556.D
Inj. Date and Time: 05-AUG-2011 15:11
Instrument ID: K.i
Client ID: MS-AP9-080_00014
Compound: 55 a,a-Dimethylphenethylamine
CAS #: 122-09-8
Report Date: 08/09/2011

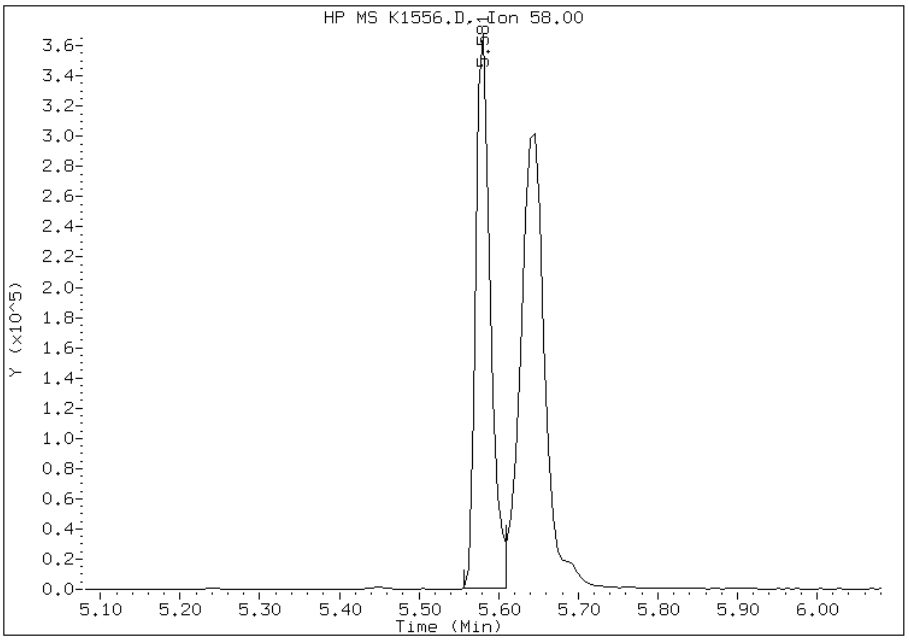
Processing Integration Results

RT: 5.58

Response: 469178

Amount: 0

Conc: 0



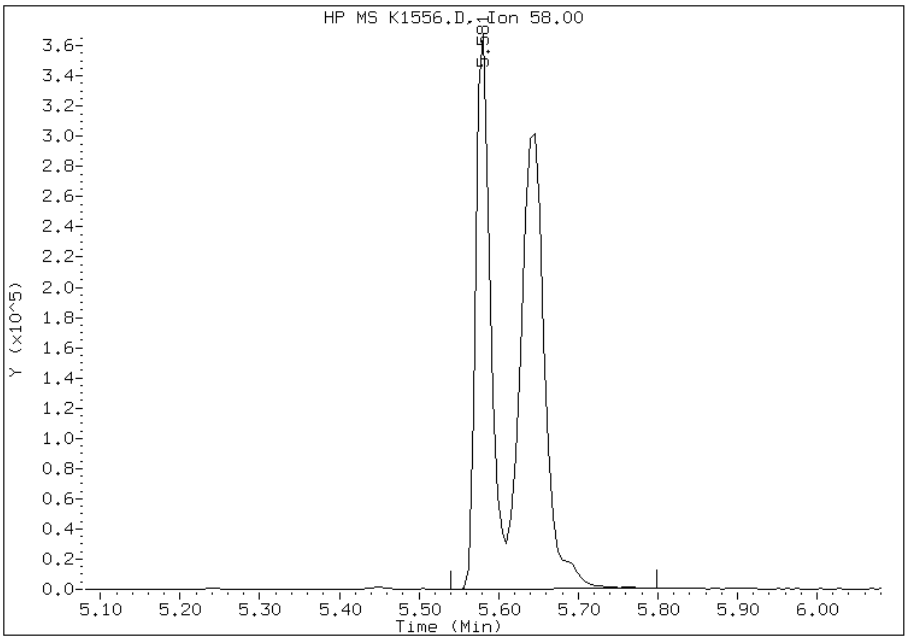
Manual Integration Results

RT: 5.58

Response: 1105676

Amount: 80

Conc: 80



Manually Integrated By: kiekeld
Modification Date: 09-Aug-2011 08:52
Manual Integration Reason: Split Peak

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1557.D
Lab Smp Id: STD010-909119 Client Smp ID: MS-AP9-010_00014
Inj Date : 05-AUG-2011 15:33
Operator : KIEKELD Inst ID: K.i
Smp Info : STD010-909119,,MS-AP9-010_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 15:11 Cal File: K1556.D
Als bottle: 22 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	160445	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	614967	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	351959	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	600592	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	688546	40.0000	
* 179 Perylene-d12	264	12.466	12.466	(1.000)	659413	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	61270	10.0000	10.5728
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	26414	10.0000	9.88330(a)
11 Methyl methanesulfonate	80	3.277	3.277	(0.720)	12354	10.0000	9.37293(a)
12 N-Nitrosodiethylamine	102	3.606	3.606	(0.792)	28070	10.0000	10.4305
13 Ethyl methanesulfonate	79	3.847	3.847	(0.845)	42842	10.0000	10.2606
24 Pentachloroethane	117	4.299	4.299	(0.945)	22150	10.0000	10.6663
39 N-Nitrosopyrrolidine	100	4.904	4.904	(1.077)	29759	10.0000	10.9976
40 N-Nitrosomorpholine	116	4.940	4.940	(1.085)	10907	10.0000	11.0230
42 o-Toluidine	106	4.951	4.951	(1.088)	91697	10.0000	11.1189
46 N-Nitrosopiperidine	114	5.233	5.233	(0.908)	27674	10.0000	10.3044
51 O,O,O-Triethyl phosphorothio	198	5.445	5.445	(0.945)	29477	10.0000	10.3059
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	138611	10.0000	9.98348(aQ)
61 2,6-Dichlorophenol	162	5.839	5.839	(1.013)	48032	10.0000	10.4709
63 Hexachloropropene	213	5.862	5.862	(1.017)	39021	10.0000	9.95276(a)
64 N-Nitrosodi-n-butylamine	84	6.127	6.127	(1.063)	35605	10.0000	10.4664
66 p-Phenylenediamine	108	6.185	6.185	(1.073)	56768	10.0000	10.3255

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
	70 Safrole	162	6.356	6.356	(1.103)	45385	10.0000	10.5783
	75 1,2,4,5-Tetrachlorobenzene	216	6.626	6.626	(1.150)	62740	10.0000	10.7521
	76 Isosafrole (#1)	162	6.655	6.655	(0.887)	7602	1.75000	1.63530(a)
	84 Isosafrole (#2)	104	6.879	6.879	(0.917)	19068	8.25000	8.44306(a)
	85 Biphenyl	154	6.920	6.920	(0.922)	135743	10.0000	11.1342
	87 1-Chloronaphthalene	162	6.978	6.978	(0.930)	110773	10.0000	10.9679
	89 1,4-Naphthoquinone	158	7.137	7.137	(0.951)	20749	10.0000	10.5417
	90 1,4-Dinitrobenzene	168	7.196	7.196	(0.959)	11363	10.0000	7.86703(a)
	92 1,3-Dinitrobenzene	168	7.266	7.266	(0.969)	15265	10.0000	8.90605(a)
	100 Pentachlorobenzene	250	7.648	7.648	(1.020)	53416	10.0000	10.5076
	103 1-Naphthylamine	143	7.772	7.772	(1.036)	108471	10.0000	11.2113
	104 2,3,4,6-Tetrachlorophenol	232	7.807	7.807	(1.041)	30903	10.0000	9.62975(a)
	106 2-Naphthylamine	143	7.848	7.848	(1.046)	110188	10.0000	11.0794
	108 Thionazin	97	7.948	7.948	(1.060)	24086	10.0000	10.5195
	111 5-Nitro-o-toluidine	152	8.030	8.030	(1.070)	29057	10.0000	9.16942(a)
	114 Diphenylamine	169	8.107	8.107	(1.081)	109800	10.0000	11.0775
	117 Sulfotepp	97	8.206	8.206	(0.925)	17007	10.0000	10.7061
	119 Diallate (#1)	86	8.347	8.347	(0.940)	35977	7.20000	7.74504(a)
	120 1,3,5-Trinitrobenzene	213	8.353	8.353	(0.941)	6754	10.0000	10.0764
	121 Phorate	121	8.359	8.359	(0.942)	20238	10.0000	11.1816
	122 Phenacetin	108	8.377	8.377	(0.944)	51441	10.0000	10.4099
	123 Diallate (#2)	86	8.430	8.430	(0.950)	7114	2.80000	2.69162(a)
	126 Dimethoate	87	8.530	8.530	(0.961)	37833	10.0000	10.7095
	130 4-Aminobiphenyl	169	8.694	8.694	(0.979)	135274	10.0000	11.3599
	131 Pentachloronitrobenzene	237	8.700	8.700	(0.980)	13640	10.0000	10.1747
	132 Pronamide	173	8.706	8.706	(0.981)	48665	10.0000	10.7318
	133 Disulfoton	88	8.823	8.823	(0.994)	51011	10.0000	11.0350
	134 2-secbutyl-4,6-dinitropheno	211	8.829	8.829	(0.995)	17599	10.0000	6.73004(a)
	142 Methyl parathion	109	9.176	9.176	(1.034)	28419	10.0000	17.4396
	145 Parathion	109	9.499	9.499	(1.070)	17513	10.0000	9.04299(a)
	146 4-Nitroquinoline-1-oxide	190	9.587	9.587	(1.080)	12518	10.0000	7.69564(aQ)
	147 Methapyrilene	97	9.593	9.593	(1.081)	40535	10.0000	6.49919(a)
	148 Isodrin	193	9.799	9.799	(1.104)	19044	10.0000	10.4062
	153 Aramite (#1)	185	10.175	10.175	(0.911)	5988	4.60000	4.19256(a)
	155 Aramite (#2)	185	10.239	10.239	(0.916)	13198	5.40000	5.46819(a)
	156 p-Dimethylaminoazobenzene	120	10.351	10.351	(0.926)	45622	10.0000	11.0537
	157 Chlorobenzilate	251	10.375	10.375	(0.928)	52310	10.0000	9.99279(a)
	160 3,3'-Dimethylbenzidine	212	10.651	10.651	(0.953)	121503	10.0000	11.5771
	161 2-Acetylaminofluorene	181	10.868	10.868	(0.973)	62892	10.0000	8.84920(a)
M	173 Total Isosafrole	162				26670	10.0000	10.0784
M	174 Total Diallate	86				43091	10.0000	10.4366
M	175 Total Aramite	185				19186	10.0000	9.66075(a)
	176 7,12-Dimethylbenz(a)anthrac	256	12.055	12.055	(0.967)	88442	10.0000	9.95167(a)
	181 3-Methylcholanthrene	268	12.731	12.731	(1.021)	93172	10.0000	9.52554(a)
	184 Dibenz(a,j)acridine	279	13.442	13.442	(1.078)	136410	10.0000	9.40978(a)

QC Flag Legend

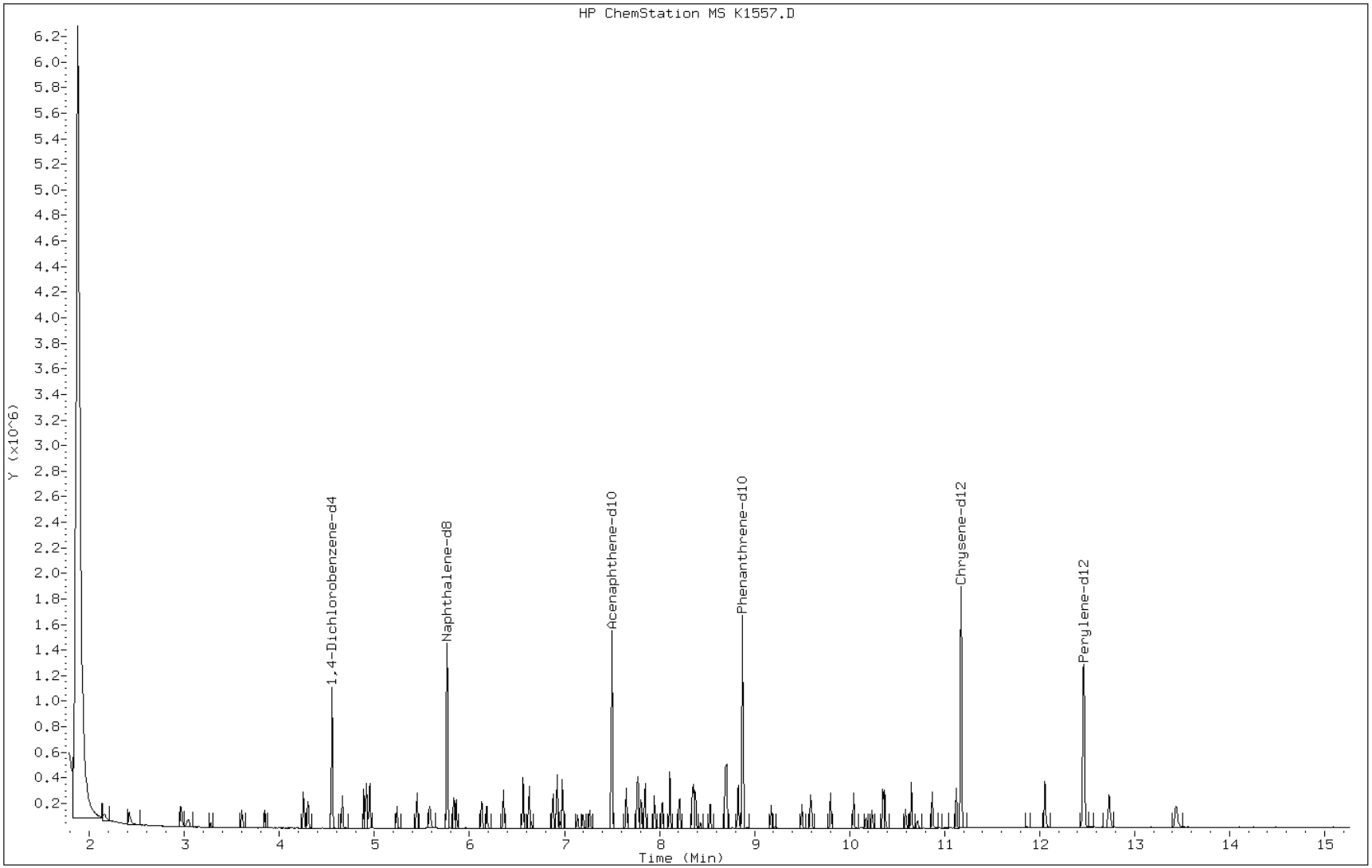
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1557.D

Date: 05-AUG-2011 15:33

Client ID: MS-AP9-010_00014 Instrument: K.i

Sample Info: STD010-909119,,MS-AP9-010_00014 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1558.D
Lab Smp Id: STD020-909134 Client Smp ID: MS-AP9-020_00014
Inj Date : 05-AUG-2011 15:54
Operator : KIEKELD Inst ID: K.i
Smp Info : STD020-909134,,MS-AP9-020_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 15:33 Cal File: K1557.D
Als bottle: 23 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	165039	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	640880	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	365783	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	622248	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	711012	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	674788	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	126235	20.0000	21.1769
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	58505	20.0000	21.2814
11 Methyl methanesulfonate	80	3.277	3.277	(0.720)	26732	20.0000	19.7169
12 N-Nitrosodiethylamine	102	3.606	3.606	(0.792)	59047	20.0000	21.3304
13 Ethyl methanesulfonate	79	3.847	3.847	(0.845)	92838	20.0000	21.6156
24 Pentachloroethane	117	4.299	4.299	(0.945)	46626	20.0000	21.8278
39 N-Nitrosopyrrolidine	100	4.910	4.910	(1.079)	63062	20.0000	22.6562
40 N-Nitrosomorpholine	116	4.940	4.940	(1.085)	23838	20.0000	23.4209
42 o-Toluidine	106	4.952	4.952	(1.088)	194379	20.0000	22.9137
46 N-Nitrosopiperidine	114	5.234	5.234	(0.908)	58698	20.0000	20.9724
51 O,O,O-Triethyl phosphorothio	198	5.445	5.445	(0.945)	61776	20.0000	20.7252
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	290708	20.0000	20.0917(Q)
61 2,6-Dichlorophenol	162	5.833	5.833	(1.012)	101808	20.0000	21.2967
63 Hexachloropropene	213	5.862	5.862	(1.017)	84204	20.0000	20.6088
64 N-Nitrosodi-n-butylamine	84	6.127	6.127	(1.063)	73842	20.0000	20.8288
66 p-Phenylenediamine	108	6.185	6.185	(1.073)	126224	20.0000	22.0304

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
70	Safrole	162	6.356	6.356	(1.103)	97523	20.0000	21.8114
75	1,2,4,5-Tetrachlorobenzene	216	6.626	6.626	(1.150)	131175	20.0000	21.5712
76	Isosafrole (#1)	162	6.650	6.650	(0.886)	17217	3.50000	3.56365(a)
84	Isosafrole (#2)	104	6.879	6.879	(0.917)	41592	16.5000	17.7204
85	Biphenyl	154	6.920	6.920	(0.922)	280723	20.0000	22.1558
87	1-Chloronaphthalene	162	6.979	6.979	(0.930)	230258	20.0000	21.9368
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	46046	20.0000	22.5100
90	1,4-Dinitrobenzene	168	7.196	7.196	(0.959)	27250	20.0000	18.1532
92	1,3-Dinitrobenzene	168	7.267	7.267	(0.969)	34456	20.0000	19.3429
100	Pentachlorobenzene	250	7.648	7.648	(1.020)	113208	20.0000	21.4279
103	1-Naphthylamine	143	7.772	7.772	(1.036)	222783	20.0000	22.1561
104	2,3,4,6-Tetrachlorophenol	232	7.801	7.801	(1.040)	69217	20.0000	20.7537
106	2-Naphthylamine	143	7.848	7.848	(1.046)	223741	20.0000	21.6469
108	Thionazin	97	7.948	7.948	(1.060)	50066	20.0000	21.0397
111	5-Nitro-o-toluidine	152	8.030	8.030	(1.070)	65512	20.0000	19.8921
114	Diphenylamine	169	8.107	8.107	(1.081)	224203	20.0000	21.7645
117	Sulfotepp	97	8.207	8.207	(0.925)	36260	20.0000	22.0316
119	Diallate (#1)	86	8.348	8.348	(0.940)	74099	14.4000	15.3967
120	1,3,5-Trinitrobenzene	213	8.354	8.354	(0.941)	18405	20.0000	19.9146
121	Phorate	121	8.359	8.359	(0.942)	41947	20.0000	22.3693
122	Phenacetin	108	8.383	8.383	(0.944)	105438	20.0000	20.5944
123	Diallate (#2)	86	8.430	8.430	(0.950)	16153	5.60000	5.89887(a)
126	Dimethoate	87	8.536	8.536	(0.962)	78571	20.0000	19.3349
130	4-Aminobiphenyl	169	8.694	8.694	(0.979)	278496	20.0000	22.5734
131	Pentachloronitrobenzene	237	8.700	8.700	(0.980)	29680	20.0000	21.3692
132	Pronamide	173	8.706	8.706	(0.981)	102487	20.0000	21.8144
133	Disulfoton	88	8.824	8.824	(0.994)	106568	20.0000	22.2510
134	2-secbutyl-4,6-dinitropheno	211	8.829	8.829	(0.995)	44584	20.0000	16.4560
142	Methyl parathion	109	9.176	9.176	(1.034)	62413	20.0000	22.4370
145	Parathion	109	9.499	9.499	(1.070)	39717	20.0000	19.7945
146	4-Nitroquinoline-1-oxide	190	9.587	9.587	(1.080)	31910	20.0000	18.9344
147	Methapyrilene	97	9.593	9.593	(1.081)	79324	20.0000	20.9146
148	Isodrin	193	9.799	9.799	(1.104)	40303	20.0000	21.2563
153	Aramite (#1)	185	10.175	10.175	(0.911)	13588	9.20000	9.21318(a)
155	Aramite (#2)	185	10.240	10.240	(0.916)	28367	10.8000	11.3816
156	p-Dimethylaminoazobenzene	120	10.351	10.351	(0.926)	97541	20.0000	22.8863
157	Chlorobenzilate	251	10.375	10.375	(0.928)	111447	20.0000	20.6170
160	3,3'-Dimethylbenzidine	212	10.651	10.651	(0.953)	252020	20.0000	23.2543
161	2-Acetylaminofluorene	181	10.868	10.868	(0.973)	143507	20.0000	19.5541
M 173	Total Isosafrole	162				58809	20.0000	21.2840
M 174	Total Diallate	86				90252	20.0000	21.2955
M 175	Total Aramite	185				41955	20.0000	20.5948
176	7,12-Dimethylbenz(a)anthrac	256	12.055	12.055	(0.967)	190903	20.0000	20.9914
181	3-Methylcholanthrene	268	12.731	12.731	(1.022)	200835	20.0000	20.0647
184	Dibenz(a,j)acridine	279	13.436	13.436	(1.078)	295008	20.0000	19.8864

QC Flag Legend

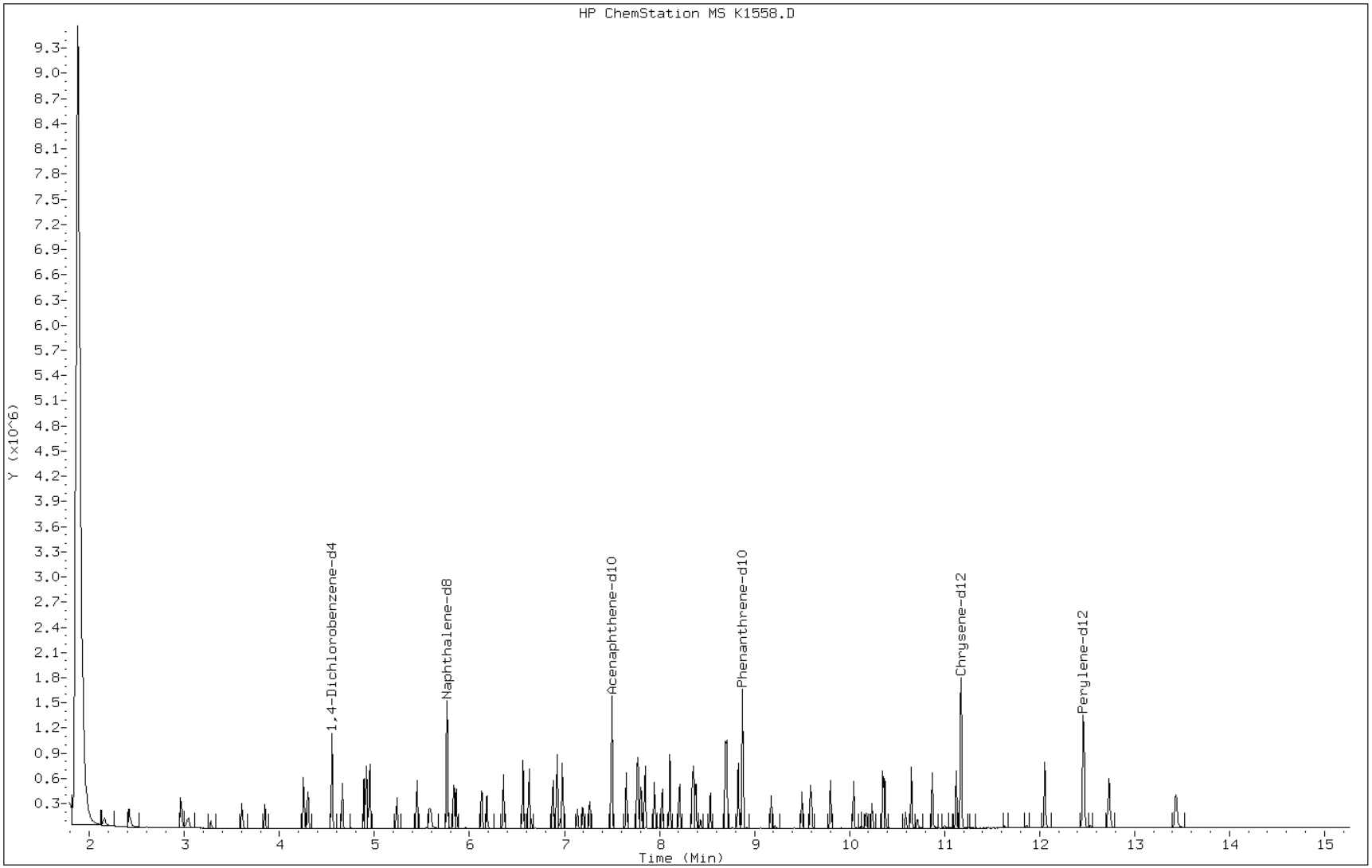
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: K1558.D

Date: 05-AUG-2011 15:54

Client ID: MS-AP9-020_00014 Instrument: K.i

Sample Info: STD020-909134,,MS-AP9-020_00014 Operator: KIEKELD



TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1559.D
Lab Smp Id: STD050-909135 Client Smp ID: MS-AP9-050_00014
Inj Date : 05-AUG-2011 16:16
Operator : KIEKELD Inst ID: K.i
Smp Info : STD050-909135,,MS-AP9-050_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 15:54 Cal File: K1558.D
Als bottle: 24 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	165376	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	625870	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	360550	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.876	(1.000)	617235	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	703329	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	676235	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	306399	50.0000	51.2960
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	140009	50.0000	50.8250
11 Methyl methanesulfonate	80	3.277	3.277	(0.720)	67779	50.0000	49.8904
12 N-Nitrosodiethylamine	102	3.606	3.606	(0.792)	142765	50.0000	51.4680
13 Ethyl methanesulfonate	79	3.847	3.847	(0.845)	221560	50.0000	51.4810
24 Pentachloroethane	117	4.299	4.299	(0.945)	111127	50.0000	51.9176
39 N-Nitrosopyrrolidine	100	4.916	4.916	(1.080)	145194	50.0000	52.0573
40 N-Nitrosomorpholine	116	4.946	4.946	(1.086)	53835	50.0000	52.7852
42 o-Toluidine	106	4.952	4.952	(1.088)	448464	50.0000	52.7579
46 N-Nitrosopiperidine	114	5.239	5.239	(0.909)	140671	50.0000	51.4661
51 O,O,O-Triethyl phosphorothio	198	5.445	5.445	(0.945)	152802	50.0000	52.4929
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	719077	50.0000	50.8894(M)
61 2,6-Dichlorophenol	162	5.839	5.839	(1.013)	242088	50.0000	51.8556
63 Hexachloropropene	213	5.862	5.862	(1.017)	207065	50.0000	51.8943
64 N-Nitrosodi-n-butylamine	84	6.133	6.133	(1.064)	182142	50.0000	52.6094
66 p-Phenylenediamine	108	6.185	6.185	(1.073)	297681	50.0000	53.2016

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.362	6.362	(1.104)	226907	50.0000	51.9658
75	1,2,4,5-Tetrachlorobenzene	216	6.626	6.626	(1.150)	311353	50.0000	52.4286
76	Isosafrole (#1)	162	6.650	6.650	(0.886)	43035	8.75000	9.03685(a)
84	Isosafrole (#2)	104	6.879	6.879	(0.917)	99869	41.2500	43.1670
85	Biphenyl	154	6.926	6.926	(0.923)	650123	50.0000	52.0551
87	1-Chloronaphthalene	162	6.979	6.979	(0.930)	544937	50.0000	52.6700
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	111402	50.0000	55.2503
90	1,4-Dinitrobenzene	168	7.196	7.196	(0.959)	75380	50.0000	50.9449
92	1,3-Dinitrobenzene	168	7.267	7.267	(0.969)	89848	50.0000	51.1709
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	267767	50.0000	51.4182
103	1-Naphthylamine	143	7.778	7.778	(1.037)	524411	50.0000	52.9104
104	2,3,4,6-Tetrachlorophenol	232	7.807	7.807	(1.041)	166743	50.0000	50.7211
106	2-Naphthylamine	143	7.848	7.848	(1.046)	531811	50.0000	52.1995
108	Thionazin	97	7.948	7.948	(1.060)	120811	50.0000	51.5065
111	5-Nitro-o-toluidine	152	8.036	8.036	(1.071)	169644	50.0000	52.2584
114	Diphenylamine	169	8.113	8.113	(1.081)	527381	50.0000	51.9386
117	Sulfotepp	97	8.212	8.212	(0.925)	86084	50.0000	52.7295
119	Diallate (#1)	86	8.348	8.348	(0.940)	178124	36.0000	37.3121
120	1,3,5-Trinitrobenzene	213	8.359	8.359	(0.942)	52079	50.0000	49.3208
121	Phorate	121	8.365	8.365	(0.942)	98264	50.0000	52.8274
122	Phenacetin	108	8.389	8.389	(0.945)	258247	50.0000	50.8512
123	Diallate (#2)	86	8.430	8.430	(0.950)	37463	14.0000	13.7921
126	Dimethoate	87	8.542	8.542	(0.962)	168675	50.0000	49.7767
130	4-Aminobiphenyl	169	8.694	8.694	(0.979)	649197	50.0000	53.0478
131	Pentachloronitrobenzene	237	8.706	8.706	(0.981)	71950	50.0000	52.2239
132	Pronamide	173	8.712	8.712	(0.981)	240389	50.0000	51.5824
133	Disulfoton	88	8.829	8.829	(0.995)	252588	50.0000	53.1679
134	2-secbutyl-4,6-dinitropheno	211	8.835	8.835	(0.995)	132112	50.0000	49.1587
142	Methyl parathion	109	9.176	9.176	(1.034)	143854	50.0000	46.6268
145	Parathion	109	9.499	9.499	(1.070)	103631	50.0000	52.0679
146	4-Nitroquinoline-1-oxide	190	9.593	9.593	(1.081)	92408	50.0000	55.2775
147	Methapyrilene	97	9.599	9.599	(1.081)	162607	50.0000	55.5740
148	Isodrin	193	9.799	9.799	(1.104)	98357	50.0000	52.2960
153	Aramite (#1)	185	10.175	10.175	(0.911)	35107	23.0000	24.0639
155	Aramite (#2)	185	10.240	10.240	(0.916)	70429	27.0000	28.5668
156	p-Dimethylaminoazobenzene	120	10.357	10.357	(0.927)	227271	50.0000	53.9077
157	Chlorobenzilate	251	10.375	10.375	(0.928)	279343	50.0000	52.2413
160	3,3'-Dimethylbenzidine	212	10.651	10.651	(0.953)	585069	50.0000	54.5750
161	2-Acetylaminofluorene	181	10.874	10.874	(0.973)	375380	50.0000	51.7076
M 173	Total Isosafrole	162				142904	50.0000	52.2039
M 174	Total Diallate	86				215587	50.0000	51.1042
M 175	Total Aramite	185				105536	50.0000	52.6307
176	7,12-Dimethylbenz(a)anthrac	256	12.061	12.061	(0.968)	474874	50.0000	52.1046
181	3-Methylcholanthrene	268	12.737	12.737	(1.022)	516732	50.0000	51.5145
184	Dibenz(a,j)acridine	279	13.442	13.442	(1.079)	762144	50.0000	51.2661

QC Flag Legend

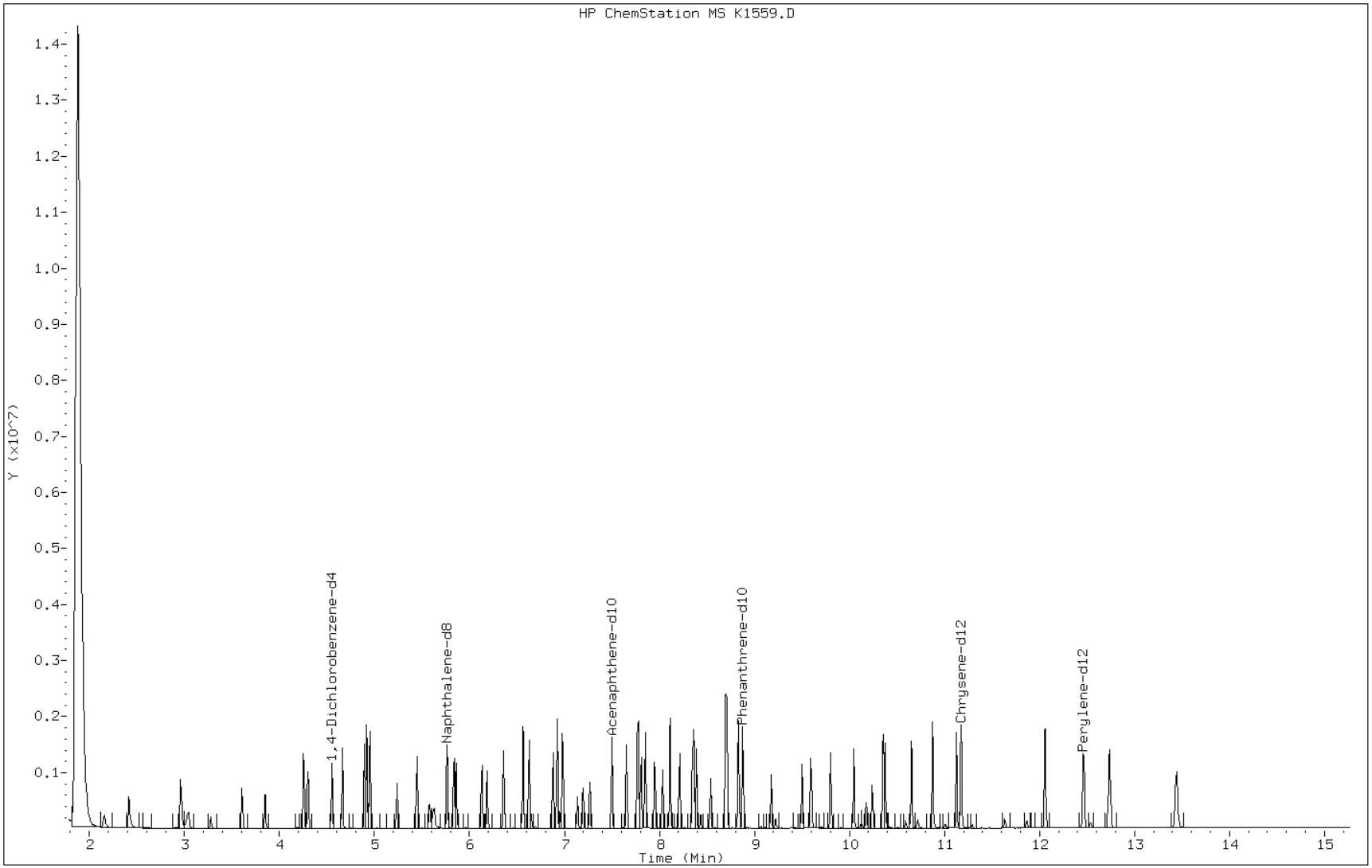
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: K1559.D

Date: 05-AUG-2011 16:16

Client ID: MS-AP9-050_00014 Instrument: K.i

Sample Info: STD050-909135,,MS-AP9-050_00014 Operator: KIEKELD



Manual Integration Report

Data File: K1559.D
Inj. Date and Time: 05-AUG-2011 16:16
Instrument ID: K.i
Client ID: MS-AP9-050_00014
Compound: 55 a,a-Dimethylphenethylamine
CAS #: 122-09-8
Report Date: 08/09/2011

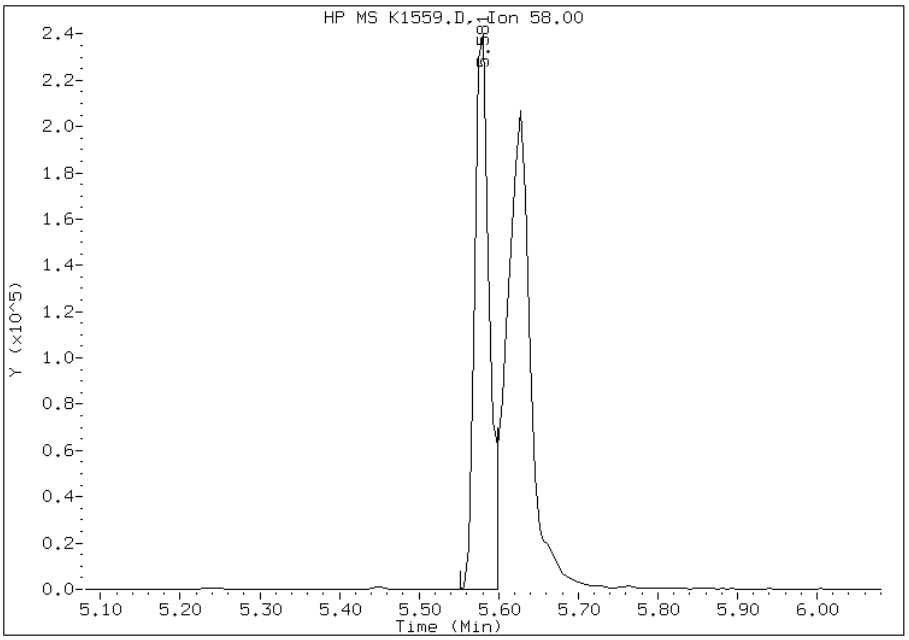
Processing Integration Results

RT: 5.58

Response: 306035

Amount: 0

Conc: 0



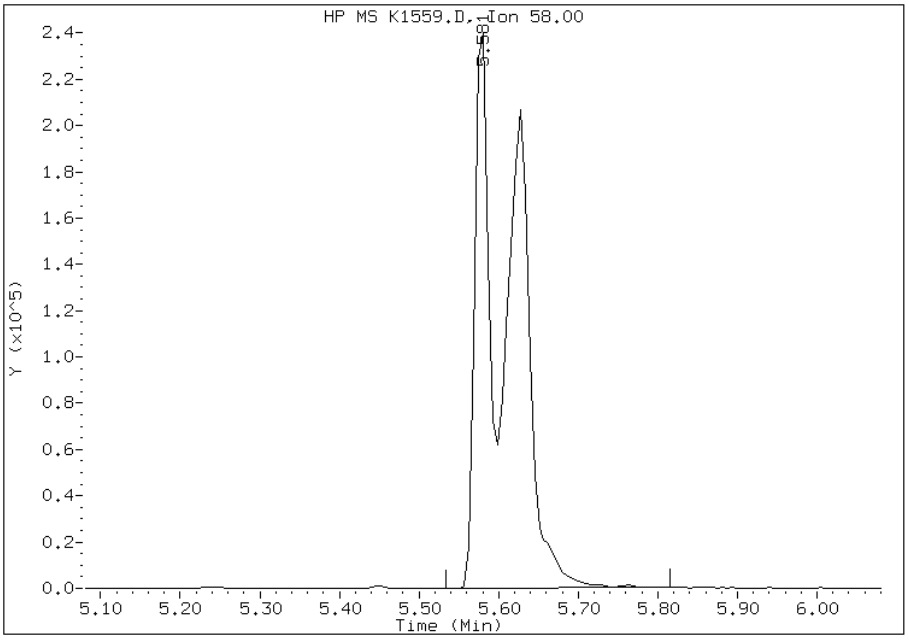
Manual Integration Results

RT: 5.58

Response: 719077

Amount: 51

Conc: 51



Manually Integrated By: kiekeld
Modification Date: 09-Aug-2011 08:56
Manual Integration Reason: Split Peak

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1560.D
Lab Smp Id: STD120-909137 Client Smp ID: MS-AP9-120_00014
Inj Date : 05-AUG-2011 16:37
Operator : KIEKELD Inst ID: K.i
Smp Info : STD120-909137,,MS-AP9-120_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 16:16 Cal File: K1559.D
Als bottle: 25 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	167829	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	617767	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.502	(1.000)	353219	40.0000	
* 135 Phenanthrene-d10	188	8.877	8.877	(1.000)	597824	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	708534	40.0000	
* 179 Perylene-d12	264	12.461	12.461	(1.000)	676000	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	709714	120.000	117.081
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	329509	120.000	117.868
11 Methyl methanesulfonate	80	3.277	3.277	(0.720)	166806	120.000	120.987
12 N-Nitrosodiethylamine	102	3.612	3.612	(0.793)	325437	120.000	115.608
13 Ethyl methanesulfonate	79	3.853	3.853	(0.846)	506737	120.000	116.023
24 Pentachloroethane	117	4.299	4.299	(0.945)	253090	120.000	116.513
39 N-Nitrosopyrrolidine	100	4.922	4.922	(1.081)	316779	120.000	111.917
40 N-Nitrosomorpholine	116	4.952	4.952	(1.088)	114895	120.000	111.008
42 o-Toluidine	106	4.963	4.963	(1.090)	969600	120.000	112.398
46 N-Nitrosopiperidine	114	5.245	5.245	(0.910)	319284	120.000	118.346
51 O,O,O-Triethyl phosphorothio	198	5.451	5.451	(0.946)	341570	120.000	118.880
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	1689207	120.000	121.114(M)
61 2,6-Dichlorophenol	162	5.839	5.839	(1.013)	547455	120.000	118.804
63 Hexachloropropene	213	5.862	5.862	(1.017)	480884	120.000	122.099
64 N-Nitrosodi-n-butylamine	84	6.133	6.133	(1.064)	405330	120.000	118.610
66 p-Phenylenediamine	108	6.191	6.191	(1.074)	644289	120.000	116.658

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.362	6.362	(1.104)	505534	120.000	117.295
75	1,2,4,5-Tetrachlorobenzene	216	6.632	6.632	(1.151)	687155	120.000	117.227
76	Isosafrole (#1)	162	6.650	6.650	(0.886)	99322	21.0000	21.2893
84	Isosafrole (#2)	104	6.885	6.885	(0.918)	220124	99.0000	97.1204
85	Biphenyl	154	6.926	6.926	(0.923)	1407003	120.000	114.996
87	1-Chloronaphthalene	162	6.985	6.985	(0.931)	1152659	120.000	113.721
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	216135	120.000	109.418
90	1,4-Dinitrobenzene	168	7.202	7.202	(0.960)	189917	120.000	131.018
92	1,3-Dinitrobenzene	168	7.272	7.272	(0.969)	215033	120.000	125.009
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	604872	120.000	118.562
103	1-Naphthylamine	143	7.784	7.784	(1.038)	1106767	120.000	113.985
104	2,3,4,6-Tetrachlorophenol	232	7.813	7.813	(1.042)	385185	120.000	119.600
106	2-Naphthylamine	143	7.854	7.854	(1.047)	1151395	120.000	115.360
108	Thionazin	97	7.954	7.954	(1.060)	270233	120.000	117.602
111	5-Nitro-o-toluidine	152	8.042	8.042	(1.072)	387795	120.000	121.939
114	Diphenylamine	169	8.113	8.113	(1.081)	1146767	120.000	115.282
117	Sulfotepp	97	8.213	8.213	(0.925)	184724	120.000	116.824
119	Diallate (#1)	86	8.348	8.348	(0.940)	392371	86.4000	84.8597
120	1,3,5-Trinitrobenzene	213	8.365	8.365	(0.942)	132022	120.000	122.553
121	Phorate	121	8.365	8.365	(0.942)	207581	120.000	115.220
122	Phenacetin	108	8.401	8.401	(0.946)	585734	120.000	119.081
123	Diallate (#2)	86	8.436	8.436	(0.950)	89478	33.6000	34.0112
126	Dimethoate	87	8.547	8.547	(0.963)	296030	120.000	123.278
130	4-Aminobiphenyl	169	8.700	8.700	(0.980)	1348699	120.000	113.784
131	Pentachloronitrobenzene	237	8.706	8.706	(0.981)	158727	120.000	118.950
132	Pronamide	173	8.718	8.718	(0.982)	525373	120.000	116.394
133	Disulfoton	88	8.830	8.830	(0.995)	531227	120.000	115.450
134	2-secbutyl-4,6-dinitropheno	211	8.841	8.841	(0.996)	331910	120.000	127.513
142	Methyl parathion	109	9.176	9.176	(1.034)	274016	120.000	125.847
145	Parathion	109	9.505	9.505	(1.071)	234584	120.000	121.690
146	4-Nitroquinoline-1-oxide	190	9.593	9.593	(1.081)	203225	120.000	125.514
147	Methapyrilene	97	9.599	9.599	(1.081)	284574	120.000	115.286
148	Isodrin	193	9.805	9.805	(1.105)	216438	120.000	118.816
153	Aramite (#1)	185	10.175	10.175	(0.911)	81721	55.2000	55.6037
155	Aramite (#2)	185	10.246	10.246	(0.917)	163116	64.8000	65.6756
156	p-Dimethylaminoazobenzene	120	10.357	10.357	(0.927)	497379	120.000	117.109
157	Chlorobenzilate	251	10.375	10.375	(0.928)	650221	120.000	120.708
160	3,3'-Dimethylbenzidine	212	10.657	10.657	(0.954)	1263670	120.000	117.009
161	2-Acetylaminofluorene	181	10.880	10.880	(0.974)	889872	120.000	121.677
M 173	Total Isosafrole	162				319446	120.000	118.410
M 174	Total Diallate	86				481849	120.000	118.871
M 175	Total Aramite	185				244837	120.000	121.279
176	7,12-Dimethylbenz(a)anthrac	256	12.061	12.061	(0.968)	1093808	120.000	120.058
181	3-Methylcholanthrene	268	12.743	12.743	(1.023)	1213481	120.000	121.017
184	Dibenz(a,j)acridine	279	13.448	13.448	(1.079)	1836091	120.000	123.549

QC Flag Legend

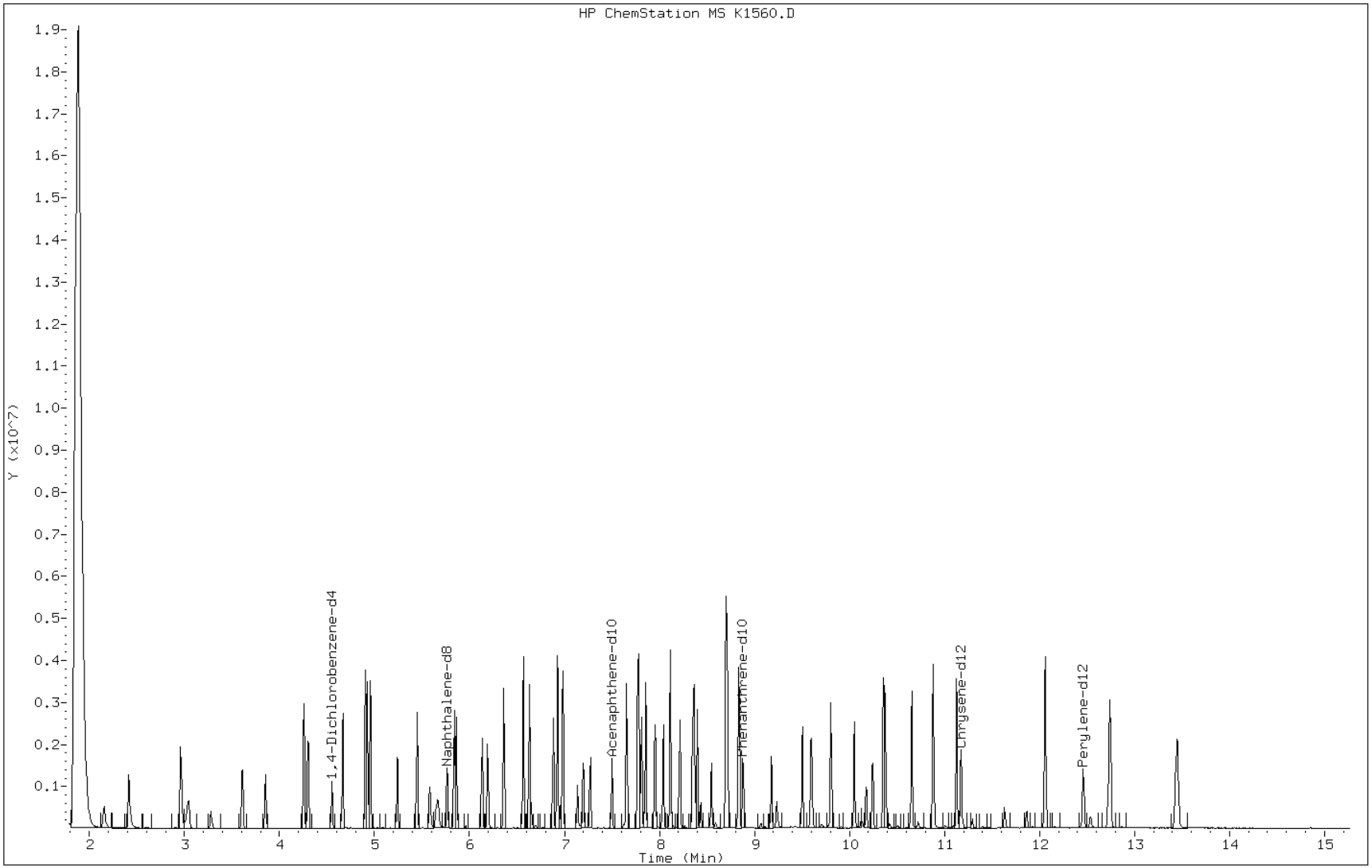
M - Compound response manually integrated.

Data File: K1560.D

Date: 05-AUG-2011 16:37

Client ID: MS-AP9-120_00014 Instrument: K.i

Sample Info: STD120-909137,,MS-AP9-120_00014 Operator: KIEKELD



Manual Integration Report

Data File: K1560.D
Inj. Date and Time: 05-AUG-2011 16:37
Instrument ID: K.i
Client ID: MS-AP9-120_00014
Compound: 55 a,a-Dimethylphenethylamine
CAS #: 122-09-8
Report Date: 08/09/2011

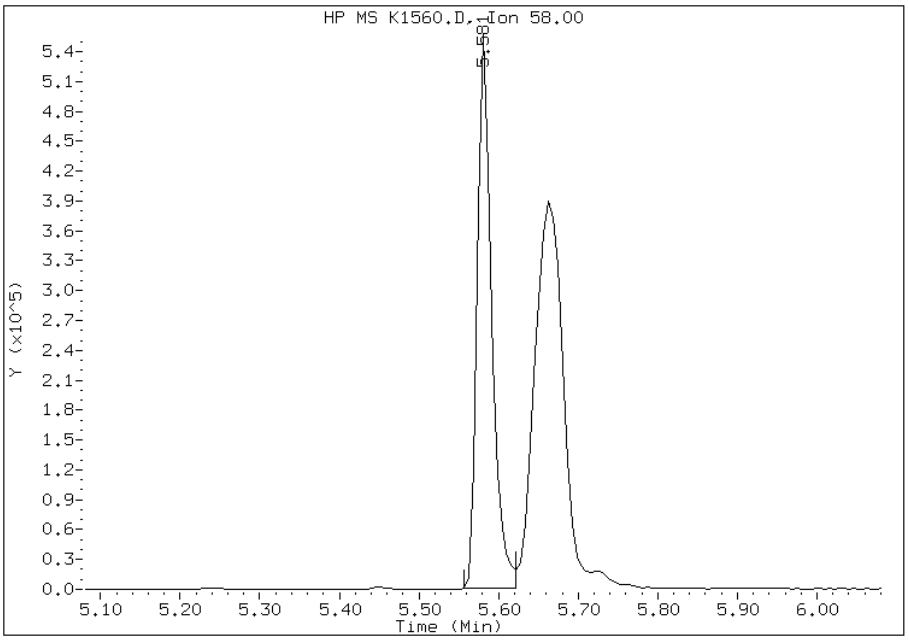
Processing Integration Results

RT: 5.58

Response: 696218

Amount: 0

Conc: 0



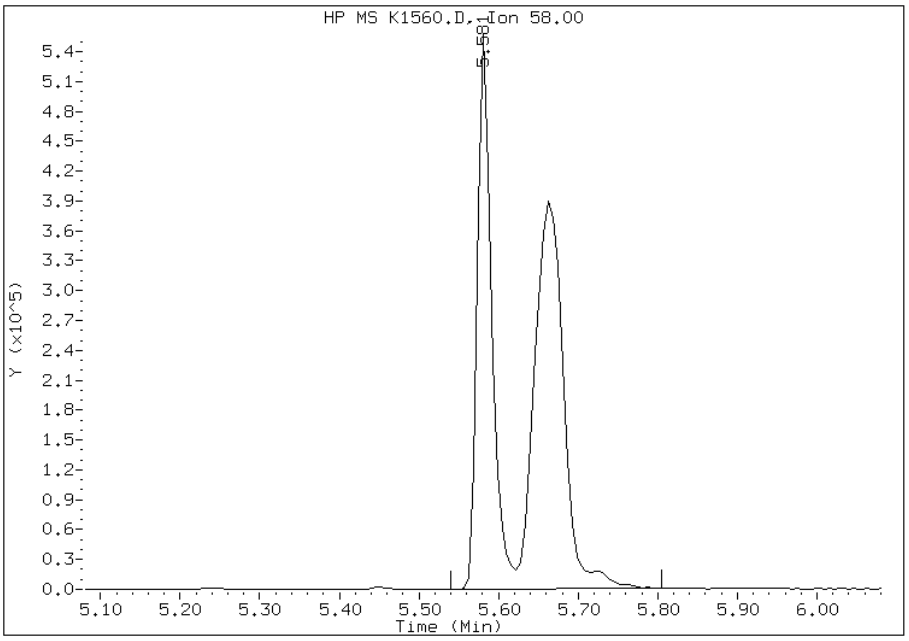
Manual Integration Results

RT: 5.58

Response: 1689207

Amount: 121

Conc: 121



Manually Integrated By: kiekeld
Modification Date: 09-Aug-2011 08:57
Manual Integration Reason: Split Peak

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1561.D
Lab Smp Id: STD160-909138 Client Smp ID: MS-AP9-160_00014
Inj Date : 05-AUG-2011 16:59
Operator : KIEKELD Inst ID: K.i
Smp Info : STD160-909138,,MS-AP9-160_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 16:37 Cal File: K1560.D
Als bottle: 26 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	167728	40.0000	
* 58 Naphthalene-d8	136	5.762	5.762	(1.000)	627267	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	353700	40.0000	
* 135 Phenanthrene-d10	188	8.882	8.882	(1.000)	591143	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	702132	40.0000	
* 179 Perylene-d12	264	12.460	12.460	(1.000)	673195	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	935415	160.000	154.407
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	446034	160.000	159.645
11 Methyl methanesulfonate	80	3.283	3.283	(0.721)	228529	160.000	165.856
12 N-Nitrosodiethylamine	102	3.612	3.612	(0.793)	434095	160.000	154.300
13 Ethyl methanesulfonate	79	3.859	3.859	(0.848)	669802	160.000	153.451
24 Pentachloroethane	117	4.305	4.305	(0.946)	330641	160.000	152.307
39 N-Nitrosopyrrolidine	100	4.928	4.928	(1.083)	413800	160.000	146.282
40 N-Nitrosomorpholine	116	4.957	4.957	(1.089)	144657	160.000	139.847
42 o-Toluidine	106	4.963	4.963	(1.090)	1244530	160.000	144.355
46 N-Nitrosopiperidine	114	5.245	5.245	(0.910)	424564	160.000	154.986
51 O,O,O-Triethyl phosphorothio	198	5.451	5.451	(0.946)	451230	160.000	154.668
55 a,a-Dimethylphenethylamine	58	5.580	5.580	(0.968)	2220451	160.000	156.792(M)
61 2,6-Dichlorophenol	162	5.845	5.845	(1.014)	712770	160.000	152.336
63 Hexachloropropene	213	5.862	5.862	(1.017)	628772	160.000	157.231
64 N-Nitrosodi-n-butylamine	84	6.138	6.138	(1.065)	525925	160.000	151.568
66 p-Phenylenediamine	108	6.197	6.197	(1.075)	832636	160.000	148.478

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.362	6.362	(1.104)	657370	160.000	150.214
75	1,2,4,5-Tetrachlorobenzene	216	6.632	6.632	(1.151)	889358	160.000	149.425
76	Isosafrole (#1)	162	6.655	6.655	(0.887)	131923	28.0000	28.2388
84	Isosafrole (#2)	104	6.885	6.885	(0.918)	286628	132.000	126.290
85	Biphenyl	154	6.932	6.932	(0.924)	1802711	160.000	147.138
87	1-Chloronaphthalene	162	6.984	6.984	(0.931)	1518057	160.000	149.567
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	255091	160.000	128.964
90	1,4-Dinitrobenzene	168	7.202	7.202	(0.960)	252979	160.000	174.285
92	1,3-Dinitrobenzene	168	7.272	7.272	(0.969)	284250	160.000	165.023
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	772380	160.000	151.190
103	1-Naphthylamine	143	7.783	7.783	(1.038)	1395794	160.000	143.556
104	2,3,4,6-Tetrachlorophenol	232	7.813	7.813	(1.042)	511350	160.000	158.558
106	2-Naphthylamine	143	7.860	7.860	(1.048)	1469654	160.000	147.046
108	Thionazin	97	7.954	7.954	(1.060)	351634	160.000	152.819
111	5-Nitro-o-toluidine	152	8.048	8.048	(1.073)	511685	160.000	160.676
114	Diphenylamine	169	8.118	8.118	(1.082)	1455699	160.000	146.139
117	Sulfotepp	97	8.218	8.218	(0.925)	233109	160.000	149.090
119	Diallate (#1)	86	8.353	8.353	(0.940)	504684	115.200	110.384
120	1,3,5-Trinitrobenzene	213	8.365	8.365	(0.942)	177222	160.000	164.925
121	Phorate	121	8.365	8.365	(0.942)	259142	160.000	145.466
122	Phenacetin	108	8.406	8.406	(0.946)	770086	160.000	158.330
123	Diallate (#2)	86	8.436	8.436	(0.950)	118627	44.8000	45.6005
126	Dimethoate	87	8.553	8.553	(0.963)	340381	160.000	158.191
130	4-Aminobiphenyl	169	8.700	8.700	(0.979)	1682505	160.000	143.550
131	Pentachloronitrobenzene	237	8.712	8.712	(0.981)	201823	160.000	152.956
132	Pronamide	173	8.718	8.718	(0.981)	679383	160.000	152.216
133	Disulfoton	88	8.835	8.835	(0.995)	662699	160.000	145.650
134	2-secbutyl-4,6-dinitropheno	211	8.841	8.841	(0.995)	440613	160.000	171.188
142	Methyl parathion	109	9.176	9.176	(1.033)	319123	160.000	166.328
145	Parathion	109	9.505	9.505	(1.070)	303677	160.000	159.313
146	4-Nitroquinoline-1-oxide	190	9.599	9.599	(1.081)	242857	160.000	151.687(Q)
147	Methapyrilene	97	9.605	9.605	(1.081)	359245	160.000	155.661
148	Isodrin	193	9.805	9.805	(1.104)	275869	160.000	153.152
153	Aramite (#1)	185	10.181	10.181	(0.911)	104247	73.6000	71.5773
155	Aramite (#2)	185	10.245	10.245	(0.917)	205648	86.4000	83.5553
156	p-Dimethylaminoazobenzene	120	10.363	10.363	(0.927)	626763	160.000	148.919
157	Chlorobenzilate	251	10.380	10.380	(0.929)	836115	160.000	156.633
160	3,3'-Dimethylbenzidine	212	10.657	10.657	(0.954)	1578763	160.000	147.517
161	2-Acetylaminofluorene	181	10.886	10.886	(0.974)	1160013	160.000	160.061
M 173	Total Isosafrole	162				418551	160.000	154.529
M 174	Total Diallate	86				623311	160.000	155.984
M 175	Total Aramite	185				309895	160.000	155.133
176	7,12-Dimethylbenz(a)anthrac	256	12.061	12.061	(0.968)	1417622	160.000	156.248
181	3-Methylcholanthrene	268	12.742	12.742	(1.023)	1596402	160.000	159.868
184	Dibenz(a,j)acridine	279	13.453	13.453	(1.080)	2409481	160.000	162.807

QC Flag Legend

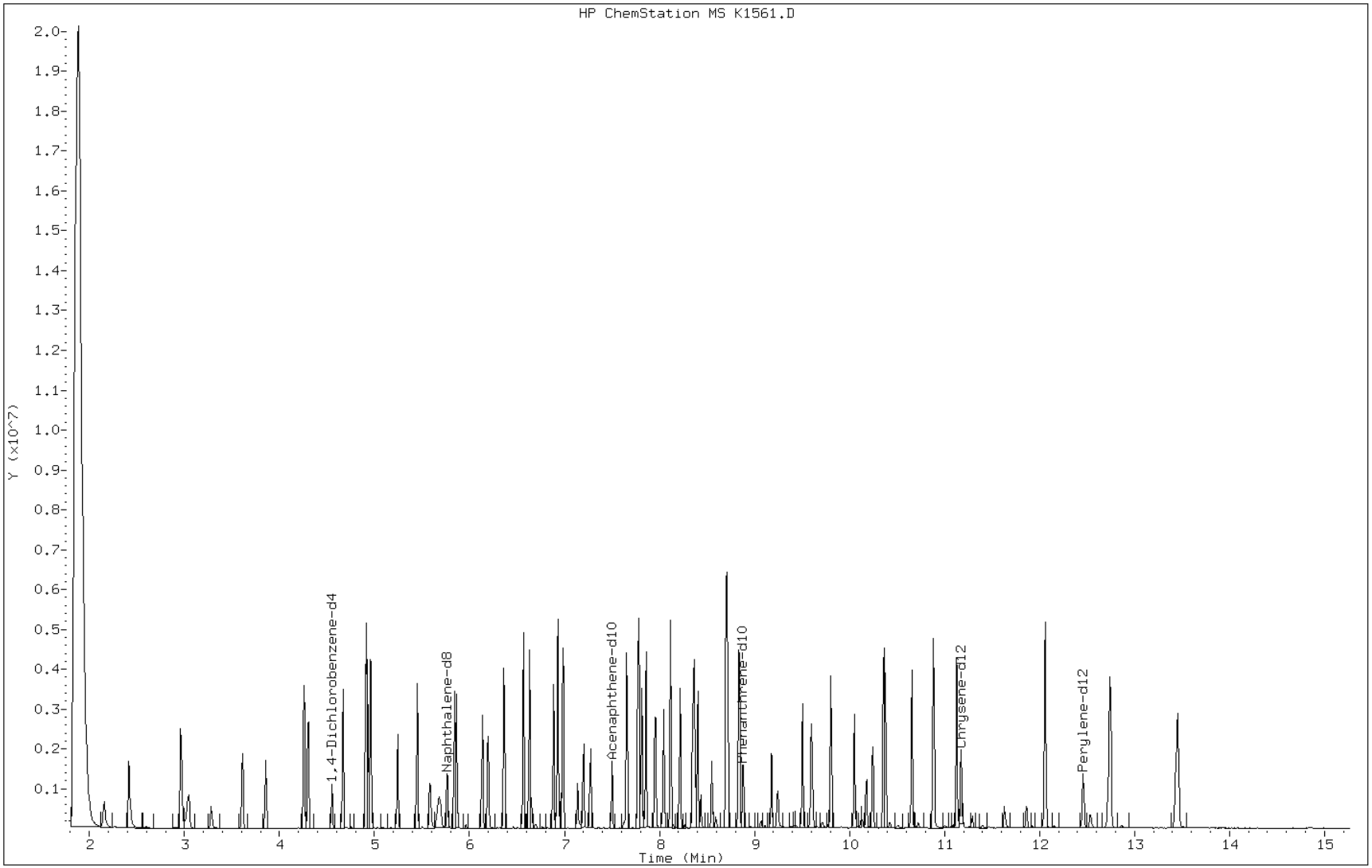
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: K1561.D

Date: 05-AUG-2011 16:59

Client ID: MS-AP9-160_00014 Instrument: K.i

Sample Info: STD160-909138,,MS-AP9-160_00014 Operator: KIEKELD



Manual Integration Report

Data File: K1561.D
Inj. Date and Time: 05-AUG-2011 16:59
Instrument ID: K.i
Client ID: MS-AP9-160_00014
Compound: 55 a,a-Dimethylphenethylamine
CAS #: 122-09-8
Report Date: 08/09/2011

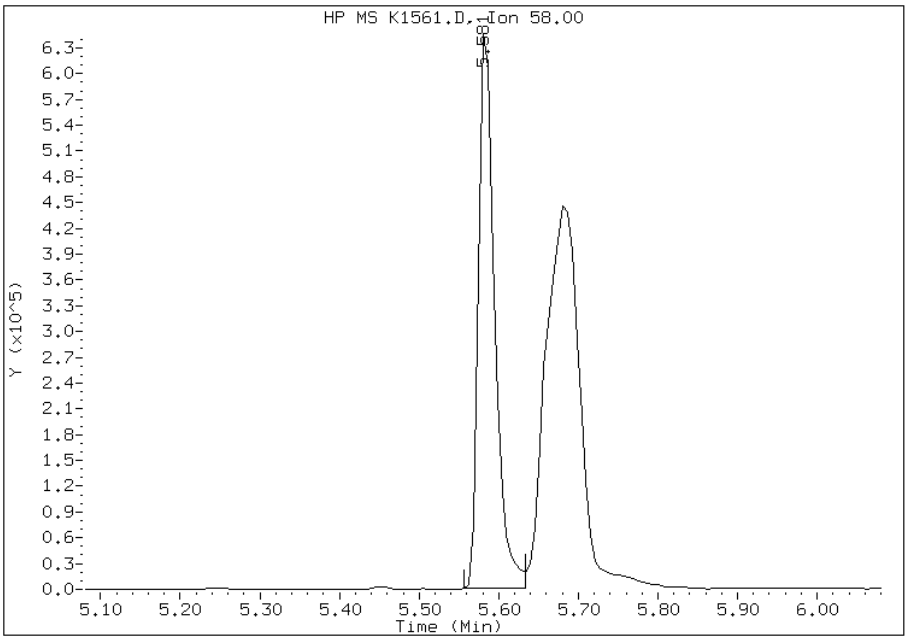
Processing Integration Results

RT: 5.58

Response: 914607

Amount: 0

Conc: 0



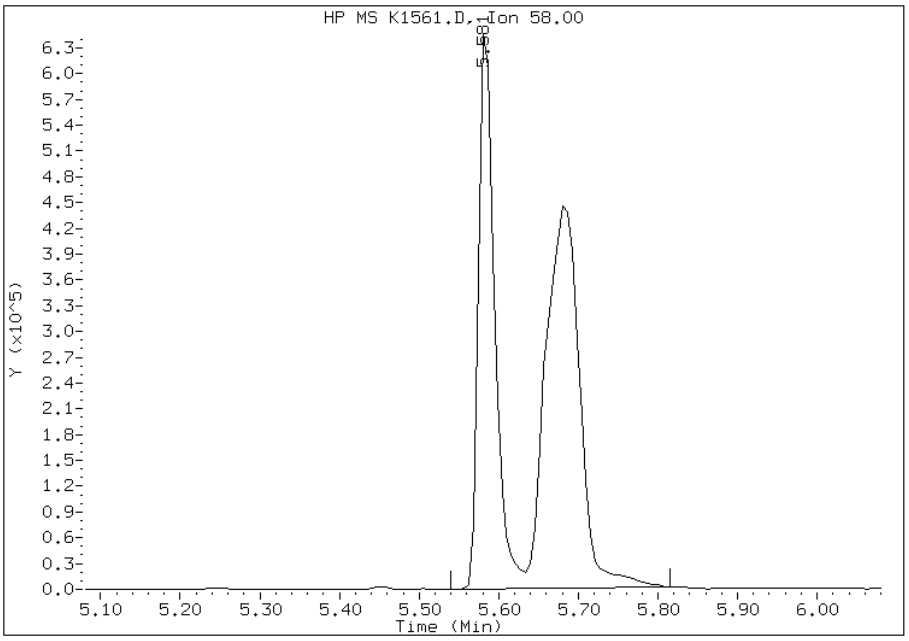
Manual Integration Results

RT: 5.58

Response: 2220451

Amount: 157

Conc: 157



Manually Integrated By: kiekeld
Modification Date: 09-Aug-2011 08:58
Manual Integration Reason:

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1562.D
Lab Smp Id: STD200-909139 Client Smp ID: MS-AP9-200_00014
Inj Date : 05-AUG-2011 17:20
Operator : KIEKELD Inst ID: K.i
Smp Info : STD200-909139,,MS-AP9-200_00014
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 16:59 Cal File: K1561.D
Als bottle: 27 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	164243	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	623619	40.0000	
* 96 Acenaphthene-d10	164	7.501	7.501	(1.000)	356252	40.0000	
* 135 Phenanthrene-d10	188	8.882	8.882	(1.000)	614252	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	734752	40.0000	
* 179 Perylene-d12	264	12.455	12.455	(1.000)	701384	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	1122843	200.000	189.278
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	538834	200.000	196.953
11 Methyl methanesulfonate	80	3.283	3.283	(0.721)	293026	200.000	217.177(A)
12 N-Nitrosodiethylamine	102	3.612	3.612	(0.793)	529176	200.000	192.088
13 Ethyl methanesulfonate	79	3.859	3.859	(0.848)	819220	200.000	191.664
24 Pentachloroethane	117	4.305	4.305	(0.946)	388089	200.000	182.563
39 N-Nitrosopyrrolidine	100	4.934	4.934	(1.084)	501014	200.000	180.871
40 N-Nitrosomorpholine	116	4.963	4.963	(1.090)	172976	200.000	170.773
42 o-Toluidine	106	4.969	4.969	(1.092)	1465616	200.000	173.606
46 N-Nitrosopiperidine	114	5.251	5.251	(0.910)	519664	200.000	190.811
51 O,O,O-Triethyl phosphorothio	198	5.451	5.451	(0.945)	543185	200.000	187.277
55 a,a-Dimethylphenethylamine	58	5.586	5.586	(0.968)	2797863	200.000	198.721(M)
61 2,6-Dichlorophenol	162	5.844	5.844	(1.013)	855320	200.000	183.872
63 Hexachloropropene	213	5.862	5.862	(1.016)	752081	200.000	189.166
64 N-Nitrosodi-n-butylamine	84	6.138	6.138	(1.064)	642816	200.000	186.339
66 p-Phenylenediamine	108	6.197	6.197	(1.074)	1001748	200.000	179.679

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
70	Safrole	162	6.367	6.367	(1.104)	789269	200.000	181.409
75	1,2,4,5-Tetrachlorobenzene	216	6.632	6.632	(1.150)	1072772	200.000	181.296
76	Isosafrole (#1)	162	6.655	6.655	(0.887)	167158	35.0000	35.5247
84	Isosafrole (#2)	104	6.884	6.884	(0.918)	347719	165.000	152.110
85	Biphenyl	154	6.931	6.931	(0.924)	2185335	200.000	177.090
87	1-Chloronaphthalene	162	6.990	6.990	(0.932)	1868012	200.000	182.728
89	1,4-Naphthoquinone	158	7.137	7.137	(0.951)	287185	200.000	144.149
90	1,4-Dinitrobenzene	168	7.202	7.202	(0.960)	321603	200.000	219.975(A)
92	1,3-Dinitrobenzene	168	7.278	7.278	(0.970)	362903	200.000	209.177(A)
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	959975	200.000	186.564
103	1-Naphthylamine	143	7.789	7.789	(1.038)	1699084	200.000	173.497
104	2,3,4,6-Tetrachlorophenol	232	7.813	7.813	(1.042)	641414	200.000	197.464
106	2-Naphthylamine	143	7.860	7.860	(1.048)	1804362	200.000	179.242
108	Thionazin	97	7.960	7.960	(1.061)	431625	200.000	186.239
111	5-Nitro-o-toluidine	152	8.054	8.054	(1.074)	647783	200.000	201.955(A)
114	Diphenylamine	169	8.118	8.118	(1.082)	1811085	200.000	180.515
117	Sulfotepp	97	8.218	8.218	(0.925)	286880	200.000	176.577
119	Diallate (#1)	86	8.353	8.353	(0.940)	619322	144.000	130.361
120	1,3,5-Trinitrobenzene	213	8.365	8.365	(0.942)	226302	200.000	201.752(A)
121	Phorate	121	8.371	8.371	(0.942)	313233	200.000	169.214
122	Phenacetin	108	8.412	8.412	(0.947)	965258	200.000	190.991
123	Diallate (#2)	86	8.436	8.436	(0.950)	150776	56.0000	55.7782
126	Dimethoate	87	8.553	8.553	(0.963)	376867	200.000	176.035
130	4-Aminobiphenyl	169	8.706	8.706	(0.980)	2040603	200.000	167.553
131	Pentachloronitrobenzene	237	8.712	8.712	(0.981)	251918	200.000	183.739
132	Pronamide	173	8.724	8.724	(0.982)	841407	200.000	181.425
133	Disulfoton	88	8.835	8.835	(0.995)	814978	200.000	172.380
134	2-secbutyl-4,6-dinitropheno	211	8.847	8.847	(0.996)	566831	200.000	211.942(A)
142	Methyl parathion	109	9.182	9.182	(1.034)	360835	200.000	192.881
145	Parathion	109	9.505	9.505	(1.070)	376343	200.000	190.006
146	4-Nitroquinoline-1-oxide	190	9.599	9.599	(1.081)	290151	200.000	174.408(Q)
147	Methapyrilene	97	9.611	9.611	(1.082)	462901	200.000	203.407(A)
148	Isodrin	193	9.805	9.805	(1.104)	341277	200.000	182.337
153	Aramite (#1)	185	10.181	10.181	(0.911)	131829	91.0000	86.4970
155	Aramite (#2)	185	10.245	10.245	(0.917)	253541	109.000	98.4409
156	p-Dimethylaminoazobenzene	120	10.363	10.363	(0.927)	751410	200.000	170.609
157	Chlorobenzilate	251	10.380	10.380	(0.929)	1050695	200.000	188.092
160	3,3'-Dimethylbenzidine	212	10.657	10.657	(0.954)	1861808	200.000	166.241
161	2-Acetylaminofluorene	181	10.892	10.892	(0.975)	1457654	200.000	192.201
M 173	Total Isosafrole	162				514877	200.000	187.635
M 174	Total Diallate	86				770098	200.000	186.139
M 175	Total Aramite	185				385370	200.000	184.938
176	7,12-Dimethylbenz(a)anthrac	256	12.061	12.061	(0.968)	1774450	200.000	187.717(A)
181	3-Methylcholanthrene	268	12.742	12.742	(1.023)	2007502	200.000	192.958
184	Dibenz(a,j)acridine	279	13.453	13.453	(1.080)	3051286	200.000	197.887

QC Flag Legend

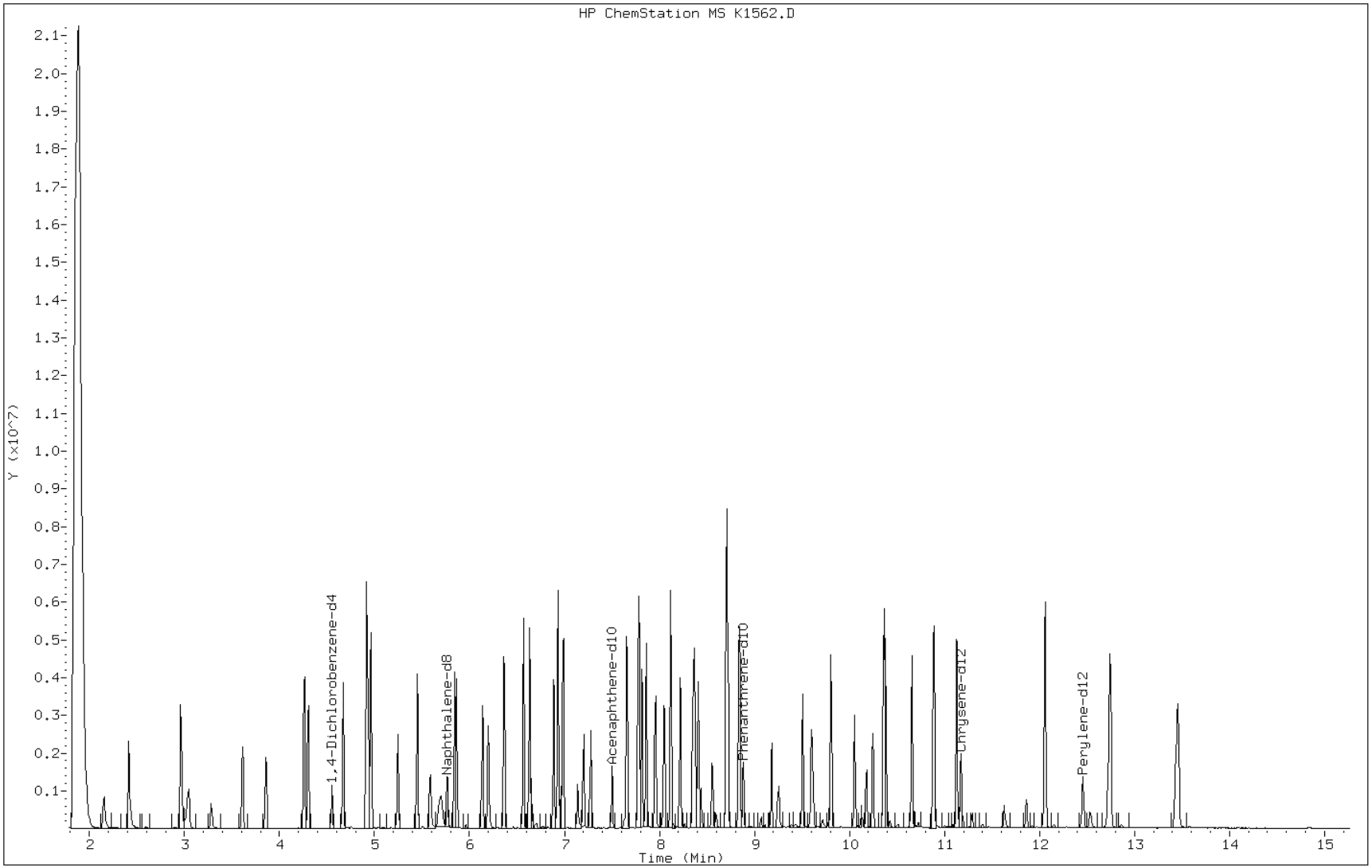
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

Data File: K1562.D

Date: 05-AUG-2011 17:20

Client ID: MS-AP9-200_00014 Instrument: K.i

Sample Info: STD200-909139,,MS-AP9-200_00014 Operator: KIEKELD



Manual Integration Report

Data File: K1562.D
Inj. Date and Time: 05-AUG-2011 17:20
Instrument ID: K.i
Client ID: MS-AP9-200_00014
Compound: 55 a,a-Dimethylphenethylamine
CAS #: 122-09-8
Report Date: 08/09/2011

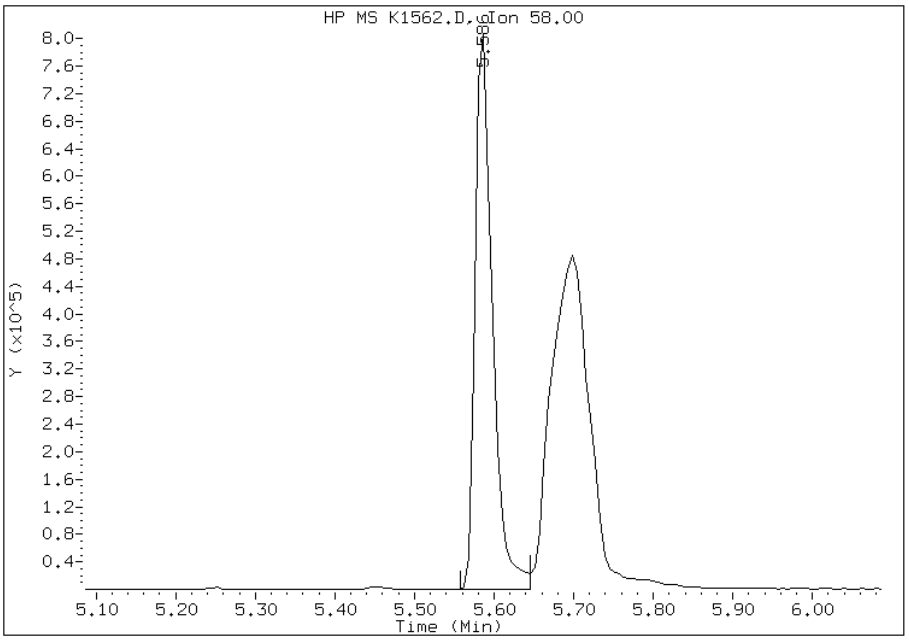
Processing Integration Results

RT: 5.59

Response: 1200436

Amount: 0

Conc: 0



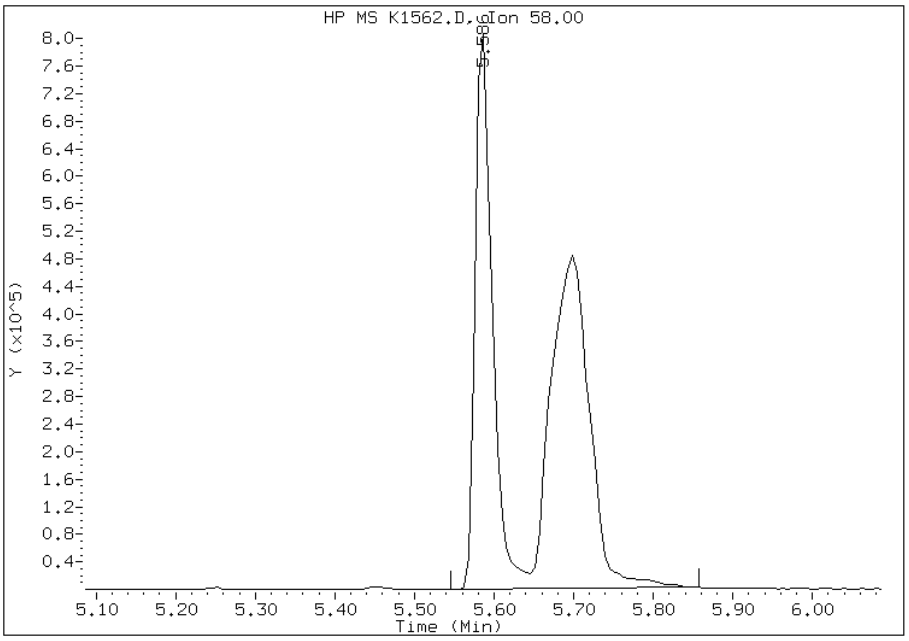
Manual Integration Results

RT: 5.59

Response: 2797863

Amount: 199

Conc: 199



Manually Integrated By: kiekeld
Modification Date: 09-Aug-2011 08:58
Manual Integration Reason: Split Peak

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-80421/10 Calibration Date: 08/05/2011 14:07

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1553.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6022	0.6064		80.6	80.0	0.7	35.0
N-Nitrosodimethylamine	Ave	0.9337	0.9499		81.4	80.0	1.7	20.0
Pyridine	Ave	1.681	1.662		79.1	80.0	-1.2	35.0
Phenol	Ave	1.704	1.667		78.3	80.0	-2.1	20.0
Aniline	Ave	2.113	1.944		73.6	80.0	-8.0	35.0
Bis(2-chloroethyl)ether	Ave	1.230	1.250		81.3	80.0	1.7	20.0
2-Chlorophenol	Ave	1.389	1.403		80.8	80.0	1.0	20.0
1,3-Dichlorobenzene	Ave	1.655	1.603		77.5	80.0	-3.2	20.0
1,4-Dichlorobenzene	Ave	1.657	1.619		78.2	80.0	-2.2	20.0
Benzyl alcohol	Ave	0.9138	0.9071		79.4	80.0	-0.7	20.0
1,2-Dichlorobenzene	Ave	1.535	1.562		81.4	80.0	1.7	20.0
2-Methylphenol	Ave	1.285	1.223		76.2	80.0	-4.8	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.997	2.044		0.00100	80.0	2.4	20.0
4-Methylphenol	Ave	1.348	1.271		75.4	80.0	-5.7	35.0
N-Nitrosodi-n-propylamine	Ave	0.9255	0.9407	0.0500	81.3	80.0	1.6	20.0
Acetophenone	Ave	1.796	1.718		76.5	80.0	-4.3	35.0
Hexachloroethane	Ave	0.6079	0.6020		79.2	80.0	-1.0	20.0
Nitrobenzene	Ave	0.3595	0.3702		82.4	80.0	3.0	20.0
Isophorone	Ave	0.6267	0.6263		80.0	80.0	-0.0	20.0
2-Nitrophenol	Ave	0.1800	0.1873		83.2	80.0	4.1	20.0
2,4-Dimethylphenol	Ave	0.3316	0.3229		77.9	80.0	-2.6	20.0
Bis(2-chloroethoxy)methane	Ave	0.3902	0.3862		79.2	80.0	-1.0	20.0
Benzoic acid	Ave	0.1961	0.1943		79.3	80.0	-0.9	20.0
2,4-Dichlorophenol	Ave	0.3131	0.3047		77.9	80.0	-2.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3676	0.3404		74.1	80.0	-7.4	20.0
Naphthalene	Ave	0.9909	0.9566		77.2	80.0	-3.5	20.0
4-Chloroaniline	Ave	0.4298	0.4138		77.0	80.0	-3.7	20.0
Hexachlorobutadiene	Ave	0.2152	0.2147		79.8	80.0	-0.3	20.0
Caprolactam	Ave	0.1580	0.1638		82.9	80.0	3.7	35.0
4-Chloro-3-methylphenol	Ave	0.2962	0.2902		78.4	80.0	-2.0	20.0
2-Methylnaphthalene	Ave	0.6709	0.6321		75.4	80.0	-5.8	20.0
1-Methylnaphthalene	Ave	0.6423	0.6017		74.9	80.0	-6.3	35.0
Hexachlorocyclopentadiene	Ave	0.4259	0.4781		89.8	80.0	12.2	35.0
2,4,6-Trichlorophenol	Ave	0.4097	0.4139		80.8	80.0	1.0	20.0
2,4,5-Trichlorophenol	Ave	0.4547	0.4526		79.6	80.0	-0.5	20.0
2-Chloronaphthalene	Ave	1.142	1.136		79.6	80.0	-0.5	20.0
2-Nitroaniline	Ave	0.3307	0.3485		84.3	80.0	5.4	20.0
Dimethyl phthalate	Ave	1.232	1.205		78.3	80.0	-2.2	20.0
2,6-Dinitrotoluene	Ave	0.2849	0.2818		79.1	80.0	-1.1	20.0
Acenaphthylene	Ave	1.708	1.737		81.4	80.0	1.7	20.0
3-Nitroaniline	Ave	0.3136	0.3219		82.1	80.0	2.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-80421/10 Calibration Date: 08/05/2011 14:07

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1553.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.102	1.052		76.4	80.0	-4.5	20.0
2,4-Dinitrophenol	Ave	0.1736	0.1777	0.0500	81.9	80.0	2.4	20.0
4-Nitrophenol	Ave	0.1756	0.1770	0.0500	80.6	80.0	0.8	20.0
2,4-Dinitrotoluene	Ave	0.3412	0.3685		86.4	80.0	8.0	20.0
Dibenzofuran	Ave	1.522	1.492		78.4	80.0	-2.0	20.0
Diethyl phthalate	Ave	1.170	1.146		78.3	80.0	-2.1	20.0
4-Chlorophenyl phenyl ether	Ave	0.6625	0.6530		78.9	80.0	-1.4	20.0
Fluorene	Ave	1.279	1.208		75.5	80.0	-5.6	20.0
4-Nitroaniline	Ave	0.3046	0.3144		82.6	80.0	3.2	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1375	0.1362		79.3	80.0	-0.9	20.0
N-Nitrosodiphenylamine	Ave	0.6543	0.6151		64.2	68.3	-6.0	20.0
1,2-Diphenylhydrazine	Ave	1.210	1.196		80.0	80.9	-1.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2460	0.2419		78.6	80.0	-1.7	20.0
Hexachlorobenzene	Ave	0.2668	0.2614		78.4	80.0	-2.1	20.0
Atrazine	Ave	0.2046	0.1663		65.0	80.0	-18.7	35.0
Pentachlorophenol	Ave	0.1829	0.1767		77.3	80.0	-3.4	20.0
Phenanthrene	Ave	1.071	1.024		76.5	80.0	-4.4	20.0
Anthracene	Ave	1.091	1.046		76.7	80.0	-4.1	20.0
Carbazole	Ave	1.003	0.9484		75.6	80.0	-5.5	20.0
Di-n-butyl phthalate	Ave	1.093	1.102		80.6	80.0	0.8	20.0
Fluoranthene	Ave	1.239	1.195		77.2	80.0	-3.6	20.0
Pyrene	Ave	1.118	1.088		77.8	80.0	-2.7	20.0
Butyl benzyl phthalate	Ave	0.4076	0.4404		86.4	80.0	8.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.5698	0.6094		85.6	80.0	6.9	20.0
Benzo[a]anthracene	Ave	1.104	1.064		77.1	80.0	-3.6	20.0
Chrysene	Ave	1.069	1.020		76.3	80.0	-4.6	20.0
Di-n-octyl phthalate	Ave	0.9550	1.013		84.8	80.0	6.0	20.0
Benzo[b]fluoranthene	Ave	1.147	1.218		84.9	80.0	6.2	20.0
Benzo[k]fluoranthene	Ave	1.254	1.100		70.1	80.0	-12.3	20.0
Benzo[a]pyrene	Ave	1.073	0.9758		72.8	80.0	-9.0	20.0
Dibenz(a,h)anthracene	Ave	0.9886	0.9866		79.8	80.0	-0.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.236	1.241		80.3	80.0	0.4	20.0
Benzo[g,h,i]perylene	Ave	1.060	1.045		78.9	80.0	-1.3	20.0
2-Fluorophenol (Surr)	Ave	1.358	1.330		117	120	-2.1	35.0
Phenol-d5 (Surr)	Ave	1.634	1.564		115	120	-4.2	35.0
Nitrobenzene-d5 (Surr)	Ave	0.3675	0.3732		81.2	80.0	1.5	35.0
2-Fluorobiphenyl	Ave	1.302	1.289		79.2	80.0	-1.0	20.0
2,4,6-Tribromophenol (Surr)	Ave	0.2277	0.2218		117	120	-2.6	35.0
Terphenyl-d14 (Surr)	Ave	0.7675	0.7496		78.1	80.0	-2.3	35.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1553.D
Lab Smp Id: ICV-885219 Client Smp ID: MS-HSLSSV080_00019
Inj Date : 05-AUG-2011 14:07
Operator : KIEKELD Inst ID: K.i
Smp Info : ICV-885219,,MS-HSLSSV080_00019
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 13:45 Cal File: K1552.D
Als bottle: 18 QC Sample: SSV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSLSSV.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.558	(1.000)	185945	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	709963	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.508	(1.000)	400576	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.882	(1.000)	685202	40.0000	
* 166 Chrysene-d12	240	11.180	11.192	(1.000)	765998	40.0000	
* 179 Perylene-d12	264	12.466	12.490	(1.000)	778701	40.0000	
$ 43 Nitrobenzene-d5	82	5.075	5.087	(0.880)	529857	81.2218	81.2218
$ 81 2-Fluorobiphenyl	172	6.820	6.826	(0.909)	1032896	79.2356	79.2356
$ 154 Terphenyl-d14	244	10.240	10.246	(0.916)	1148309	78.1269	78.1269
$ 8 2-Fluorophenol	112	3.400	3.401	(0.747)	741669	117.453	117.453
$ 15 Phenol-d5	99	4.182	4.200	(0.919)	872716	114.910	114.910
$ 118 2,4,6-Tribromophenol	330	8.248	8.254	(1.099)	266579	116.884	116.884
6 Pyridine	79	2.419	2.419	(0.531)	618090	79.0800	79.0800
5 N-Nitrosodimethylamine	74	2.384	2.390	(0.524)	353262	81.3860	81.3860
18 Aniline	93	4.258	4.276	(0.935)	722855	73.6072	73.6072(H)
16 Phenol	94	4.199	4.211	(0.923)	620054	78.2852	78.2852
20 Bis(2-chloroethyl) ether	93	4.293	4.305	(0.943)	464981	81.3495	81.3495
23 2-Chlorophenol	128	4.364	4.370	(0.959)	521687	80.8149	80.8149
25 1,3-Dichlorobenzene	146	4.505	4.505	(0.990)	596069	77.4623	77.4623
27 1,4-Dichlorobenzene	146	4.570	4.576	(1.004)	602223	78.2033	78.2032
28 Benzyl alcohol	108	4.670	4.676	(1.026)	337332	79.4120	79.4120
30 1,2-Dichlorobenzene	146	4.711	4.717	(1.035)	580730	81.3719	81.3719

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
32	2-Methylphenol	108	4.752	4.758	(1.044)	454942	76.1658	76.1658
35	1H-Indene	116	4.793	4.799	(1.053)	758315	79.1838	79.1838
34	2,2'-oxybis(1-chloropropane)	45	4.775	4.781	(1.049)	760251	81.9140	81.9140
138	3-Methylphenol	108	4.893	4.911	(1.075)	472727	75.4223	75.4223
36	4-Methylphenol	108	4.893	4.911	(1.075)	472727	75.4223	75.4223
139	3 & 4-Methylphenol	108	4.893	4.911	(1.075)	472727	75.4223	75.4223
37	N-nitrosodi-n-propylamine	70	4.910	4.928	(1.079)	349820	81.3116	81.3116
38	Acetophenone	105	4.922	4.934	(1.081)	639013	76.5232	76.5232
41	Hexachloroethane	117	5.028	5.028	(1.105)	223877	79.2216	79.2216
44	Nitrobenzene	77	5.093	5.104	(0.883)	525683	82.3945	82.3945
47	Isophorone	82	5.304	5.322	(0.920)	889259	79.9500	79.9500
49	2-Nitrophenol	139	5.392	5.398	(0.935)	265926	83.2471	83.2471
50	2,4-Dimethylphenol	107	5.404	5.410	(0.937)	458504	77.9107	77.9107
52	Bis(2-chloroethoxy)methane	93	5.498	5.504	(0.953)	548328	79.1640	79.1640
53	Benzoic acid	122	5.504	5.551	(0.954)	275899	79.2834	79.2834
54	2,4-Dichlorophenol	162	5.615	5.621	(0.974)	432690	77.8616	77.8616
57	1,2,4-Trichlorobenzene	180	5.704	5.710	(0.989)	483337	74.0756	74.0756
59	Naphthalene	128	5.786	5.792	(1.003)	1358247	77.2280	77.2280
60	4-Chloroaniline	127	5.833	5.845	(1.011)	587518	77.0089	77.0089
62	Hexachlorobutadiene	225	5.886	5.886	(1.020)	304789	79.7889	79.7889
68	4-Chloro-3-methylphenol	107	6.291	6.309	(1.091)	412124	78.3914	78.3914
71	2-Methylnaphthalene	142	6.462	6.468	(1.120)	897545	75.3730	75.3730
72	1-Methylnaphthalene	142	6.567	6.573	(1.139)	854325	74.9356	74.9356
74	Hexachlorocyclopentadiene	237	6.608	6.609	(0.881)	383031	89.7955	89.7955
78	2,4,6-Trichlorophenol	196	6.744	6.750	(0.899)	331606	80.8145	80.8145
80	2,4,5-Trichlorophenol	196	6.779	6.791	(0.904)	362598	79.6298	79.6298
86	2-Chloronaphthalene	162	6.961	6.961	(0.928)	909835	79.5810	79.5810
88	2-Nitroaniline	65	7.067	7.079	(0.942)	279236	84.3119	84.3118
91	Dimethyl phthalate	163	7.214	7.231	(0.962)	965200	78.2624	78.2624
93	2,6-Dinitrotoluene	165	7.296	7.308	(0.973)	225770	79.1182	79.1182
94	Acenaphthylene	152	7.372	7.378	(0.983)	1391528	81.3610	81.3610
95	3-Nitroaniline	138	7.472	7.484	(0.996)	257885	82.1048	82.1048
97	Acenaphthene	153	7.537	7.543	(1.005)	842991	76.3875	76.3875
98	2,4-Dinitrophenol	184	7.560	7.578	(1.008)	142375	81.8912	81.8912
99	4-Nitrophenol	109	7.607	7.631	(1.014)	141768	80.6319	80.6319
101	2,4-Dinitrotoluene	165	7.684	7.696	(1.024)	295189	86.3907	86.3907
102	Dibenzofuran	168	7.695	7.701	(1.026)	1194921	78.4155	78.4155
107	Diethyl phthalate	149	7.878	7.889	(1.050)	917778	78.3244	78.3244
109	4-Chlorophenyl phenyl ether	204	8.001	8.007	(1.067)	523164	78.8547	78.8547
110	Fluorene	166	8.019	8.025	(1.069)	967533	75.5409	75.5408
112	4-Nitroaniline	138	8.060	8.077	(1.074)	251876	82.5778	82.5778
113	4,6-Dinitro-2-methylphenol	198	8.066	8.083	(0.909)	186669	79.2660	79.2660
115	N-nitrosodiphenylamine	169	8.113	8.124	(0.914)	719889	64.2301	64.2300
116	Azobenzene	77	8.148	8.154	(1.086)	968712	79.1007	79.1006
234	1,2-DPH(as Azobenzene)	77	8.148	8.154	(1.086)	968712	79.9688	79.9688
242	2,4,6 - Tribromophenol	330	8.248	8.254	(1.099)	266579	116.884	116.884
124	4-Bromophenyl phenyl ether	248	8.453	8.459	(0.952)	331481	78.6483	78.6483
125	Hexachlorobenzene	284	8.524	8.530	(0.960)	358179	78.3576	78.3576
129	Pentachlorophenol	266	8.700	8.706	(0.980)	242152	77.2882	77.2882
136	Phenanthrene	178	8.900	8.906	(1.003)	1402762	76.4599	76.4599
137	Anthracene	178	8.947	8.953	(1.008)	1433366	76.7194	76.7194
140	Carbazole	167	9.088	9.094	(1.024)	1299672	75.6339	75.6339
143	Di-n-butyl phthalate	149	9.323	9.329	(1.050)	1509511	80.6301	80.6301
149	Fluoranthene	202	9.946	9.952	(1.120)	1637882	77.1504	77.1504

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
152	Pyrene	202	10.151	10.157	(0.908)	1666075	77.8377	77.8377
159	Butyl benzyl phthalate	149	10.621	10.627	(0.950)	674715	86.4421	86.4421
165	Benzo(a)anthracene	228	11.168	11.180	(0.999)	1630322	77.1084	77.1084
167	Chrysene	228	11.203	11.221	(1.002)	1562444	76.3008	76.3008
162	Bis(2-ethylhexyl) phthalate	149	11.062	11.068	(0.989)	933596	85.5543	85.5543
168	Di-n-octyl phthalate	149	11.597	11.609	(1.037)	1551180	84.8224	84.8224
171	Benzo(b)fluoranthene	252	12.090	12.114	(0.970)	1896986	84.9332	84.9332(H)
172	Benzo(k)fluoranthene	252	12.114	12.114	(0.972)	1712446	70.1475	70.1475
178	Benzo(a)pyrene	252	12.414	12.443	(0.996)	1519642	72.7681	72.7681
186	Indeno(1,2,3-cd)pyrene	276	13.730	13.777	(1.228)	1900656	80.3308	80.3308
185	Dibenz(a,h)anthracene	278	13.724	13.765	(1.101)	1536580	79.8425	79.8425
188	Benzo(g,h,i)perylene	276	14.117	14.165	(1.132)	1628070	78.9328	78.9328
19	Methyl Styrene	118	4.282	4.288	(0.941)	509789	80.1222	80.1222
141	Alachlor	188	9.158	9.164	(1.032)	194335	80.7762	80.7762
127	Atrazine	200	8.583	8.589	(0.967)	227927	65.0436	65.0436
67	Caprolactam	55	6.203	6.256	(1.075)	232534	82.9366	82.9366(H)
79	2,3-Dichlorobenzeneamine	161	6.755	6.761	(0.901)	496450	79.9216	79.9216
21	Decane	43	4.346	4.346	(0.955)	552750	93.3429	93.3429
56	n-Dodecane	43	5.686	5.692	(0.758)	511114	82.4887	82.4887
83	Tetradecane	43	6.855	6.855	(0.914)	503768	81.9774	81.9774
128	n-Octadecane	85	8.677	8.683	(0.977)	230609	81.9568	81.9568
144	n-Eicosane	43	9.399	9.405	(1.253)	436758	80.2931	80.2931
150	n-docosane	43	10.052	10.052	(1.340)	407191	83.4286	83.4286
4	1,4-Dioxane	88	2.161	2.161	(0.475)	225504	80.5519	80.5519

QC Flag Legend

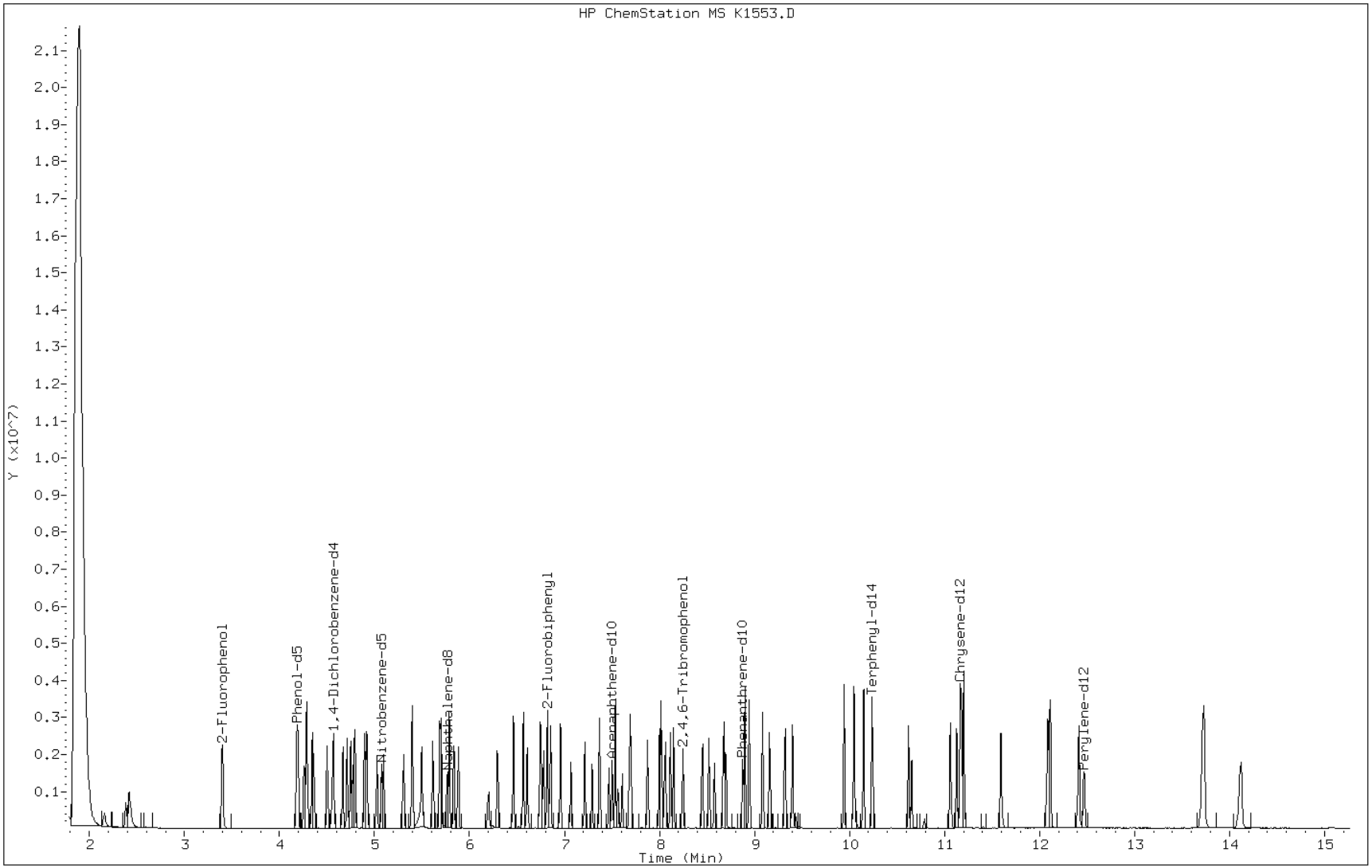
H - Operator selected an alternate compound hit.

Data File: K1553.D

Date: 05-AUG-2011 14:07

Client ID: MS-HSLSSV080_00019 Instrument: K.i

Sample Info: ICV-885219,,MS-HSLSSV080_00019 Operator: KIEKELD



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-80421/11 Calibration Date: 08/05/2011 14:28

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1554.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzidine	Ave	0.5394	0.6716		125	100	24.5*	20.0
3,3'-Dichlorobenzidine	Ave	0.4106	0.3899		94.9	100	-5.1	20.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1554.D
Lab Smp Id: ICV-840626 Client Smp ID: MS-BENZSSV100_00012
Inj Date : 05-AUG-2011 14:28
Operator : KIEKELD Inst ID: K.i
Smp Info : ICV-840626,,MS-BENZSSV100_00012
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\8270C.m
Meth Date : 09-Aug-2011 08:36 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 13:45 Cal File: K1552.D
Als bottle: 19 QC Sample: SSV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: BENSSV.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

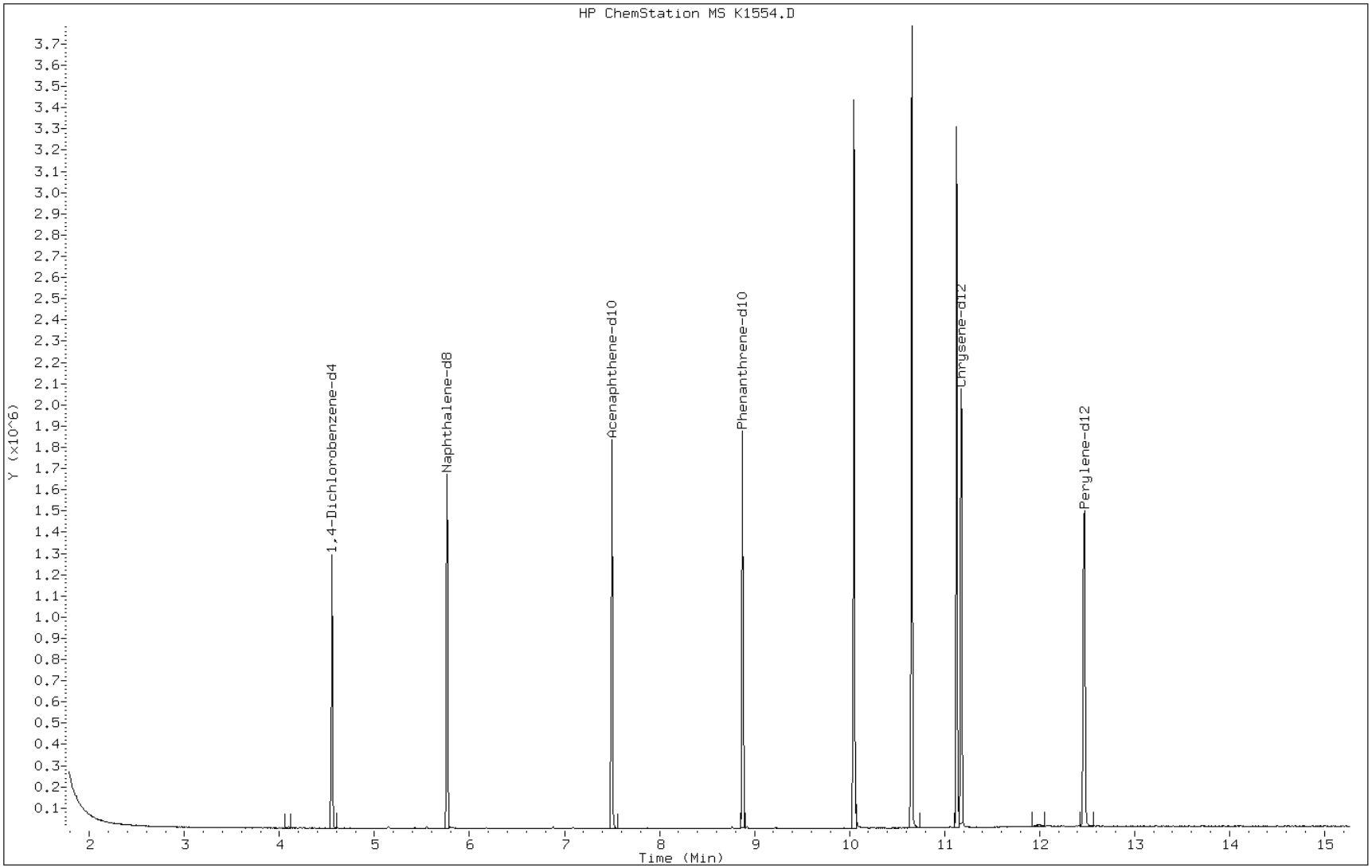
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.558	(1.000)	189092	40.0000	
* 58 Naphthalene-d8	136	5.762	5.768	(1.000)	726116	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.508	(1.000)	425391	40.0000	
* 135 Phenanthrene-d10	188	8.876	8.882	(1.000)	724319	40.0000	
* 166 Chrysene-d12	240	11.174	11.192	(1.000)	831281	40.0000	
* 179 Perylene-d12	264	12.472	12.490	(1.000)	799425	40.0000	
151 Benzidine	184	10.046	10.058	(0.899)	1395680	124.505	124.505
164 3 3'-Dichlorobenzidine	252	11.127	11.145	(0.996)	810269	94.9470	94.9470

Data File: K1554.D

Date: 05-AUG-2011 14:28

Client ID: MS-BENZSSV100_00012 Instrument: K.i

Sample Info: ICV-840626,,MS-BENZSSV100_00012 Operator: KIEKELD



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-80428/9 Calibration Date: 08/05/2011 17:42

Instrument ID: MSS_K Calib Start Date: 08/05/2011 15:11

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 17:20

Lab File ID: K1563.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methanesulfonate	Ave	1.041	1.091		105	100	4.8	50.0
N-Nitrosopyrrolidine	Ave	0.6746	0.6663		98.8	100	-1.2	20.0
o,o',o''-Triethylphosphorothioate	Ave	0.1860	0.1849		99.4	100	-0.6	35.0
2,6-Dichlorophenol	Ave	0.2984	0.2812		94.3	100	-5.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.3795	0.3737		98.5	100	-1.5	35.0
1,1'-Biphenyl	Ave	1.386	1.322		95.4	100	-4.6	35.0
2,3,4,6-Tetrachlorophenol	Ave	0.3647	0.3590		98.4	100	-1.6	35.0
Thionazin	Ave	0.2602	0.2643		102	100	1.6	35.0
Sulfotepp	Ave	0.1058	0.0875		82.7	100	-17.3	35.0
Dimethoate	Qua	0.2031	0.2124		138	100	38.2*	35.0
Pentachloronitrobenzene	Ave	0.0893	0.0874		97.9	100	-2.2	50.0
Disulfoton	Ave	0.3079	0.2810		91.3	100	-8.7	35.0
Methyl parathion	Qua	0.1598	0.1992		145	100	44.8*	35.0
Ethyl Parathion	Ave	0.1290	0.1373		106	100	6.4	35.0
p-Dimethylamino azobenzene	Ave	0.2398	0.2275		94.9	100	-5.1	50.0
7,12-Dimethylbenz(a)anthracene	Ave	0.5391	0.4955		91.9	100	-8.1	50.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1563.D
Lab Smp Id: ICV-909141 Client Smp ID: MS-AP9SSV1_00017
Inj Date : 05-AUG-2011 17:42
Operator : KIEKELD Inst ID: K.i
Smp Info : ICV-909141,,MS-AP9SSV1_00017
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\8270C.m
Meth Date : 09-Aug-2011 09:19 K.i Quant Type: ISTD
Cal Date : 05-AUG-2011 17:20 Cal File: K1562.D
Als bottle: 28 QC Sample: SSV
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: AP9SSV1.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 26 1,4-Dichlorobenzene-d4	152	4.552	4.552	(1.000)	153615	40.0000	
* 58 Naphthalene-d8	136	5.768	5.768	(1.000)	596516	40.0000	
* 96 Acenaphthene-d10	164	7.502	7.501	(1.000)	340379	40.0000	
* 135 Phenanthrene-d10	188	8.882	8.882	(1.000)	589323	40.0000	
* 166 Chrysene-d12	240	11.174	11.174	(1.000)	673233	40.0000	
* 179 Perylene-d12	264	12.461	12.455	(1.000)	682152	40.0000	
9 2-Picoline	93	2.960	2.960	(0.650)	499074	89.9498	89.9498
10 N-Nitrosomethylethylamine	88	3.042	3.042	(0.668)	242941	94.9427	94.9426
11 Methyl methanesulfonate	80	3.283	3.283	(0.721)	244126	193.453	193.452(R)
12 N-Nitrosodiethylamine	102	3.612	3.612	(0.793)	262018	101.692	101.692
13 Ethyl methanesulfonate	79	3.853	3.859	(0.846)	419058	104.826	104.826
24 Pentachloroethane	117	4.305	4.305	(0.946)	183832	92.4603	92.4603
39 N-Nitrosopyrrolidine	100	4.928	4.934	(1.083)	255897	98.7727	98.7727(Q)
40 N-Nitrosomorpholine	116	4.957	4.963	(1.089)	92470	97.6084	97.6084
42 o-Toluidine	106	4.957	4.969	(1.089)	784739	99.3857	99.3857
46 N-Nitrosopiperidine	114	5.245	5.251	(0.909)	261795	100.494	100.494
51 O,O,O-Triethyl phosphorothio	198	5.451	5.451	(0.945)	275680	99.3662	99.3662
55 a,a-Dimethylphenethylamine	58	Compound Not Detected.					
61 2,6-Dichlorophenol	162	5.839	5.844	(1.012)	419406	94.2583	94.2583
63 Hexachloropropene	213	5.862	5.862	(1.016)	395436	103.980	103.980
64 N-Nitrosodi-n-butylamine	84	6.133	6.138	(1.063)	323758	98.1150	98.1150
66 p-Phenylenediamine	108	6.203	6.197	(1.075)	443987	83.2542	83.2542

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
70	Safrole	162	6.362	6.367	(1.103)	390060	93.7267	93.7267
75	1,2,4,5-Tetrachlorobenzene	216	6.632	6.632	(1.150)	557247	98.4521	98.4521
76	Isosafrole (#1)	162	6.655	6.655	(0.887)	73758	16.4062	16.4062
84	Isosafrole (#2)	104	6.885	6.884	(0.918)	183681	84.0985	84.0985
85	Biphenyl	154	6.926	6.931	(0.923)	1125172	95.4310	95.4310
87	1-Chloronaphthalene	162	6.984	6.990	(0.931)	866456	88.7087	88.7087
89	1,4-Naphthoquinone	158	7.143	7.137	(0.952)	336307	176.677	176.677(R)
90	1,4-Dinitrobenzene	168	7.202	7.202	(0.960)	151721	108.616	108.616
92	1,3-Dinitrobenzene	168	7.278	7.278	(0.970)	180459	108.867	108.867
100	Pentachlorobenzene	250	7.654	7.654	(1.020)	490015	99.6718	99.6718
103	1-Naphthylamine	143	7.784	7.789	(1.038)	918990	98.2162	98.2162
104	2,3,4,6-Tetrachlorophenol	232	7.813	7.813	(1.042)	305520	98.4427	98.4427
106	2-Naphthylamine	143	7.860	7.860	(1.048)	944022	98.1508	98.1508
108	Thionazin	97	7.954	7.960	(1.060)	224904	101.568	101.568
111	5-Nitro-o-toluidine	152	8.042	8.054	(1.072)	328455	107.176	107.176
114	Diphenylamine	169	8.118	8.118	(1.082)	921654	96.1471	96.1471
117	Sulfotepp	97	8.212	8.218	(0.925)	128901	82.6960	82.6960
119	Diallate (#1)	86	8.353	8.353	(0.940)	324221	71.1321	71.1321
122	Phenacetin	108	8.400	8.412	(0.946)	475177	97.9982	97.9982
123	Diallate (#2)	86	8.436	8.436	(0.950)	72170	27.8280	27.8280
126	Dimethoate	87	8.553	8.553	(0.963)	312913	138.237	138.237
130	4-Aminobiphenyl	169	8.700	8.706	(0.979)	1098281	93.9942	93.9942
131	Pentachloronitrobenzene	237	8.712	8.712	(0.981)	128715	97.8509	97.8509
133	Disulfoton	88	8.829	8.835	(0.994)	413976	91.2660	91.2660
134	2-secbutyl-4,6-dinitropheno	211	8.841	8.847	(0.995)	296967	115.735	115.735
142	Methyl parathion	109	9.176	9.182	(1.033)	293513	144.782	144.782
145	Parathion	109	9.505	9.505	(1.070)	202243	106.427	106.427
146	4-Nitroquinoline-1-oxide	190	9.599	9.599	(1.081)	191733	120.125	120.125
147	Methapyrilene	97	9.611	9.611	(1.082)	361447	157.440	157.440(R)
148	Isodrin	193	9.805	9.805	(1.104)	183705	102.301	102.301
156	p-Dimethylaminoazobenzene	120	10.357	10.363	(0.927)	382837	94.8667	94.8667
157	Chlorobenzilate	251	10.375	10.380	(0.928)	520975	101.786	101.786
160	3,3'-Dimethylbenzidine	212	10.657	10.657	(0.954)	1077559	105.008	105.008
161	2-Acetylaminofluorene	181	10.880	10.892	(0.974)	748108	107.657	107.656
M 173	Total Isosafrole	162				257439	100.505	100.505
M 174	Total Diallate	86				396391	98.9602	98.9602
176	7,12-Dimethylbenz(a)anthrac	256	12.061	12.061	(0.968)	845013	91.9131	91.9131
181	3-Methylcholanthrene	268	12.737	12.742	(1.022)	994940	98.3280	98.3280
184	Dibenz(a,j)acridine	279	13.442	13.453	(1.079)	1463336	97.5784	97.5784

QC Flag Legend

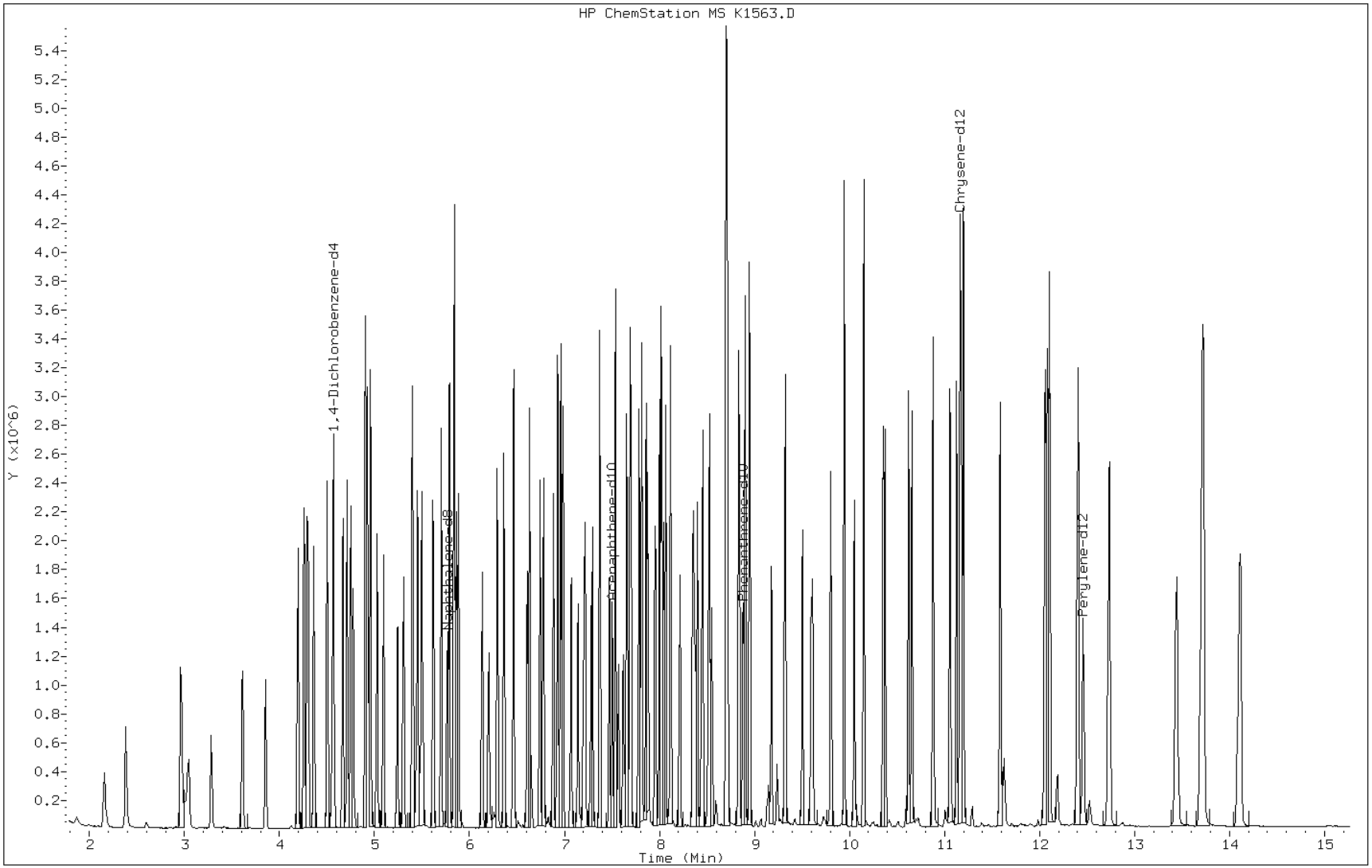
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: K1563.D

Date: 05-AUG-2011 17:42

Client ID: MS-AP9SSV1_00017 Instrument: K.i

Sample Info: ICV-909141,,MS-AP9SSV1_00017 Operator: KIEKELD



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87309/2 Calibration Date: 09/21/2011 14:48

Instrument ID: MSS_K Calib Start Date: 08/05/2011 15:11

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 17:20

Lab File ID: K1776.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methanesulfonate	Ave	1.041	1.022		78.6	80.0	-1.8	50.0
N-Nitrosopyrrolidine	Ave	0.6746	0.6557		77.8	80.0	-2.8	20.0
o,o',o''-Triethylphosphorothioate	Ave	0.1860	0.1804		77.6	80.0	-3.0	35.0
2,6-Dichlorophenol	Ave	0.2984	0.2921		78.3	80.0	-2.1	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.3795	0.3713		78.3	80.0	-2.2	35.0
1,1'-Biphenyl	Ave	1.386	1.337		77.2	80.0	-3.5	35.0
2,3,4,6-Tetrachlorophenol	Ave	0.3647	0.3663		80.3	80.0	0.4	35.0
Thionazin	Ave	0.2602	0.2521		77.5	80.0	-3.1	35.0
Sulfotepp	Ave	0.1058	0.1049		79.3	80.0	-0.9	35.0
Phorate	Ave	0.1205	0.1190		79.0	80.0	-1.3	35.0
Dimethoate	Qua	0.2031	0.2222		104	80.0	29.4	35.0
Pentachloronitrobenzene	Ave	0.0893	0.0901		80.7	80.0	0.9	50.0
Disulfoton	Ave	0.3079	0.3000		78.0	80.0	-2.6	35.0
Methyl parathion	Qua	0.1598	0.2069		106	80.0	32.9	35.0
Ethyl Parathion	Ave	0.1290	0.1367		84.8	80.0	6.0	35.0
p-Dimethylamino azobenzene	Ave	0.2398	0.2391		79.8	80.0	-0.3	50.0
7,12-Dimethylbenz(a)anthracene	Ave	0.5391	0.5275		78.3	80.0	-2.2	50.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1776.D
Lab Smp Id: CCV-978535 Client Smp ID: MS-AP9080_00016
Inj Date : 21-SEP-2011 14:48
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-978535,,MS-AP9080_00016
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 21-Sep-2011 15:17 K.i Quant Type: ISTD
Cal Date : 31-AUG-2011 13:33 Cal File: K1649.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	214449	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	799688	40.0000	
* 96 Acenaphthene-d10	164	7.489	7.489	(1.000)	458634	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	775708	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	913325	40.0000	
* 179 Perylene-d12	264	12.442	12.442	(1.000)	901199	40.0000	
9 2-Picoline	93	2.895	2.895	(0.639)	614486	80.0000	79.3335
10 N-Nitrosomethylethylamine	88	2.983	2.983	(0.659)	287300	80.0000	80.4277
11 Methyl methanesulfonate	80	3.230	3.230	(0.713)	127320	80.0000	72.2714
12 N-Nitrosodiethylamine	102	3.564	3.564	(0.787)	284076	80.0000	78.9766
13 Ethyl methanesulfonate	79	3.817	3.817	(0.843)	438402	80.0000	78.5555
24 Pentachloroethane	117	4.275	4.275	(0.944)	215361	80.0000	77.5909
39 N-Nitrosopyrrolidine	100	4.904	4.904	(1.083)	281238	80.0000	77.7598
40 N-Nitrosomorpholine	116	4.933	4.933	(1.090)	106142	80.0000	80.2570
42 o-Toluidine	106	4.939	4.939	(1.091)	853407	80.0000	77.4220
46 N-Nitrosopiperidine	114	5.227	5.227	(0.909)	274846	80.0000	78.6991
51 O,O,O-Triethyl phosphorothio	198	5.439	5.439	(0.946)	288545	80.0000	77.5798
55 a,a-Dimethylphenethylamine	58	5.568	5.568	(0.968)	1519697	80.0000	84.1729(M)
61 2,6-Dichlorophenol	162	5.827	5.827	(1.013)	467096	80.0000	78.3055
63 Hexachloropropene	213	5.850	5.850	(1.017)	389365	80.0000	76.3718
64 N-Nitrosodi-n-butylamine	84	6.120	6.120	(1.064)	350049	80.0000	79.1307
66 p-Phenylenediamine	108	6.179	6.179	(1.075)	540829	80.0000	75.6480

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.350	6.350	(1.104)	436318	80.0000	78.2054
75	1,2,4,5-Tetrachlorobenzene	216	6.620	6.620	(1.151)	593774	80.0000	78.2528
76	Isosafrole (#1)	162	6.643	6.643	(0.887)	84610	14.0000	13.9674
84	Isosafrole (#2)	104	6.867	6.867	(0.917)	186853	66.0000	63.4923
85	Biphenyl	154	6.914	6.914	(0.923)	1226681	80.0000	77.2144
87	1-Chloronaphthalene	162	6.972	6.972	(0.931)	1011205	80.0000	76.8343
89	1,4-Naphthoquinone	158	7.125	7.125	(0.951)	177963	80.0000	69.3858
90	1,4-Dinitrobenzene	168	7.190	7.190	(0.960)	174386	80.0000	92.6521
92	1,3-Dinitrobenzene	168	7.260	7.260	(0.969)	189729	80.0000	84.9470
100	Pentachlorobenzene	250	7.642	7.642	(1.020)	517360	80.0000	78.1002
103	1-Naphthylamine	143	7.771	7.771	(1.038)	992783	80.0000	78.7450
104	2,3,4,6-Tetrachlorophenol	232	7.801	7.801	(1.042)	335946	80.0000	80.3359
106	2-Naphthylamine	143	7.842	7.842	(1.047)	1008387	80.0000	77.8100
108	Thionazin	97	7.942	7.942	(1.060)	231195	80.0000	77.4878
111	5-Nitro-o-toluidine	152	8.030	8.030	(1.072)	342948	80.0000	83.0511
114	Diphenylamine	169	8.100	8.100	(1.082)	1027222	80.0000	79.5297
117	Sulfotepp	97	8.200	8.200	(0.925)	162733	80.0000	79.3157
119	Diallate (#1)	86	8.335	8.335	(0.940)	349346	57.8000	58.2285
120	1,3,5-Trinitrobenzene	213	8.353	8.353	(0.942)	134456	80.0000	97.0600
121	Phorate	121	8.353	8.353	(0.942)	184583	80.0000	78.9602
122	Phenacetin	108	8.382	8.382	(0.946)	508049	80.0000	79.6019
123	Diallate (#2)	86	8.424	8.424	(0.950)	75683	22.6000	22.1707
126	Dimethoate	87	8.535	8.535	(0.963)	344705	80.0000	103.525
130	4-Aminobiphenyl	169	8.688	8.688	(0.980)	1224871	80.0000	79.6404
131	Pentachloronitrobenzene	237	8.694	8.694	(0.981)	139775	80.0000	80.7272
132	Pronamide	173	8.706	8.706	(0.982)	461080	80.0000	78.7256
133	Disulfoton	88	8.817	8.817	(0.995)	465427	80.0000	77.9543
134	2-secbutyl-4,6-dinitropheno	211	8.829	8.829	(0.996)	318300	80.0000	94.2426
142	Methyl parathion	109	9.164	9.164	(1.034)	320941	80.0000	106.344
145	Parathion	109	9.493	9.493	(1.071)	212060	80.0000	84.7796
146	4-Nitroquinoline-1-oxide	190	9.581	9.581	(1.081)	155221	80.0000	73.8825
147	Methapyrilene	97	9.587	9.587	(1.082)	298469	80.0000	88.8294
148	Isodrin	193	9.793	9.793	(1.105)	185043	80.0000	78.2867
153	Aramite (#1)	185	10.169	10.169	(0.911)	70371	36.0000	37.1449
155	Aramite (#2)	185	10.233	10.233	(0.917)	142466	43.2000	44.4994
156	p-Dimethylaminoazobenzene	120	10.345	10.345	(0.927)	436691	80.0000	79.7653
157	Chlorobenzilate	251	10.363	10.363	(0.928)	554228	80.0000	79.8175
160	3,3'-Dimethylbenzidine	212	10.645	10.645	(0.954)	1115302	80.0000	80.1147
161	2-Acetylaminofluorene	181	10.868	10.868	(0.974)	785735	80.0000	83.3475
M 173	Total Isosafrole	162				271463	80.0000	77.4597
M 174	Total Diallate	86				425029	80.0000	80.3992
M 175	Total Aramite	185				212837	80.0000	81.6443
176	7,12-Dimethylbenz(a)anthrac	256	12.043	12.043	(0.968)	950680	80.0000	78.2724
181	3-Methylcholanthrene	268	12.713	12.713	(1.022)	1075601	80.0000	80.4622
184	Dibenz(a,j)acridine	279	13.418	13.418	(1.078)	1625751	80.0000	82.0586

QC Flag Legend

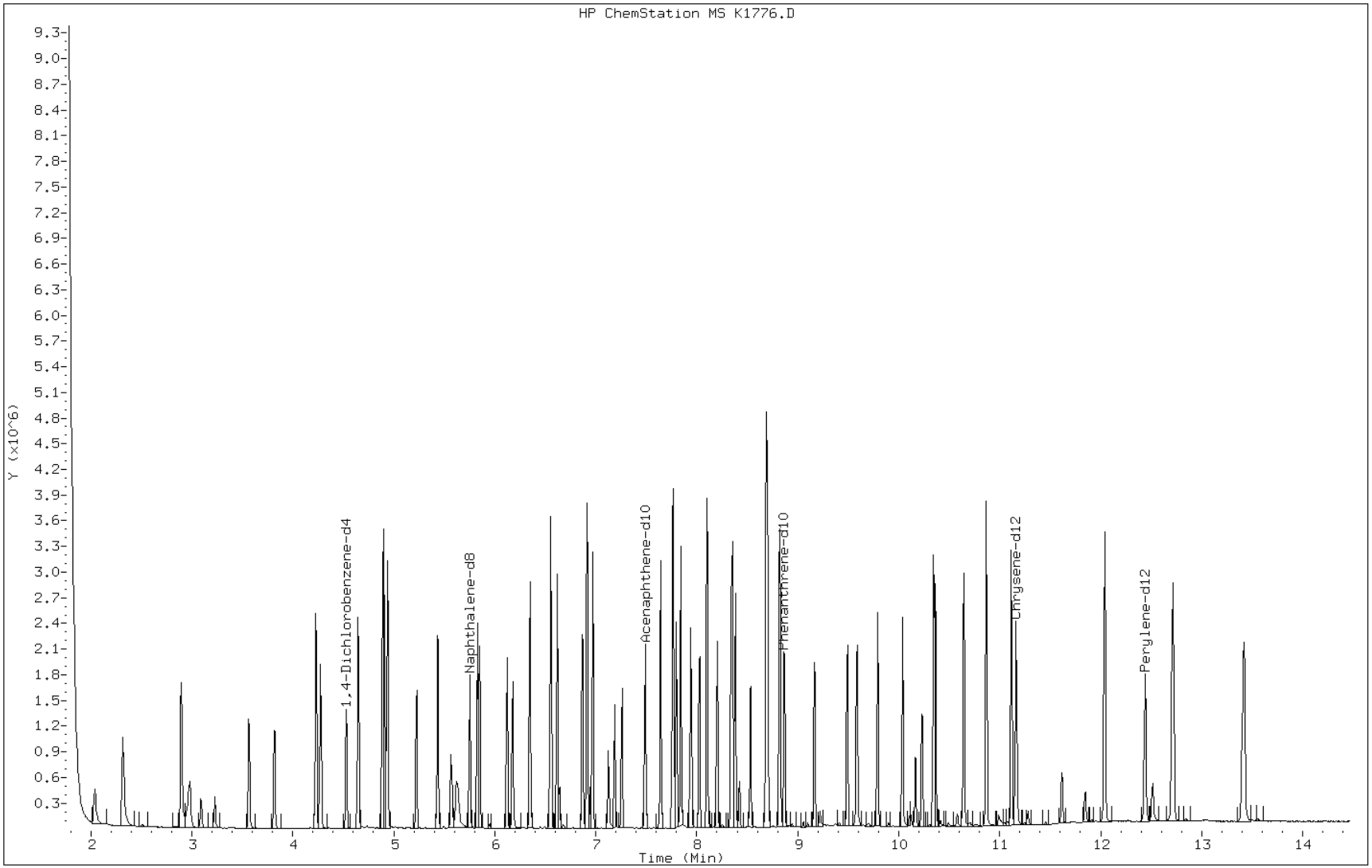
M - Compound response manually integrated.

Data File: K1776.D

Date: 21-SEP-2011 14:48

Client ID: MS-AP9080_00016 Instrument: K.i

Sample Info: CCV-978535,,MS-AP9080_00016 Operator: KIEKELD



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87309/3 Calibration Date: 09/21/2011 15:08

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6022	0.6184		82.2	80.0	2.7	35.0
N-Nitrosodimethylamine	Ave	0.9337	0.9744		83.5	80.0	4.4	20.0
Pyridine	Ave	1.681	1.701		81.0	80.0	1.2	35.0
Phenol	Ave	1.704	1.712		80.4	80.0	0.5	20.0
Aniline	Ave	2.113	2.202		83.4	80.0	4.2	35.0
Bis(2-chloroethyl)ether	Ave	1.230	1.292		84.1	80.0	5.1	20.0
2-Chlorophenol	Ave	1.389	1.408		81.1	80.0	1.4	20.0
1,3-Dichlorobenzene	Ave	1.655	1.642		79.4	80.0	-0.8	20.0
1,4-Dichlorobenzene	Ave	1.657	1.666		80.5	80.0	0.6	20.0
Benzyl alcohol	Ave	0.9138	0.9247		81.0	80.0	1.2	20.0
1,2-Dichlorobenzene	Ave	1.535	1.545		80.5	80.0	0.6	20.0
2-Methylphenol	Ave	1.285	1.300		80.9	80.0	1.2	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.997	2.130		0.00100	80.0	6.7	20.0
3 & 4 Methylphenol	Ave	1.348	1.300		77.2	80.0	-3.6	20.0
4-Methylphenol	Ave	1.348	1.300		77.2	80.0	-3.6	35.0
N-Nitrosodi-n-propylamine	Ave	0.9255	0.9611	0.0500	83.1	80.0	3.8	20.0
Acetophenone	Ave	1.796	1.861		82.9	80.0	3.6	35.0
Hexachloroethane	Ave	0.6079	0.6181		81.3	80.0	1.7	20.0
Nitrobenzene	Ave	0.3595	0.3799		84.5	80.0	5.7	20.0
Isophorone	Ave	0.6267	0.6467		82.6	80.0	3.2	20.0
2-Nitrophenol	Ave	0.1800	0.2021		89.8	80.0	12.3	20.0
2,4-Dimethylphenol	Ave	0.3316	0.3384		81.6	80.0	2.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3902	0.3980		81.6	80.0	2.0	20.0
Benzoic acid	Ave	0.1961	0.2051		83.7	80.0	4.6	20.0
2,4-Dichlorophenol	Ave	0.3131	0.3180		81.2	80.0	1.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3676	0.3519		76.6	80.0	-4.3	20.0
Naphthalene	Ave	0.9909	0.9948		80.3	80.0	0.4	20.0
4-Chloroaniline	Ave	0.4298	0.4388		81.7	80.0	2.1	20.0
Hexachlorobutadiene	Ave	0.2152	0.2130		79.2	80.0	-1.0	20.0
Caprolactam	Ave	0.1580	0.1840		93.2	80.0	16.5	35.0
4-Chloro-3-methylphenol	Ave	0.2962	0.3026		81.7	80.0	2.2	20.0
2-Methylnaphthalene	Ave	0.6709	0.6803		81.1	80.0	1.4	20.0
1-Methylnaphthalene	Ave	0.6423	0.6384		79.5	80.0	-0.6	35.0
Hexachlorocyclopentadiene	Ave	0.4259	0.4163		78.2	80.0	-2.3	35.0
2,4,6-Trichlorophenol	Ave	0.4097	0.4203		82.1	80.0	2.6	20.0
2,4,5-Trichlorophenol	Ave	0.4547	0.4594		80.8	80.0	1.0	20.0
2-Chloronaphthalene	Ave	1.142	1.122		78.6	80.0	-1.7	20.0
2-Nitroaniline	Ave	0.3307	0.3563		86.2	80.0	7.7	20.0
Dimethyl phthalate	Ave	1.232	1.204		78.2	80.0	-2.2	20.0
2,6-Dinitrotoluene	Ave	0.2849	0.3029		85.1	80.0	6.3	20.0
Acenaphthylene	Ave	1.708	1.711		80.1	80.0	0.2	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87309/3 Calibration Date: 09/21/2011 15:08

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3-Nitroaniline	Ave	0.3136	0.3321		84.7	80.0	5.9	20.0
Acenaphthene	Ave	1.102	1.090		79.1	80.0	-1.1	20.0
2,4-Dinitrophenol	Ave	0.1736	0.2060	0.0500	94.9	80.0	18.7	20.0
4-Nitrophenol	Ave	0.1756	0.1783	0.0500	81.2	80.0	1.6	20.0
2,4-Dinitrotoluene	Ave	0.3412	0.3822		89.6	80.0	12.0	20.0
Dibenzofuran	Ave	1.522	1.490		78.3	80.0	-2.1	20.0
Diethyl phthalate	Ave	1.170	1.143		78.2	80.0	-2.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6625	0.6638		80.2	80.0	0.2	20.0
Fluorene	Ave	1.279	1.281		80.1	80.0	0.1	20.0
4-Nitroaniline	Ave	0.3046	0.3243		85.2	80.0	6.5	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1375	0.1568		91.2	80.0	14.0	20.0
N-Nitrosodiphenylamine	Ave	0.6543	0.6427		78.6	80.0	-1.8	20.0
1,2-Diphenylhydrazine	Ave	1.210	1.189		79.5	80.9	-1.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2460	0.2414		78.5	80.0	-1.9	20.0
Hexachlorobenzene	Ave	0.2668	0.2636		79.0	80.0	-1.2	20.0
Atrazine	Ave	0.2046	0.2060		80.6	80.0	0.7	35.0
Pentachlorophenol	Ave	0.1829	0.1798		78.6	80.0	-1.7	20.0
Phenanthrene	Ave	1.071	1.046		78.1	80.0	-2.3	20.0
Anthracene	Ave	1.091	1.078		79.1	80.0	-1.2	20.0
Carbazole	Ave	1.003	0.9805		78.2	80.0	-2.3	20.0
Di-n-butyl phthalate	Ave	1.093	1.091		79.8	80.0	-0.2	20.0
Fluoranthene	Ave	1.239	1.237		79.8	80.0	-0.2	20.0
Benzidine	Ave	0.5394	0.6096		90.4	80.0	13.0	20.0
Pyrene	Ave	1.118	1.101		78.8	80.0	-1.5	20.0
Famphur	Ave	0.3497	0.3472		79.4	80.0	-0.7	35.0
Butyl benzyl phthalate	Ave	0.4076	0.3948		77.5	80.0	-3.1	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.5698	0.5745		80.7	80.0	0.8	20.0
3,3'-Dichlorobenzidine	Ave	0.4106	0.4190		81.6	80.0	2.0	20.0
Benzo[a]anthracene	Ave	1.104	1.078		78.1	80.0	-2.4	20.0
Chrysene	Ave	1.069	1.038		77.6	80.0	-3.0	20.0
Di-n-octyl phthalate	Ave	0.9550	1.003		84.1	80.0	5.1	20.0
Benzo[b]fluoranthene	Ave	1.147	1.223		85.3	80.0	6.6	20.0
Benzo[k]fluoranthene	Ave	1.254	1.067		68.1	80.0	-14.9	20.0
Benzo[a]pyrene	Ave	1.073	1.043		77.8	80.0	-2.8	20.0
Dibenz(a,h)anthracene	Ave	0.9886	0.996		80.6	80.0	0.7	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.236	1.292		83.6	80.0	4.6	20.0
Benzo[g,h,i]perylene	Ave	1.060	1.076		81.3	80.0	1.6	20.0
2-Fluorophenol (Surr)	Ave	1.358	1.413		125	120	4.0	20.0
Phenol-d5 (Surr)	Ave	1.634	1.715		126	120	4.9	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3675	0.3997		87.0	80.0	8.8	20.0
2-Fluorobiphenyl	Ave	1.302	1.314		80.7	80.0	0.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87309/3 Calibration Date: 09/21/2011 15:08

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1777.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Tribromophenol (Surr)	Ave	0.2277	0.2434		128	120	6.9	20.0
Terphenyl-d14 (Surr)	Ave	0.7675	0.7542		78.6	80.0	-1.7	20.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1777.D
Lab Smp Id: CCV-978533 Client Smp ID: MS-HSL080_00031
Inj Date : 21-SEP-2011 15:08
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-978533,,MS-HSL080_00031
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 21-Sep-2011 15:30 K.i Quant Type: ISTD
Cal Date : 31-AUG-2011 13:33 Cal File: K1649.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
*	26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	197806	40.0000	
*	58 Naphthalene-d8	136	5.756	5.756	(1.000)	763351	40.0000	
*	96 Acenaphthene-d10	164	7.495	7.495	(1.000)	451320	40.0000	
*	135 Phenanthrene-d10	188	8.870	8.870	(1.000)	788941	40.0000	
*	166 Chrysene-d12	240	11.168	11.168	(1.000)	930580	40.0000	
*	179 Perylene-d12	264	12.443	12.443	(1.000)	973071	40.0000	
$	22 2-Chlorophenol-d4	132	4.328	4.328	(0.956)	816113	120.000	125.832
$	29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.034)	403202	80.0000	83.5760
$	8 2-Fluorophenol	112	3.353	3.353	(0.741)	838586	120.000	124.838
$	15 Phenol-d5	99	4.164	4.164	(0.920)	1017457	120.000	125.935
$	43 Nitrobenzene-d5	82	5.063	5.063	(0.880)	610244	80.0000	87.0019
$	81 2-Fluorobiphenyl	172	6.808	6.808	(0.908)	1185616	80.0000	80.7250
$	118 2,4,6-Tribromophenol	330	8.241	8.241	(1.100)	329486	120.000	128.223
$	154 Terphenyl-d14	244	10.227	10.227	(0.916)	1403762	80.0000	78.6157
	4 1,4-Dioxane	88	2.043	2.043	(0.451)	244656	80.0000	82.1528
	5 N-Nitrosodimethylamine	74	2.284	2.284	(0.504)	385490	80.0000	83.4855
	6 Pyridine	79	2.319	2.319	(0.512)	673067	80.0000	80.9502
	16 Phenol	94	4.181	4.181	(0.923)	677129	80.0000	80.3650
	18 Aniline	93	4.234	4.234	(0.935)	871010	80.0000	83.3753
	19 Methyl Styrene	118	4.258	4.258	(0.940)	568640	80.0000	84.0127
	20 Bis(2-chloroethyl) ether	93	4.270	4.270	(0.943)	511302	80.0000	84.0896
	21 Decane	43	4.322	4.322	(0.955)	542868	80.0000	84.9140

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.340	4.340	(0.958)	557037	80.0000	81.1168
25	1,3-Dichlorobenzene	146	4.481	4.481	(0.990)	649728	80.0000	79.3726
27	1,4-Dichlorobenzene	146	4.546	4.546	(1.004)	659258	80.0000	80.4763
28	Benzyl alcohol	108	4.651	4.651	(1.027)	365813	80.0000	80.9529
30	1,2-Dichlorobenzene	146	4.693	4.693	(1.036)	611162	80.0000	80.5011
32	2-Methylphenol	108	4.740	4.740	(1.047)	514347	80.0000	80.9478
34	2,2'-oxybis(1-chloropropane)	45	4.757	4.757	(1.051)	842653	80.0000	85.3483(Q)
35	1H-Indene	116	4.775	4.775	(1.054)	840493	80.0000	82.5023
138	3-Methylphenol	108	4.887	4.887	(1.079)	514434	80.0000	77.1550
36	4-Methylphenol	108	4.887	4.887	(1.079)	514434	80.0000	77.1550
139	3 & 4-Methylphenol	108	4.887	4.887	(1.079)	514434	80.0000	77.1550
37	N-nitrosodi-n-propylamine	70	4.892	4.892	(1.080)	380221	80.0000	83.0786
38	Acetophenone	105	4.904	4.904	(1.083)	736161	80.0000	82.8708
41	Hexachloroethane	117	5.010	5.010	(1.106)	244520	80.0000	81.3380
44	Nitrobenzene	77	5.080	5.080	(0.883)	579946	80.0000	84.5422
47	Isophorone	82	5.292	5.292	(0.919)	987272	80.0000	82.5541
50	2,4-Dimethylphenol	107	5.392	5.392	(0.937)	516642	80.0000	81.6498
49	2-Nitrophenol	139	5.380	5.380	(0.935)	308487	80.0000	89.8166
53	Benzoic acid	122	5.498	5.498	(0.955)	313053	80.0000	83.6684
52	Bis(2-chloroethoxy)methane	93	5.486	5.486	(0.953)	607667	80.0000	81.5951
54	2,4-Dichlorophenol	162	5.609	5.609	(0.974)	485418	80.0000	81.2407
56	n-Dodecane	43	5.674	5.674	(0.757)	565848	80.0000	81.0545
57	1,2,4-Trichlorobenzene	180	5.691	5.691	(0.989)	537218	80.0000	76.5750
59	Naphthalene	128	5.780	5.780	(1.004)	1518748	80.0000	80.3144
60	4-Chloroaniline	127	5.827	5.827	(1.012)	669931	80.0000	81.6697
62	Hexachlorobutadiene	225	5.874	5.874	(1.020)	325218	80.0000	79.1825
67	Caprolactam	55	6.191	6.191	(1.076)	280906	80.0000	93.1820
68	4-Chloro-3-methylphenol	107	6.291	6.291	(1.093)	461974	80.0000	81.7278
71	2-Methylnaphthalene	142	6.455	6.455	(1.121)	1038603	80.0000	81.1186
72	1-Methylnaphthalene	142	6.555	6.555	(1.139)	974683	80.0000	79.5133
74	Hexachlorocyclopentadiene	237	6.596	6.596	(0.880)	375779	80.0000	78.1904
78	2,4,6-Trichlorophenol	196	6.731	6.731	(0.898)	379355	80.0000	82.0565
79	2,3-Dichlorobenzeneamine	161	6.743	6.743	(0.900)	567071	80.0000	81.0263
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.904)	414646	80.0000	80.8217
83	Tetradecane	43	6.843	6.843	(0.913)	557764	80.0000	80.5591
86	2-Chloronaphthalene	162	6.949	6.949	(0.927)	1012621	80.0000	78.6130
88	2-Nitroaniline	65	7.055	7.055	(0.941)	321595	80.0000	86.1840
91	Dimethyl phthalate	163	7.207	7.207	(0.962)	1086950	80.0000	78.2250
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.972)	273447	80.0000	85.0518
94	Acenaphthylene	152	7.360	7.360	(0.982)	1544266	80.0000	80.1395
95	3-Nitroaniline	138	7.460	7.460	(0.995)	299727	80.0000	84.6971
97	Acenaphthene	153	7.525	7.525	(1.004)	983841	80.0000	79.1270
98	2,4-Dinitrophenol	184	7.554	7.554	(1.008)	185957	80.0000	94.9328
99	4-Nitrophenol	109	7.607	7.607	(1.015)	160945	80.0000	81.2468
101	2,4-Dinitrotoluene	165	7.672	7.672	(1.024)	345021	80.0000	89.6216
102	Dibenzofuran	168	7.689	7.689	(1.026)	1345110	80.0000	78.3467
105	Hexadecane	57	7.836	7.836	(1.045)	700023	80.0000	83.1672
107	Diethyl phthalate	149	7.865	7.865	(1.049)	1031790	80.0000	78.1540
109	4-Chlorophenyl phenyl ether	204	7.989	7.989	(1.066)	599155	80.0000	80.1548
110	Fluorene	166	8.012	8.012	(1.069)	1156107	80.0000	80.1151
112	4-Nitroaniline	138	8.048	8.048	(1.074)	292764	80.0000	85.1912
113	4,6-Dinitro-2-methylphenol	198	8.053	8.053	(0.908)	247342	80.0000	91.2193
115	N-nitrosodiphenylamine	169	8.106	8.106	(0.914)	1014112	80.0000	78.5838
116	Azobenzene	77	8.142	8.142	(1.086)	1084643	80.0000	78.6090

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.142	8.142	(1.086)	1084643	80.8780	79.4718
242	2,4,6 - Tribromophenol	330	8.241	8.241	(1.100)	329486	120.000	128.223
124	4-Bromophenyl phenyl ether	248	8.441	8.441	(0.952)	380848	80.0000	78.4796
125	Hexachlorobenzene	284	8.512	8.512	(0.960)	415918	80.0000	79.0247
127	Atrazine	200	8.571	8.571	(0.966)	325037	80.0000	80.5594
128	n-Octadecane	85	8.665	8.665	(0.977)	256280	80.0000	79.1038
129	Pentachlorophenol	266	8.688	8.688	(0.979)	283714	80.0000	78.6466
136	Phenanthrene	178	8.888	8.888	(1.002)	1650550	80.0000	78.1362
137	Anthracene	178	8.935	8.935	(1.007)	1700834	80.0000	79.0650
140	Carbazole	167	9.076	9.076	(1.023)	1547056	80.0000	78.1921
141	Alachlor	188	9.152	9.152	(1.032)	224502	80.0000	81.0450
143	Di-n-butyl phthalate	149	9.311	9.311	(1.050)	1720844	80.0000	79.8319
144	n-Eicosane	43	9.393	9.393	(1.253)	504154	80.0000	82.2623
149	Fluoranthene	202	9.934	9.934	(1.120)	1951843	80.0000	79.8500
150	n-docosane	43	10.039	10.039	(1.339)	441452	80.0000	80.2788
151	Benzidine	184	10.039	10.039	(0.899)	1134630	80.0000	90.4171
152	Pyrene	202	10.139	10.139	(0.908)	2049238	80.0000	78.8064
158	Famphur	218	10.586	10.586	(0.948)	646149	80.0000	79.4152
159	Butyl benzyl phthalate	149	10.609	10.609	(0.950)	734723	80.0000	77.4823
162	Bis(2-ethylhexyl) phthalate	149	11.050	11.050	(0.989)	1069310	80.0000	80.6604
164	3 3'-Dichlorobenzidine	252	11.115	11.115	(0.995)	779742	80.0000	81.6201
165	Benzo(a)anthracene	228	11.156	11.156	(0.999)	2006035	80.0000	78.0981
167	Chrysene	228	11.191	11.191	(1.002)	1931449	80.0000	77.6393
168	Di-n-octyl phthalate	149	11.573	11.573	(1.036)	1867314	80.0000	84.0503
171	Benzo(b)fluoranthene	252	12.066	12.066	(0.970)	2379544	80.0000	85.2576(H)
172	Benzo(k)fluoranthene	252	12.090	12.090	(0.972)	2076745	80.0000	68.0777
178	Benzo(a)pyrene	252	12.390	12.390	(0.996)	2028972	80.0000	77.7503
185	Dibenz(a,h)anthracene	278	13.688	13.688	(1.100)	1937891	80.0000	80.5813
186	Indeno(1,2,3-cd)pyrene	276	13.694	13.694	(1.226)	2404352	80.0000	83.6470
188	Benzo(g,h,i)perylene	276	14.082	14.082	(1.132)	2094940	80.0000	81.2797

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: K1777.D

Date: 21-SEP-2011 15:08

Client ID: MS-HSL080_00031 Instrument: K.i

Sample Info: CCV-978533,,MS-HSL080_00031 Operator: KIEKELD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87309/4 Calibration Date: 09/21/2011 15:28

Instrument ID: MSS_K Calib Start Date: 08/04/2011 11:05

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/04/2011 13:13

Lab File ID: K1778.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.9199	0.9732		84.6	80.0	5.8	35.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1778.D
Lab Smp Id: CCV-990565 Client Smp ID: MS-BZHD080_00008
Inj Date : 21-SEP-2011 15:28
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-990565,,MS-BZHD080_00008
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 21-Sep-2011 16:42 K.i Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	212531	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	796314	40.0000	
* 96 Acenaphthene-d10	164	7.489	7.489	(1.000)	471631	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	797045	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	921704	40.0000	
* 179 Perylene-d12	264	12.437	12.437	(1.000)	920174	40.0000	
14 Benzaldehyde	106	4.140	4.140	(0.914)	413669	80.0000	84.6381

Data File: K1778.D

Date: 21-SEP-2011 15:28

Client ID: MS-BZHD080_00008 Instrument: K.i

Sample Info: CCV-990565,,MS-BZHD080_00008 Operator: KIEKELD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87836/2 Calibration Date: 09/22/2011 15:50

Instrument ID: MSS_K Calib Start Date: 08/05/2011 15:11

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 17:20

Lab File ID: K1833.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethyl methanesulfonate	Ave	1.041	1.047		80.5	80.0	0.6	50.0
N-Nitrosopyrrolidine	Ave	0.6746	0.6693		79.4	80.0	-0.8	20.0
o,o',o''-Triethylphosphorothioate	Ave	0.1860	0.1837		79.0	80.0	-1.3	35.0
2,6-Dichlorophenol	Ave	0.2984	0.3021		81.0	80.0	1.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.3795	0.3719		78.4	80.0	-2.0	35.0
1,1'-Biphenyl	Ave	1.386	1.346		77.7	80.0	-2.8	35.0
2,3,4,6-Tetrachlorophenol	Ave	0.3647	0.3639		79.8	80.0	-0.2	35.0
Thionazin	Ave	0.2602	0.2518		77.4	80.0	-3.3	35.0
Sulfotepp	Ave	0.1058	0.1037		78.4	80.0	-2.0	35.0
Phorate	Ave	0.1205	0.1174		77.9	80.0	-2.6	35.0
Dimethoate	Qua	0.2031	0.2311		110	80.0	37.8*	35.0
Pentachloronitrobenzene	Ave	0.0893	0.0880		78.8	80.0	-1.4	50.0
Disulfoton	Ave	0.3079	0.2986		77.6	80.0	-3.0	35.0
Methyl parathion	Qua	0.1598	0.2107		110	80.0	36.9*	35.0
Ethyl Parathion	Ave	0.1290	0.1358		84.2	80.0	5.3	35.0
p-Dimethylamino azobenzene	Ave	0.2398	0.2385		79.6	80.0	-0.5	50.0
7,12-Dimethylbenz(a)anthracene	Ave	0.5391	0.5258		78.0	80.0	-2.5	50.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1833.D
Lab Smp Id: CCV-978535 Client Smp ID: MS-AP9080_00016
Inj Date : 22-SEP-2011 15:50
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-978535,,MS-AP9080_00016
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\8270C.m
Meth Date : 22-Sep-2011 16:14 K.i Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-AP9std.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	184697	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	704462	40.0000	
* 96 Acenaphthene-d10	164	7.489	7.489	(1.000)	410699	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	700252	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	817831	40.0000	
* 179 Perylene-d12	264	12.443	12.443	(1.000)	826835	40.0000	
9 2-Picoline	93	2.883	2.883	(0.637)	545029	80.0000	81.7012
10 N-Nitrosomethylethylamine	88	2.971	2.971	(0.656)	251035	80.0000	81.5960
11 Methyl methanesulfonate	80	3.218	3.218	(0.711)	107697	80.0000	70.9803
12 N-Nitrosodiethylamine	102	3.559	3.559	(0.786)	250688	80.0000	80.9211
13 Ethyl methanesulfonate	79	3.811	3.811	(0.842)	386755	80.0000	80.4644
24 Pentachloroethane	117	4.270	4.270	(0.943)	191944	80.0000	80.2939
39 N-Nitrosopyrrolidine	100	4.898	4.898	(1.082)	247241	80.0000	79.3718
40 N-Nitrosomorpholine	116	4.928	4.928	(1.088)	94341	80.0000	82.8248
42 o-Toluidine	106	4.939	4.939	(1.091)	761537	80.0000	80.2164
46 N-Nitrosopiperidine	114	5.221	5.221	(0.908)	244324	80.0000	79.4162
51 O,O,O-Triethyl phosphorothio	198	5.433	5.433	(0.945)	258801	80.0000	78.9885
55 a,a-Dimethylphenethylamine	58	5.562	5.562	(0.967)	1299822	80.0000	81.7264(M)
61 2,6-Dichlorophenol	162	5.827	5.827	(1.013)	425636	80.0000	81.0005
63 Hexachloropropene	213	5.850	5.850	(1.017)	342200	80.0000	76.1938
64 N-Nitrosodi-n-butylamine	84	6.120	6.120	(1.064)	313814	80.0000	80.5289
66 p-Phenylenediamine	108	6.173	6.173	(1.074)	487255	80.0000	77.3672

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
70	Safrole	162	6.350	6.350	(1.104)	395137	80.0000	80.3978
75	1,2,4,5-Tetrachlorobenzene	216	6.614	6.614	(1.150)	524024	80.0000	78.3958
76	Isosafrole (#1)	162	6.637	6.637	(0.886)	75434	14.0000	13.9060
84	Isosafrole (#2)	104	6.867	6.867	(0.917)	168603	66.0000	63.9777
85	Biphenyl	154	6.914	6.914	(0.923)	1105919	80.0000	77.7379
87	1-Chloronaphthalene	162	6.967	6.967	(0.930)	891105	80.0000	75.6115
89	1,4-Naphthoquinone	158	7.125	7.125	(0.951)	162915	80.0000	70.9324
90	1,4-Dinitrobenzene	168	7.184	7.184	(0.959)	155199	80.0000	92.0821
92	1,3-Dinitrobenzene	168	7.260	7.260	(0.969)	167323	80.0000	83.6589
100	Pentachlorobenzene	250	7.642	7.642	(1.020)	453680	80.0000	76.4807
103	1-Naphthylamine	143	7.766	7.766	(1.037)	896178	80.0000	79.3790
104	2,3,4,6-Tetrachlorophenol	232	7.801	7.801	(1.042)	298868	80.0000	79.8109
106	2-Naphthylamine	143	7.842	7.842	(1.047)	913140	80.0000	78.6843
108	Thionazin	97	7.936	7.936	(1.060)	206788	80.0000	77.3968
111	5-Nitro-o-toluidine	152	8.024	8.024	(1.071)	306995	80.0000	83.0216
114	Diphenylamine	169	8.101	8.101	(1.082)	917767	80.0000	79.3487
117	Sulfotepp	97	8.200	8.200	(0.925)	145228	80.0000	78.4111
119	Diallate (#1)	86	8.336	8.336	(0.940)	311017	57.8000	57.4259
120	1,3,5-Trinitrobenzene	213	8.353	8.353	(0.942)	118379	80.0000	94.7625
121	Phorate	121	8.353	8.353	(0.942)	164480	80.0000	77.9424
122	Phenacetin	108	8.383	8.383	(0.946)	468888	80.0000	81.3825
123	Diallate (#2)	86	8.424	8.424	(0.950)	67634	22.6000	21.9477
126	Dimethoate	87	8.529	8.529	(0.962)	323646	80.0000	110.252
130	4-Aminobiphenyl	169	8.682	8.682	(0.979)	1098082	80.0000	79.0900
131	Pentachloronitrobenzene	237	8.694	8.694	(0.981)	123244	80.0000	78.8498
132	Pronamide	173	8.700	8.700	(0.981)	415335	80.0000	78.5565
133	Disulfoton	88	8.817	8.817	(0.995)	418239	80.0000	77.5992
134	2-secbutyl-4,6-dinitropheno	211	8.823	8.823	(0.995)	268945	80.0000	88.2101
142	Methyl parathion	109	9.164	9.164	(1.034)	295014	80.0000	109.515
145	Parathion	109	9.487	9.487	(1.070)	190174	80.0000	84.2224
146	4-Nitroquinoline-1-oxide	190	9.581	9.581	(1.081)	127086	80.0000	67.0090
147	Methapyrilene	97	9.587	9.587	(1.082)	280545	80.0000	93.3402
148	Isodrin	193	9.787	9.787	(1.104)	162035	80.0000	75.9396
153	Aramite (#1)	185	10.163	10.163	(0.911)	63763	36.0000	37.5868
155	Aramite (#2)	185	10.227	10.227	(0.916)	129890	43.2000	45.3086
156	p-Dimethylaminoazobenzene	120	10.345	10.345	(0.927)	390106	80.0000	79.5764
157	Chlorobenzilate	251	10.363	10.363	(0.928)	495165	80.0000	79.6382
160	3,3'-Dimethylbenzidine	212	10.645	10.645	(0.954)	1008982	80.0000	80.9403
161	2-Acetylaminofluorene	181	10.868	10.868	(0.974)	709179	80.0000	84.0106
M 173	Total Isosafrole	162				244037	80.0000	77.8838
M 174	Total Diallate	86				378651	80.0000	79.3736
M 175	Total Aramite	185				193653	80.0000	82.8954
176	7,12-Dimethylbenz(a)anthrac	256	12.043	12.043	(0.968)	869456	80.0000	78.0232
181	3-Methylcholanthrene	268	12.719	12.719	(1.022)	980172	80.0000	79.9181
184	Dibenz(a,j)acridine	279	13.418	13.418	(1.078)	1471599	80.0000	80.9583

QC Flag Legend

M - Compound response manually integrated.

Data File: K1833.D

Date: 22-SEP-2011 15:50

Client ID: MS-AP9080_00016 Instrument: K.i

Sample Info: CCV-978535,,MS-AP9080_00016 Operator: KIEKELD

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87836/3 Calibration Date: 09/22/2011 16:10

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1834.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6022	0.6386		84.8	80.0	6.0	35.0
N-Nitrosodimethylamine	Ave	0.9337	0.9928		85.1	80.0	6.3	20.0
Pyridine	Ave	1.681	1.709		81.3	80.0	1.7	35.0
Phenol	Ave	1.704	1.743		81.8	80.0	2.3	20.0
Aniline	Ave	2.113	2.239		84.8	80.0	6.0	35.0
Bis(2-chloroethyl)ether	Ave	1.230	1.272		82.8	80.0	3.5	20.0
2-Chlorophenol	Ave	1.389	1.429		82.3	80.0	2.9	20.0
1,3-Dichlorobenzene	Ave	1.655	1.673		80.8	80.0	1.1	20.0
1,4-Dichlorobenzene	Ave	1.657	1.682		81.2	80.0	1.5	20.0
Benzyl alcohol	Ave	0.9138	0.9478		83.0	80.0	3.7	20.0
1,2-Dichlorobenzene	Ave	1.535	1.562		81.4	80.0	1.7	20.0
2-Methylphenol	Ave	1.285	1.314		81.8	80.0	2.3	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.997	2.028		0.00100	80.0	1.6	20.0
3 & 4 Methylphenol	Ave	1.348	1.317		78.1	80.0	-2.3	20.0
4-Methylphenol	Ave	1.348	1.317		78.1	80.0	-2.3	35.0
N-Nitrosodi-n-propylamine	Ave	0.9255	0.9365	0.0500	81.0	80.0	1.2	20.0
Acetophenone	Ave	1.796	1.850		82.4	80.0	3.0	35.0
Hexachloroethane	Ave	0.6079	0.6132		80.7	80.0	0.9	20.0
Nitrobenzene	Ave	0.3595	0.3759		83.7	80.0	4.6	20.0
Isophorone	Ave	0.6267	0.6306		80.5	80.0	0.6	20.0
2-Nitrophenol	Ave	0.1800	0.2024		90.0	80.0	12.5	20.0
2,4-Dimethylphenol	Ave	0.3316	0.3384		81.7	80.0	2.1	20.0
Bis(2-chloroethoxy)methane	Ave	0.3902	0.3926		80.5	80.0	0.6	20.0
Benzoic acid	Ave	0.1961	0.2032		82.9	80.0	3.6	20.0
2,4-Dichlorophenol	Ave	0.3131	0.3150		80.5	80.0	0.6	20.0
1,2,4-Trichlorobenzene	Ave	0.3676	0.3483		75.8	80.0	-5.3	20.0
Naphthalene	Ave	0.9909	1.000		80.8	80.0	1.0	20.0
4-Chloroaniline	Ave	0.4298	0.4432		82.5	80.0	3.1	20.0
Hexachlorobutadiene	Ave	0.2152	0.2157		80.2	80.0	0.2	20.0
Caprolactam	Ave	0.1580	0.1734		87.8	80.0	9.8	35.0
4-Chloro-3-methylphenol	Ave	0.2962	0.2960		79.9	80.0	-0.0	20.0
2-Methylnaphthalene	Ave	0.6709	0.6708		80.0	80.0	-0.0	20.0
1-Methylnaphthalene	Ave	0.6423	0.6363		79.2	80.0	-0.9	35.0
Hexachlorocyclopentadiene	Ave	0.4259	0.4026		75.6	80.0	-5.5	35.0
2,4,6-Trichlorophenol	Ave	0.4097	0.4171		81.4	80.0	1.8	20.0
2,4,5-Trichlorophenol	Ave	0.4547	0.4723		83.1	80.0	3.9	20.0
2-Chloronaphthalene	Ave	1.142	1.154		80.9	80.0	1.1	20.0
2-Nitroaniline	Ave	0.3307	0.3519		85.1	80.0	6.4	20.0
Dimethyl phthalate	Ave	1.232	1.231		79.9	80.0	-0.0	20.0
2,6-Dinitrotoluene	Ave	0.2849	0.3005		84.4	80.0	5.5	20.0
Acenaphthylene	Ave	1.708	1.755		82.2	80.0	2.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87836/3 Calibration Date: 09/22/2011 16:10

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1834.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
3-Nitroaniline	Ave	0.3136	0.3380		86.2	80.0	7.8	20.0
Acenaphthene	Ave	1.102	1.103		80.0	80.0	0.0	20.0
2,4-Dinitrophenol	Ave	0.1736	0.1896	0.0500	87.4	80.0	9.2	20.0
4-Nitrophenol	Ave	0.1756	0.1747	0.0500	79.6	80.0	-0.5	20.0
2,4-Dinitrotoluene	Ave	0.3412	0.3827		89.7	80.0	12.2	20.0
Dibenzofuran	Ave	1.522	1.531		80.5	80.0	0.6	20.0
Diethyl phthalate	Ave	1.170	1.155		78.9	80.0	-1.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.6625	0.6705		81.0	80.0	1.2	20.0
Fluorene	Ave	1.279	1.287		80.5	80.0	0.6	20.0
4-Nitroaniline	Ave	0.3046	0.3256		85.5	80.0	6.9	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1375	0.1548		90.1	80.0	12.6	20.0
N-Nitrosodiphenylamine	Ave	0.6543	0.6650		81.3	80.0	1.6	20.0
1,2-Diphenylhydrazine	Ave	1.210	1.184		79.2	80.9	-2.1	20.0
4-Bromophenyl phenyl ether	Ave	0.2460	0.2433		79.1	80.0	-1.1	20.0
Hexachlorobenzene	Ave	0.2668	0.2660		79.8	80.0	-0.3	20.0
Atrazine	Ave	0.2046	0.2029		79.3	80.0	-0.8	35.0
Pentachlorophenol	Ave	0.1829	0.1782		77.9	80.0	-2.6	20.0
Phenanthrene	Ave	1.071	1.049		78.4	80.0	-2.0	20.0
Anthracene	Ave	1.091	1.079		79.1	80.0	-1.1	20.0
Carbazole	Ave	1.003	0.9855		78.6	80.0	-1.8	20.0
Di-n-butyl phthalate	Ave	1.093	1.092		79.9	80.0	-0.1	20.0
Fluoranthene	Ave	1.239	1.234		79.7	80.0	-0.4	20.0
Benzidine	Ave	0.5394	0.5822		86.4	80.0	7.9	20.0
Pyrene	Ave	1.118	1.089		77.9	80.0	-2.6	20.0
Famphur	Ave	0.3497	0.3652		83.5	80.0	4.4	35.0
Butyl benzyl phthalate	Ave	0.4076	0.3965		77.8	80.0	-2.7	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.5698	0.5807		81.5	80.0	1.9	20.0
3,3'-Dichlorobenzidine	Ave	0.4106	0.4191		81.7	80.0	2.1	20.0
Benzo[a]anthracene	Ave	1.104	1.061		76.9	80.0	-3.9	20.0
Chrysene	Ave	1.069	1.022		76.4	80.0	-4.4	20.0
Di-n-octyl phthalate	Ave	0.9550	1.002		84.0	80.0	4.9	20.0
Benzo[b]fluoranthene	Ave	1.147	1.144		79.8	80.0	-0.3	20.0
Benzo[k]fluoranthene	Ave	1.254	1.152		73.5	80.0	-8.1	20.0
Benzo[a]pyrene	Ave	1.073	1.059		79.0	80.0	-1.3	20.0
Dibenz(a,h)anthracene	Ave	0.9886	1.008		81.6	80.0	2.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.236	1.289		83.5	80.0	4.3	20.0
Benzo[g,h,i]perylene	Ave	1.060	1.084		81.9	80.0	2.3	20.0
2-Fluorophenol (Surr)	Ave	1.358	1.453		128	120	7.0	20.0
Phenol-d5 (Surr)	Ave	1.634	1.721		126	120	5.4	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3675	0.3946		85.9	80.0	7.4	20.0
2-Fluorobiphenyl	Ave	1.302	1.351		83.0	80.0	3.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87836/3 Calibration Date: 09/22/2011 16:10

Instrument ID: MSS_K Calib Start Date: 08/05/2011 11:15

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/05/2011 13:45

Lab File ID: K1834.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4,6-Tribromophenol (Surr)	Ave	0.2277	0.2429		128	120	6.6	20.0
Terphenyl-d14 (Surr)	Ave	0.7675	0.7534		78.5	80.0	-1.8	20.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1834.D
Lab Smp Id: CCV-978533 Client Smp ID: MS-HSL080_00031
Inj Date : 22-SEP-2011 16:10
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-978533,,MS-HSL080_00031
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\8270C.m
Meth Date : 22-Sep-2011 16:29 K.i Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 1-HSL.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
*	26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	182070	40.0000	
*	58 Naphthalene-d8	136	5.750	5.750	(1.000)	699548	40.0000	
*	96 Acenaphthene-d10	164	7.490	7.490	(1.000)	401497	40.0000	
*	135 Phenanthrene-d10	188	8.864	8.864	(1.000)	692447	40.0000	
*	166 Chrysene-d12	240	11.162	11.162	(1.000)	812858	40.0000	
*	179 Perylene-d12	264	12.437	12.437	(1.000)	838198	40.0000	
$	22 2-Chlorophenol-d4	132	4.323	4.323	(0.955)	762194	120.000	127.676
$	29 1,2-Dichlorobenzene-d4	152	4.675	4.675	(1.032)	373865	80.0000	84.1928
$	8 2-Fluorophenol	112	3.347	3.347	(0.739)	793560	120.000	128.346
$	15 Phenol-d5	99	4.164	4.164	(0.920)	940276	120.000	126.441
$	43 Nitrobenzene-d5	82	5.057	5.057	(0.879)	552096	80.0000	85.8908
$	81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1085044	80.0000	83.0451
$	118 2,4,6-Tribromophenol	330	8.236	8.236	(1.100)	292518	120.000	127.963
$	154 Terphenyl-d14	244	10.228	10.228	(0.916)	1224810	80.0000	78.5278
	4 1,4-Dioxane	88	2.025	2.025	(0.447)	232531	80.0000	84.8298
	5 N-Nitrosodimethylamine	74	2.272	2.272	(0.502)	361510	80.0000	85.0588
	6 Pyridine	79	2.301	2.301	(0.508)	622493	80.0000	81.3383
	16 Phenol	94	4.176	4.176	(0.922)	634599	80.0000	81.8268
	18 Aniline	93	4.229	4.229	(0.934)	815211	80.0000	84.7784
	19 Methyl Styrene	118	4.258	4.258	(0.940)	531970	80.0000	85.3878
	20 Bis(2-chloroethyl) ether	93	4.264	4.264	(0.942)	463278	80.0000	82.7766
	21 Decane	43	4.317	4.317	(0.953)	497185	80.0000	84.4133

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	2-Chlorophenol	128	4.334	4.334	(0.957)	520451	80.0000	82.3394
25	1,3-Dichlorobenzene	146	4.475	4.475	(0.988)	609119	80.0000	80.8429
27	1,4-Dichlorobenzene	146	4.546	4.546	(1.004)	612552	80.0000	81.2375
28	Benzyl alcohol	108	4.646	4.646	(1.026)	345134	80.0000	82.9778
30	1,2-Dichlorobenzene	146	4.687	4.687	(1.035)	568756	80.0000	81.3903
32	2-Methylphenol	108	4.734	4.734	(1.045)	478619	80.0000	81.8352
34	2,2'-oxybis(1-chloropropane)	45	4.751	4.751	(1.049)	738631	80.0000	81.2783(Q)
35	1H-Indene	116	4.769	4.769	(1.053)	788206	80.0000	84.0568
138	3-Methylphenol	108	4.881	4.881	(1.078)	479448	80.0000	78.1226
36	4-Methylphenol	108	4.881	4.881	(1.078)	479448	80.0000	78.1226
139	3 & 4-Methylphenol	108	4.881	4.881	(1.078)	479448	80.0000	78.1226
37	N-nitrosodi-n-propylamine	70	4.887	4.887	(1.079)	341013	80.0000	80.9515
38	Acetophenone	105	4.904	4.904	(1.083)	673559	80.0000	82.3769
41	Hexachloroethane	117	5.004	5.004	(1.105)	223285	80.0000	80.6937
44	Nitrobenzene	77	5.075	5.075	(0.883)	525914	80.0000	83.6580
47	Isophorone	82	5.286	5.286	(0.919)	882206	80.0000	80.4968
50	2,4-Dimethylphenol	107	5.392	5.392	(0.938)	473487	80.0000	81.6545
49	2-Nitrophenol	139	5.380	5.380	(0.936)	283234	80.0000	89.9854
53	Benzoic acid	122	5.498	5.498	(0.956)	284245	80.0000	82.8978
52	Bis(2-chloroethoxy)methane	93	5.480	5.480	(0.953)	549282	80.0000	80.4823
54	2,4-Dichlorophenol	162	5.603	5.603	(0.974)	440737	80.0000	80.4904
56	n-Dodecane	43	5.674	5.674	(0.758)	500135	80.0000	80.5317
57	1,2,4-Trichlorobenzene	180	5.692	5.692	(0.990)	487255	80.0000	75.7879
59	Naphthalene	128	5.774	5.774	(1.004)	1399552	80.0000	80.7613
60	4-Chloroaniline	127	5.821	5.821	(1.012)	620056	80.0000	82.4838
62	Hexachlorobutadiene	225	5.868	5.868	(1.020)	301783	80.0000	80.1782
67	Caprolactam	55	6.185	6.185	(1.076)	242654	80.0000	87.8345
68	4-Chloro-3-methylphenol	107	6.291	6.291	(1.094)	414078	80.0000	79.9358
71	2-Methylnaphthalene	142	6.450	6.450	(1.122)	938541	80.0000	79.9891
72	1-Methylnaphthalene	142	6.555	6.555	(1.140)	890233	80.0000	79.2478
74	Hexachlorocyclopentadiene	237	6.591	6.591	(0.880)	323314	80.0000	75.6219
78	2,4,6-Trichlorophenol	196	6.732	6.732	(0.899)	334924	80.0000	81.4359
79	2,3-Dichlorobenzeneamine	161	6.743	6.743	(0.900)	510662	80.0000	82.0209
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.904)	379237	80.0000	83.0928
83	Tetradecane	43	6.837	6.837	(0.913)	491803	80.0000	79.8468
86	2-Chloronaphthalene	162	6.943	6.943	(0.927)	926794	80.0000	80.8784
88	2-Nitroaniline	65	7.055	7.055	(0.942)	282559	80.0000	85.1195
91	Dimethyl phthalate	163	7.202	7.202	(0.962)	988112	80.0000	79.9364
93	2,6-Dinitrotoluene	165	7.278	7.278	(0.972)	241328	80.0000	84.3763
94	Acenaphthylene	152	7.360	7.360	(0.983)	1409040	80.0000	82.1959
95	3-Nitroaniline	138	7.460	7.460	(0.996)	271409	80.0000	86.2123
97	Acenaphthene	153	7.525	7.525	(1.005)	885359	80.0000	80.0426
98	2,4-Dinitrophenol	184	7.554	7.554	(1.009)	152243	80.0000	87.3662
99	4-Nitrophenol	109	7.607	7.607	(1.016)	140260	80.0000	79.5912
101	2,4-Dinitrotoluene	165	7.672	7.672	(1.024)	307317	80.0000	89.7338
102	Dibenzofuran	168	7.683	7.683	(1.026)	1229199	80.0000	80.4799
105	Hexadecane	57	7.830	7.830	(1.045)	613051	80.0000	81.8726
107	Diethyl phthalate	149	7.860	7.860	(1.049)	927072	80.0000	78.9361
109	4-Chlorophenyl phenyl ether	204	7.989	7.989	(1.067)	538368	80.0000	80.9602
110	Fluorene	166	8.007	8.007	(1.069)	1033628	80.0000	80.5161
112	4-Nitroaniline	138	8.042	8.042	(1.074)	261431	80.0000	85.5138
113	4,6-Dinitro-2-methylphenol	198	8.054	8.054	(0.909)	214414	80.0000	90.0949
115	N-nitrosodiphenylamine	169	8.101	8.101	(0.914)	920925	80.0000	81.3072
116	Azobenzene	77	8.136	8.136	(1.086)	961438	80.0000	78.3266

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
234	1,2-DPH(as Azobenzene)	77	8.136	8.136	(1.086)	961438	80.8780	79.1862
242	2,4,6 - Tribromophenol	330	8.236	8.236	(1.100)	292518	120.000	127.963
124	4-Bromophenyl phenyl ether	248	8.441	8.441	(0.952)	336883	80.0000	79.0937
125	Hexachlorobenzene	284	8.512	8.512	(0.960)	368429	80.0000	79.7566
127	Atrazine	200	8.571	8.571	(0.967)	280935	80.0000	79.3318
128	n-Octadecane	85	8.665	8.665	(0.977)	230280	80.0000	80.9836
129	Pentachlorophenol	266	8.688	8.688	(0.980)	246795	80.0000	77.9460
136	Phenanthrene	178	8.888	8.888	(1.003)	1453190	80.0000	78.3798
137	Anthracene	178	8.935	8.935	(1.008)	1493652	80.0000	79.1097
140	Carbazole	167	9.076	9.076	(1.024)	1364776	80.0000	78.5916
141	Alachlor	188	9.146	9.146	(1.032)	192496	80.0000	79.1746
143	Di-n-butyl phthalate	149	9.311	9.311	(1.050)	1512044	80.0000	79.9204
144	n-Eicosane	43	9.387	9.387	(1.253)	429704	80.0000	78.8151
149	Fluoranthene	202	9.934	9.934	(1.121)	1709559	80.0000	79.6842
150	n-docosane	43	10.034	10.034	(1.340)	376754	80.0000	77.0154
151	Benzidine	184	10.034	10.034	(0.899)	946561	80.0000	86.3543
152	Pyrene	202	10.139	10.139	(0.908)	1769986	80.0000	77.9252
158	Famphur	218	10.580	10.580	(0.948)	593661	80.0000	83.5312
159	Butyl benzyl phthalate	149	10.609	10.609	(0.951)	644609	80.0000	77.8241
162	Bis(2-ethylhexyl) phthalate	149	11.044	11.044	(0.989)	943989	80.0000	81.5198
164	3 3'-Dichlorobenzidine	252	11.115	11.115	(0.996)	681359	80.0000	81.6510
165	Benzo(a)anthracene	228	11.150	11.150	(0.999)	1724753	80.0000	76.8720
167	Chrysene	228	11.185	11.185	(1.002)	1661170	80.0000	76.4454
168	Di-n-octyl phthalate	149	11.567	11.567	(1.036)	1629338	80.0000	83.9600
171	Benzo(b)fluoranthene	252	12.061	12.061	(0.970)	1918315	80.0000	79.7916
172	Benzo(k)fluoranthene	252	12.084	12.084	(0.972)	1931013	80.0000	73.4860
178	Benzo(a)pyrene	252	12.384	12.384	(0.996)	1775577	80.0000	78.9884
185	Dibenz(a,h)anthracene	278	13.682	13.682	(1.100)	1690507	80.0000	81.6056
186	Indeno(1,2,3-cd)pyrene	276	13.688	13.688	(1.226)	2095793	80.0000	83.4718
188	Benzo(g,h,i)perylene	276	14.076	14.076	(1.132)	1817517	80.0000	81.8629

QC Flag Legend

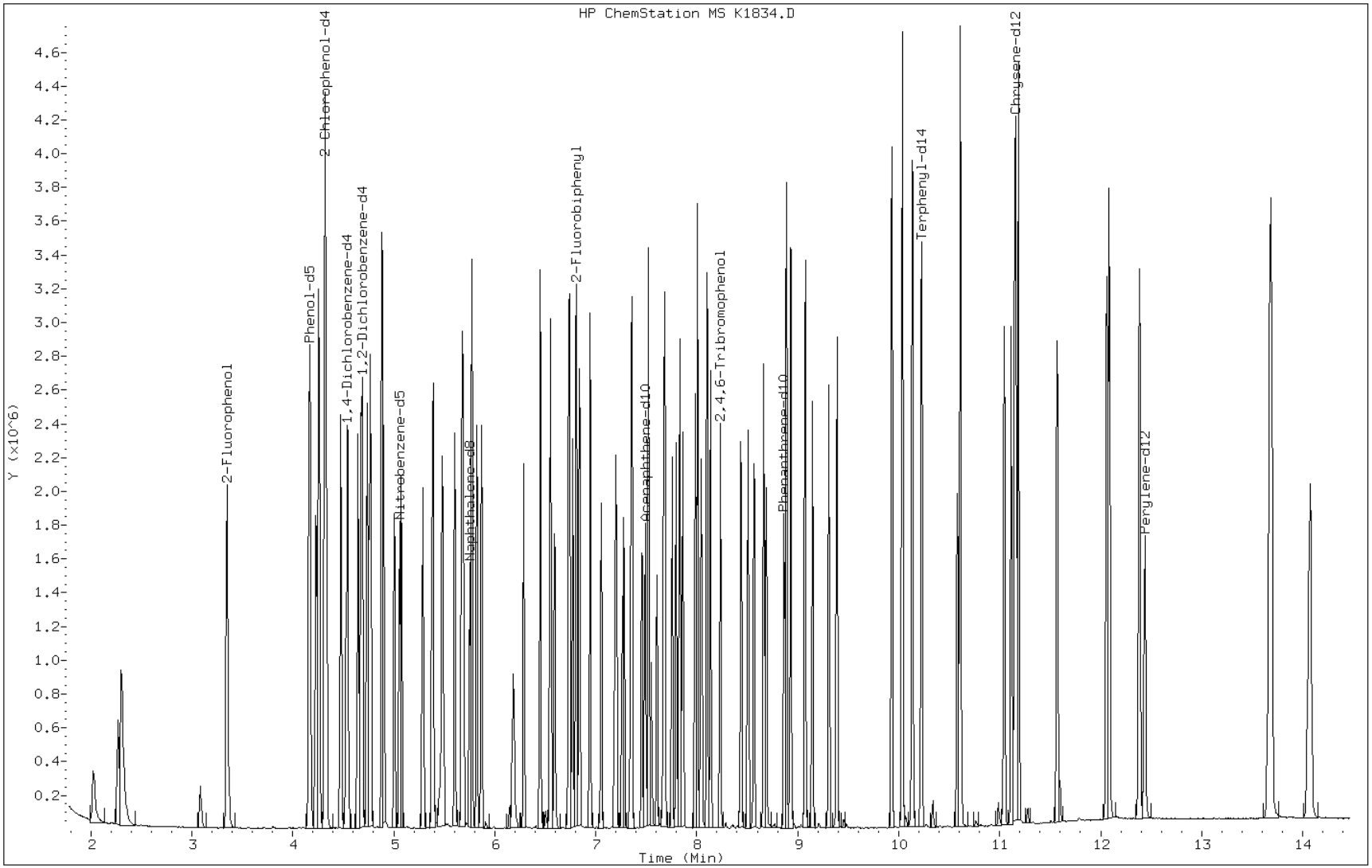
Q - Qualifier signal failed the ratio test.

Data File: K1834.D

Date: 22-SEP-2011 16:10

Client ID: MS-HSL080_00031 Instrument: K.i

Sample Info: CCV-978533,,MS-HSL080_00031 Operator: KIEKELD



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87836/4 Calibration Date: 09/22/2011 16:30

Instrument ID: MSS_K Calib Start Date: 08/04/2011 11:05

GC Column: Vf-5MS (30.25) ID: 0.25(mm) Calib End Date: 08/04/2011 13:13

Lab File ID: K1835.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	0.9199	1.124		97.8	80.0	22.2	35.0

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1835.D
Lab Smp Id: CCV-990565 Client Smp ID: MS-BZHD080_00008
Inj Date : 22-SEP-2011 16:30
Operator : KIEKELD Inst ID: K.i
Smp Info : CCV-990565,,MS-BZHD080_00008
Misc Info :
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\8270C.m
Meth Date : 22-Sep-2011 17:26 K.i Quant Type: ISTD
Cal Date : 22-SEP-2011 16:50 Cal File: K1836.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: Benzaldehyde.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Vs * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Vs	1000.000	volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

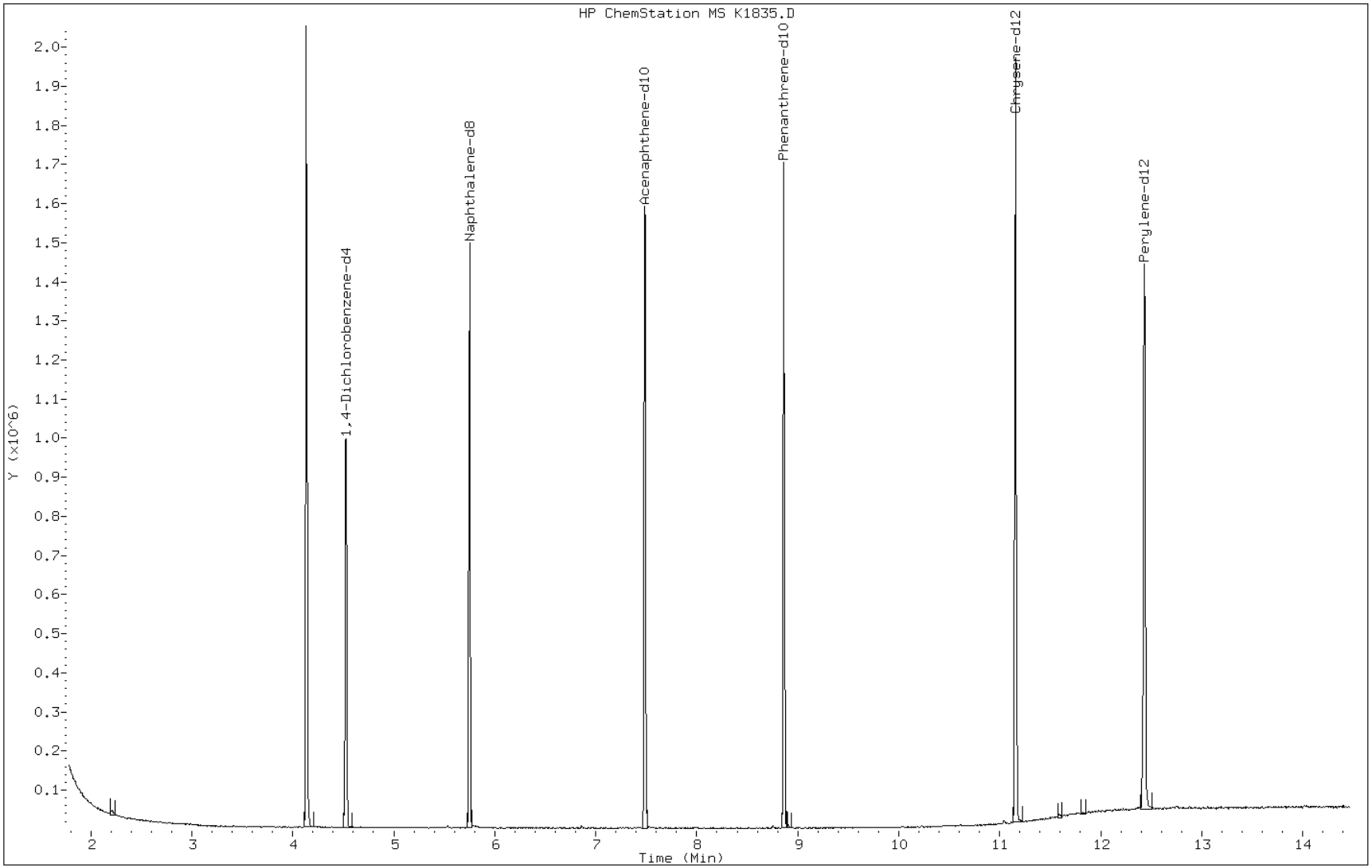
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	ON-COL (ug/ml)
* 26 1,4-Dichlorobenzene-d4	152	4.528	4.528	(1.000)	170553	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	642339	40.0000	
* 96 Acenaphthene-d10	164	7.484	7.484	(1.000)	381974	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	641170	40.0000	
* 166 Chrysene-d12	240	11.156	11.156	(1.000)	727401	40.0000	
* 179 Perylene-d12	264	12.431	12.431	(1.000)	711950	40.0000	
14 Benzaldehyde	106	4.134	4.134	(0.913)	383437	80.0000	97.7619

Data File: K1835.D

Date: 22-SEP-2011 16:30

Client ID: MS-BZHD080_00008 Instrument: K.i

Sample Info: CCV-990565,,MS-BZHD080_00008 Operator: KIEKELD



TestAmerica

Data file : \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1506.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 04-AUG-2011 10:47
Operator : KIEKELD Inst ID: K.i
Smp Info : DFTPP-376446
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\MSS\K.i\080411.b\DFTPPC.m
Meth Date : 26-Jul-2011 14:59 K.i Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC307

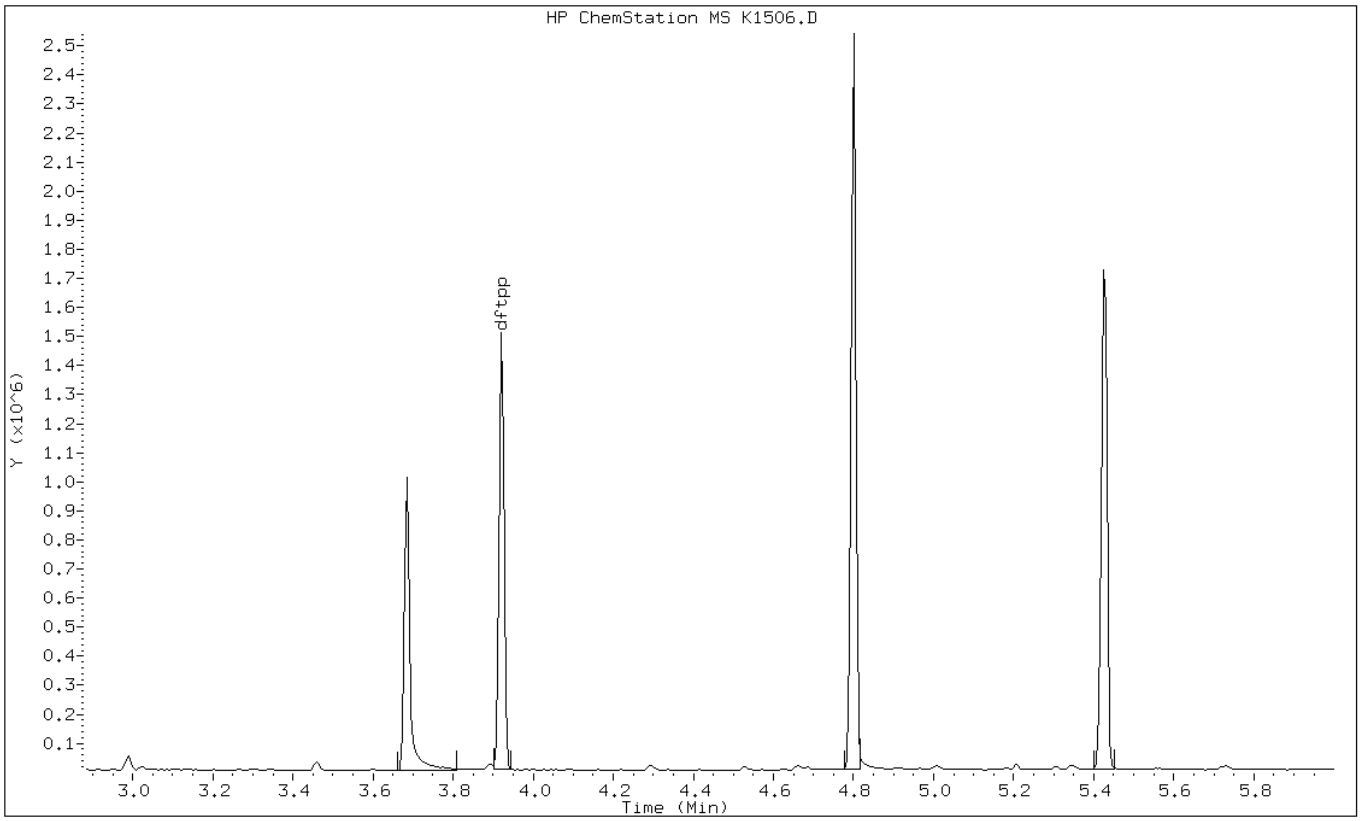
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
3.919	4.190	-0.271	198	127552			0.00- 100.00	100.00
3.919	4.190	-0.271	51	58416			30.00- 60.00	45.80
3.919	4.190	-0.271	68	0	0.0	0.0	0.00- 2.00	0.00
3.919	4.190	-0.271	69	50744			0.00- 0.00	39.78
3.919	4.190	-0.271	70	92			0.00- 2.00	0.18
3.919	4.190	-0.271	127	58088			40.00- 60.00	45.54
3.919	4.190	-0.271	197	0	0.0	0.0	0.00- 1.00	0.00
3.919	4.190	-0.271	199	8461			5.00- 9.00	6.63
3.919	4.190	-0.271	275	32936			10.00- 30.00	25.82
3.919	4.190	-0.271	365	3506			1.00- 0.00	2.75
3.919	4.190	-0.271	441	14680			0.01- 99.99	76.87
3.919	4.190	-0.271	442	98104			40.00- 100.00	76.91
3.919	4.190	-0.271	443	19096			17.00- 23.00	19.47

Data File: K1506.D

Date: 04-AUG-2011 10:47

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD



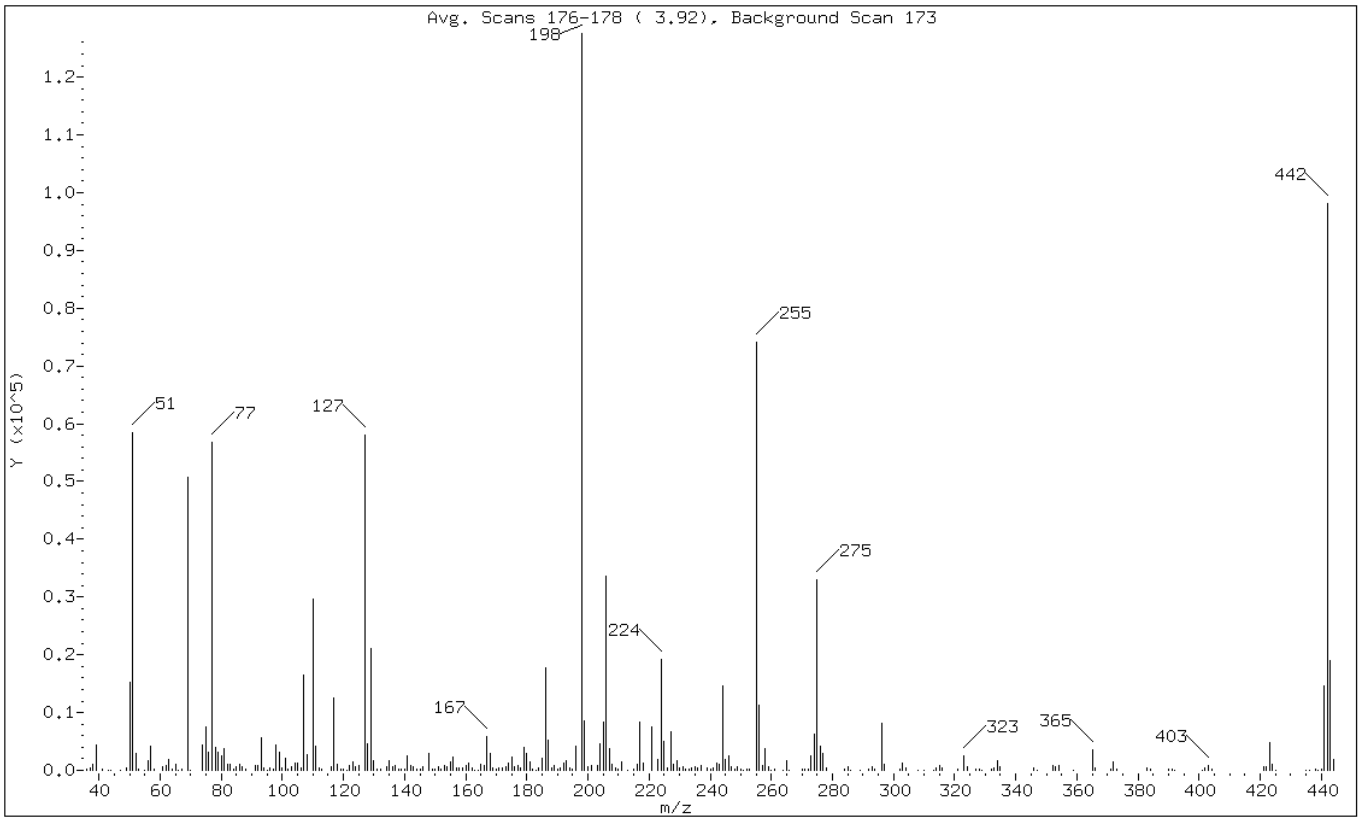
Data File: K1506.D

Date: 04-AUG-2011 10:47

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.80
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	39.78
70	Less than 2.00% of mass 69	0.07 (0.18)
127	40.00 - 60.00% of mass 198	45.54
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.63
275	10.00 - 30.00% of mass 198	25.82
365	Greater than 1.00% of mass 198	2.75
441	Present, but less than mass 443	11.51
442	40.00 - 100.00% of mass 198	76.91
443	17.00 - 23.00% of mass 442	14.97 (19.47)

Data File: K1506.D

Date: 04-AUG-2011 10:47

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

Data File: \\DenSvr03\Public\chem\MSS\K.i\080411.b\K1506.D
Spectrum: Avg. Scans 176-178 (3.92), Background Scan 173
Location of Maximum: 198.00
Number of points: 271

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	111	121.00	50	192.00	1342	274.00	6364
37.00	328	122.00	930	193.00	1615	275.00	32936
38.00	963	123.00	1434	194.00	360	276.00	4241
39.00	4384	124.00	687	195.00	256	277.00	2831
41.00	171	125.00	754	196.00	4198	278.00	442
43.00	11	127.00	58088	198.00	127552	284.00	243
44.00	39	128.00	4528	199.00	8461	285.00	526
47.00	3	129.00	21120	200.00	730	286.00	69
49.00	320	130.00	1672	201.00	809	289.00	54
50.00	15343	131.00	257	203.00	919	292.00	171
51.00	58416	132.00	258	204.00	4519	293.00	687
52.00	2914	134.00	575	205.00	8272	294.00	171
53.00	138	135.00	1641	206.00	33520	296.00	8169
55.00	79	136.00	578	207.00	3834	297.00	1094
56.00	1636	137.00	910	208.00	941	302.00	176
57.00	4090	138.00	143	209.00	372	303.00	1163
58.00	127	139.00	172	210.00	290	304.00	318
61.00	661	140.00	182	211.00	1464	308.00	62
62.00	913	141.00	2453	213.00	53	310.00	54
63.00	1884	142.00	939	215.00	203	313.00	65
64.00	297	143.00	612	216.00	967	314.00	486
65.00	1131	144.00	130	217.00	8324	315.00	838
66.00	65	145.00	124	218.00	1177	316.00	456
67.00	127	146.00	582	221.00	7543	321.00	274
69.00	50744	148.00	2840	223.00	1928	323.00	2609
70.00	92	149.00	313	224.00	19176	324.00	564
74.00	4476	150.00	159	225.00	4912	327.00	285
75.00	7452	151.00	561	226.00	349	328.00	172
76.00	3200	152.00	144	227.00	6674	329.00	60
77.00	56832	153.00	889	228.00	1016	332.00	206
78.00	3977	154.00	724	229.00	1687	333.00	325
79.00	3144	155.00	1543	230.00	315	334.00	1716
80.00	2541	156.00	2236	231.00	660	335.00	528
81.00	3677	157.00	428	232.00	105	346.00	515
82.00	994	158.00	478	233.00	106	347.00	80
83.00	1016	159.00	417	234.00	510	352.00	787
84.00	125	160.00	848	235.00	539	353.00	707
85.00	651	161.00	1299	236.00	492	354.00	886
86.00	946	162.00	432	237.00	736	359.00	55
87.00	544	163.00	53	239.00	326	365.00	3506

88.00	210	164.00	52	240.00	264	366.00	404
91.00	803	165.00	993	241.00	462	371.00	186
92.00	885	166.00	834	242.00	1160	372.00	1468
93.00	5606	167.00	5844	243.00	1123	373.00	281
94.00	367	168.00	2831	244.00	14575	383.00	380
95.00	92	169.00	489	245.00	1960	384.00	131
96.00	418	170.00	160	246.00	2585	390.00	189
97.00	157	171.00	334	247.00	551	391.00	142
98.00	4461	172.00	494	248.00	154	392.00	50
99.00	3165	173.00	681	249.00	656	401.00	53
100.00	323	174.00	1205	250.00	169	402.00	400
101.00	2006	175.00	2265	251.00	50	403.00	823
102.00	115	176.00	625	252.00	171	404.00	220
103.00	622	177.00	928	253.00	216	421.00	598
104.00	1270	178.00	414	255.00	74112	422.00	696
105.00	1151	179.00	3919	256.00	11204	423.00	4744
106.00	390	180.00	2976	257.00	899	424.00	1052
107.00	16584	181.00	1387	258.00	3716	425.00	57
108.00	2702	182.00	188	259.00	590	435.00	58
110.00	29712	183.00	78	260.00	96	436.00	78
111.00	4265	184.00	406	261.00	112	438.00	214
112.00	516	185.00	2083	264.00	19	439.00	84
113.00	116	186.00	17824	265.00	1669	440.00	205
116.00	727	187.00	5276	266.00	85	441.00	14680
117.00	12443	188.00	513	270.00	186	442.00	98104
118.00	949	189.00	923	271.00	151	443.00	19096
119.00	128	190.00	204	272.00	221	444.00	1807
120.00	199	191.00	320	273.00	2429		

TestAmerica

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1536.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 05-AUG-2011 08:12
Operator : KIEKELD Inst ID: K.i
Smp Info : DFTPP-376446
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\MSS\K.i\080511a.b\DFTPPC.m
Meth Date : 26-Jul-2011 14:59 K.i Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC307

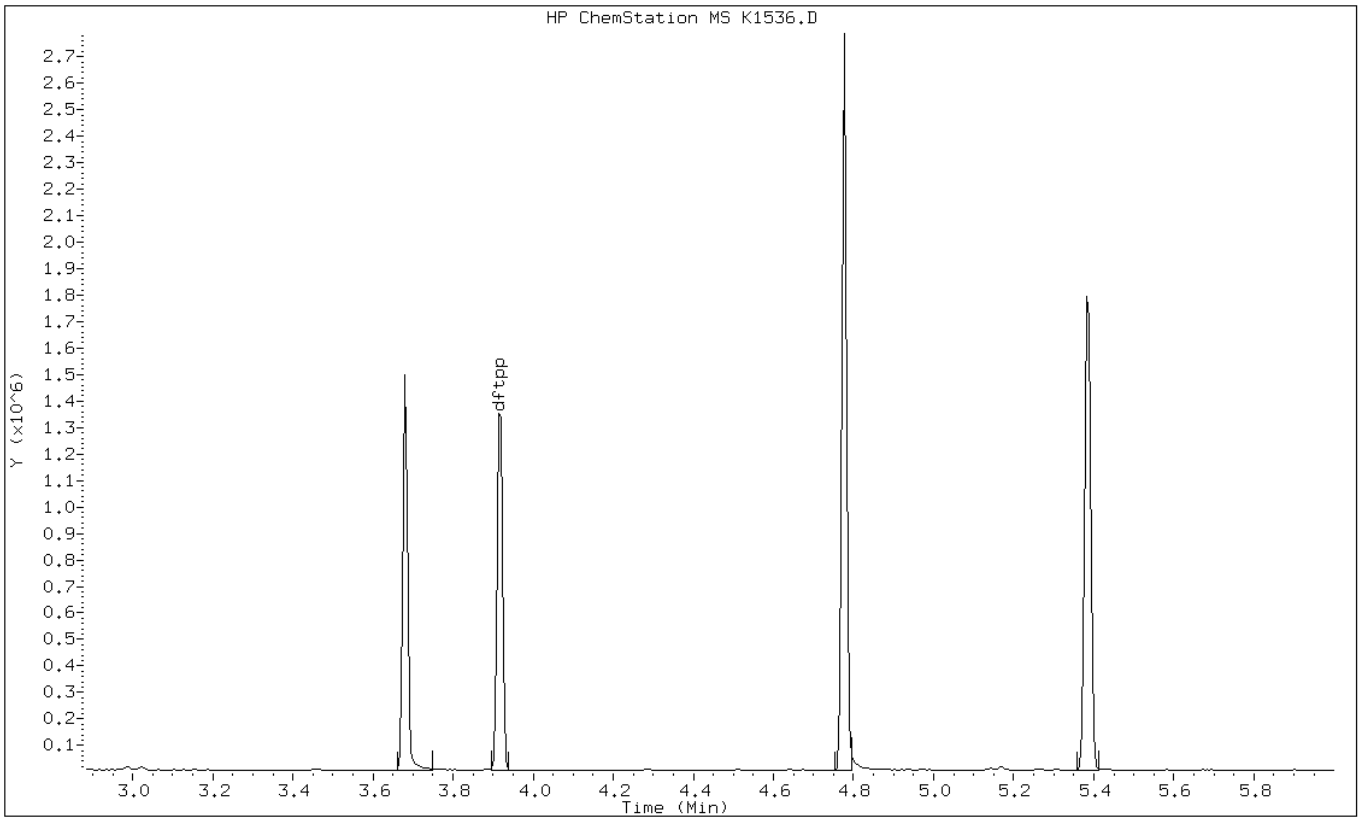
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
3.913	4.190	-0.277	198	120800			0.00- 100.00	100.00
3.913	4.190	-0.277	51	54816			30.00- 60.00	45.38
3.913	4.190	-0.277	68	0	0.0	0.0	0.00- 2.00	0.00
3.913	4.190	-0.277	69	48736			0.00- 0.00	40.34
3.913	4.190	-0.277	70	247			0.00- 2.00	0.51
3.913	4.190	-0.277	127	56680			40.00- 60.00	46.92
3.913	4.190	-0.277	197	0	0.0	0.0	0.00- 1.00	0.00
3.913	4.190	-0.277	199	8467			5.00- 9.00	7.01
3.913	4.190	-0.277	275	31248			10.00- 30.00	25.87
3.913	4.190	-0.277	365	3446			1.00- 0.00	2.85
3.913	4.190	-0.277	441	14262			0.01- 99.99	76.02
3.913	4.190	-0.277	442	90728			40.00- 100.00	75.11
3.913	4.190	-0.277	443	18760			17.00- 23.00	20.68

Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD



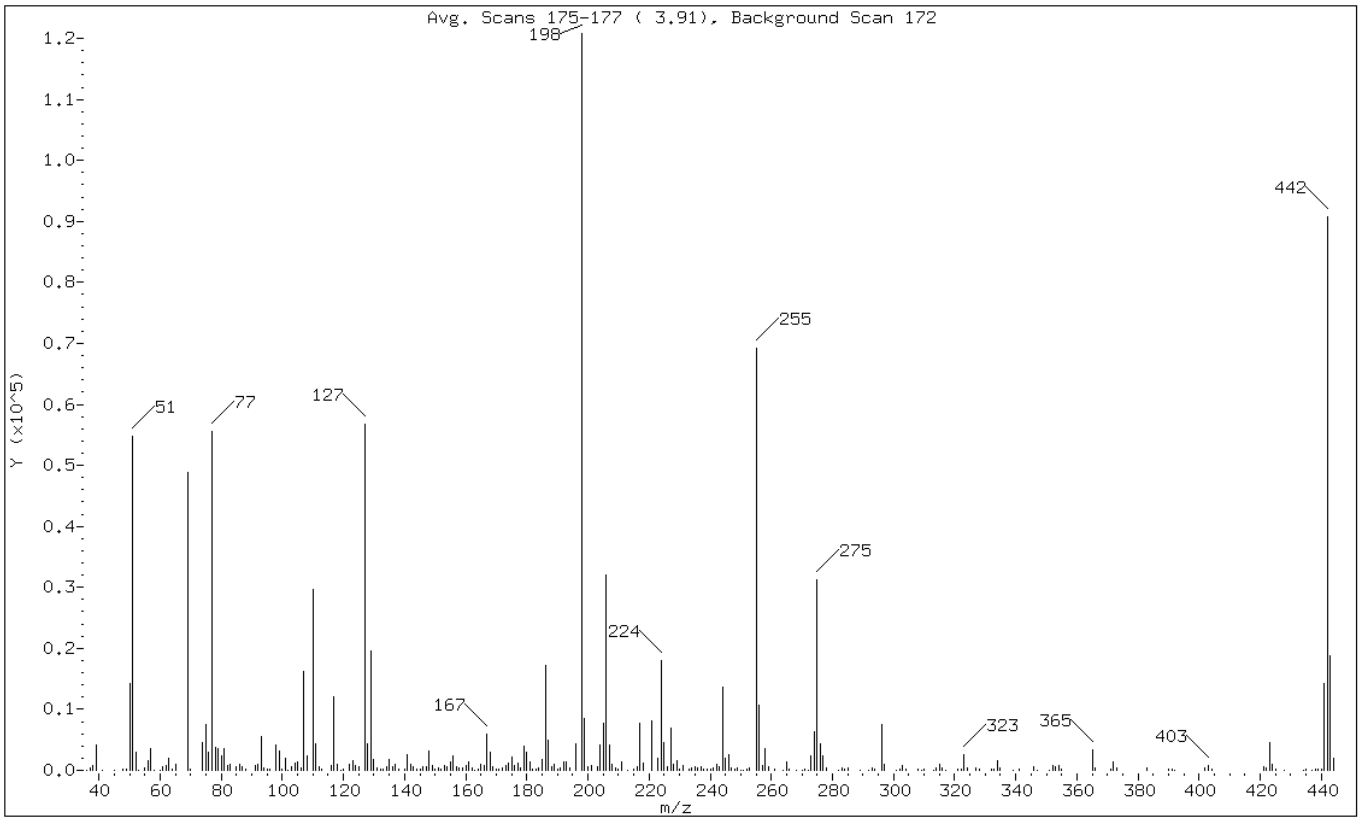
Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.38
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	40.34
70	Less than 2.00% of mass 69	0.20 (0.51)
127	40.00 - 60.00% of mass 198	46.92
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.01
275	10.00 - 30.00% of mass 198	25.87
365	Greater than 1.00% of mass 198	2.85
441	Present, but less than mass 443	11.81
442	40.00 - 100.00% of mass 198	75.11
443	17.00 - 23.00% of mass 442	15.53 (20.68)

Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

Data File: \\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1536.D
Spectrum: Avg. Scans 175-177 (3.91), Background Scan 172
Location of Maximum: 198.00
Number of points: 273

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	87	128.00	4433	200.00	659	285.00	483
37.00	345	129.00	19576	201.00	843	289.00	50
38.00	889	130.00	1872	203.00	684	292.00	75
39.00	4089	131.00	317	204.00	4177	293.00	451
41.00	43	132.00	143	205.00	7723	294.00	154
45.00	53	133.00	112	206.00	32064	296.00	7540
48.00	106	134.00	540	207.00	4117	297.00	979
49.00	180	135.00	1696	208.00	1086	301.00	87
50.00	14139	136.00	662	209.00	322	302.00	156
51.00	54816	137.00	926	210.00	245	303.00	884
52.00	2928	138.00	145	211.00	1443	304.00	225
53.00	74	140.00	189	213.00	50	308.00	135
55.00	341	141.00	2525	215.00	284	309.00	69
56.00	1530	142.00	950	216.00	631	310.00	130
57.00	3529	143.00	580	217.00	7655	313.00	57
58.00	72	144.00	146	218.00	1141	314.00	421
60.00	51	145.00	158	221.00	8123	315.00	971
61.00	495	146.00	554	223.00	2051	316.00	475
62.00	819	147.00	667	224.00	18040	317.00	61
63.00	1911	148.00	3188	225.00	4525	321.00	173
64.00	210	149.00	710	226.00	521	322.00	209
65.00	1050	150.00	150	227.00	6866	323.00	2639
69.00	48736	151.00	337	228.00	905	324.00	455
70.00	247	152.00	213	229.00	1567	327.00	430
74.00	4624	153.00	798	230.00	203	328.00	236
75.00	7519	154.00	609	231.00	699	332.00	145
76.00	3015	155.00	1421	233.00	135	333.00	190
77.00	55544	156.00	2413	234.00	457	334.00	1677
78.00	3822	157.00	592	235.00	581	335.00	381
79.00	3472	158.00	425	236.00	302	339.00	52
80.00	2462	159.00	437	237.00	559	341.00	273
81.00	3514	160.00	770	238.00	129	346.00	547
82.00	849	161.00	1330	239.00	218	347.00	58
83.00	999	162.00	485	240.00	159	351.00	51
85.00	643	163.00	65	241.00	381	352.00	712
86.00	981	164.00	161	242.00	972	353.00	523
87.00	513	165.00	981	243.00	580	354.00	823
88.00	207	166.00	858	244.00	13728	355.00	153
91.00	807	167.00	6014	245.00	1887	365.00	3446
92.00	944	168.00	2939	246.00	2579	366.00	490

93.00	5611	169.00	512	247.00	374	371.00	188
94.00	377	170.00	135	248.00	127	372.00	1441
95.00	126	171.00	251	249.00	454	373.00	307
96.00	254	172.00	406	250.00	60	383.00	411
98.00	4219	173.00	699	251.00	50	390.00	211
99.00	3161	174.00	1137	252.00	129	391.00	151
100.00	281	175.00	2160	253.00	408	392.00	58
101.00	1879	176.00	708	255.00	69152	402.00	417
102.00	62	177.00	1132	256.00	10662	403.00	882
103.00	601	178.00	374	257.00	864	404.00	290
104.00	1255	179.00	3915	258.00	3477	421.00	627
105.00	1336	180.00	3038	259.00	500	422.00	476
106.00	312	181.00	1343	261.00	143	423.00	4576
107.00	16149	182.00	198	264.00	71	424.00	933
108.00	2406	183.00	171	265.00	1375	425.00	147
110.00	29728	184.00	330	266.00	130	428.00	63
111.00	4389	185.00	1872	268.00	53	434.00	50
112.00	594	186.00	17208	270.00	74	435.00	102
113.00	178	187.00	5023	271.00	188	437.00	73
116.00	876	188.00	551	272.00	88	438.00	148
117.00	12080	189.00	990	273.00	2303	439.00	203
118.00	907	190.00	236	274.00	6296	440.00	257
119.00	68	191.00	445	275.00	31248	441.00	14262
120.00	194	192.00	1448	276.00	4303	442.00	90728
122.00	909	193.00	1414	277.00	2378	443.00	18760
123.00	1665	194.00	338	278.00	427	444.00	1977
124.00	746	196.00	4266	282.00	52		
125.00	671	198.00	120800	283.00	335		
127.00	56680	199.00	8467	284.00	177		

TestAmerica

Data file : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1536.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 05-AUG-2011 08:12
Operator : KIEKELD Inst ID: K.i
Smp Info : DFTPP-376446
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\MSS\K.i\080511b.b\DFTPPC.m
Meth Date : 26-Jul-2011 14:59 K.i Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC307

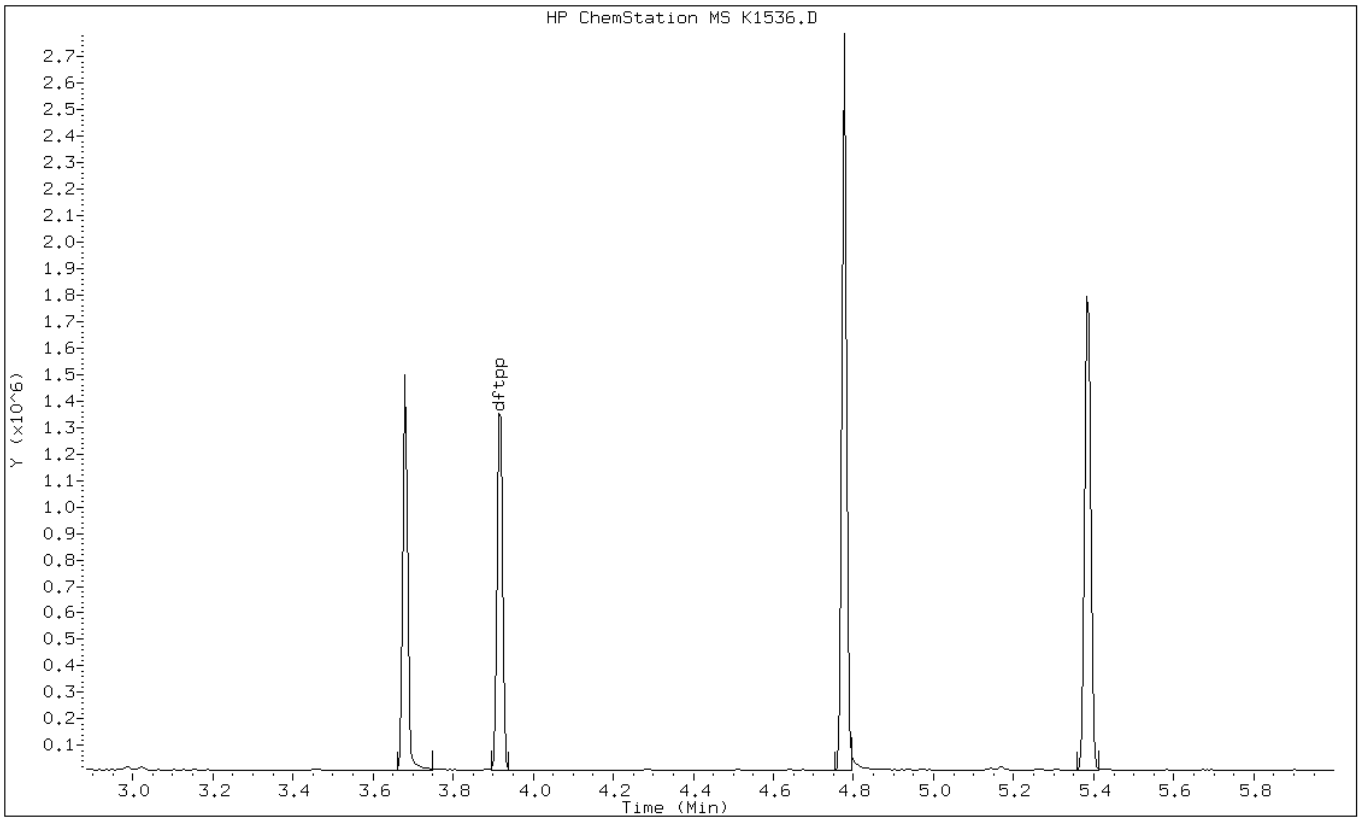
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
3.913	4.190	-0.277	198	120800			0.00- 100.00	100.00
3.913	4.190	-0.277	51	54816			30.00- 60.00	45.38
3.913	4.190	-0.277	68	0	0.0	0.0	0.00- 2.00	0.00
3.913	4.190	-0.277	69	48736			0.00- 0.00	40.34
3.913	4.190	-0.277	70	247			0.00- 2.00	0.51
3.913	4.190	-0.277	127	56680			40.00- 60.00	46.92
3.913	4.190	-0.277	197	0	0.0	0.0	0.00- 1.00	0.00
3.913	4.190	-0.277	199	8467			5.00- 9.00	7.01
3.913	4.190	-0.277	275	31248			10.00- 30.00	25.87
3.913	4.190	-0.277	365	3446			1.00- 0.00	2.85
3.913	4.190	-0.277	441	14262			0.01- 99.99	76.02
3.913	4.190	-0.277	442	90728			40.00- 100.00	75.11
3.913	4.190	-0.277	443	18760			17.00- 23.00	20.68

Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD



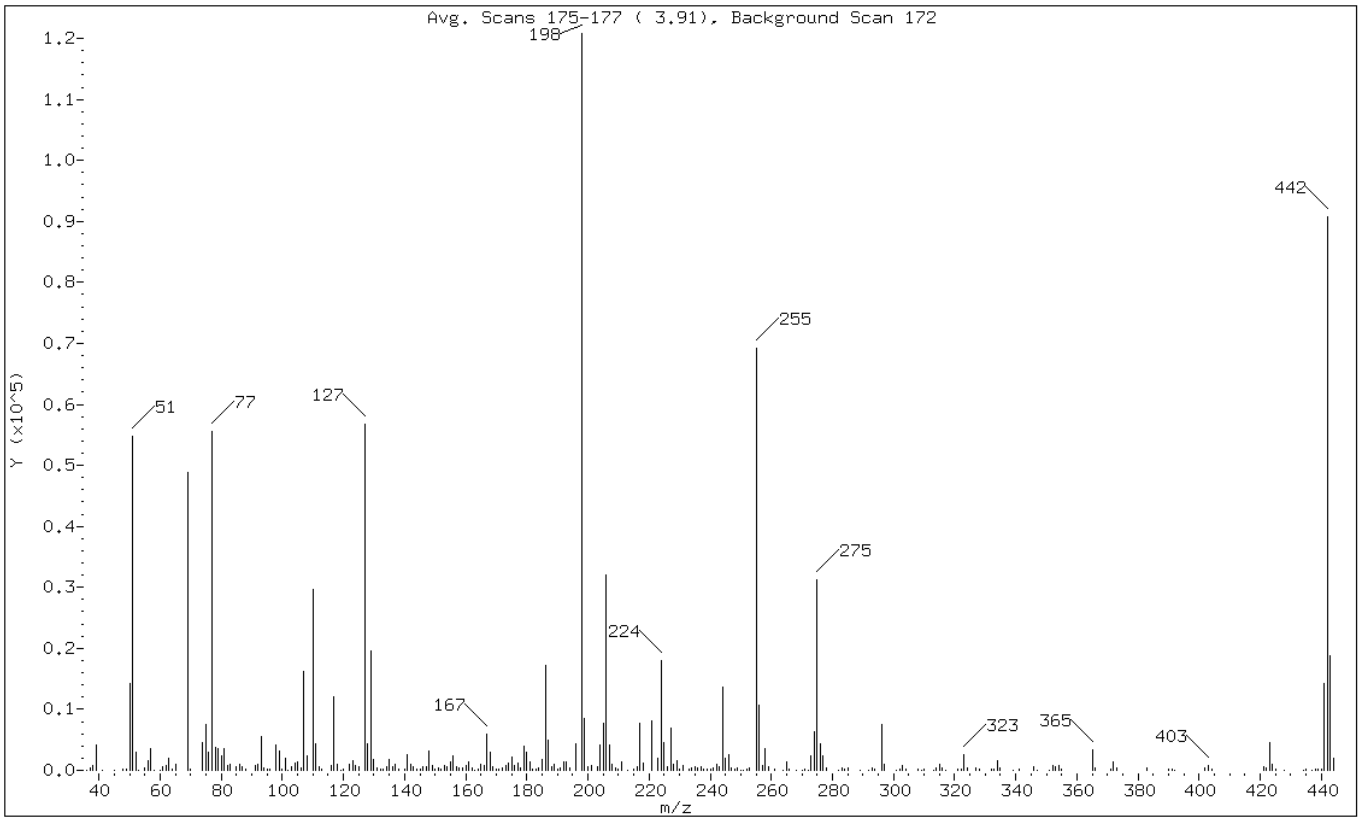
Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	45.38
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	40.34
70	Less than 2.00% of mass 69	0.20 (0.51)
127	40.00 - 60.00% of mass 198	46.92
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.01
275	10.00 - 30.00% of mass 198	25.87
365	Greater than 1.00% of mass 198	2.85
441	Present, but less than mass 443	11.81
442	40.00 - 100.00% of mass 198	75.11
443	17.00 - 23.00% of mass 442	15.53 (20.68)

Data File: K1536.D

Date: 05-AUG-2011 08:12

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376446 Operator: KIEKELD

Data File: \\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1536.D
Spectrum: Avg. Scans 175-177 (3.91), Background Scan 172
Location of Maximum: 198.00
Number of points: 273

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	87	128.00	4433	200.00	659	285.00	483
37.00	345	129.00	19576	201.00	843	289.00	50
38.00	889	130.00	1872	203.00	684	292.00	75
39.00	4089	131.00	317	204.00	4177	293.00	451
41.00	43	132.00	143	205.00	7723	294.00	154
45.00	53	133.00	112	206.00	32064	296.00	7540
48.00	106	134.00	540	207.00	4117	297.00	979
49.00	180	135.00	1696	208.00	1086	301.00	87
50.00	14139	136.00	662	209.00	322	302.00	156
51.00	54816	137.00	926	210.00	245	303.00	884
52.00	2928	138.00	145	211.00	1443	304.00	225
53.00	74	140.00	189	213.00	50	308.00	135
55.00	341	141.00	2525	215.00	284	309.00	69
56.00	1530	142.00	950	216.00	631	310.00	130
57.00	3529	143.00	580	217.00	7655	313.00	57
58.00	72	144.00	146	218.00	1141	314.00	421
60.00	51	145.00	158	221.00	8123	315.00	971
61.00	495	146.00	554	223.00	2051	316.00	475
62.00	819	147.00	667	224.00	18040	317.00	61
63.00	1911	148.00	3188	225.00	4525	321.00	173
64.00	210	149.00	710	226.00	521	322.00	209
65.00	1050	150.00	150	227.00	6866	323.00	2639
69.00	48736	151.00	337	228.00	905	324.00	455
70.00	247	152.00	213	229.00	1567	327.00	430
74.00	4624	153.00	798	230.00	203	328.00	236
75.00	7519	154.00	609	231.00	699	332.00	145
76.00	3015	155.00	1421	233.00	135	333.00	190
77.00	55544	156.00	2413	234.00	457	334.00	1677
78.00	3822	157.00	592	235.00	581	335.00	381
79.00	3472	158.00	425	236.00	302	339.00	52
80.00	2462	159.00	437	237.00	559	341.00	273
81.00	3514	160.00	770	238.00	129	346.00	547
82.00	849	161.00	1330	239.00	218	347.00	58
83.00	999	162.00	485	240.00	159	351.00	51
85.00	643	163.00	65	241.00	381	352.00	712
86.00	981	164.00	161	242.00	972	353.00	523
87.00	513	165.00	981	243.00	580	354.00	823
88.00	207	166.00	858	244.00	13728	355.00	153
91.00	807	167.00	6014	245.00	1887	365.00	3446
92.00	944	168.00	2939	246.00	2579	366.00	490

93.00	5611	169.00	512	247.00	374	371.00	188
94.00	377	170.00	135	248.00	127	372.00	1441
95.00	126	171.00	251	249.00	454	373.00	307
96.00	254	172.00	406	250.00	60	383.00	411
98.00	4219	173.00	699	251.00	50	390.00	211
99.00	3161	174.00	1137	252.00	129	391.00	151
100.00	281	175.00	2160	253.00	408	392.00	58
101.00	1879	176.00	708	255.00	69152	402.00	417
102.00	62	177.00	1132	256.00	10662	403.00	882
103.00	601	178.00	374	257.00	864	404.00	290
104.00	1255	179.00	3915	258.00	3477	421.00	627
105.00	1336	180.00	3038	259.00	500	422.00	476
106.00	312	181.00	1343	261.00	143	423.00	4576
107.00	16149	182.00	198	264.00	71	424.00	933
108.00	2406	183.00	171	265.00	1375	425.00	147
110.00	29728	184.00	330	266.00	130	428.00	63
111.00	4389	185.00	1872	268.00	53	434.00	50
112.00	594	186.00	17208	270.00	74	435.00	102
113.00	178	187.00	5023	271.00	188	437.00	73
116.00	876	188.00	551	272.00	88	438.00	148
117.00	12080	189.00	990	273.00	2303	439.00	203
118.00	907	190.00	236	274.00	6296	440.00	257
119.00	68	191.00	445	275.00	31248	441.00	14262
120.00	194	192.00	1448	276.00	4303	442.00	90728
122.00	909	193.00	1414	277.00	2378	443.00	18760
123.00	1665	194.00	338	278.00	427	444.00	1977
124.00	746	196.00	4266	282.00	52		
125.00	671	198.00	120800	283.00	335		
127.00	56680	199.00	8467	284.00	177		

TestAmerica

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1775.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 21-SEP-2011 14:37
Operator : KIEKELD Inst ID: K.i
Smp Info : DFTPP-376445
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\DFTPPC.m
Meth Date : 26-Jul-2011 14:59 K.i Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC307

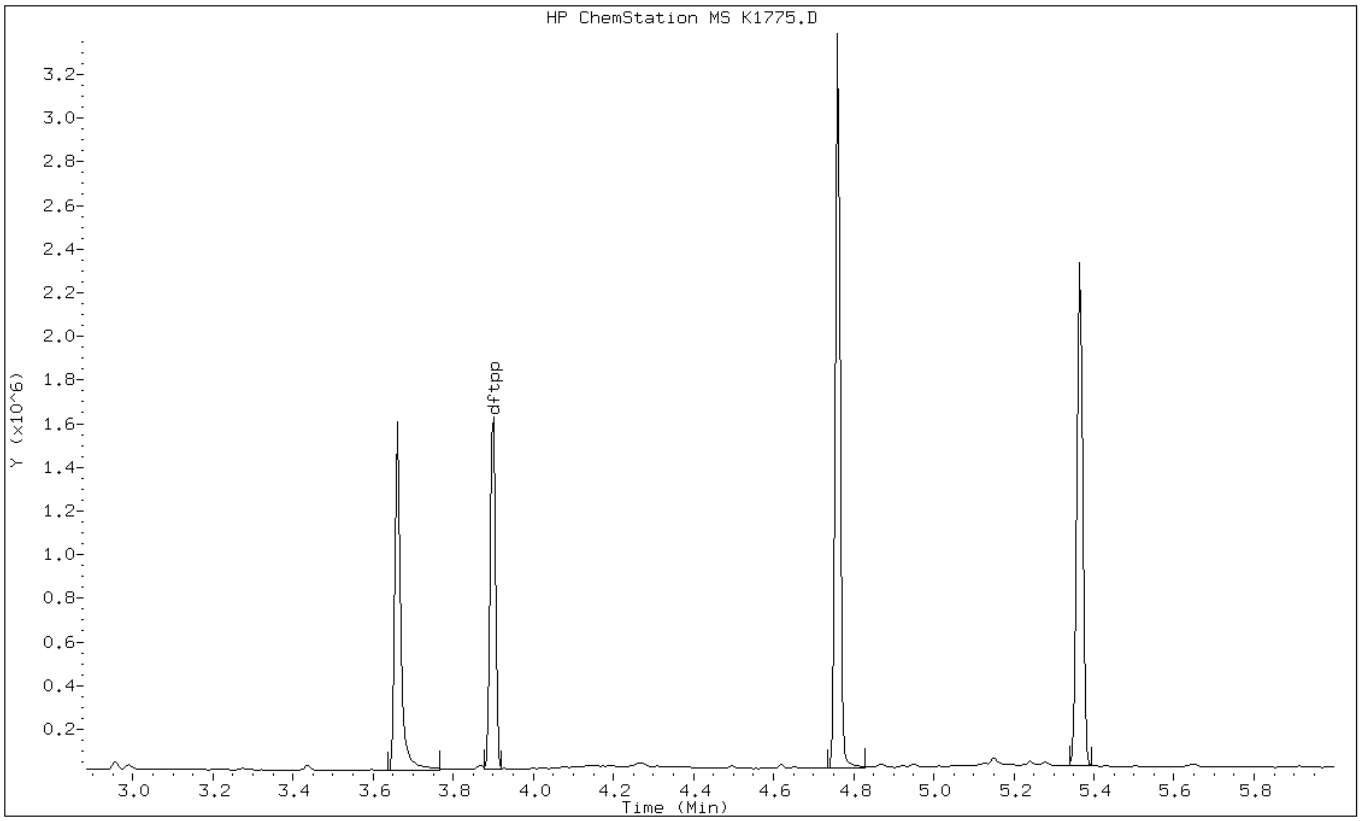
					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE		RATIO
RT	EXP RT	DLT RT	MASS	RESPONSE					
1 dftpp						CAS #: 5074-71-5			
3.901	4.190	-0.289	198	145536			0.00-	100.00	100.00
3.901	4.190	-0.289	51	58448			30.00-	60.00	40.16
3.901	4.190	-0.289	68	0	0.0	0.0	0.00-	2.00	0.00
3.901	4.190	-0.289	69	51776			0.00-	0.00	35.58
3.901	4.190	-0.289	70	89			0.00-	2.00	0.17
3.901	4.190	-0.289	127	62472			40.00-	60.00	42.93
3.901	4.190	-0.289	197	624			0.00-	1.00	0.43
3.901	4.190	-0.289	199	10078			5.00-	9.00	6.92
3.901	4.190	-0.289	275	39536			10.00-	30.00	27.17
3.901	4.190	-0.289	365	4441			1.00-	0.00	3.05
3.901	4.190	-0.289	441	19048			0.01-	99.99	73.60
3.901	4.190	-0.289	442	127992			40.00-	100.00	87.95
3.901	4.190	-0.289	443	25880			17.00-	23.00	20.22

Data File: K1775.D

Date: 21-SEP-2011 14:37

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD



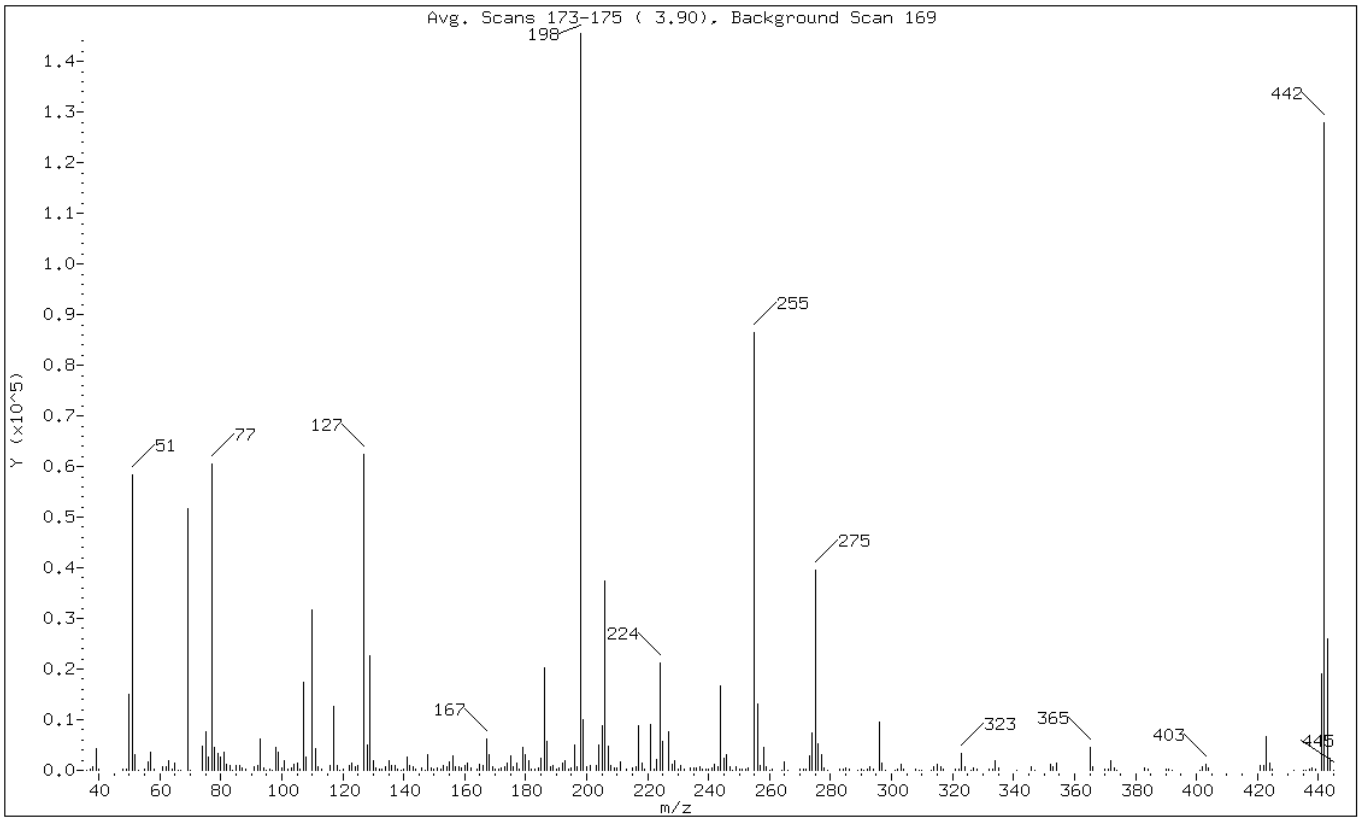
Data File: K1775.D

Date: 21-SEP-2011 14:37

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	40.16
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	35.58
70	Less than 2.00% of mass 69	0.06 (0.17)
127	40.00 - 60.00% of mass 198	42.93
197	Less than 1.00% of mass 198	0.43
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	27.17
365	Greater than 1.00% of mass 198	3.05
441	Present, but less than mass 443	13.09
442	40.00 - 100.00% of mass 198	87.95
443	17.00 - 23.00% of mass 442	17.78 (20.22)

Data File: K1775.D

Date: 21-SEP-2011 14:37

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD

Data File: \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1775.D
Spectrum: Avg. Scans 173-175 (3.90), Background Scan 169
Location of Maximum: 198.00
Number of points: 283

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1	128.00	5003	201.00	1034	289.00	57
37.00	245	129.00	22568	203.00	881	290.00	178
38.00	660	130.00	1963	204.00	4985	291.00	58
39.00	4336	131.00	416	205.00	8713	292.00	173
40.00	226	132.00	159	206.00	37360	293.00	656
48.00	122	133.00	149	207.00	4748	294.00	318
49.00	316	134.00	624	208.00	1012	296.00	9489
50.00	15082	135.00	1851	209.00	481	297.00	1516
51.00	58448	136.00	859	210.00	398	298.00	51
52.00	2980	137.00	997	211.00	1588	301.00	57
53.00	74	138.00	216	213.00	147	302.00	276
55.00	331	139.00	104	215.00	431	303.00	1302
56.00	1555	140.00	269	216.00	807	304.00	259
57.00	3659	141.00	2737	217.00	8853	308.00	184
58.00	247	142.00	1007	218.00	1320	309.00	91
61.00	800	143.00	625	219.00	158	310.00	115
62.00	766	144.00	171	221.00	9107	313.00	52
63.00	1903	146.00	482	222.00	223	314.00	615
64.00	233	147.00	65	223.00	2151	315.00	1111
65.00	1340	148.00	3086	224.00	21248	316.00	660
66.00	50	149.00	447	225.00	5693	317.00	122
67.00	15	150.00	197	227.00	7666	321.00	254
69.00	51776	151.00	513	228.00	1254	322.00	221
70.00	89	152.00	201	229.00	1908	323.00	3443
74.00	4688	153.00	926	230.00	250	324.00	773
75.00	7630	154.00	628	231.00	862	326.00	57
76.00	2662	155.00	1650	232.00	141	327.00	431
77.00	60416	156.00	2785	234.00	428	328.00	339
78.00	4489	157.00	648	235.00	592	332.00	208
79.00	3271	158.00	664	236.00	461	333.00	332
80.00	2710	159.00	532	237.00	779	334.00	1997
81.00	3531	160.00	1015	238.00	135	335.00	520
82.00	1102	161.00	1401	239.00	277	341.00	79
83.00	979	162.00	504	240.00	252	346.00	736
84.00	98	164.00	236	241.00	513	347.00	84
85.00	884	165.00	1235	242.00	1285	352.00	1116
86.00	988	166.00	1004	243.00	740	353.00	634
87.00	581	167.00	6272	244.00	16736	354.00	1311
88.00	243	168.00	3004	245.00	2289	365.00	4441
91.00	752	169.00	629	246.00	3060	366.00	713

92.00	945	170.00	200	247.00	682	370.00	136
93.00	6205	171.00	252	248.00	102	371.00	323
94.00	396	172.00	463	249.00	684	372.00	1796
95.00	26	173.00	720	250.00	122	373.00	542
96.00	322	174.00	1318	251.00	165	374.00	62
97.00	15	175.00	2917	252.00	125	383.00	524
98.00	4417	176.00	760	253.00	449	384.00	160
99.00	3556	177.00	1368	255.00	86496	390.00	273
100.00	418	178.00	290	256.00	13021	391.00	175
101.00	2019	179.00	4480	257.00	954	392.00	73
102.00	142	180.00	2999	258.00	4495	401.00	50
103.00	576	181.00	1905	259.00	703	402.00	634
104.00	1230	182.00	255	260.00	52	403.00	1195
105.00	1339	183.00	165	261.00	121	404.00	388
106.00	244	184.00	587	264.00	44	421.00	930
107.00	17416	185.00	2489	265.00	1664	422.00	914
108.00	2699	186.00	20144	266.00	116	423.00	6668
110.00	31640	187.00	5769	270.00	163	424.00	1377
111.00	4178	188.00	684	271.00	144	425.00	131
112.00	642	189.00	1032	272.00	291	432.00	108
113.00	197	190.00	152	273.00	2966	435.00	58
116.00	1018	191.00	360	274.00	7376	436.00	60
117.00	12550	192.00	1503	275.00	39536	437.00	209
118.00	928	193.00	1811	276.00	5218	438.00	444
119.00	95	194.00	277	277.00	3038	439.00	337
120.00	221	195.00	417	278.00	532	441.00	19048
122.00	1068	196.00	4938	279.00	116	442.00	127992
123.00	1536	197.00	624	283.00	135	443.00	25880
124.00	751	198.00	145536	284.00	274	444.00	2395
125.00	837	199.00	10078	285.00	556	445.00	64
127.00	62472	200.00	795	286.00	189		

TestAmerica

Data file : \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1832.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 22-SEP-2011 15:39
Operator : KIEKELD Inst ID: K.i
Smp Info : DFTPP-376445
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\DFTPPC.m
Meth Date : 26-Jul-2011 14:59 K.i Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC307

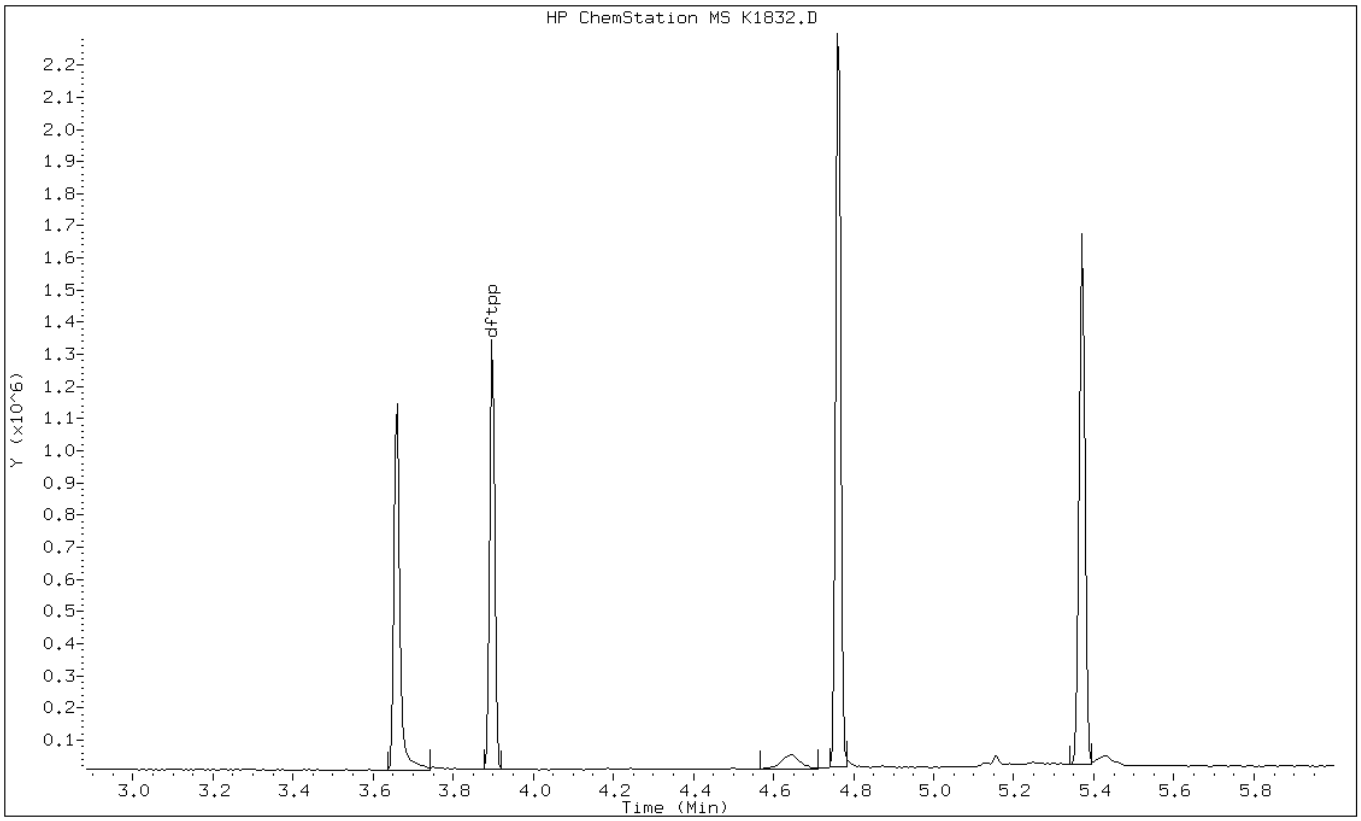
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
3.895	4.190	-0.295	198	115536			0.00- 100.00	100.00
3.895	4.190	-0.295	51	49512			30.00- 60.00	42.85
3.895	4.190	-0.295	68	0	0.0	0.0	0.00- 2.00	0.00
3.895	4.190	-0.295	69	43656			0.00- 0.00	37.79
3.895	4.190	-0.295	70	308			0.00- 2.00	0.71
3.895	4.190	-0.295	127	53488			40.00- 60.00	46.30
3.895	4.190	-0.295	197	0	0.0	0.0	0.00- 1.00	0.00
3.895	4.190	-0.295	199	7952			5.00- 9.00	6.88
3.895	4.190	-0.295	275	29944			10.00- 30.00	25.92
3.895	4.190	-0.295	365	2919			1.00- 0.00	2.53
3.895	4.190	-0.295	441	12735			0.01- 99.99	70.37
3.895	4.190	-0.295	442	88008			40.00- 100.00	76.17
3.895	4.190	-0.295	443	18096			17.00- 23.00	20.56

Data File: K1832.D

Date: 22-SEP-2011 15:39

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD



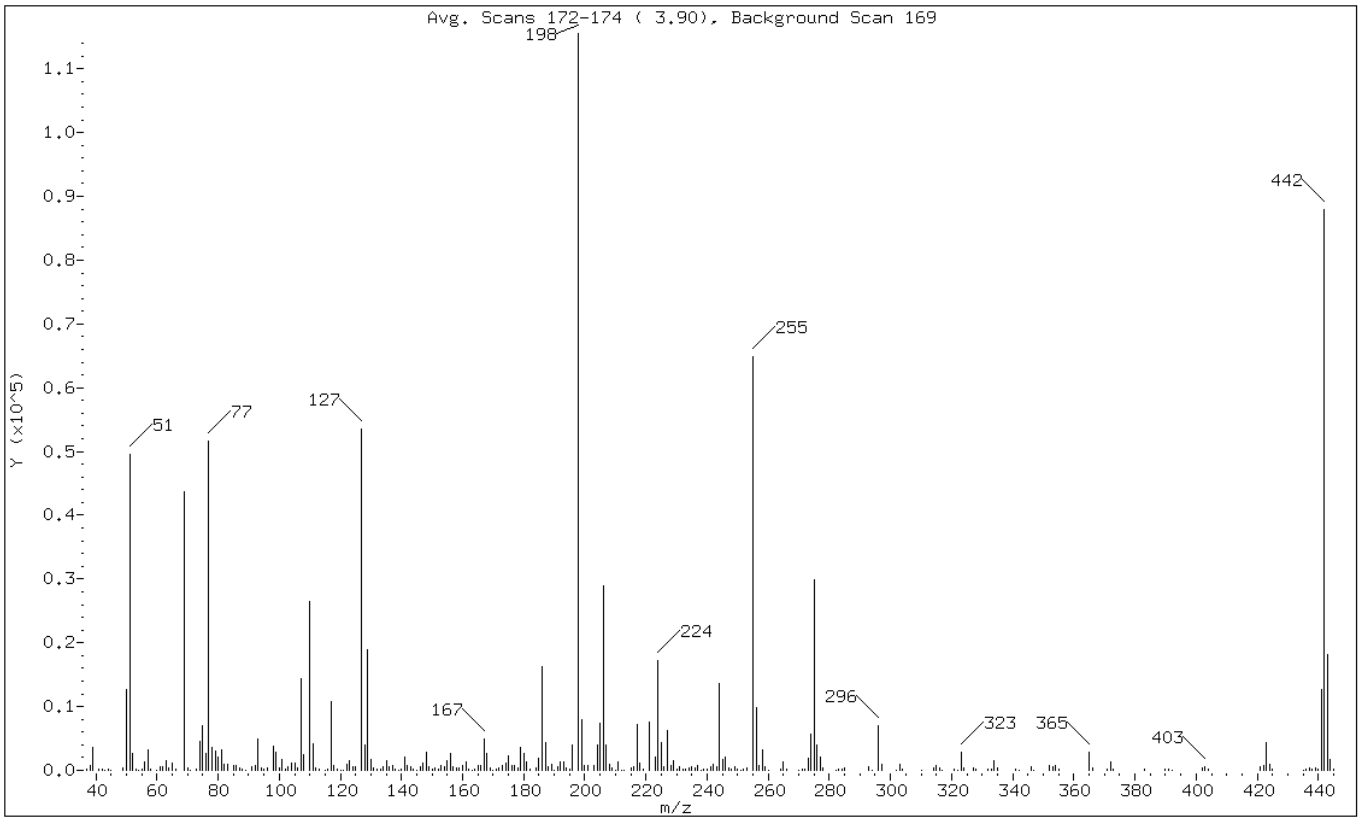
Data File: K1832.D

Date: 22-SEP-2011 15:39

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.85
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	37.79
70	Less than 2.00% of mass 69	0.27 (0.71)
127	40.00 - 60.00% of mass 198	46.30
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	25.92
365	Greater than 1.00% of mass 198	2.53
441	Present, but less than mass 443	11.02
442	40.00 - 100.00% of mass 198	76.17
443	17.00 - 23.00% of mass 442	15.66 (20.56)

Data File: K1832.D

Date: 22-SEP-2011 15:39

Client ID: DFTPP Instrument: K.i

Sample Info: DFTPP-376445 Operator: KIEKELD

Data File: \\DenSvr03\Public\chem\MSS\K.i\092211.b\K1832.D
Spectrum: Avg. Scans 172-174 (3.90), Background Scan 169
Location of Maximum: 198.00
Number of points: 277

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	182	120.00	80	192.00	1269	274.00	5587
38.00	755	121.00	59	193.00	1339	275.00	29944
39.00	3643	122.00	876	194.00	413	276.00	4044
41.00	128	123.00	1454	195.00	151	277.00	2079
42.00	202	124.00	533	196.00	3950	278.00	322
43.00	14	125.00	638	198.00	115536	282.00	73
44.00	200	127.00	53488	199.00	7952	283.00	263
45.00	53	128.00	4062	200.00	668	284.00	154
49.00	417	129.00	18904	201.00	734	285.00	388
50.00	12748	130.00	1743	203.00	810	293.00	627
51.00	49512	131.00	388	204.00	3982	294.00	92
52.00	2572	132.00	234	205.00	7329	296.00	6983
53.00	206	133.00	160	206.00	28904	297.00	998
54.00	55	134.00	575	207.00	4028	302.00	53
55.00	259	135.00	1506	208.00	966	303.00	944
56.00	1305	136.00	514	209.00	362	304.00	179
57.00	3259	137.00	793	210.00	93	310.00	71
58.00	152	138.00	184	211.00	1273	314.00	329
60.00	68	139.00	50	212.00	71	315.00	693
61.00	586	140.00	237	213.00	52	316.00	426
62.00	646	141.00	2130	215.00	409	317.00	50
63.00	1454	142.00	849	216.00	614	321.00	277
64.00	329	143.00	566	217.00	7134	322.00	60
65.00	1072	144.00	234	218.00	1109	323.00	2778
66.00	193	145.00	63	219.00	105	324.00	471
69.00	43656	146.00	516	221.00	7640	327.00	420
70.00	308	147.00	1154	223.00	2103	328.00	250
71.00	65	148.00	2809	224.00	17208	332.00	144
73.00	221	149.00	640	225.00	4357	333.00	243
74.00	4448	150.00	193	226.00	521	334.00	1471
75.00	6991	151.00	334	227.00	6286	335.00	328
76.00	2615	152.00	274	228.00	829	341.00	263
77.00	51576	153.00	780	229.00	1519	342.00	66
78.00	3594	154.00	654	230.00	240	346.00	552
79.00	3040	155.00	1432	231.00	536	347.00	56
80.00	2106	156.00	2555	232.00	102	352.00	791
81.00	3197	157.00	515	233.00	123	353.00	511
82.00	948	158.00	371	234.00	329	354.00	822
83.00	919	159.00	364	235.00	523	355.00	136
85.00	805	160.00	766	236.00	325	365.00	2919

86.00	696	161.00	1261	237.00	669	366.00	406
87.00	459	162.00	254	238.00	62	371.00	236
88.00	239	163.00	81	239.00	208	372.00	1240
89.00	65	164.00	143	240.00	98	373.00	244
91.00	549	165.00	773	241.00	511	383.00	245
92.00	727	166.00	762	242.00	960	390.00	136
93.00	4982	167.00	4984	243.00	565	391.00	189
94.00	442	168.00	2583	244.00	13555	392.00	77
95.00	244	169.00	445	245.00	1613	402.00	457
96.00	422	170.00	89	246.00	2131	403.00	620
98.00	3797	171.00	161	247.00	441	404.00	211
99.00	2910	172.00	458	248.00	130	421.00	651
100.00	319	173.00	705	249.00	483	422.00	753
101.00	1642	174.00	1063	250.00	123	423.00	4385
102.00	129	175.00	2247	251.00	61	424.00	856
103.00	651	176.00	730	252.00	205	425.00	132
104.00	1063	177.00	763	253.00	293	435.00	59
105.00	1103	178.00	306	255.00	64944	436.00	103
106.00	296	179.00	3661	256.00	9765	437.00	424
107.00	14301	180.00	2689	257.00	758	438.00	165
108.00	2435	181.00	1362	258.00	3305	439.00	317
110.00	26448	182.00	260	259.00	572	440.00	113
111.00	4096	184.00	368	260.00	74	441.00	12735
112.00	447	185.00	1958	264.00	102	442.00	88008
113.00	241	186.00	16221	265.00	1339	443.00	18096
115.00	52	187.00	4321	266.00	180	444.00	1680
116.00	258	188.00	478	270.00	54	445.00	111
117.00	10756	189.00	869	271.00	135		
118.00	816	190.00	71	272.00	230		
119.00	122	191.00	533	273.00	1847		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 280-86705/1-A

Matrix: Solid | Lab File ID: K1783.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.6(g) | Date Analyzed: 09/21/2011 17:07

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	30	U	300	30	46
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	300	30	45
120-82-1	1,2,4-Trichlorobenzene	30	U	300	30	26
95-50-1	1,2-Dichlorobenzene	30	U	300	30	20
122-66-7	1,2-Diphenylhydrazine	30	U	300	30	20
541-73-1	1,3-Dichlorobenzene	30	U	300	30	11
106-46-7	1,4-Dichlorobenzene	30	U	300	30	13
108-60-1	2,2'-oxybis[1-chloropropane]	30	U	300	30	21
58-90-2	2,3,4,6-Tetrachlorophenol	30	U	1500	30	130
95-95-4	2,4,5-Trichlorophenol	120	U	300	120	9.2
88-06-2	2,4,6-Trichlorophenol	61	U	300	61	9.2
120-83-2	2,4-Dichlorophenol	61	U	300	61	9.2
105-67-9	2,4-Dimethylphenol	120	U	300	120	61
51-28-5	2,4-Dinitrophenol	620	U	1500	620	310
121-14-2	2,4-Dinitrotoluene	120	U	300	120	61
87-65-0	2,6-Dichlorophenol	120	U	300	120	63
606-20-2	2,6-Dinitrotoluene	61	U	300	61	26
91-58-7	2-Chloronaphthalene	30	U	300	30	9.2
95-57-8	2-Chlorophenol	30	U	300	30	19
91-57-6	2-Methylnaphthalene	30	U	300	30	17
95-48-7	2-Methylphenol	30	U	300	30	12
88-74-4	2-Nitroaniline	61	U	1500	61	46
88-75-5	2-Nitrophenol	61	U	300	61	9.2
15831-10-4	3 & 4 Methylphenol	61	U	300	61	30
91-94-1	3,3'-Dichlorobenzidine	300	U	1500	300	83
99-09-2	3-Nitroaniline	120	U	1500	120	67
534-52-1	4,6-Dinitro-2-methylphenol	610	U	1500	610	300
101-55-3	4-Bromophenyl phenyl ether	30	U	300	30	17
59-50-7	4-Chloro-3-methylphenol	120	U	300	120	61
106-47-8	4-Chloroaniline	120	U	300	120	75
7005-72-3	4-Chlorophenyl phenyl ether	61	U	300	61	19
100-01-6	4-Nitroaniline	120	U	1500	120	67
100-02-7	4-Nitrophenol	300	U	1500	300	89
83-32-9	Acenaphthene	16	U	300	16	9.5

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 280-86705/1-A

Matrix: Solid | Lab File ID: K1783.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.6(g) | Date Analyzed: 09/21/2011 17:07

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	30	U	300	30	16
98-86-2	Acetophenone	30	U	300	30	18
120-12-7	Anthracene	30	U	300	30	16
1912-24-9	Atrazine	120	U	300	120	34
100-52-7	Benzaldehyde	62	U	300	62	36
92-87-5	Benzidine	3600	U	3700	3600	910
56-55-3	Benzo[a]anthracene	30	U	300	30	18
50-32-8	Benzo[a]pyrene	30	U	300	30	18
205-99-2	Benzo[b]fluoranthene	30	U	300	30	24
191-24-2	Benzo[g,h,i]perylene	30	U	300	30	15
207-08-9	Benzo[k]fluoranthene	61	U	300	61	37
65-85-0	Benzoic acid	610	U	1500	610	300
100-51-6	Benzyl alcohol	30	U	300	30	9.2
111-91-1	Bis(2-chloroethoxy)methane	61	U	300	61	21
111-44-4	Bis(2-chloroethyl)ether	30	U	300	30	15
117-81-7	Bis(2-ethylhexyl) phthalate	61	U	300	61	42
85-68-7	Butyl benzyl phthalate	61	U	300	61	40
105-60-2	Caprolactam	300	U	1500	300	98
86-74-8	Carbazole	62	U	300	62	33
218-01-9	Chrysene	30	U	300	30	25
53-70-3	Dibenz(a,h)anthracene	30	U	300	30	17
132-64-9	Dibenzofuran	30	U	300	30	18
84-66-2	Diethyl phthalate	30	U	610	30	24
131-11-3	Dimethyl phthalate	30	U	300	30	21
84-74-2	Di-n-butyl phthalate	30	U	300	30	27
117-84-0	Di-n-octyl phthalate	61	U	300	61	13
206-44-0	Fluoranthene	61	U	300	61	33
86-73-7	Fluorene	30	U	300	30	17
118-74-1	Hexachlorobenzene	61	U	300	61	27
87-68-3	Hexachlorobutadiene	61	U	300	61	9.2
77-47-4	Hexachlorocyclopentadiene	61	U	1600	61	46
67-72-1	Hexachloroethane	30	U	300	30	20
193-39-5	Indeno[1,2,3-cd]pyrene	30	U	300	30	20
78-59-1	Isophorone	30	U	300	30	16

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 280-86705/1-A

Matrix: Solid | Lab File ID: K1783.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 32.6(g) | Date Analyzed: 09/21/2011 17:07

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	61	U	300	61	29
98-95-3	Nitrobenzene	30	U	300	30	20
62-75-9	N-Nitrosodimethylamine	61	U	480	61	34
621-64-7	N-Nitrosodi-n-propylamine	61	U	300	61	29
86-30-6	N-Nitrosodiphenylamine	30	U	300	30	19
930-55-2	N-Nitrosopyrrolidine	120	U	300	120	59
87-86-5	Pentachlorophenol	620	U	1500	620	300
85-01-8	Phenanthrene	30	U	300	30	16
108-95-2	Phenol	30	U	300	30	17
129-00-0	Pyrene	30	U	370	30	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		35-125
321-60-8	2-Fluorobiphenyl	75		45-105
367-12-4	2-Fluorophenol (Surr)	75		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	80		35-100
4165-62-2	Phenol-d5 (Surr)	78		40-100
1718-51-0	Terphenyl-d14 (Surr)	80		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1783.D
Lab Smp Id: MB 280-86705/1-A
Inj Date : 21-SEP-2011 17:07
Operator : KIEKELD Inst ID: K.i
Smp Info : MB280-86705_1-A
Misc Info : MB 280-86705_1-A
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 10:15 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 9 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	32.600	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	215573	40.0000	
* 58 Naphthalene-d8	136	5.750	5.750	(1.000)	831509	40.0000	
* 96 Acenaphthene-d10	164	7.489	7.489	(1.000)	503376	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	897849	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	1051758	40.0000	
* 179 Perylene-d12	264	12.437	12.437	(1.000)	1025436	40.0000	
$ 8 2-Fluorophenol	112	3.365	3.353	(0.742)	822137	112.302	3444.86
$ 15 Phenol-d5	99	4.170	4.164	(0.920)	1031200	117.117	3592.54
$ 43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	608571	79.6515	2443.30
$ 81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1224732	74.7648	2293.40
$ 118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	369590	128.956	3955.71
$ 154 Terphenyl-d14	244	10.227	10.227	(0.916)	1613730	79.9621	2452.83
$ 29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	389205	74.0257	2270.73
$ 22 2-Chlorophenol-d4	132	4.328	4.328	(0.955)	873769	123.618	3791.98
4 1,4-Dioxane	88	Compound Not Detected.					
5 N-Nitrosodimethylamine	74	Compound Not Detected.					
6 Pyridine	79	Compound Not Detected.					
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
14	Benzaldehyde	106	Compound Not Detected.					
16	Phenol	94	Compound Not Detected.					
18	Aniline	93	Compound Not Detected.					
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	Compound Not Detected.					
23	2-Chlorophenol	128	Compound Not Detected.					
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	Compound Not Detected.					
27	1,4-Dichlorobenzene	146	Compound Not Detected.					
28	Benzyl alcohol	108	Compound Not Detected.					
30	1,2-Dichlorobenzene	146	Compound Not Detected.					
32	2-Methylphenol	108	Compound Not Detected.					
34	2,2'-oxybis(1-chloropropane)	45	Compound Not Detected.					
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	Compound Not Detected.					
36	4-Methylphenol	108	Compound Not Detected.					
139	3 & 4-Methylphenol	108	Compound Not Detected.					
37	N-nitrosodi-n-propylamine	70	Compound Not Detected.					
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	Compound Not Detected.					
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	Compound Not Detected.					
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	Compound Not Detected.					
49	2-Nitrophenol	139	Compound Not Detected.					
50	2,4-Dimethylphenol	107	Compound Not Detected.					
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	Compound Not Detected.					
53	Benzoic acid	122	Compound Not Detected.					
54	2,4-Dichlorophenol	162	Compound Not Detected.					
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	Compound Not Detected.					
59	Naphthalene	128	Compound Not Detected.					
60	4-Chloroaniline	127	Compound Not Detected.					
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	Compound Not Detected.					
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	Compound Not Detected.					
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	Compound Not Detected.					
72	1-Methylnaphthalene	142	Compound Not Detected.					
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	Compound Not Detected.					
80	2,4,5-Trichlorophenol	196	Compound Not Detected.					
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86	2-Chloronaphthalene	162	Compound Not Detected.					
88	2-Nitroaniline	65	Compound Not Detected.					
89	1,4-Naphthoquinone	158	Compound Not Detected.					
90	1,4-Dinitrobenzene	168	Compound Not Detected.					
91	Dimethyl phthalate	163	Compound Not Detected.					
92	1,3-Dinitrobenzene	168	Compound Not Detected.					
93	2,6-Dinitrotoluene	165	Compound Not Detected.					
94	Acenaphthylene	152	Compound Not Detected.					
95	3-Nitroaniline	138	Compound Not Detected.					
97	Acenaphthene	153	Compound Not Detected.					
98	2,4-Dinitrophenol	184	Compound Not Detected.					
99	4-Nitrophenol	109	Compound Not Detected.					
100	Pentachlorobenzene	250	Compound Not Detected.					
101	2,4-Dinitrotoluene	165	Compound Not Detected.					
102	Dibenzofuran	168	Compound Not Detected.					
103	1-Naphthylamine	143	Compound Not Detected.					
104	2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106	2-Naphthylamine	143	Compound Not Detected.					
107	Diethyl phthalate	149	Compound Not Detected.					
108	Thionazin	97	Compound Not Detected.					
109	4-Chlorophenyl phenyl ether	204	Compound Not Detected.					
110	Fluorene	166	Compound Not Detected.					
111	5-Nitro-o-toluidine	152	Compound Not Detected.					
112	4-Nitroaniline	138	Compound Not Detected.					
113	4,6-Dinitro-2-methylphenol	198	Compound Not Detected.					
115	N-nitrosodiphenylamine	169	Compound Not Detected.					
114	Diphenylamine	169	Compound Not Detected.					
116	Azobenzene	77	Compound Not Detected.					
234	1,2-DPH(as Azobenzene)	77	Compound Not Detected.					
117	Sulfotepp	97	Compound Not Detected.					
119	Diallate (#1)	86	Compound Not Detected.					
120	1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121	Phorate	121	Compound Not Detected.					
122	Phenacetin	108	Compound Not Detected.					
123	Diallate (#2)	86	Compound Not Detected.					
124	4-Bromophenyl phenyl ether	248	Compound Not Detected.					
125	Hexachlorobenzene	284	Compound Not Detected.					
126	Dimethoate	87	Compound Not Detected.					
127	Atrazine	200	Compound Not Detected.					
129	Pentachlorophenol	266	Compound Not Detected.					
130	4-Aminobiphenyl	169	Compound Not Detected.					
131	Pentachloronitrobenzene	237	Compound Not Detected.					
132	Pronamide	173	Compound Not Detected.					
133	Disulfoton	88	Compound Not Detected.					
134	2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136	Phenanthrene	178	Compound Not Detected.					
137	Anthracene	178	Compound Not Detected.					
140	Carbazole	167	Compound Not Detected.					
141	Alachlor	188	Compound Not Detected.					
142	Methyl parathion	109	Compound Not Detected.					
143	Di-n-butyl phthalate	149	Compound Not Detected.					
145	Parathion	109	Compound Not Detected.					
146	4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147	Methapyrilene	97	Compound Not Detected.					

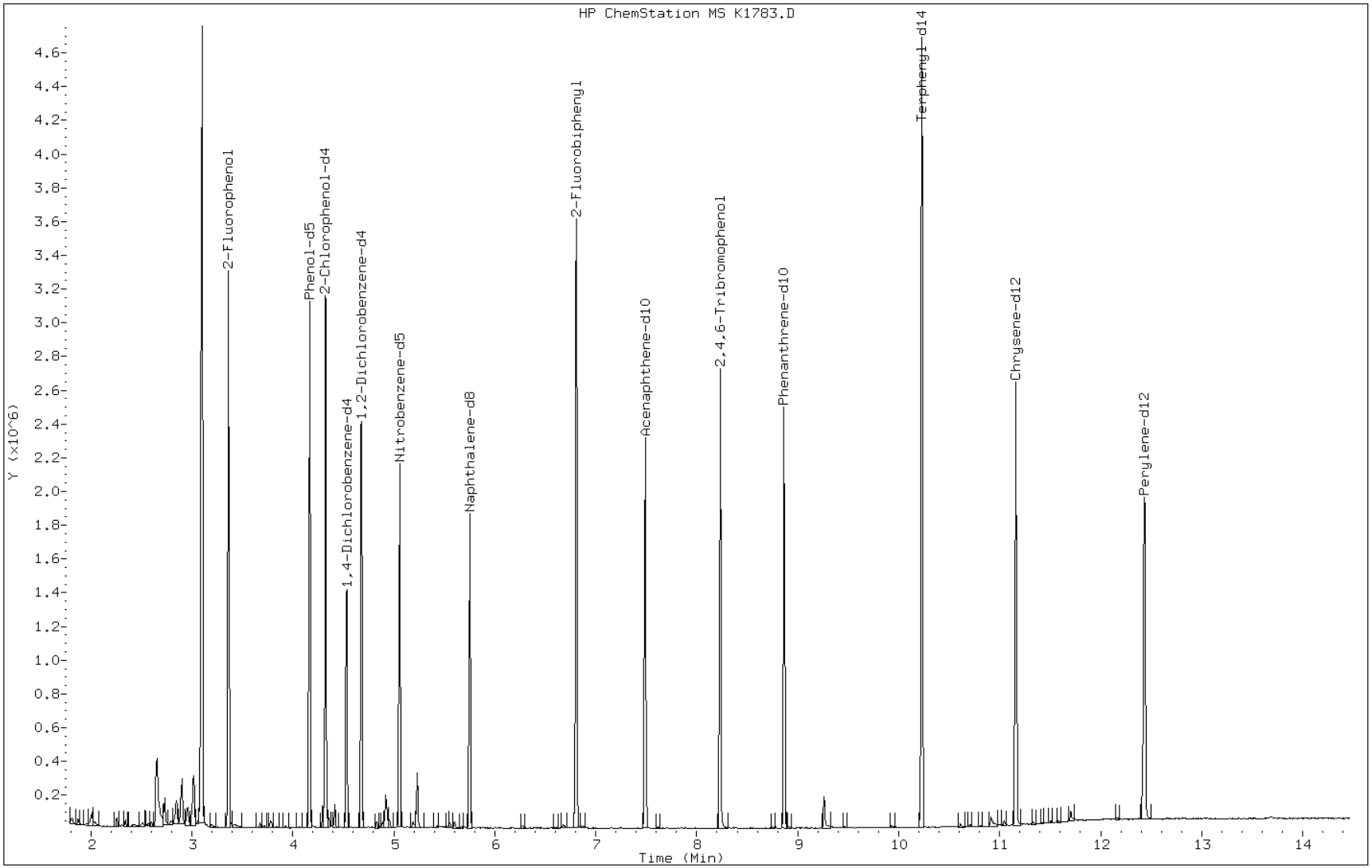
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	Compound Not Detected.					
151	Benzidine	184	Compound Not Detected.					
152	Pyrene	202	Compound Not Detected.					
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	Compound Not Detected.					
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	Compound Not Detected.					
164	3 3'-Dichlorobenzidine	252	Compound Not Detected.					
165	Benzo(a)anthracene	228	Compound Not Detected.					
167	Chrysene	228	Compound Not Detected.					
168	Di-n-octyl phthalate	149	Compound Not Detected.					
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	Compound Not Detected.					
172	Benzo(k)fluoranthene	252	Compound Not Detected.					
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	Compound Not Detected.					
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	Compound Not Detected.					
186	Indeno(1,2,3-cd)pyrene	276	Compound Not Detected.					
188	Benzo(g,h,i)perylene	276	Compound Not Detected.					
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

Data File: K1783.D

Date: 21-SEP-2011 17:07

Client ID: Instrument: K.i

Sample Info: MB280-86705_1-A Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86705/2-A

Matrix: Solid | Lab File ID: K1784.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.0(g) | Date Analyzed: 09/21/2011 17:27

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
120-82-1	1,2,4-Trichlorobenzene	1850		330	33	28
95-50-1	1,2-Dichlorobenzene	1910		330	33	22
122-66-7	1,2-Diphenylhydrazine	2110		330	33	22
541-73-1	1,3-Dichlorobenzene	1860		330	33	12
106-46-7	1,4-Dichlorobenzene	1860		330	33	14
108-60-1	2,2'-oxybis[1-chloropropane]	2060		330	33	23
95-95-4	2,4,5-Trichlorophenol	2130		330	130	10
88-06-2	2,4,6-Trichlorophenol	2140		330	66	10
120-83-2	2,4-Dichlorophenol	2030		330	66	10
105-67-9	2,4-Dimethylphenol	1890		330	130	66
51-28-5	2,4-Dinitrophenol	2370		1600	670	330
121-14-2	2,4-Dinitrotoluene	2440		330	130	66
606-20-2	2,6-Dinitrotoluene	2180		330	66	28
91-58-7	2-Chloronaphthalene	1960		330	33	10
95-57-8	2-Chlorophenol	2000		330	33	21
91-57-6	2-Methylnaphthalene	1950		330	33	19
95-48-7	2-Methylphenol	1950		330	33	13
88-74-4	2-Nitroaniline	2290		1600	66	50
88-75-5	2-Nitrophenol	2220		330	66	10
15831-10-4	3 & 4 Methylphenol	3680		330	66	33
91-94-1	3,3'-Dichlorobenzidine	1710		1600	330	90
99-09-2	3-Nitroaniline	1860		1600	130	73
534-52-1	4,6-Dinitro-2-methylphenol	2420		1600	660	330
101-55-3	4-Bromophenyl phenyl ether	2130		330	33	19
59-50-7	4-Chloro-3-methylphenol	2100		330	130	66
106-47-8	4-Chloroaniline	1360		330	130	82
7005-72-3	4-Chlorophenyl phenyl ether	2100		330	66	21
100-01-6	4-Nitroaniline	2240		1600	130	73
100-02-7	4-Nitrophenol	2230		1600	330	97
83-32-9	Acenaphthene	1980		330	17	10
208-96-8	Acenaphthylene	2080		330	33	17
120-12-7	Anthracene	2140		330	33	17
92-87-5	Benzidine	4000	U	4000	4000	990
56-55-3	Benzo[a]anthracene	2100		330	33	20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86705/2-A

Matrix: Solid | Lab File ID: K1784.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.0(g) | Date Analyzed: 09/21/2011 17:27

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
50-32-8	Benzo[a]pyrene	1980		330	33	20
205-99-2	Benzo[b]fluoranthene	1990		330	33	26
191-24-2	Benzo[g,h,i]perylene	2210		330	33	16
207-08-9	Benzo[k]fluoranthene	2200		330	66	40
65-85-0	Benzoic acid	2060		1600	660	330
100-51-6	Benzyl alcohol	2010		330	33	10
111-91-1	Bis(2-chloroethoxy)methane	1980		330	66	23
111-44-4	Bis(2-chloroethyl)ether	2130		330	33	17
117-81-7	Bis(2-ethylhexyl) phthalate	2270		330	66	46
85-68-7	Butyl benzyl phthalate	2180		330	66	43
86-74-8	Carbazole	2110		330	67	36
218-01-9	Chrysene	2120		330	33	27
53-70-3	Dibenz(a,h)anthracene	2220		330	33	19
132-64-9	Dibenzofuran	2050		330	33	20
84-66-2	Diethyl phthalate	2140		660	33	26
131-11-3	Dimethyl phthalate	2090		330	33	23
84-74-2	Di-n-butyl phthalate	2220		330	33	29
117-84-0	Di-n-octyl phthalate	2320		330	66	14
206-44-0	Fluoranthene	2180		330	66	36
86-73-7	Fluorene	2080		330	33	18
118-74-1	Hexachlorobenzene	2160		330	66	29
87-68-3	Hexachlorobutadiene	1890		330	66	10
77-47-4	Hexachlorocyclopentadiene	1910		1700	66	50
67-72-1	Hexachloroethane	1840		330	33	21
193-39-5	Indeno[1,2,3-cd]pyrene	2080		330	33	22
78-59-1	Isophorone	2000		330	33	17
91-20-3	Naphthalene	1970		330	66	31
98-95-3	Nitrobenzene	2030		330	33	22
62-75-9	N-Nitrosodimethylamine	1870		520	66	37
621-64-7	N-Nitrosodi-n-propylamine	2050		330	66	31
86-30-6	N-Nitrosodiphenylamine	1800		330	33	21
87-86-5	Pentachlorophenol	2130		1600	670	330
85-01-8	Phenanthrene	2130		330	33	17
108-95-2	Phenol	2000		330	33	18

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86705/2-A

Matrix: Solid | Lab File ID: K1784.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.0(g) | Date Analyzed: 09/21/2011 17:27

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
129-00-0	Pyrene	2130		400	33	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	90		35-125
321-60-8	2-Fluorobiphenyl	76		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	78		35-100
4165-62-2	Phenol-d5 (Surr)	78		40-100
1718-51-0	Terphenyl-d14 (Surr)	83		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1784.D
Lab Smp Id: LCS 280-86705/2-A
Inj Date : 21-SEP-2011 17:27
Operator : KIEKELD Inst ID: K.i
Smp Info : LCS280-86705_2-A
Misc Info : LCS 280-86705_2-A
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 10:15 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 10 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HSL-9H-LCS.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.000	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 26	1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	211275	40.0000	
* 58	Naphthalene-d8	136	5.756	5.750	(1.000)	823215	40.0000	
* 96	Acenaphthene-d10	164	7.489	7.489	(1.000)	491221	40.0000	
* 135	Phenanthrene-d10	188	8.864	8.864	(1.000)	851906	40.0000	
* 166	Chrysene-d12	240	11.162	11.162	(1.000)	988299	40.0000	
* 179	Perylene-d12	264	12.437	12.437	(1.000)	983499	40.0000	
$ 8	2-Fluorophenol	112	3.365	3.353	(0.742)	794420	110.724	3690.80
$ 15	Phenol-d5	99	4.170	4.164	(0.920)	1005147	116.480	3882.67
$ 43	Nitrobenzene-d5	82	5.063	5.063	(0.880)	588739	77.8322	2594.41
$ 81	2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1207759	75.5531	2518.44
$ 118	2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	376918	134.767	4492.25
$ 154	Terphenyl-d14	244	10.227	10.227	(0.916)	1581773	83.4113	2780.38
$ 29	1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	375992	72.9674	2432.25
$ 22	2-Chlorophenol-d4	132	4.328	4.328	(0.955)	838173	120.995	4033.16
4	1,4-Dioxane	88	2.043	2.043	(0.451)	93650	29.4419	981.396
6	Pyridine	79	2.319	2.319	(0.512)	354939	39.9673	1332.24
5	N-Nitrosodimethylamine	74	2.284	2.284	(0.504)	276930	56.1512	1871.71
18	Aniline	93	4.234	4.234	(0.934)	487196	43.6626	1455.42
16	Phenol	94	4.181	4.181	(0.922)	539660	59.9663	1998.88
20	Bis(2-chloroethyl) ether	93	4.270	4.270	(0.942)	414830	63.8743	2129.14
23	2-Chlorophenol	128	4.340	4.340	(0.957)	438988	59.8509	1995.03
25	1,3-Dichlorobenzene	146	4.481	4.481	(0.988)	488045	55.8200	1860.67

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
27	1,4-Dichlorobenzene	146	4.546	4.546	(1.003)	488384	55.8168	1860.56
28	Benzyl alcohol	108	4.652	4.651	(1.026)	291576	60.4111	2013.70
30	1,2-Dichlorobenzene	146	4.693	4.693	(1.035)	464225	57.2487	1908.29
32	2-Methylphenol	108	4.740	4.740	(1.045)	396564	58.4324	1947.75
34	2,2'-oxybis(1-chloropropane)	45	4.757	4.757	(1.049)	653096	61.9319	2064.40(Q)
138	3-Methylphenol	108	4.887	4.887	(1.078)	786466	110.435	3681.16
36	4-Methylphenol	108	4.887	4.887	(1.078)	786466	110.435	3681.16
139	3 & 4-Methylphenol	108	4.887	4.887	(1.078)	786466	110.435	3681.16
37	N-nitrosodi-n-propylamine	70	4.892	4.892	(1.079)	299991	61.3695	2045.65
41	Hexachloroethane	117	5.010	5.010	(1.105)	177342	55.2309	1841.03
44	Nitrobenzene	77	5.080	5.080	(0.883)	451531	61.0358	2034.52
47	Isophorone	82	5.292	5.292	(0.919)	774586	60.0596	2001.99
49	2-Nitrophenol	139	5.380	5.380	(0.935)	246830	66.6391	2221.30
50	2,4-Dimethylphenol	107	5.392	5.392	(0.937)	387745	56.8228	1894.09
52	Bis(2-chloroethoxy)methane	93	5.486	5.486	(0.953)	477300	59.4293	1980.98
53	Benzoic acid	122	5.492	5.498	(0.954)	249128	61.7415	2058.05
54	2,4-Dichlorophenol	162	5.609	5.609	(0.974)	392757	60.9527	2031.76
57	1,2,4-Trichlorobenzene	180	5.691	5.691	(0.989)	419767	55.4825	1849.42
59	Naphthalene	128	5.774	5.780	(1.003)	1208005	59.2362	1974.54
60	4-Chloroaniline	127	5.827	5.827	(1.012)	361472	40.8617	1362.06
62	Hexachlorobutadiene	225	5.874	5.874	(1.020)	251717	56.8301	1894.34
68	4-Chloro-3-methylphenol	107	6.285	6.291	(1.092)	384292	63.0412	2101.37
71	2-Methylnaphthalene	142	6.455	6.455	(1.121)	807421	58.4766	1949.22
72	1-Methylnaphthalene	142	6.555	6.555	(1.139)	798753	60.4227	2014.09
74	Hexachlorocyclopentadiene	237	6.596	6.596	(0.881)	299447	57.2464	1908.21
78	2,4,6-Trichlorophenol	196	6.731	6.731	(0.899)	323637	64.3181	2143.94
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.904)	356693	63.8782	2129.27
86	2-Chloronaphthalene	162	6.949	6.949	(0.928)	825807	58.9025	1963.42
88	2-Nitroaniline	65	7.055	7.055	(0.942)	279100	68.7203	2290.68
91	Dimethyl phthalate	163	7.207	7.207	(0.962)	948871	62.7409	2091.36
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.973)	228791	65.3819	2179.40
94	Acenaphthylene	152	7.360	7.360	(0.983)	1307503	62.3411	2078.04
95	3-Nitroaniline	138	7.460	7.460	(0.996)	215300	55.8978	1863.26
97	Acenaphthene	153	7.525	7.525	(1.005)	804943	59.4802	1982.67
98	2,4-Dinitrophenol	184	7.554	7.554	(1.009)	151336	70.9829	2366.10
99	4-Nitrophenol	109	7.607	7.607	(1.016)	144161	66.8628	2228.76
101	2,4-Dinitrotoluene	165	7.672	7.672	(1.024)	306957	73.2575	2441.92
102	Dibenzofuran	168	7.683	7.689	(1.026)	1148563	61.4647	2048.82
107	Diethyl phthalate	149	7.865	7.865	(1.050)	920631	64.0698	2135.66
109	4-Chlorophenyl phenyl ether	204	7.989	7.989	(1.067)	512302	62.9686	2098.95
110	Fluorene	166	8.006	8.012	(1.069)	979399	62.3568	2078.56
112	4-Nitroaniline	138	8.042	8.048	(1.074)	251734	67.3018	2243.39
113	4,6-Dinitro-2-methylphenol	198	8.053	8.053	(0.909)	212377	72.5353	2417.84
115	N-nitrosodiphenylamine	169	8.106	8.106	(0.914)	751786	53.9503	1798.34
116	Azobenzene	77	8.136	8.142	(1.086)	940214	62.6066	2086.89
234	1,2-DPH(as Azobenzene)	77	8.136	8.142	(1.086)	940214	63.2937	2109.79
124	4-Bromophenyl phenyl ether	248	8.441	8.441	(0.952)	335581	64.0406	2134.68
125	Hexachlorobenzene	284	8.512	8.512	(0.960)	368381	64.8194	2160.65
129	Pentachlorophenol	266	8.688	8.688	(0.980)	249065	63.9389	2131.30
136	Phenanthrene	178	8.888	8.888	(1.003)	1458241	63.9302	2131.00
137	Anthracene	178	8.935	8.935	(1.008)	1489864	64.1390	2137.96
140	Carbazole	167	9.076	9.076	(1.024)	1354248	63.3881	2112.94
143	Di-n-butyl phthalate	149	9.311	9.311	(1.050)	1547827	66.4983	2216.61
149	Fluoranthene	202	9.934	9.934	(1.121)	1724009	65.3164	2177.21
151	Benzidine	184	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
152 Pyrene	202	10.139	10.139	(0.908)	1767871	64.0155	2133.85
159 Butyl benzyl phthalate	149	10.609	10.609	(0.951)	659307	65.4684	2182.28
164 3 3'-Dichlorobenzidine	252	11.115	11.115	(0.996)	519303	51.1838	1706.13
165 Benzo(a)anthracene	228	11.150	11.156	(0.999)	1720521	63.0707	2102.36
167 Chrysene	228	11.185	11.191	(1.002)	1678567	63.5334	2117.78
162 Bis(2-ethylhexyl) phthalate	149	11.044	11.050	(0.989)	959197	68.1287	2270.96
168 Di-n-octyl phthalate	149	11.567	11.573	(1.036)	1644777	69.7099	2323.66
171 Benzo(b)fluoranthene	252	12.055	12.066	(0.969)	1682735	59.6521	1988.40
172 Benzo(k)fluoranthene	252	12.084	12.090	(0.972)	2032728	65.9283	2197.61
178 Benzo(a)pyrene	252	12.378	12.390	(0.995)	1570136	59.5297	1984.32
186 Indeno(1,2,3-cd)pyrene	276	13.682	13.694	(1.226)	1906058	62.4387	2081.29
185 Dibenz(a,h)anthracene	278	13.676	13.688	(1.100)	1621936	66.7282	2224.27
188 Benzo(g,h,i)perylene	276	14.070	14.082	(1.131)	1724141	66.1842	2206.14

QC Flag Legend

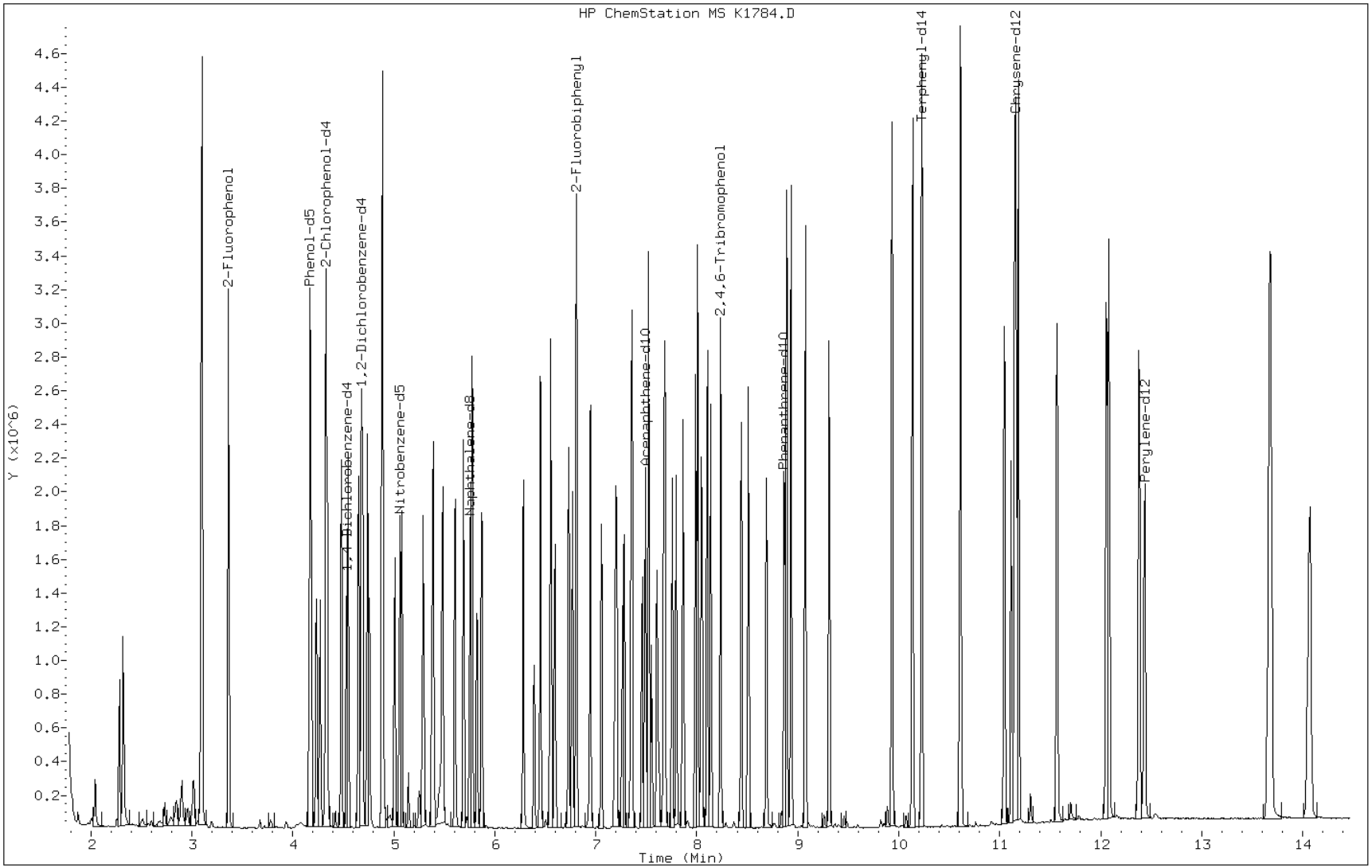
Q - Qualifier signal failed the ratio test.

Data File: K1784.D

Date: 21-SEP-2011 17:27

Client ID: Instrument: K.i

Sample Info: LCS280-86705_2-A Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS | Lab Sample ID: 280-20042-2 MS

Matrix: Solid | Lab File ID: K1801.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.1(g) | Date Analyzed: 09/21/2011 23:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	42	U	420	42	64
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	420	42	62
120-82-1	1,2,4-Trichlorobenzene	2070		420	42	36
95-50-1	1,2-Dichlorobenzene	2040		420	42	28
122-66-7	1,2-Diphenylhydrazine	2720		420	42	28
541-73-1	1,3-Dichlorobenzene	1930		420	42	15
106-46-7	1,4-Dichlorobenzene	1960		420	42	17
108-60-1	2,2'-oxybis[1-chloropropane]	2270		420	42	29
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	2000	42	170
95-95-4	2,4,5-Trichlorophenol	2850		420	170	13
88-06-2	2,4,6-Trichlorophenol	2920		420	84	13
120-83-2	2,4-Dichlorophenol	2630		420	84	13
105-67-9	2,4-Dimethylphenol	2610		420	170	84
51-28-5	2,4-Dinitrophenol	1430	J	2000	850	420
121-14-2	2,4-Dinitrotoluene	3150		420	170	84
87-65-0	2,6-Dichlorophenol	170	U	420	170	88
606-20-2	2,6-Dinitrotoluene	2890		420	84	36
91-58-7	2-Chloronaphthalene	2500		420	42	13
95-57-8	2-Chlorophenol	2250		420	42	27
91-57-6	2-Methylnaphthalene	2340		420	42	24
95-48-7	2-Methylphenol	2320		420	42	17
88-74-4	2-Nitroaniline	3080		2000	84	64
88-75-5	2-Nitrophenol	2540		420	84	13
15831-10-4	3 & 4 Methylphenol	4480		420	84	42
91-94-1	3,3'-Dichlorobenzidine	1840	J	2000	420	110
99-09-2	3-Nitroaniline	2890		2000	170	93
534-52-1	4,6-Dinitro-2-methylphenol	1920	J	2000	840	420
101-55-3	4-Bromophenyl phenyl ether	2870		420	42	24
59-50-7	4-Chloro-3-methylphenol	2790		420	170	84
106-47-8	4-Chloroaniline	1970		420	170	100
7005-72-3	4-Chlorophenyl phenyl ether	2840		420	84	27
100-01-6	4-Nitroaniline	2980		2000	170	92
100-02-7	4-Nitrophenol	2870		2000	420	120
83-32-9	Acenaphthene	2630		420	22	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS | Lab Sample ID: 280-20042-2 MS

Matrix: Solid | Lab File ID: K1801.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.1(g) | Date Analyzed: 09/21/2011 23:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	2720		420	42	22
98-86-2	Acetophenone	42	U	420	42	26
120-12-7	Anthracene	2860		420	42	22
1912-24-9	Atrazine	170	U	420	170	47
100-52-7	Benzaldehyde	85	U	420	85	50
92-87-5	Benzidine	5000	U	5100	5000	1300
56-55-3	Benzo[a]anthracene	2840		420	42	26
50-32-8	Benzo[a]pyrene	2650		420	42	26
205-99-2	Benzo[b]fluoranthene	2850		420	42	33
191-24-2	Benzo[g,h,i]perylene	2890		420	42	20
207-08-9	Benzo[k]fluoranthene	2730		420	84	51
65-85-0	Benzoic acid	1700	J	2000	840	420
100-51-6	Benzyl alcohol	2360		420	42	13
111-91-1	Bis(2-chloroethoxy)methane	2300		420	84	29
111-44-4	Bis(2-chloroethyl)ether	2400		420	42	21
117-81-7	Bis(2-ethylhexyl) phthalate	3120		420	84	59
85-68-7	Butyl benzyl phthalate	2950		420	84	55
105-60-2	Caprolactam	420	U	2000	420	140
86-74-8	Carbazole	2800		420	85	46
218-01-9	Chrysene	2890		420	42	34
53-70-3	Dibenz(a,h)anthracene	2910		420	42	24
132-64-9	Dibenzofuran	2720		420	42	26
84-66-2	Diethyl phthalate	2810		840	42	33
131-11-3	Dimethyl phthalate	2730		420	42	29
84-74-2	Di-n-butyl phthalate	2970		420	42	37
117-84-0	Di-n-octyl phthalate	3100		420	84	18
206-44-0	Fluoranthene	2900		420	84	46
86-73-7	Fluorene	2730		420	42	23
118-74-1	Hexachlorobenzene	2880		420	84	37
87-68-3	Hexachlorobutadiene	2120		420	84	13
77-47-4	Hexachlorocyclopentadiene	84	U J	2200	84	64
67-72-1	Hexachloroethane	1740		420	42	27
193-39-5	Indeno[1,2,3-cd]pyrene	2850		420	42	28
78-59-1	Isophorone	2280		420	42	22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS | Lab Sample ID: 280-20042-2 MS

Matrix: Solid | Lab File ID: K1801.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 30.1(g) | Date Analyzed: 09/21/2011 23:06

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	2280		420	84	40
98-95-3	Nitrobenzene	2310		420	42	28
62-75-9	N-Nitrosodimethylamine	2030		660	84	47
621-64-7	N-Nitrosodi-n-propylamine	2070		420	84	40
86-30-6	N-Nitrosodiphenylamine	2500		420	42	27
930-55-2	N-Nitrosopyrrolidine	170	U	420	170	82
87-86-5	Pentachlorophenol	2000		2000	850	420
85-01-8	Phenanthrene	2870		420	42	22
108-95-2	Phenol	2300		420	42	23
129-00-0	Pyrene	2970		510	42	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	91		35-125
321-60-8	2-Fluorobiphenyl	73		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	68		35-100
4165-62-2	Phenol-d5 (Surr)	69		40-100
1718-51-0	Terphenyl-d14 (Surr)	88		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1801.D
Lab Smp Id: 280-20042-A-2-G MS Client Smp ID: TMCSD0201FA
Inj Date : 21-SEP-2011 23:06
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-2-GMS
Misc Info : 280-20042-A-2-G MS
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 27 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	30.100	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	231007	40.0000	
* 58 Naphthalene-d8	136	5.756	5.750	(1.000)	881276	40.0000	
* 96 Acenaphthene-d10	164	7.490	7.489	(1.000)	514822	40.0000	
* 135 Phenanthrene-d10	188	8.864	8.864	(1.000)	861539	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	954145	40.0000	
* 179 Perylene-d12	264	12.431	12.437	(1.000)	983981	40.0000	
$ 8 2-Fluorophenol	112	3.365	3.353	(0.742)	763504	97.3253	3233.40
$ 15 Phenol-d5	99	4.176	4.164	(0.921)	981228	103.996	3455.00
$ 43 Nitrobenzene-d5	82	5.063	5.063	(0.880)	554368	68.4598	2274.41
$ 81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	1230628	73.4545	2440.35
$ 118 2,4,6-Tribromophenol	330	8.242	8.241	(1.100)	398213	135.854	4513.43
$ 154 Terphenyl-d14	244	10.228	10.227	(0.916)	1609972	87.9373	2921.50
$ 29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	338580	60.0945	1996.49
$ 22 2-Chlorophenol-d4	132	4.329	4.328	(0.955)	802025	105.887	3517.85
4 1,4-Dioxane	88	2.049	2.043	(0.452)	82415	23.6967	787.264
5 N-Nitrosodimethylamine	74	2.284	2.284	(0.504)	257213	47.6985	1584.67
6 Pyridine	79	2.325	2.319	(0.513)	331991	34.1901	1135.88
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
14	Benzaldehyde	106	Compound Not Detected.					
16	Phenol	94	4.188	4.181	(0.924)	531985	54.0641	1796.15
18	Aniline	93	4.235	4.234	(0.934)	468516	38.4019	1275.81
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	4.270	4.270	(0.942)	401533	56.5458	1878.60
23	2-Chlorophenol	128	4.346	4.340	(0.959)	423604	52.8203	1754.83
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	4.481	4.481	(0.988)	434820	45.4844	1511.11
27	1,4-Dichlorobenzene	146	4.552	4.546	(1.004)	440923	46.0882	1531.17
28	Benzyl alcohol	108	4.652	4.651	(1.026)	293285	55.5748	1846.34
30	1,2-Dichlorobenzene	146	4.693	4.693	(1.035)	424642	47.8942	1591.17
32	2-Methylphenol	108	4.740	4.740	(1.045)	404500	54.5107	1810.99
34	2,2'-oxybis(1-chloropropane)	45	4.757	4.757	(1.049)	616121	53.4351	1775.25(Q)
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	4.887	4.887	(1.078)	821118	105.452	3503.38
36	4-Methylphenol	108	4.887	4.887	(1.078)	821118	105.452	3503.38
139	3 & 4-Methylphenol	108	4.887	4.887	(1.078)	821118	105.452	3503.38
37	N-nitrosodi-n-propylamine	70	4.887	4.892	(1.078)	259768	48.6019	1614.68
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	5.010	5.010	(1.105)	143841	40.9710	1361.16
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	5.081	5.080	(0.883)	429580	54.2428	1802.09
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	5.292	5.292	(0.919)	739074	53.5306	1778.42
49	2-Nitrophenol	139	5.380	5.380	(0.935)	236550	59.6562	1981.93
50	2,4-Dimethylphenol	107	5.398	5.392	(0.938)	447824	61.3035	2036.66
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	5.486	5.486	(0.953)	464847	54.0656	1796.20
53	Benzoic acid	122	5.492	5.498	(0.954)	173099	40.0729	1331.32
54	2,4-Dichlorophenol	162	5.609	5.609	(0.974)	427564	61.9828	2059.23
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	5.692	5.691	(0.989)	395011	48.7706	1620.29
59	Naphthalene	128	5.774	5.780	(1.003)	1168491	53.5236	1778.19
60	4-Chloroaniline	127	5.827	5.827	(1.012)	438175	46.2691	1537.18
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	5.874	5.874	(1.020)	237021	49.9866	1660.68
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	6.285	6.291	(1.092)	428594	65.6766	2181.95
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	6.456	6.455	(1.121)	813810	55.0562	1829.11
72	1-Methylnaphthalene	142	6.555	6.555	(1.139)	805304	56.9048	1890.52
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	6.732	6.731	(0.899)	362608	68.7594	2284.36
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.904)	392277	67.0303	2226.92
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86 2-Chloronaphthalene	162	6.949	6.949	(0.928)	864625	58.8440	1954.95
88 2-Nitroaniline	65	7.061	7.055	(0.943)	308229	72.4133	2405.76
89 1,4-Naphthoquinone	158	Compound Not Detected.					
90 1,4-Dinitrobenzene	168	Compound Not Detected.					
91 Dimethyl phthalate	163	7.208	7.207	(0.962)	1017875	64.2182	2133.49
92 1,3-Dinitrobenzene	168	Compound Not Detected.					
93 2,6-Dinitrotoluene	165	7.284	7.284	(0.973)	249075	67.9154	2256.32
94 Acenaphthylene	152	7.360	7.360	(0.983)	1408347	64.0710	2128.60
95 3-Nitroaniline	138	7.460	7.460	(0.996)	274494	67.9991	2259.11
97 Acenaphthene	153	7.525	7.525	(1.005)	877589	61.8754	2055.66
98 2,4-Dinitrophenol	184	7.560	7.554	(1.009)	75047	33.5865	1115.83
99 4-Nitrophenol	109	7.613	7.607	(1.016)	152437	67.4601	2241.20
100 Pentachlorobenzene	250	Compound Not Detected.					
101 2,4-Dinitrotoluene	165	7.672	7.672	(1.024)	325396	74.0980	2461.73
102 Dibenzofuran	168	7.683	7.689	(1.026)	1252213	63.9394	2124.23
103 1-Naphthylamine	143	Compound Not Detected.					
104 2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106 2-Naphthylamine	143	Compound Not Detected.					
107 Diethyl phthalate	149	7.866	7.865	(1.050)	994231	66.0199	2193.35
108 Thionazin	97	Compound Not Detected.					
109 4-Chlorophenyl phenyl ether	204	7.989	7.989	(1.067)	568838	66.7124	2216.36
110 Fluorene	166	8.007	8.012	(1.069)	1057031	64.2143	2133.36
111 5-Nitro-o-toluidine	152	Compound Not Detected.					
112 4-Nitroaniline	138	8.048	8.048	(1.075)	274989	70.1487	2330.52
113 4,6-Dinitro-2-methylphenol	198	8.054	8.053	(0.909)	133738	45.1662	1500.54
115 N-nitrosodiphenylamine	169	8.107	8.106	(0.915)	829082	58.8320	1954.55
114 Diphenylamine	169	Compound Not Detected.					
116 Azobenzene	77	8.136	8.142	(1.086)	995593	63.2550	2101.50
234 1,2-DPH(as Azobenzene)	77	8.136	8.142	(1.086)	995593	63.9492	2124.56
117 Sulfotepp	97	Compound Not Detected.					
119 Diallate (#1)	86	Compound Not Detected.					
120 1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121 Phorate	121	Compound Not Detected.					
122 Phenacetin	108	Compound Not Detected.					
123 Diallate (#2)	86	Compound Not Detected.					
124 4-Bromophenyl phenyl ether	248	8.441	8.441	(0.952)	357595	67.4786	2241.81
125 Hexachlorobenzene	284	8.512	8.512	(0.960)	389155	67.7091	2249.47
126 Dimethoate	87	Compound Not Detected.					
127 Atrazine	200	Compound Not Detected.					
129 Pentachlorophenol	266	8.688	8.688	(0.980)	185675	47.1327	1565.87
130 4-Aminobiphenyl	169	Compound Not Detected.					
131 Pentachloronitrobenzene	237	Compound Not Detected.					
132 Pronamide	173	Compound Not Detected.					
133 Disulfoton	88	Compound Not Detected.					
134 2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136 Phenanthrene	178	8.888	8.888	(1.003)	1556230	67.4632	2241.30
137 Anthracene	178	8.935	8.935	(1.008)	1578094	67.1777	2231.82
140 Carbazole	167	9.076	9.076	(1.024)	1424631	65.9369	2190.60
141 Alachlor	188	Compound Not Detected.					
142 Methyl parathion	109	Compound Not Detected.					
143 Di-n-butyl phthalate	149	9.311	9.311	(1.050)	1644535	69.8631	2321.03
145 Parathion	109	Compound Not Detected.					
146 4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147 Methapyrilene	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	9.940	9.934	(1.121)	1818170	68.1136	2262.91
151	Benzidine	184	Compound Not Detected.					
152	Pyrene	202	10.139	10.139	(0.908)	1865335	69.9625	2324.34
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	10.610	10.609	(0.951)	674330	69.3571	2304.22
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	11.044	11.050	(0.989)	996570	73.3169	2435.78
164	3 3'-Dichlorobenzidine	252	11.115	11.115	(0.996)	423851	43.2712	1437.58
165	Benzo(a)anthracene	228	11.156	11.156	(0.999)	1758510	66.7708	2218.30
167	Chrysene	228	11.185	11.191	(1.002)	1734516	68.0011	2259.17
168	Di-n-octyl phthalate	149	11.561	11.573	(1.036)	1663652	73.0338	2426.37
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.055	12.066	(0.970)	1895284	67.1539	2231.03
172	Benzo(k)fluoranthene	252	12.078	12.090	(0.972)	1984003	64.3164	2136.76
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.378	12.390	(0.996)	1647481	62.4316	2074.14
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	13.677	13.688	(1.100)	1666456	68.5262	2276.62
186	Indeno(1,2,3-cd)pyrene	276	13.682	13.694	(1.226)	1979190	67.1552	2231.07
188	Benzo(g,h,i)perylene	276	14.070	14.082	(1.132)	1774446	68.0818	2261.86
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

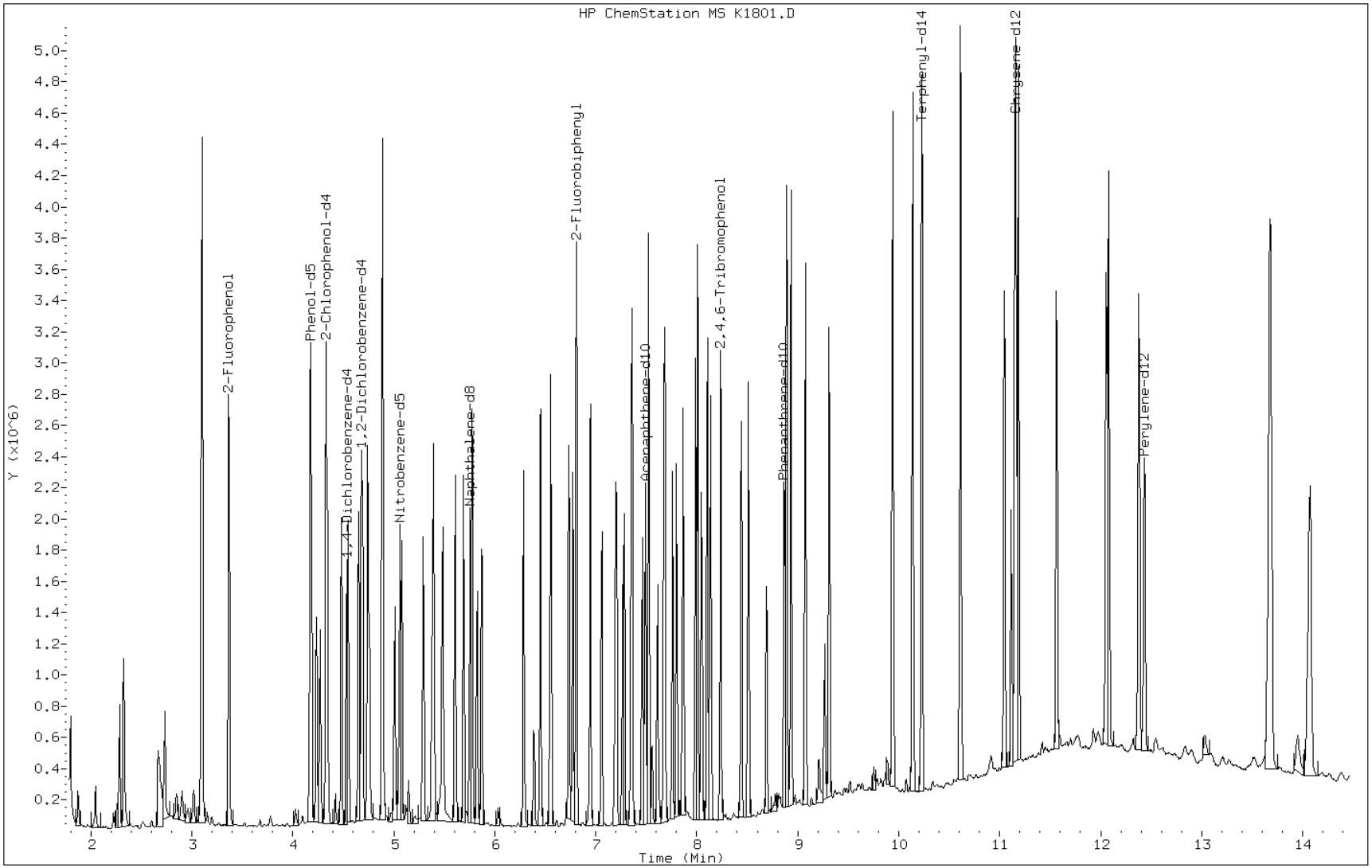
Q - Qualifier signal failed the ratio test.

Data File: K1801.D

Date: 21-SEP-2011 23:06

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-GMS Operator: KIEKELD



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD | Lab Sample ID: 280-20042-2 MSD

Matrix: Solid | Lab File ID: K1802.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.4(g) | Date Analyzed: 09/21/2011 23:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
92-52-4	1,1'-Biphenyl	40	U	400	40	61
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	400	40	60
120-82-1	1,2,4-Trichlorobenzene	1940		400	40	34
95-50-1	1,2-Dichlorobenzene	1940		400	40	27
122-66-7	1,2-Diphenylhydrazine	2860		400	40	27
541-73-1	1,3-Dichlorobenzene	1810		400	40	15
106-46-7	1,4-Dichlorobenzene	1840		400	40	17
108-60-1	2,2'-oxybis[1-chloropropane]	2150		400	40	28
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	2000	40	170
95-95-4	2,4,5-Trichlorophenol	2890		400	160	12
88-06-2	2,4,6-Trichlorophenol	2900		400	81	12
120-83-2	2,4-Dichlorophenol	2550		400	81	12
105-67-9	2,4-Dimethylphenol	2550		400	160	81
51-28-5	2,4-Dinitrophenol	1740	J	2000	820	410
121-14-2	2,4-Dinitrotoluene	3280		400	160	81
87-65-0	2,6-Dichlorophenol	160	U	400	160	84
606-20-2	2,6-Dinitrotoluene	2950		400	81	34
91-58-7	2-Chloronaphthalene	2360		400	40	12
95-57-8	2-Chlorophenol	2170		400	40	26
91-57-6	2-Methylnaphthalene	2200		400	40	23
95-48-7	2-Methylphenol	2280		400	40	16
88-74-4	2-Nitroaniline	3120		2000	81	61
88-75-5	2-Nitrophenol	2420		400	81	12
15831-10-4	3 & 4 Methylphenol	4390		400	81	40
91-94-1	3,3'-Dichlorobenzidine	1980	J	2000	400	110
99-09-2	3-Nitroaniline	3020		2000	160	89
534-52-1	4,6-Dinitro-2-methylphenol	2170		2000	810	400
101-55-3	4-Bromophenyl phenyl ether	2850		400	40	23
59-50-7	4-Chloro-3-methylphenol	2910		400	160	81
106-47-8	4-Chloroaniline	1890		400	160	100
7005-72-3	4-Chlorophenyl phenyl ether	2820		400	81	26
100-01-6	4-Nitroaniline	3300		2000	160	89
100-02-7	4-Nitrophenol	3020		2000	400	120
83-32-9	Acenaphthene	2570		400	21	13

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD | Lab Sample ID: 280-20042-2 MSD

Matrix: Solid | Lab File ID: K1802.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.4(g) | Date Analyzed: 09/21/2011 23:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
208-96-8	Acenaphthylene	2660		400	40	21
98-86-2	Acetophenone	40	U	400	40	24
120-12-7	Anthracene	2900		400	40	21
1912-24-9	Atrazine	160	U	400	160	45
100-52-7	Benzaldehyde	82	U	400	82	48
92-87-5	Benzidine	4800	U	4900	4800	1200
56-55-3	Benzo[a]anthracene	2900		400	40	24
50-32-8	Benzo[a]pyrene	2760		400	40	24
205-99-2	Benzo[b]fluoranthene	3130		400	40	32
191-24-2	Benzo[g,h,i]perylene	2960		400	40	20
207-08-9	Benzo[k]fluoranthene	2670		400	81	49
65-85-0	Benzoic acid	1650	J	2000	810	400
100-51-6	Benzyl alcohol	2220		400	40	12
111-91-1	Bis(2-chloroethoxy)methane	2180		400	81	28
111-44-4	Bis(2-chloroethyl)ether	2180		400	40	20
117-81-7	Bis(2-ethylhexyl) phthalate	3240		400	81	56
85-68-7	Butyl benzyl phthalate	3030		400	81	53
105-60-2	Caprolactam	400	U	2000	400	130
86-74-8	Carbazole	2900		400	82	44
218-01-9	Chrysene	2900		400	40	33
53-70-3	Dibenz(a,h)anthracene	2990		400	40	23
132-64-9	Dibenzofuran	2670		400	40	24
84-66-2	Diethyl phthalate	2910		810	40	32
131-11-3	Dimethyl phthalate	2760		400	40	28
84-74-2	Di-n-butyl phthalate	3040		400	40	35
117-84-0	Di-n-octyl phthalate	3210		400	81	18
206-44-0	Fluoranthene	2990		400	81	44
86-73-7	Fluorene	2790		400	40	22
118-74-1	Hexachlorobenzene	2860		400	81	35
87-68-3	Hexachlorobutadiene	1960		400	81	12
77-47-4	Hexachlorocyclopentadiene	81	U J	2100	81	61
67-72-1	Hexachloroethane	1260	J	400	40	26
193-39-5	Indeno[1,2,3-cd]pyrene	2830		400	40	27
78-59-1	Isophorone	2180		400	40	21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD | Lab Sample ID: 280-20042-2 MSD

Matrix: Solid | Lab File ID: K1802.D

Analysis Method: 8270C/DoD | Date Collected: 09/06/2011 14:00

Extract. Method: 3550C | Date Extracted: 09/19/2011 11:18

Sample wt/vol: 31.4(g) | Date Analyzed: 09/21/2011 23:26

Con. Extract Vol.: 1000(uL) | Dilution Factor: 1

Injection Volume: 0.5(uL) | Level: (low/med) Low

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87309 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
91-20-3	Naphthalene	2110		400	81	38
98-95-3	Nitrobenzene	2180		400	40	27
62-75-9	N-Nitrosodimethylamine	1890		640	81	45
621-64-7	N-Nitrosodi-n-propylamine	2100		400	81	38
86-30-6	N-Nitrosodiphenylamine	2480		400	40	26
930-55-2	N-Nitrosopyrrolidine	160	U	400	160	78
87-86-5	Pentachlorophenol	2150		2000	820	400
85-01-8	Phenanthrene	2880		400	40	21
108-95-2	Phenol	2280		400	40	22
129-00-0	Pyrene	3020		490	40	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	95		35-125
321-60-8	2-Fluorobiphenyl	71		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
4165-62-2	Phenol-d5 (Surr)	70		40-100
1718-51-0	Terphenyl-d14 (Surr)	92		30-125

TestAmerica

BNA ANALYSIS QUANTITATION REPORT

Data file : \\DenSvr03\Public\chem\MSS\K.i\092111.b\K1802.D
Lab Smp Id: 280-20042-A-2-H MSD Client Smp ID: TMCSD0201FA
Inj Date : 21-SEP-2011 23:26
Operator : KIEKELD Inst ID: K.i
Smp Info : 280-20042-A-2-HMSD
Misc Info : 280-20042-A-2-H MSD
Comment : SOP#CORP-MS-0001DEN, revision1.1
Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Meth Date : 22-Sep-2011 11:19 kiekeld Quant Type: ISTD
Cal Date : 21-SEP-2011 15:48 Cal File: K1779.D
Als bottle: 28 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: HAB.sub
Target Version: 4.14
Processing Host: DENPC307

Concentration Formula: Amt * DF * Vf/Ws * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vf	1000.000	final volume at end of extraction (uL)
Ws	31.400	weight of sample extracted (g)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
* 26 1,4-Dichlorobenzene-d4	152	4.534	4.528	(1.000)	176333	40.0000	
* 58 Naphthalene-d8	136	5.756	5.750	(1.000)	682724	40.0000	
* 96 Acenaphthene-d10	164	7.490	7.489	(1.000)	409318	40.0000	
* 135 Phenanthrene-d10	188	8.870	8.864	(1.000)	716096	40.0000	
* 166 Chrysene-d12	240	11.162	11.162	(1.000)	801794	40.0000	
* 179 Perylene-d12	264	12.431	12.437	(1.000)	797112	40.0000	
$ 8 2-Fluorophenol	112	3.365	3.353	(0.742)	579853	96.8331	3083.86
$ 15 Phenol-d5	99	4.170	4.164	(0.920)	752502	104.483	3327.48
$ 43 Nitrobenzene-d5	82	5.057	5.063	(0.879)	417699	66.5837	2120.50
$ 81 2-Fluorobiphenyl	172	6.808	6.808	(0.909)	945689	70.9964	2261.03
$ 118 2,4,6-Tribromophenol	330	8.236	8.241	(1.100)	330999	142.030	4523.25
$ 154 Terphenyl-d14	244	10.228	10.227	(0.916)	1409455	91.6131	2917.62
$ 29 1,2-Dichlorobenzene-d4	152	4.681	4.681	(1.032)	251850	58.5608	1864.99
$ 22 2-Chlorophenol-d4	132	4.328	4.328	(0.955)	615810	106.511	3392.07
4 1,4-Dioxane	88	2.043	2.043	(0.451)	59513	22.4173	713.928
5 N-Nitrosodimethylamine	74	2.278	2.284	(0.502)	191400	46.4992	1480.87
6 Pyridine	79	2.313	2.319	(0.510)	243817	32.8950	1047.61
9 2-Picoline	93	Compound Not Detected.					
10 N-Nitrosomethylethylamine	88	Compound Not Detected.					
11 Methyl methanesulfonate	80	Compound Not Detected.					
12 N-Nitrosodiethylamine	102	Compound Not Detected.					
13 Ethyl methanesulfonate	79	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
14	Benzaldehyde	106	Compound Not Detected.					
16	Phenol	94	4.182	4.181	(0.922)	420074	55.9277	1781.14
18	Aniline	93	4.234	4.234	(0.934)	357400	38.3773	1222.21
19	Methyl Styrene	118	Compound Not Detected.					
20	Bis(2-chloroethyl) ether	93	4.270	4.270	(0.942)	289398	53.3908	1700.34
23	2-Chlorophenol	128	4.340	4.340	(0.957)	326415	53.3215	1698.14
24	Pentachloroethane	117	Compound Not Detected.					
25	1,3-Dichlorobenzene	146	4.481	4.481	(0.988)	324970	44.5336	1418.27
27	1,4-Dichlorobenzene	146	4.546	4.546	(1.003)	329188	45.0778	1435.60
28	Benzyl alcohol	108	4.652	4.651	(1.026)	219836	54.5730	1737.99
30	1,2-Dichlorobenzene	146	4.693	4.693	(1.035)	322396	47.6366	1517.09
32	2-Methylphenol	108	4.740	4.740	(1.045)	316371	55.8537	1778.78
34	2,2'-oxybis(1-chloropropane)	45	4.757	4.757	(1.049)	465399	52.8783	1684.02(Q)
35	1H-Indene	116	Compound Not Detected.					
138	3-Methylphenol	108	4.887	4.887	(1.078)	641024	107.849	3434.67
36	4-Methylphenol	108	4.887	4.887	(1.078)	641024	107.849	3434.67
139	3 & 4-Methylphenol	108	4.887	4.887	(1.078)	641024	107.849	3434.67
37	N-nitrosodi-n-propylamine	70	4.887	4.892	(1.078)	210103	51.4981	1640.07
38	Acetophenone	105	Compound Not Detected.					
39	N-Nitrosopyrrolidine	100	Compound Not Detected.					
40	N-Nitrosomorpholine	116	Compound Not Detected.					
41	Hexachloroethane	117	5.010	5.010	(1.105)	82737	30.8734	983.230(R)
42	o-Toluidine	106	Compound Not Detected.					
44	Nitrobenzene	77	5.081	5.080	(0.883)	327729	53.4170	1701.18
46	N-Nitrosopiperidine	114	Compound Not Detected.					
47	Isophorone	82	5.292	5.292	(0.919)	572855	53.5582	1705.67
49	2-Nitrophenol	139	5.380	5.380	(0.935)	182812	59.5119	1895.28
50	2,4-Dimethylphenol	107	5.392	5.392	(0.937)	353961	62.5461	1991.91
51	O,O,O-Triethyl phosphorothio	198	Compound Not Detected.					
52	Bis(2-chloroethoxy)methane	93	5.486	5.486	(0.953)	356907	53.5837	1706.49
53	Benzoic acid	122	5.486	5.498	(0.953)	135170	40.3927	1286.39
54	2,4-Dichlorophenol	162	5.609	5.609	(0.974)	333956	62.4923	1990.20
55	a,a-Dimethylphenethylamine	58	Compound Not Detected.					
57	1,2,4-Trichlorobenzene	180	5.692	5.691	(0.989)	297993	47.4922	1512.49
59	Naphthalene	128	5.774	5.780	(1.003)	876721	51.8380	1650.89
60	4-Chloroaniline	127	5.827	5.827	(1.012)	341187	46.5053	1481.06
61	2,6-Dichlorophenol	162	Compound Not Detected.					
62	Hexachlorobutadiene	225	5.868	5.874	(1.019)	176764	48.1202	1532.49
63	Hexachloropropene	213	Compound Not Detected.					
64	N-Nitrosodi-n-butylamine	84	Compound Not Detected.					
66	p-Phenylenediamine	108	Compound Not Detected.					
67	Caprolactam	55	Compound Not Detected.					
68	4-Chloro-3-methylphenol	107	6.285	6.291	(1.092)	361075	71.4215	2274.57
70	Safrole	162	Compound Not Detected.					
71	2-Methylnaphthalene	142	6.450	6.455	(1.120)	619380	54.0888	1722.57
72	1-Methylnaphthalene	142	6.555	6.555	(1.139)	608663	55.5178	1768.08
74	Hexachlorocyclopentadiene	237	Compound Not Detected.					
75	1,2,4,5-Tetrachlorobenzene	216	Compound Not Detected.					
76	Isosafrole (#1)	162	Compound Not Detected.					
78	2,4,6-Trichlorophenol	196	6.732	6.731	(0.899)	298508	71.1946	2267.34
80	2,4,5-Trichlorophenol	196	6.773	6.773	(0.904)	330138	70.9529	2259.64
84	Isosafrole (#2)	104	Compound Not Detected.					
85	Biphenyl	154	Compound Not Detected.					
87	1-Chloronaphthalene	162	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
86	2-Chloronaphthalene	162	6.943	6.949	(0.927)	676841	57.9372	1845.13
88	2-Nitroaniline	65	7.055	7.055	(0.942)	259015	76.5361	2437.46
89	1,4-Naphthoquinone	158	Compound Not Detected.					
90	1,4-Dinitrobenzene	168	Compound Not Detected.					
91	Dimethyl phthalate	163	7.202	7.207	(0.962)	854783	67.8290	2160.16
92	1,3-Dinitrobenzene	168	Compound Not Detected.					
93	2,6-Dinitrotoluene	165	7.284	7.284	(0.973)	211209	72.4347	2306.84
94	Acenaphthylene	152	7.360	7.360	(0.983)	1141832	65.3357	2080.75
95	3-Nitroaniline	138	7.460	7.460	(0.996)	238131	74.1963	2362.94
97	Acenaphthene	153	7.525	7.525	(1.005)	710793	63.0328	2007.41
98	2,4-Dinitrophenol	184	7.560	7.554	(1.009)	75782	42.6573	1358.51
99	4-Nitrophenol	109	7.613	7.607	(1.016)	133100	74.0851	2359.40
100	Pentachlorobenzene	250	Compound Not Detected.					
101	2,4-Dinitrotoluene	165	7.672	7.672	(1.024)	281440	80.6077	2567.12
102	Dibenzofuran	168	7.683	7.689	(1.026)	1020760	65.5557	2087.76
103	1-Naphthylamine	143	Compound Not Detected.					
104	2,3,4,6-Tetrachlorophenol	232	Compound Not Detected.					
106	2-Naphthylamine	143	Compound Not Detected.					
107	Diethyl phthalate	149	7.866	7.865	(1.050)	856311	71.5180	2277.64
108	Thionazin	97	Compound Not Detected.					
109	4-Chlorophenyl phenyl ether	204	7.989	7.989	(1.067)	468578	69.1187	2201.23
110	Fluorene	166	8.007	8.012	(1.069)	895042	68.3886	2177.98
111	5-Nitro-o-toluidine	152	Compound Not Detected.					
112	4-Nitroaniline	138	8.048	8.048	(1.075)	252400	80.9823	2579.05
113	4,6-Dinitro-2-methylphenol	198	8.054	8.053	(0.908)	130824	53.1557	1692.86
115	N-nitrosodiphenylamine	169	8.106	8.106	(0.914)	713294	60.8960	1939.36
114	Diphenylamine	169	Compound Not Detected.					
116	Azobenzene	77	8.136	8.142	(1.086)	868961	69.4400	2211.46
234	1,2-DPH(as Azobenzene)	77	8.136	8.142	(1.086)	868961	70.2021	2235.74
117	Sulfotepp	97	Compound Not Detected.					
119	Diallate (#1)	86	Compound Not Detected.					
120	1,3,5-Trinitrobenzene	213	Compound Not Detected.					
121	Phorate	121	Compound Not Detected.					
122	Phenacetin	108	Compound Not Detected.					
123	Diallate (#2)	86	Compound Not Detected.					
124	4-Bromophenyl phenyl ether	248	8.441	8.441	(0.952)	308112	69.9498	2227.70
125	Hexachlorobenzene	284	8.512	8.512	(0.960)	334789	70.0809	2231.88
126	Dimethoate	87	Compound Not Detected.					
127	Atrazine	200	Compound Not Detected.					
129	Pentachlorophenol	266	8.688	8.688	(0.979)	173027	52.8429	1682.89
130	4-Aminobiphenyl	169	Compound Not Detected.					
131	Pentachloronitrobenzene	237	Compound Not Detected.					
132	Pronamide	173	Compound Not Detected.					
133	Disulfoton	88	Compound Not Detected.					
134	2-secbutyl-4,6-dinitropheno	211	Compound Not Detected.					
136	Phenanthrene	178	8.888	8.888	(1.002)	1354838	70.6618	2250.37
137	Anthracene	178	8.935	8.935	(1.007)	1388972	71.1360	2265.48
140	Carbazole	167	9.076	9.076	(1.023)	1276633	71.0879	2263.95
141	Alachlor	188	Compound Not Detected.					
142	Methyl parathion	109	Compound Not Detected.					
143	Di-n-butyl phthalate	149	9.311	9.311	(1.050)	1460701	74.6569	2377.61
145	Parathion	109	Compound Not Detected.					
146	4-Nitroquinoline-1-oxide	190	Compound Not Detected.					
147	Methapyrilene	97	Compound Not Detected.					

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
148	Isodrin	193	Compound Not Detected.					
149	Fluoranthene	202	9.940	9.934	(1.121)	1627954	73.3745	2336.77
151	Benzidine	184	Compound Not Detected.					
152	Pyrene	202	10.139	10.139	(0.908)	1661667	74.1659	2361.97
153	Aramite (#1)	185	Compound Not Detected.					
155	Aramite (#2)	185	Compound Not Detected.					
156	p-Dimethylaminoazobenzene	120	Compound Not Detected.					
157	Chlorobenzilate	251	Compound Not Detected.					
158	Famphur	218	Compound Not Detected.					
159	Butyl benzyl phthalate	149	10.609	10.609	(0.951)	608073	74.4262	2370.26
160	3,3'-Dimethylbenzidine	212	Compound Not Detected.					
161	2-Acetylaminofluorene	181	Compound Not Detected.					
162	Bis(2-ethylhexyl) phthalate	149	11.044	11.050	(0.989)	909615	79.6353	2536.16
164	3 3'-Dichlorobenzidine	252	11.115	11.115	(0.996)	399196	48.4980	1544.52
165	Benzo(a)anthracene	228	11.150	11.156	(0.999)	1575716	71.1985	2267.47
167	Chrysene	228	11.185	11.191	(1.002)	1524580	71.1278	2265.22
168	Di-n-octyl phthalate	149	11.561	11.573	(1.036)	1509827	78.8751	2511.95
170	Hexachlorophene	196	Compound Not Detected.					
171	Benzo(b)fluoranthene	252	12.055	12.066	(0.970)	1754731	76.7494	2444.25
172	Benzo(k)fluoranthene	252	12.078	12.090	(0.972)	1637849	65.5422	2087.33
176	7,12-Dimethylbenz(a)anthrac	256	Compound Not Detected.					
178	Benzo(a)pyrene	252	12.378	12.390	(0.996)	1445471	67.6177	2153.43
181	3-Methylcholanthrene	268	Compound Not Detected.					
184	Dibenz(a,j)acridine	279	Compound Not Detected.					
185	Dibenz(a,h)anthracene	278	13.671	13.688	(1.100)	1447414	73.4722	2339.88
186	Indeno(1,2,3-cd)pyrene	276	13.677	13.694	(1.225)	1718745	69.3993	2210.17
188	Benzo(g,h,i)perylene	276	14.070	14.082	(1.132)	1534921	72.6979	2315.22
M 173	Total Isosafrole	162	Compound Not Detected.					
M 174	Total Diallate	86	Compound Not Detected.					
M 175	Total Aramite	185	Compound Not Detected.					

QC Flag Legend

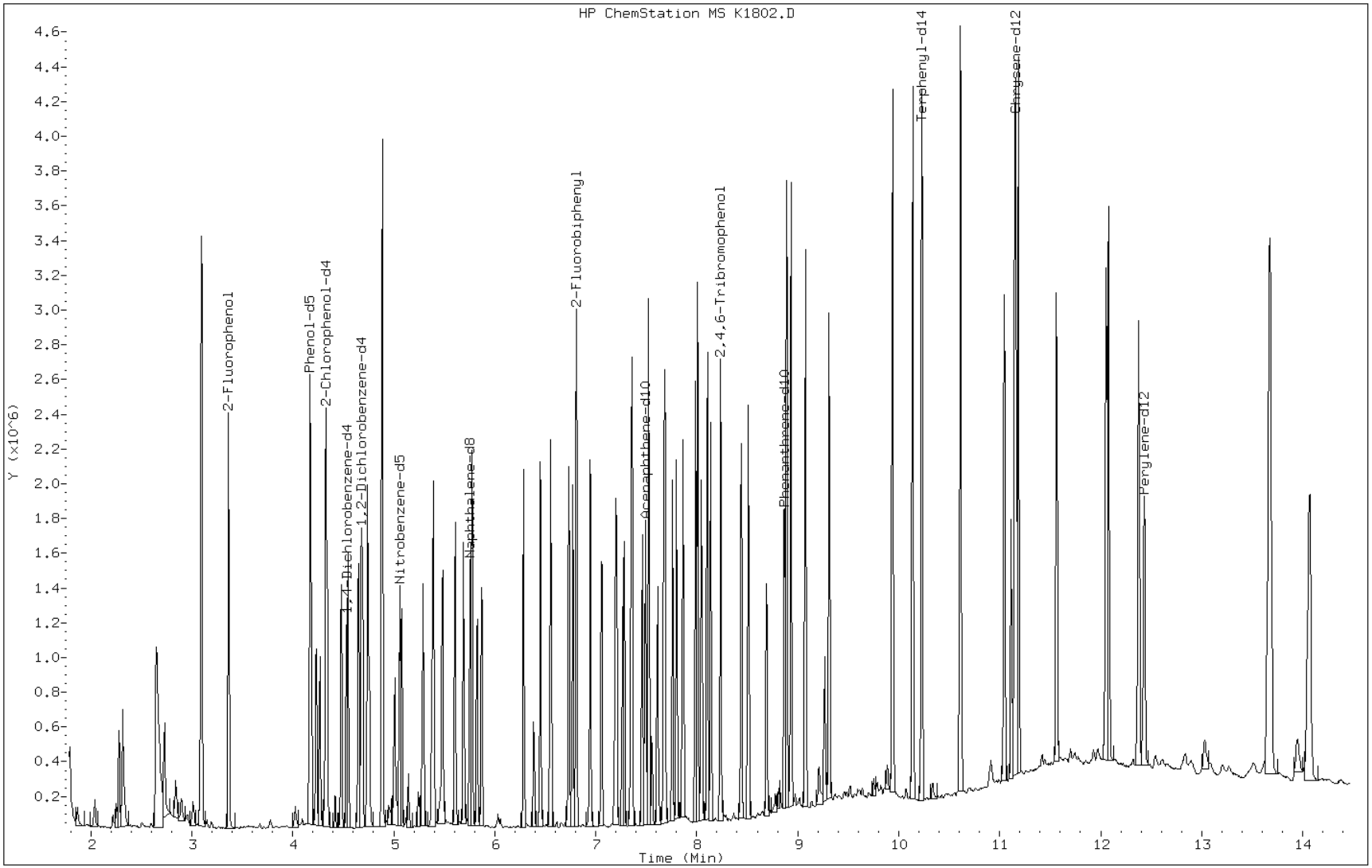
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: K1802.D

Date: 21-SEP-2011 23:26

Client ID: TMCSD0201FA Instrument: K.i

Sample Info: 280-20042-A-2-HMSD Operator: KIEKELD



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Start Date: 08/04/2011 10:47

Analysis Batch Number: 79860 End Date: 08/04/2011 13:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 280-79860/1		08/04/2011 10:47	1	K1506.D	Vf-5MS (30.25) 0.25(mm)
ICIS 280-79860/2		08/04/2011 11:05	1	K1507.D	Vf-5MS (30.25) 0.25(mm)
STD010 280-79860/3 IC		08/04/2011 11:26	1	K1508.D	Vf-5MS (30.25) 0.25(mm)
STD020 280-79860/4 IC		08/04/2011 11:48	1	K1509.D	Vf-5MS (30.25) 0.25(mm)
STD050 280-79860/5 IC		08/04/2011 12:09	1	K1510.D	Vf-5MS (30.25) 0.25(mm)
STD120 280-79860/6 IC		08/04/2011 12:30	1	K1511.D	Vf-5MS (30.25) 0.25(mm)
STD160 280-79860/7 IC		08/04/2011 12:52	1	K1512.D	Vf-5MS (30.25) 0.25(mm)
STD200 280-79860/8 IC		08/04/2011 13:13	1	K1513.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-79860/9		08/04/2011 13:35	1	K1514.D	Vf-5MS (30.25) 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Start Date: 08/05/2011 08:12

Analysis Batch Number: 80421 End Date: 08/05/2011 14:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 280-80421/1		08/05/2011 08:12	1	K1536.D	Vf-5MS (30.25) 0.25(mm)
ICIS 280-80421/2		08/05/2011 11:15	1	K1545.D	Vf-5MS (30.25) 0.25(mm)
STD004 280-80421/3 IC		08/05/2011 11:37	1	K1546.D	Vf-5MS (30.25) 0.25(mm)
STD010 280-80421/4 IC		08/05/2011 11:58	1	K1547.D	Vf-5MS (30.25) 0.25(mm)
STD020 280-80421/5 IC		08/05/2011 12:19	1	K1548.D	Vf-5MS (30.25) 0.25(mm)
STD050 280-80421/6 IC		08/05/2011 12:41	1	K1549.D	Vf-5MS (30.25) 0.25(mm)
STD120 280-80421/7 IC		08/05/2011 13:02	1	K1550.D	Vf-5MS (30.25) 0.25(mm)
STD160 280-80421/8 IC		08/05/2011 13:24	1	K1551.D	Vf-5MS (30.25) 0.25(mm)
STD200 280-80421/9 IC		08/05/2011 13:45	1	K1552.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-80421/10		08/05/2011 14:07	1	K1553.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-80421/11		08/05/2011 14:28	1	K1554.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-80421/12		08/05/2011 14:50	1	K1555.D	Vf-5MS (30.25) 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Start Date: 08/05/2011 08:12

Analysis Batch Number: 80428 End Date: 08/05/2011 18:03

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 280-80428/1		08/05/2011 08:12	1	K1536.D	Vf-5MS (30.25) 0.25(mm)
ICIS 280-80428/2		08/05/2011 15:11	1	K1556.D	Vf-5MS (30.25) 0.25(mm)
STD010 280-80428/3 IC		08/05/2011 15:33	1	K1557.D	Vf-5MS (30.25) 0.25(mm)
STD020 280-80428/4 IC		08/05/2011 15:54	1	K1558.D	Vf-5MS (30.25) 0.25(mm)
STD050 280-80428/5 IC		08/05/2011 16:16	1	K1559.D	Vf-5MS (30.25) 0.25(mm)
STD120 280-80428/6 IC		08/05/2011 16:37	1	K1560.D	Vf-5MS (30.25) 0.25(mm)
STD160 280-80428/7 IC		08/05/2011 16:59	1	K1561.D	Vf-5MS (30.25) 0.25(mm)
STD200 280-80428/8 IC		08/05/2011 17:20	1	K1562.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-80428/9		08/05/2011 17:42	1	K1563.D	Vf-5MS (30.25) 0.25(mm)
ICV 280-80428/10		08/05/2011 18:03	1	K1564.D	Vf-5MS (30.25) 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Start Date: 09/21/2011 14:37

Analysis Batch Number: 87309 End Date: 09/22/2011 02:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 280-87309/1		09/21/2011 14:37	1	K1775.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87309/2		09/21/2011 14:48	1	K1776.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87309/3		09/21/2011 15:08	1	K1777.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87309/4		09/21/2011 15:28	1	K1778.D	Vf-5MS (30.25) 0.25(mm)
IC 280-87309/5		09/21/2011 15:48	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 16:08	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 16:27	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 16:47	1		Vf-5MS (30.25) 0.25(mm)
MB 280-86705/1-A		09/21/2011 17:07	1	K1783.D	Vf-5MS (30.25) 0.25(mm)
LCS 280-86705/2-A		09/21/2011 17:27	1	K1784.D	Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 17:47	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 18:07	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 18:27	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 18:47	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 19:07	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 19:27	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 19:47	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 20:07	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 20:27	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 20:47	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 21:07	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 21:27	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 21:46	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 22:06	10		Vf-5MS (30.25) 0.25(mm)
280-20042-1	TMCSD0101FA	09/21/2011 22:26	4	K1799.D	Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/21/2011 22:46	1		Vf-5MS (30.25) 0.25(mm)
280-20042-2 MS	TMCSD0201FA MS	09/21/2011 23:06	1	K1801.D	Vf-5MS (30.25) 0.25(mm)
280-20042-2 MSD	TMCSD0201FA MSD	09/21/2011 23:26	1	K1802.D	Vf-5MS (30.25) 0.25(mm)
280-20042-3	TMCSD0301FA	09/21/2011 23:46	1	K1803.D	Vf-5MS (30.25) 0.25(mm)
280-20042-4	TMCSD0401FA	09/22/2011 00:06	1	K1804.D	Vf-5MS (30.25) 0.25(mm)
280-20042-5	TMCSD0501FA	09/22/2011 00:26	4	K1805.D	Vf-5MS (30.25) 0.25(mm)
280-20042-6	TMCSD0601FA	09/22/2011 00:46	10	K1806.D	Vf-5MS (30.25) 0.25(mm)
280-20042-7	TMCSD0701FA	09/22/2011 01:06	1	K1807.D	Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 01:26	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 01:46	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 02:06	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 02:26	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 02:46	1		Vf-5MS (30.25) 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MSS_K Start Date: 09/22/2011 15:39

Analysis Batch Number: 87836 End Date: 09/23/2011 03:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 280-87836/1		09/22/2011 15:39	1	K1832.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87836/2		09/22/2011 15:50	1	K1833.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87836/3		09/22/2011 16:10	1	K1834.D	Vf-5MS (30.25) 0.25(mm)
CCV 280-87836/4		09/22/2011 16:30	1	K1835.D	Vf-5MS (30.25) 0.25(mm)
IC 280-87836/5		09/22/2011 16:50	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 17:10	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 17:30	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 17:50	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 18:10	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 18:30	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 18:50	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 19:10	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 19:30	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 19:50	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 20:10	1		Vf-5MS (30.25) 0.25(mm)
280-20042-2	TMCSD0201FA	09/22/2011 20:30	1	K1847.D	Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 20:50	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 21:10	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 21:30	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 21:50	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 22:10	20		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 22:29	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 22:49	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 23:09	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 23:29	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/22/2011 23:49	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 00:09	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 00:29	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 00:49	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 01:09	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 01:29	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 01:49	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 02:09	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 02:29	10		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 02:49	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 03:09	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 03:29	1		Vf-5MS (30.25) 0.25(mm)
ZZZZZ		09/23/2011 03:49	1		Vf-5MS (30.25) 0.25(mm)

GC/MS SVOAContinuing Calibration Review Checklist
Denver

TestAmerica

Instrument ID and Date: K HSL/AP9/BZHD/HEX 092111

Check Method Used: Analysis ☐ 625 ☒ 8270 ☐ Other SV _____

Review Items	----- Level 1 ----- Yes	No	N/A	Level 2	Comments
Continuing Calibration					
1. DFTPP meets criteria?	X			✓	
2. ICAL date and instrument ID verified?	X			✓	
3. Do SPCC RRFs and CCC %Ds meet method criteria?	X			✓	
4. Does %D meet criteria for non-CCC compounds?	X			✓	
5. Isomeric pairs checked for correct peak assignment?	X			✓	
6. Standards traceability properly documented?	X			✓	
7. Manual integrations documented and checked?	X			✓	
8. Do the Internal Standards meet criteria for %D against ICAL?	X			✓	

1st Level Reviewer: _____ Date: 09/22/11

2nd Level Reviewer: _____ Date: 9/22/11

C:\MSDCHEM\1\DATA\092111\1.B\

Vial		Mult.	Sample Name	Batch	Injected
3	K1774.D	1	RINSE		21 Sep 11 14:20
1	K1775.D	1	DFTPP 3784465		21 Sep 11 14:37
2	K1776.D	1	CCV-978535,MSSAH90880_000166		21 Sep 11 14:48
3	K1777.D	1	CCV-978533,MSSHSL0880_000331		21 Sep 11 15:08
4	K1778.D	1	CCV-980585,MSSBZHD0880_000088		21 Sep 11 15:28
5	K1779.D	1	ICS978754,MSSHEX+10000_000033		21 Sep 11 15:48
6	K1780.D	1	MB280-860466_1-A	86046-HAHEX+TICS	21 Sep 11 16:08
7	K1781.D	1	LCS280-860466_2-A	86046-HAHEX+TICS	21 Sep 11 16:27
8	K1782.D	1	LCSD280-860466_3-A	86046-HAHEX+TICS	21 Sep 11 16:47
9	K1783.D	1	MB280-867055_1-A	86705-HAB	21 Sep 11 17:07
10	K1784.D	1	LCS280-867055_2-A	86705-HAB	21 Sep 11 17:27
11	K1785.D	1	MB280-854889_1-A	85489-HA	21 Sep 11 17:47
12	K1786.D	1	580-28390-A-16-K	85489-HA	21 Sep 11 18:07
13	K1787.D	1	580-28390-A-17-G	85489-HA	21 Sep 11 18:27
14	K1788.D	1	LCS280-866611_2-A	86661-625	21 Sep 11 18:47
15	K1789.D	1	LCSD280-866611_3-A	86661-625	21 Sep 11 19:07
16	K1790.D	1	280-20238-E-1-A ISSb MATRIX	86046-HA	21 Sep 11 19:27
17	K1791.D	1	280-20233-C-2-A	86046-HA	21 Sep 11 19:47
18	K1792.D	1	280-20238-B-5-A	86046-HAB	21 Sep 11 20:07
19	K1793.D	1	280-20238-B-10A	86046-HAB	21 Sep 11 20:27
20	K1794.D	1	280-20240-A-1-A,10, VISC	86046-HAHEX+TICS	21 Sep 11 20:47
21	K1795.D	1	280-20240-A-3-A,10, VISC	86046-HAHEX+TICS	21 Sep 11 21:07
22	K1796.D	1	280-20248-B-1-A	86046-H	21 Sep 11 21:27
23	K1797.D	1	280-20248-F-2-A	86046-H	21 Sep 11 21:46
24	K1798.D	1	280-20240-A-2-A,10, ISTD6 r.r.	86046-HAHEX+TICS	21 Sep 11 22:06
25	K1799.D	1	280-20042-A-1-F,4, VISC	86705-HA	21 Sep 11 22:26
26	K1800.D	1	280-20042-A-2-F ISTD6 r.r.	86705-HA	21 Sep 11 22:46
27	K1801.D	1	280-20042-A-2-GMS	86705-HA	21 Sep 11 23:06
28	K1802.D	1	280-20042-A-2-HMSD	86705-HA	21 Sep 11 23:26
29	K1803.D	1	280-20042-A-3-D	86705-HA	21 Sep 11 23:46
30	K1804.D	1	280-20042-A-4-D	86705-HA	22 Sep 11 12:06
31	K1805.D	1	280-20042-A-5-D,4, VISC	86705-HA	22 Sep 11 12:26
32	K1806.D	1	280-20042-A-6-D,10, VISC	86705-HA	22 Sep 11 12:46
33	K1807.D	1	280-20042-A-7-F	86705-HA	22 Sep 11 01:06
34	K1808.D	1	280-20328-A-10-D	86705-HAB	22 Sep 11 01:26
35	K1809.D	1	280-20328-A-11-D	86705-HAB	22 Sep 11 01:46
36	K1810.D	1	280-20328-A-12-F	86705-HAB	22 Sep 11 02:06
37	K1811.D	1	MB280-866611_1-A	86661-625	22 Sep 11 02:26
38	K1812.D	1	280-20412-B-1-A ISSb	86661-625	22 Sep 11 02:46
98	K1813.D	1	RINSE		22 Sep 11 03:06
99	K1814.D	1	RINSE		22 Sep 11 03:26
100	K1815.D	1	RINSE		22 Sep 11 03:46
98	K1816.D	1	RINSE		22 Sep 11 04:06
99	K1817.D	1	RINSE		22 Sep 11 04:26
100	K1818.D	1	RINSE		22 Sep 11 04:46
100	K1819.D	1	RINSE		22 Sep 11 09:58
39	K1820.D	1	MB280-855528_11-A r.r. Cobalt	85528-625	22 Sep 11 10:18
40	K1821.D	1	LCS280-85528_2-A	85528-625	22 Sep 11 10:38
41	K1822.D	1	LCSD280-85528_3-A	85528-625	22 Sep 11 10:58
42	K1823.D	1	280-20087-C-1-A	85528-625	22 Sep 11 11:18
43	K1824.D	1	280-20087-C-2-A	85528-625	22 Sep 11 11:38
44	K1825.D	1	280-20087-B-3-A	85528-625	22 Sep 11 11:58
98	K1826.D	1	RINSE	85528-625	22 Sep 11 12:18
99	K1827.D	1	RINSE	85528-625	22 Sep 11 12:38
100	K1828.D	1	RINSE	85528-625	22 Sep 11 12:58

Diluent Solvent Lot# KO0503

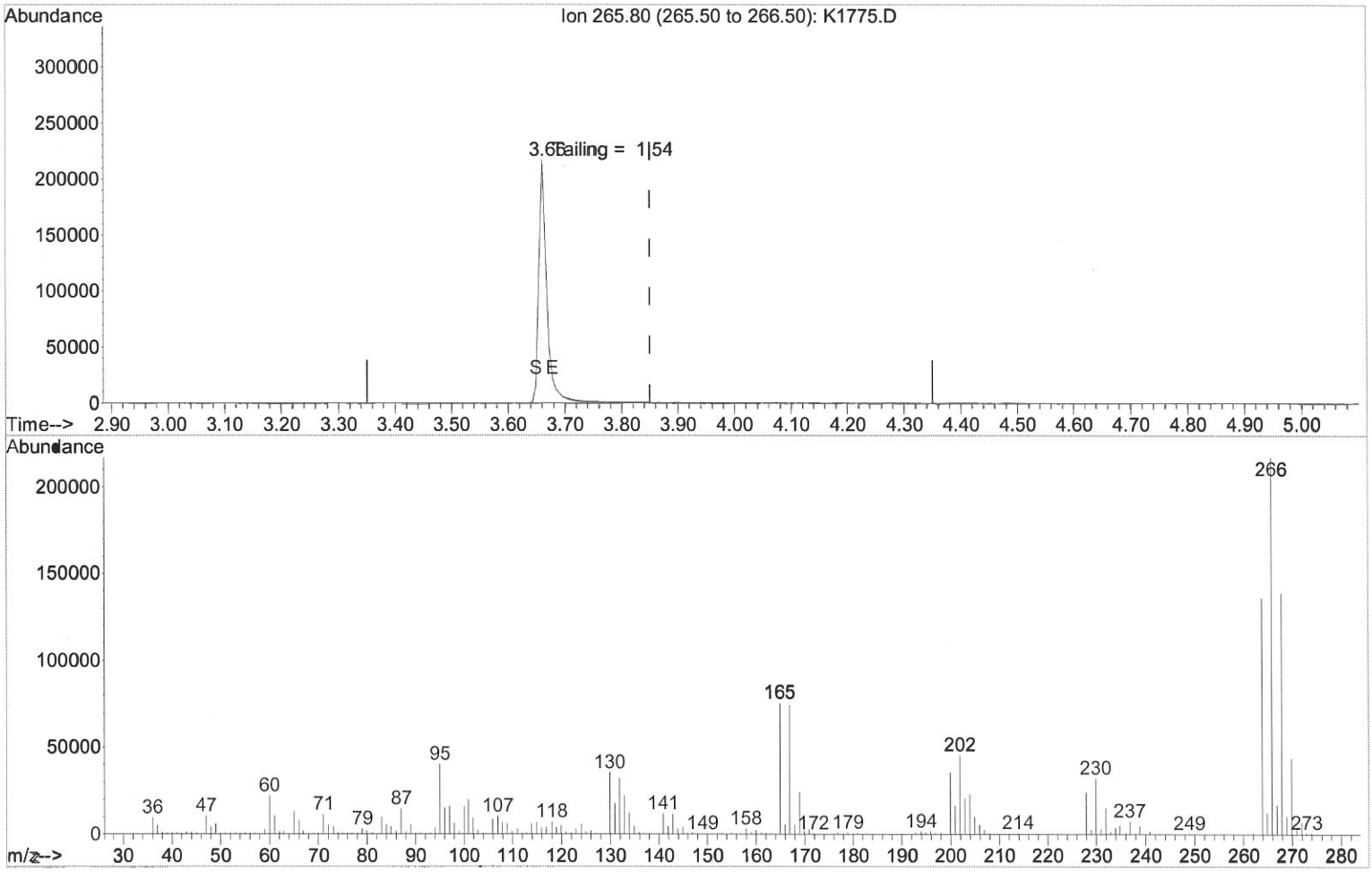
Circle: SOP: DV-MS-00011 (8270C/625) or DV-MS-00002 ((PAH SIM)) or DV-MS-00005 (PAH for CSLP)

Daily Maintenance Performed: replaced septa, liner, seal, washer, ferrule, clamp and cut 60cm off

8/23/11

Data Path : C:\MSDChem\1\DATA\092111.b\
Data File : K1775.D
Acq On : 21 Sep 2011 2:37 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 16:26:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1775.D

(1) Pentachlorophenol (Tailing<5)

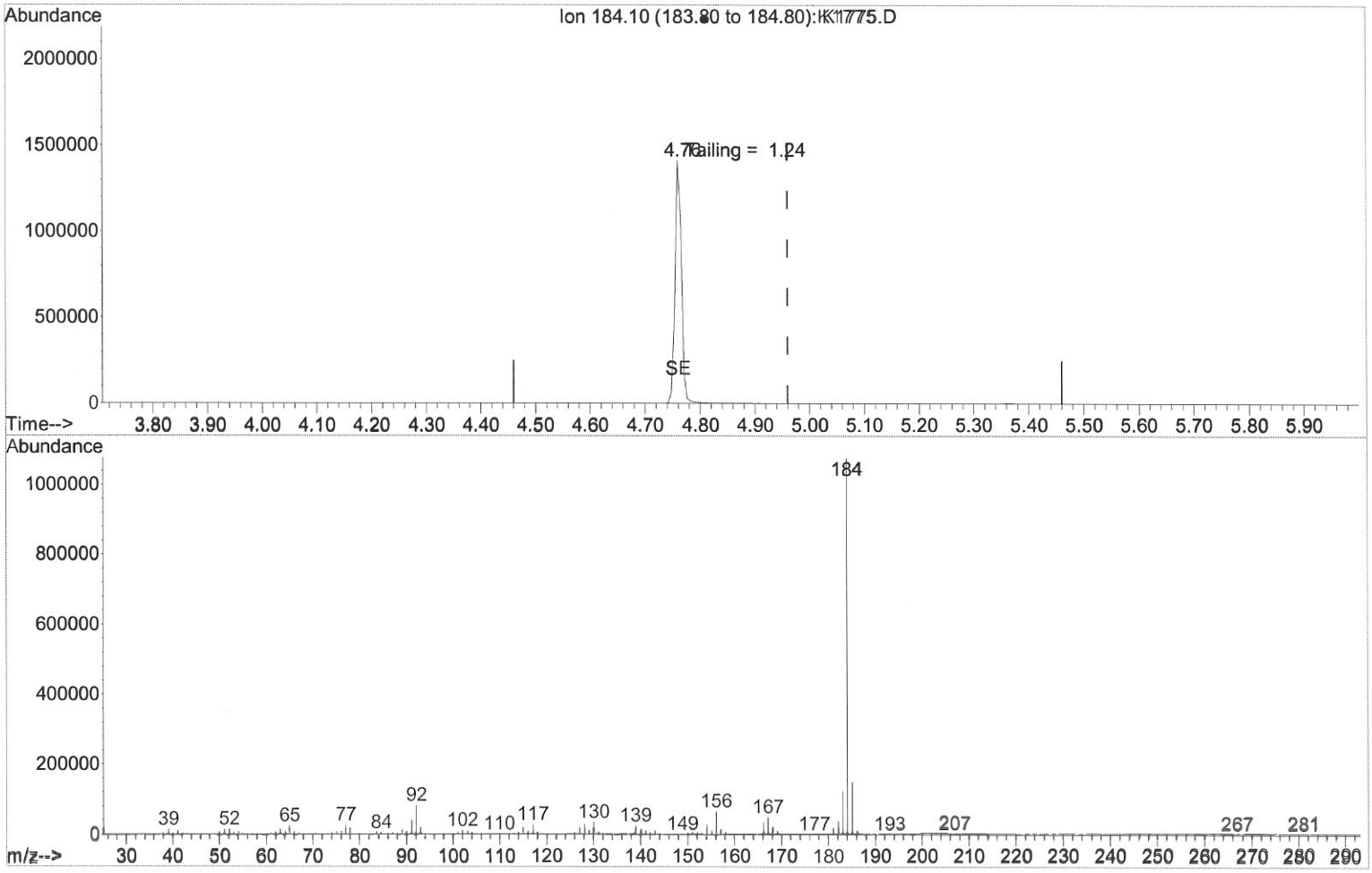
3.663min (-0.187) 0.00ng/uL

response 2089888

Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\092111.b\
Data File : K1775.D
Acq On : 21 Sep 2011 2:37 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 16:26:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1775.D

(3) Benzidine (Tailing<3)

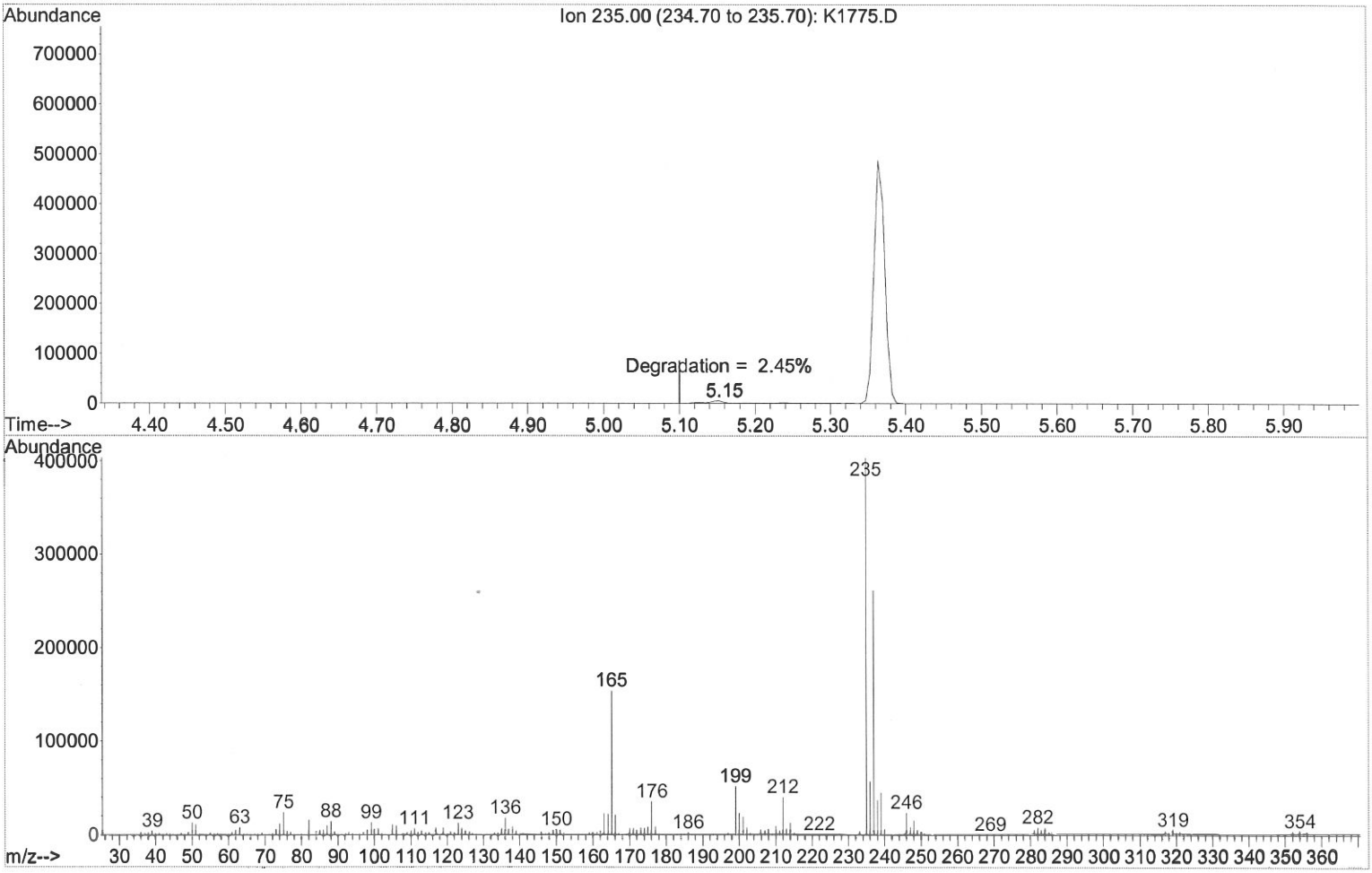
4.763min (-0.197) 0.00ng/uL

response 11644053

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\092111.b\
Data File : K1775.D
Acq On : 21 Sep 2011 2:37 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 16:26:28 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1775.D

(4) 4,4'-DDT (Degradation<20%)

5.368min (-0.232) 0.00ng/uL

response 4885683

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Report Date: 22-Sep-2011 11:19

Calibration History

Method : \\DenSvr03\Public\chem\MSS\K.i\092111.b\8270C.m
Start Cal Date: 04-AUG-2011 11:05
End Cal Date : 21-SEP-2011 15:48
Last Cal Level: 8
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 4.00000		
05-AUG-2011 11:37	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1546.D
Cal Level: 2 , Cal Amount: 10.00000		
05-AUG-2011 15:33	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1557.D
05-AUG-2011 11:58	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1547.D
05-AUG-2011 08:45	4-CUST	\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1538.D
04-AUG-2011 17:15	3-REF	\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1524.D
04-AUG-2011 14:18	PHE	\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1516.D
04-AUG-2011 11:26	Benzaldehyde	\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1508.D
Cal Level: 3 , Cal Amount: 20.00000		
05-AUG-2011 15:54	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1558.D
05-AUG-2011 12:19	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1548.D
05-AUG-2011 09:07	4-CUST	\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1539.D
04-AUG-2011 17:42	3-REF	\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1525.D
04-AUG-2011 14:39	PHE	\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1517.D
04-AUG-2011 11:48	Benzaldehyde	\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1509.D
Cal Level: 4 , Cal Amount: 50.00000		
05-AUG-2011 16:16	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1559.D
05-AUG-2011 12:41	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1549.D
05-AUG-2011 09:28	4-CUST	\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1540.D
04-AUG-2011 18:09	3-REF	

\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1526.D	
04-AUG-2011 15:01	PHE
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1518.D	
04-AUG-2011 12:09	Benzaldehyde
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1510.D	

Cal Level: 5 , Cal Amount: 80.00000	
05-AUG-2011 15:11	2-AP9std
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1556.D	
05-AUG-2011 11:15	1-HSL
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1545.D	
05-AUG-2011 08:24	4-CUST
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1537.D	
04-AUG-2011 16:48	3-REF
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1523.D	
04-AUG-2011 13:56	PHE
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1515.D	
04-AUG-2011 11:05	Benzaldehyde
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1507.D	

Cal Level: 6 , Cal Amount: 120.00000	
05-AUG-2011 16:37	2-AP9std
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1560.D	
05-AUG-2011 13:02	1-HSL
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1550.D	
05-AUG-2011 09:49	4-CUST
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1541.D	
04-AUG-2011 18:36	3-REF
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1527.D	
04-AUG-2011 15:22	PHE
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1519.D	
04-AUG-2011 12:30	Benzaldehyde
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1511.D	

Cal Level: 7 , Cal Amount: 160.00000	
05-AUG-2011 16:59	2-AP9std
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1561.D	
05-AUG-2011 13:24	1-HSL
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1551.D	
05-AUG-2011 10:11	4-CUST
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1542.D	
04-AUG-2011 19:03	3-REF
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1528.D	
04-AUG-2011 15:43	PHE
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1520.D	
04-AUG-2011 12:52	Benzaldehyde
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1512.D	

Cal Level: 8 , Cal Amount: 200.00000	
21-SEP-2011 15:48	10-HEX
\\DenSvr03\Public\chem\MSS\K.i\092111.b\K1779.D	
05-AUG-2011 17:20	2-AP9std
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1562.D	
05-AUG-2011 13:45	1-HSL

\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1552.D		
05-AUG-2011 10:32	4-CUST	
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1543.D		
04-AUG-2011 19:30	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1529.D		
04-AUG-2011 16:05	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1521.D		
04-AUG-2011 13:13	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1513.D		

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

21-SEP-2011 15:28	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\092111.b\K1778.D		
21-SEP-2011 15:08	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\092111.b\K1777.D		
21-SEP-2011 14:48	2-AP9std	
\\DenSvr03\Public\chem\MSS\K.i\092111.b\K1776.D		

GC/MS SVOAContinuing Calibration Review Checklist
Denver

TestAmerica

Instrument ID and Date: K HSL/AP9/BZHD/HEX ~~092111~~ 092311

Check Method Used: Analysis ☐ 625 ☒ 8270 ☐ Other SV _____

Review Items	Level 1 Yes	Level 1 No	Level 1 N/A	Level 2	Comments
Continuing Calibration					
1. DFTPP meets criteria?	X			✓	
2. ICAL date and instrument ID verified?	X			✓	
3. Do SPCC RRFs and CCC %Ds meet method criteria?	X			✓	
4. Does %D meet criteria for non-CCC compounds?	X			✓	
5. Isomeric pairs checked for correct peak assignment?	X			✓	
6. Standards traceability properly documented?	X			✓	
7. Manual integrations documented and checked?	X			✓	
8. Do the Internal Standards meet criteria for %D against ICAL?	X			✓	

1st Level Reviewer: _____ Date: 09/26/11

2nd Level Reviewer: _____ Date: 9/26/11

C:\MSDCHEM\1\DATA\09222111.b\

Vial		Mult	SampleName	Batch	Injected
3	K1829.D	1	RINSE		22 Sep 11 15:00
3	K1829.D	1	RINSE		22 Sep 11 15:00
1	K1830.D	1	DFTPP-376445	not used PCP tailing	22 Sep 11 15:17
1	K1830.D	1	DFTPP-376445	not used PCP tailing	22 Sep 11 15:17
100	K1831.D	1	RINSE		22 Sep 11 15:30
100	K1831.D	1	RINSE		22 Sep 11 15:30
1	K1832.D	1	DFTPP-376445		22 Sep 11 15:39
1	K1832.D	1	DFTPP-376445		22 Sep 11 15:39
2	K1833.D	1	CCV-978535,MS-AP0080_000016		22 Sep 11 15:50
2	K1833.D	1	CCV-978535,MS-AP0080_000016		22 Sep 11 15:50
3	K1834.D	1	CCV-978533,MS-HSL080_000031		22 Sep 11 16:10
3	K1834.D	1	CCV-978533,MS-HSL080_000031		22 Sep 11 16:10
4	K1835.D	1	CCV-980565,MS-BZHD080_000008		22 Sep 11 16:30
4	K1835.D	1	CCV-980565,MS-BZHD080_000008		22 Sep 11 16:30
5	K1836.D	1	IC-978754,MS-HEX-10000_000003		22 Sep 11 16:50
5	K1836.D	1	IC-978754,MS-HEX-10000_000003		22 Sep 11 16:50
6	K1837.D	1	280-995396	86857-H WIGGINS IDOC	22 Sep 11 17:10
6	K1837.D	1	280-995396	86857-H WIGGINS IDOC	22 Sep 11 17:10
7	K1838.D	1	280-995397	86857-H WIGGINS IDOC	22 Sep 11 17:30
7	K1838.D	1	280-995397	86857-H WIGGINS IDOC	22 Sep 11 17:30
8	K1839.D	1	280-995398	86857-H WIGGINS IDOC	22 Sep 11 17:50
8	K1839.D	1	280-995398	86857-H WIGGINS IDOC	22 Sep 11 17:50
9	K1840.D	1	280-995399	86857-H WIGGINS IDOC	22 Sep 11 18:10
9	K1840.D	1	280-995399	86857-H WIGGINS IDOC	22 Sep 11 18:10
10	K1841.D	1	MB280-86602_1-A	86602-HABHEX+TICS	22 Sep 11 18:30
10	K1841.D	1	MB280-86602_1-A	86602-HABHEX+TICS	22 Sep 11 18:30
11	K1842.D	1	LCS280-86602_2-A	86602-HABHEX+TICS	22 Sep 11 18:50
11	K1842.D	1	LCS280-86602_2-A	86602-HABHEX+TICS	22 Sep 11 18:50
12	K1843.D	1	LCSD280-86602_3-A	86602-HABHEX+TICS	22 Sep 11 19:10
12	K1843.D	1	LCSD280-86602_3-A	86602-HABHEX+TICS	22 Sep 11 19:10
13	K1844.D	1	MB280-85528_1-A	85528-625	22 Sep 11 19:30
13	K1844.D	1	MB280-85528_1-A	85528-625	22 Sep 11 19:30
14	K1845.D	1	LCS280-85528_2-A	85528-625	22 Sep 11 19:50
14	K1845.D	1	LCS280-85528_2-A	85528-625	22 Sep 11 19:50
15	K1846.D	1	LCSD280-85528_3-A	85528-625	22 Sep 11 20:10
15	K1846.D	1	LCSD280-85528_3-A	85528-625	22 Sep 11 20:10
16	K1847.D	1	280-20042-A-2-F	86705-HAB	22 Sep 11 20:30
16	K1847.D	1	280-20042-A-2-F	86705-HAB	22 Sep 11 20:30
17	K1848.D	1	280-20240-A-2-A,10, VISC	86046-HAHEX+TICS	22 Sep 11 20:50
17	K1848.D	1	280-20240-A-2-A,10, VISC	86046-HAHEX+TICS	22 Sep 11 20:50
18	K1849.D	1	280-20285-F-13-A,10, NTC	86602-HA	22 Sep 11 21:10
18	K1849.D	1	280-20285-F-13-A,10, NTC	86602-HA	22 Sep 11 21:10
19	K1850.D	1	280-20285-F-14-A,10,	86602-HA	22 Sep 11 21:30
19	K1850.D	1	280-20285-F-14-A,10,	86602-HA	22 Sep 11 21:30
20	K1851.D	1	280-20285-F-15-A,10,	86602-HA	22 Sep 11 21:50
20	K1851.D	1	280-20285-F-15-A,10,	86602-HA	22 Sep 11 21:50
21	K1852.D	1	280-20285-C-16-A,20,	86602-HA	22 Sep 11 22:10
21	K1852.D	1	280-20285-C-16-A,20,	86602-HA	22 Sep 11 22:10
22	K1853.D	1	280-20326-D-1-A	86602-H	22 Sep 11 22:29
22	K1853.D	1	280-20326-D-1-A	86602-H	22 Sep 11 22:29
23	K1854.D	1	280-20326-F-2-A	86602-H	22 Sep 11 22:49
23	K1854.D	1	280-20326-F-2-A	86602-H	22 Sep 11 22:49
24	K1855.D	1	280-20328-B-7-A	86602-H	22 Sep 11 23:09
24	K1855.D	1	280-20328-B-7-A	86602-H	22 Sep 11 23:09
25	K1856.D	1	280-19914-C-1-A	86602-HAB	22 Sep 11 23:29
25	K1856.D	1	280-19914-C-1-A	86602-HAB	22 Sep 11 23:29
26	K1857.D	1	280-19914-A-2-A	86602-HAB	22 Sep 11 23:49
26	K1857.D	1	280-19914-A-2-A	86602-HAB	22 Sep 11 23:49
27	K1858.D	1	280-19914-E-4-A	86602-HAB	23 Sep 11 12:09
27	K1858.D	1	280-19914-E-4-A	86602-HAB	23 Sep 11 12:09
28	K1859.D	1	280-19914-D-5-A	86602-HAB	23 Sep 11 12:29
28	K1859.D	1	280-19914-D-5-A	86602-HAB	23 Sep 11 12:29
29	K1860.D	1	280-19914-E-6-A	86602-HAB	23 Sep 11 12:49
29	K1860.D	1	280-19914-E-6-A	86602-HAB	23 Sep 11 12:49
30	K1861.D	1	280-19914-D-9-A	86602-HAB	23 Sep 11 01:09
30	K1861.D	1	280-19914-D-9-A	86602-HAB	23 Sep 11 01:09
31	K1862.D	1	280-20359-A-1-A	86602-H	23 Sep 11 01:29
31	K1862.D	1	280-20359-A-1-A	86602-H	23 Sep 11 01:29
32	K1863.D	1	280-20365-C-1-A	86602-H	23 Sep 11 01:49
32	K1863.D	1	280-20365-C-1-A	86602-H	23 Sep 11 01:49
33	K1864.D	1	280-20389-B-2-A,10, NTC	86602-H	23 Sep 11 02:09
33	K1864.D	1	280-20389-B-2-A,10, NTC	86602-H	23 Sep 11 02:09
34	K1865.D	1	280-20389-A-3-A,10, TRC	86602-H	23 Sep 11 02:29
34	K1865.D	1	280-20389-A-3-A,10, TRC	86602-H	23 Sep 11 02:29
35	K1866.D	1	280-20240-A-2-B	86602-HAHEX+TICS	23 Sep 11 02:49
35	K1866.D	1	280-20240-A-2-B	86602-HAHEX+TICS	23 Sep 11 02:49
36	K1867.D	1	280-20087-C-1-A	85528-625	23 Sep 11 03:09
36	K1867.D	1	280-20087-C-1-A	85528-625	23 Sep 11 03:09
37	K1868.D	1	280-20087-C-2-A	85528-625	23 Sep 11 03:29
37	K1868.D	1	280-20087-C-2-A	85528-625	23 Sep 11 03:29
38	K1869.D	1	280-20087-B-3-A	85528-625	23 Sep 11 03:49
38	K1869.D	1	280-20087-B-3-A	85528-625	23 Sep 11 03:49
98	K1870.D	1	RINSE		23 Sep 11 04:09
98	K1870.D	1	RINSE		23 Sep 11 04:09

9/26/11

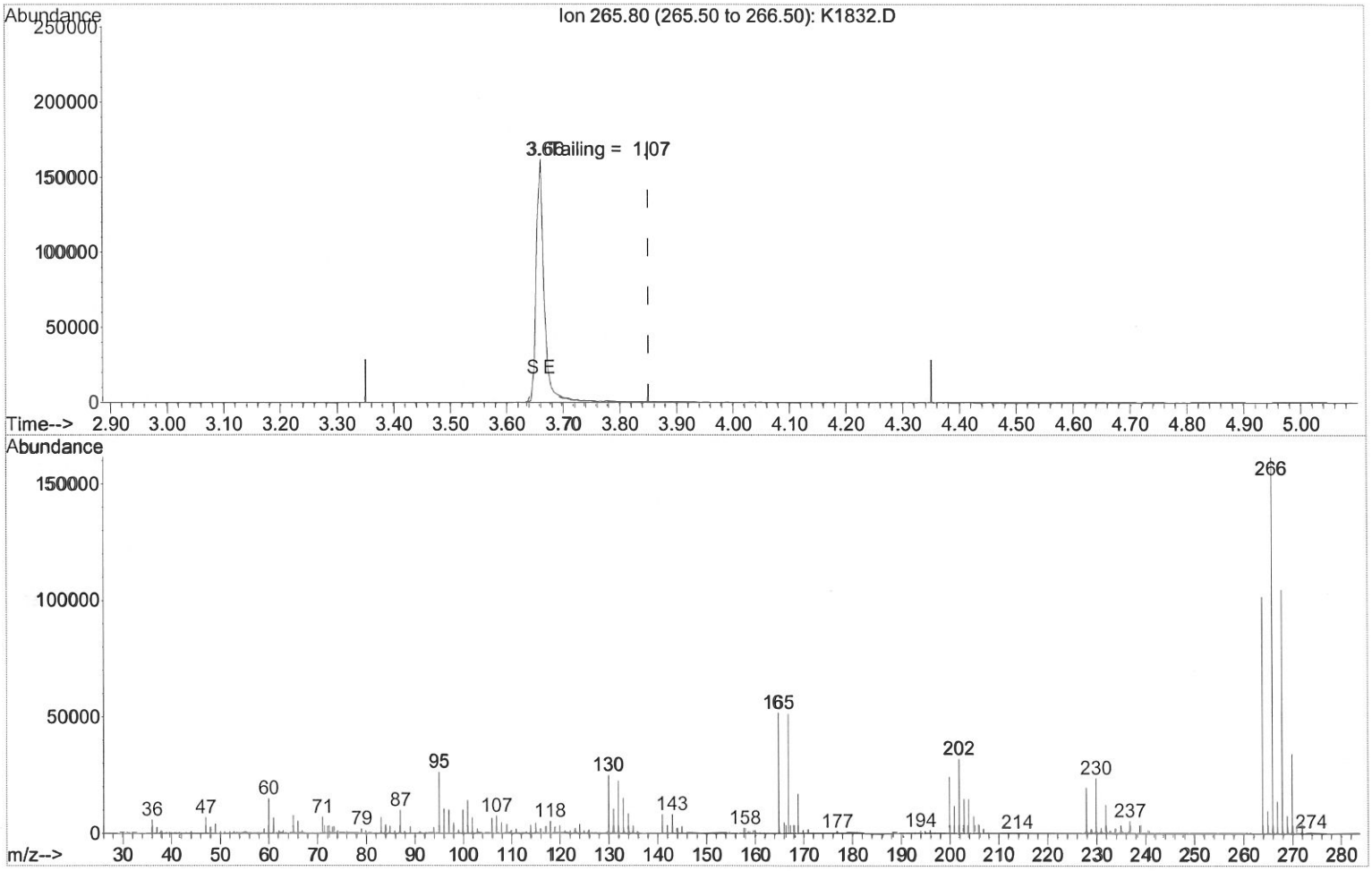
Dilluent Solvent Lot# KOH2223

Circle: SOP: DW-MS-00111 (8270C/6250) or DW-MS-000002 (PAH SIM) or DW-MS-000005 (PAH for CSLP)

Daily Maintenance Performed: [illegible] 9/26/11

Data Path : C:\MSDChem\1\DATA\092211.b\
Data File : K1832.D
Acq On : 22 Sep 2011 3:39 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 22 15:47:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1832.D

(1) Pentachlorophenol (Tailing<5)

3.661min (-0.189) 0.00ng/uL

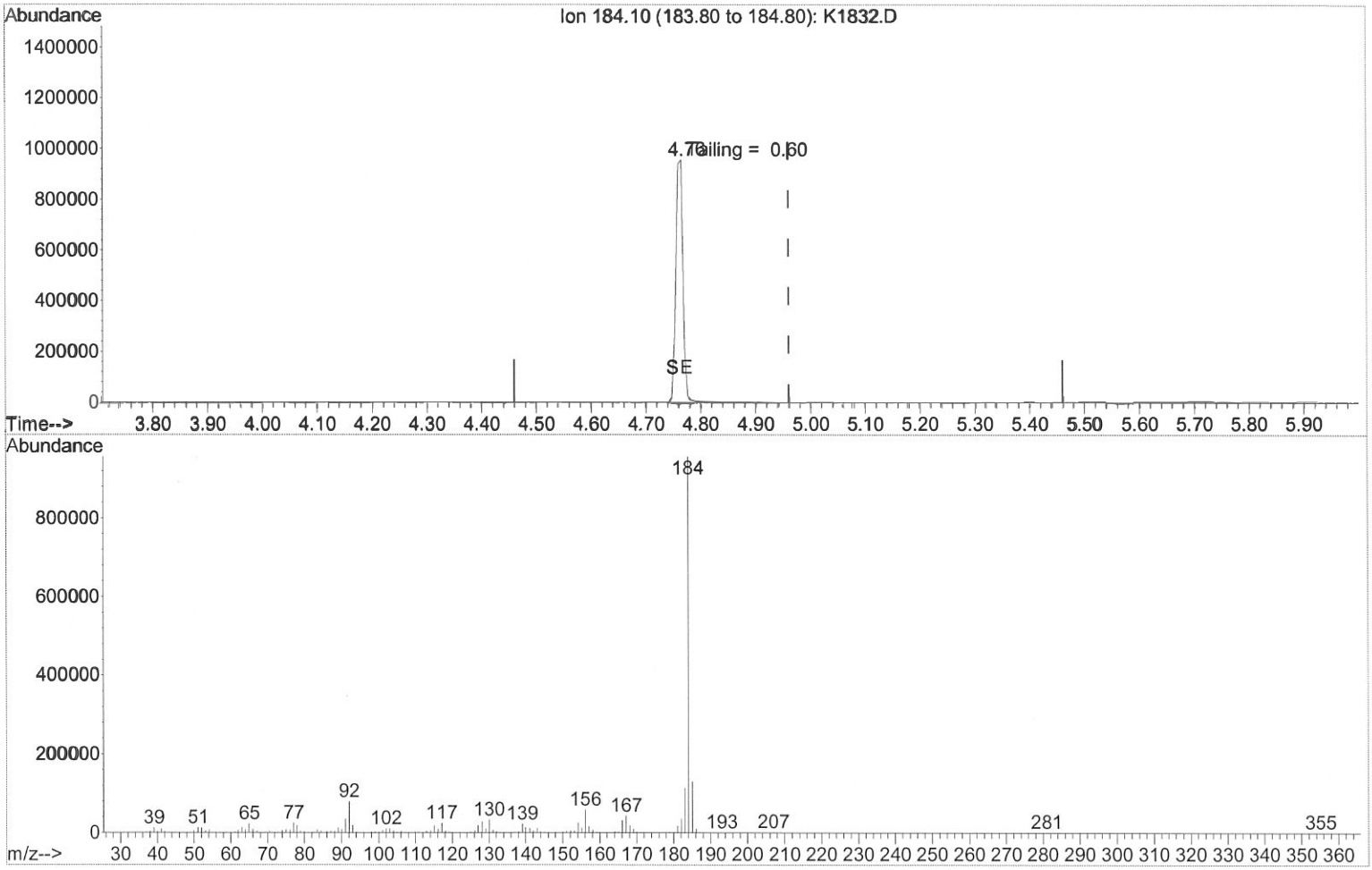
response 1516438

Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\092211.b\
Data File : K1832.D
Acq On : 22 Sep 2011 3:39 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 22 15:47:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1832.D

(3) Benzidine (Tailing<3)

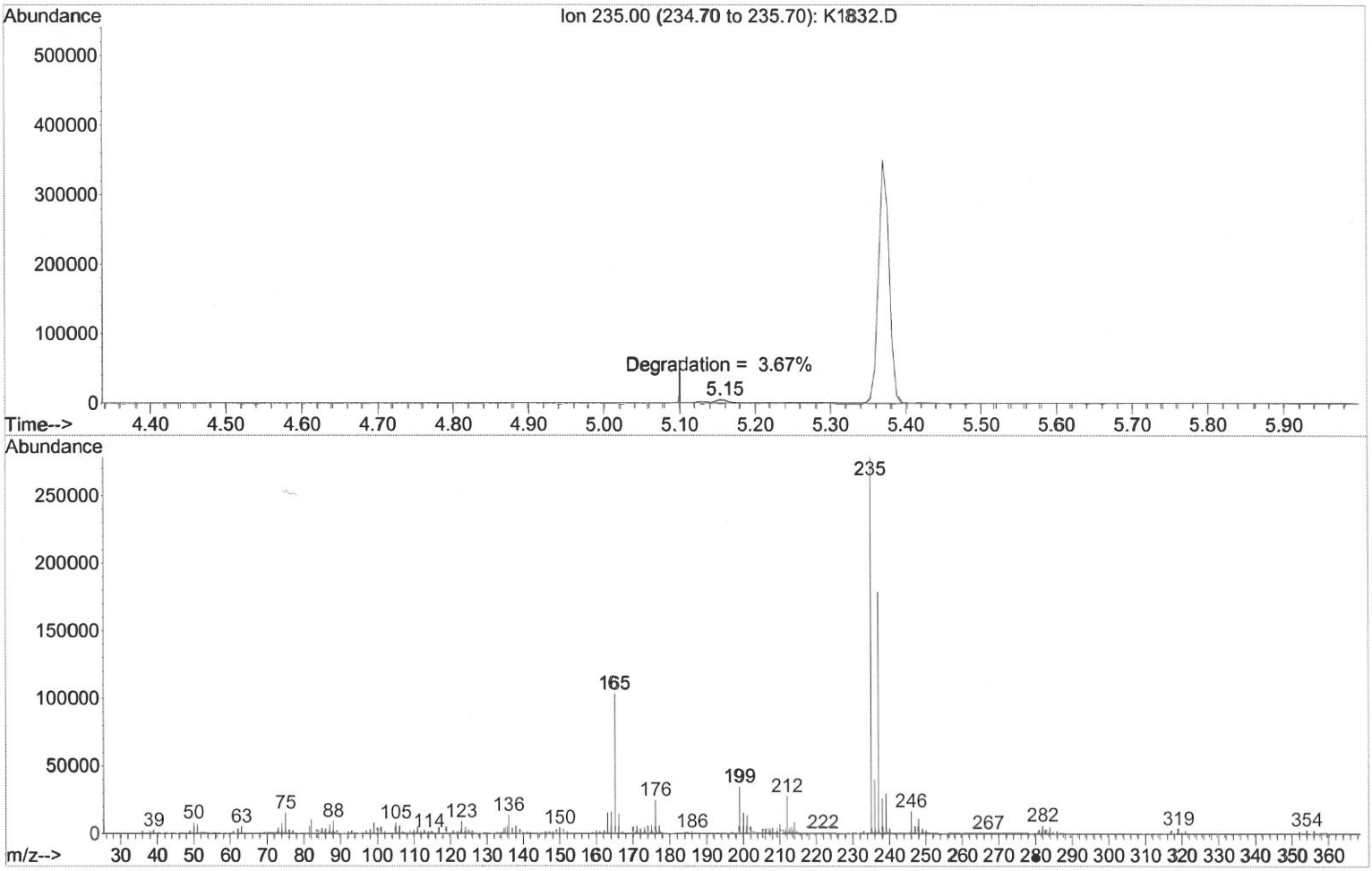
4.764min (-0.196) 0.00ng/uL

response 8704517

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\092211.b\
Data File : K1832.D
Acq On : 22 Sep 2011 3:39 pm
Operator : KIEKELD
Sample : DFTPP-376445
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 22 15:47:56 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1832.D

(4) 4,4'-DDT (Degradation<20%)

5.374min (-0.226) 0.00ng/uL

response 3430568

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Report Date: 26-Sep-2011 12:05

Calibration History

Method : \\DenSvr03\Public\chem\MSS\K.i\092211.b\8270C.m
Start Cal Date: 04-AUG-2011 11:05
End Cal Date : 22-SEP-2011 16:50
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 4.00000		
05-AUG-2011 11:37	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1546.D
Cal Level: 2 , Cal Amount: 10.00000		
05-AUG-2011 15:33	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1557.D
05-AUG-2011 11:58	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1547.D
05-AUG-2011 08:45	4-CUST	\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1538.D
04-AUG-2011 17:15	3-REF	\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1524.D
04-AUG-2011 14:18	PHE	\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1516.D
04-AUG-2011 11:26	Benzaldehyde	\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1508.D
Cal Level: 3 , Cal Amount: 20.00000		
05-AUG-2011 15:54	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1558.D
05-AUG-2011 12:19	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1548.D
05-AUG-2011 09:07	4-CUST	\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1539.D
04-AUG-2011 17:42	3-REF	\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1525.D
04-AUG-2011 14:39	PHE	\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1517.D
04-AUG-2011 11:48	Benzaldehyde	\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1509.D
Cal Level: 4 , Cal Amount: 50.00000		
22-SEP-2011 16:50	10-HEX	\\DenSvr03\Public\chem\MSS\K.i\092211.b\K1836.D
05-AUG-2011 16:16	2-AP9std	\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1559.D
05-AUG-2011 12:41	1-HSL	\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1549.D
05-AUG-2011 09:28	4-CUST	

\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1540.D		
04-AUG-2011 18:09	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1526.D		
04-AUG-2011 15:01	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1518.D		
04-AUG-2011 12:09	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1510.D		

Cal Level: 5 , Cal Amount: 80.00000		
05-AUG-2011 15:11	2-AP9std	
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1556.D		
05-AUG-2011 11:15	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1545.D		
05-AUG-2011 08:24	4-CUST	
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1537.D		
04-AUG-2011 16:48	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1523.D		
04-AUG-2011 13:56	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1515.D		
04-AUG-2011 11:05	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1507.D		

Cal Level: 6 , Cal Amount: 120.00000		
05-AUG-2011 16:37	2-AP9std	
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1560.D		
05-AUG-2011 13:02	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1550.D		
05-AUG-2011 09:49	4-CUST	
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1541.D		
04-AUG-2011 18:36	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1527.D		
04-AUG-2011 15:22	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1519.D		
04-AUG-2011 12:30	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1511.D		

Cal Level: 7 , Cal Amount: 160.00000		
05-AUG-2011 16:59	2-AP9std	
\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1561.D		
05-AUG-2011 13:24	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1551.D		
05-AUG-2011 10:11	4-CUST	
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1542.D		
04-AUG-2011 19:03	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1528.D		
04-AUG-2011 15:43	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1520.D		
04-AUG-2011 12:52	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1512.D		

Cal Level: 8 , Cal Amount: 200.00000		
21-SEP-2011 15:48	10-HEX	
\\DenSvr03\Public\chem\MSS\K.i\092111.b\K1779.D		
05-AUG-2011 17:20	2-AP9std	

\\DenSvr03\Public\chem\MSS\K.i\080511b.b\K1562.D		
05-AUG-2011 13:45	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\080511a.b\K1552.D		
05-AUG-2011 10:32	4-CUST	
\\DenSvr03\Public\chem\MSS\K.i\080511.b\K1543.D		
04-AUG-2011 19:30	3-REF	
\\DenSvr03\Public\chem\MSS\K.i\080411b.b\K1529.D		
04-AUG-2011 16:05	PHE	
\\DenSvr03\Public\chem\MSS\K.i\080411a.b\K1521.D		
04-AUG-2011 13:13	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\080411.b\K1513.D		

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

22-SEP-2011 16:30	Benzaldehyde	
\\DenSvr03\Public\chem\MSS\K.i\092211.b\K1835.D		
22-SEP-2011 16:10	1-HSL	
\\DenSvr03\Public\chem\MSS\K.i\092211.b\K1834.D		
22-SEP-2011 15:50	2-AP9std	
\\DenSvr03\Public\chem\MSS\K.i\092211.b\K1833.D		

TestAmerica Denver
GC/MS SVOA Initial Calibration Review Checklist

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Instrument ID and Date: K Benzaldehyde 080411
Calibration Event 6702 Batch 280-79860

Check Method Used: Analysis ☐ 625 ☒ 8270 ☐ Other SV _____

Review Items	Level 1 Yes	Level 1 No	Level 1 N/A	Level 2	Comments
Initial Calibration					
1. DFTPP meets criteria?	X			✓	
2. ICAL date and instrument ID verified?	X			✓	
3. Does the Form VI match the data in the Target source method?	X			✓	
4. Sufficient number of calibration points used?	X			✓	
5. Reasons for removal of points documented?	X			✓	Some points < RL removed
6. %RSD or correlation coefficient within method limits?	X			✓	
7. If RRF used for ICAL, were all compounds within 15% RSD?	X			✓	List all exceptions below (cpd & RSD)
8. Response factors meet criteria?			X	NA	
9. Isomeric pairs checked for correct peak assignment?			X	NA	
10. Data checked for detector saturation?	X			✓	
11. Standards traceability properly documented?	X			✓	
12. Manual integrations documented and checked?			X	NA	
13. 2nd source ICV recovery 75-125% (±25%drift)for DoD projects, 65-135% (±35%,or ±55% of expected for poor performers) for non-DoD? Exceptions noted in comment section.)	X			✓	

1st Level Reviewer: _____ Date: 08/04/11

2nd Level Reviewer: _____ Date: 8/4/11

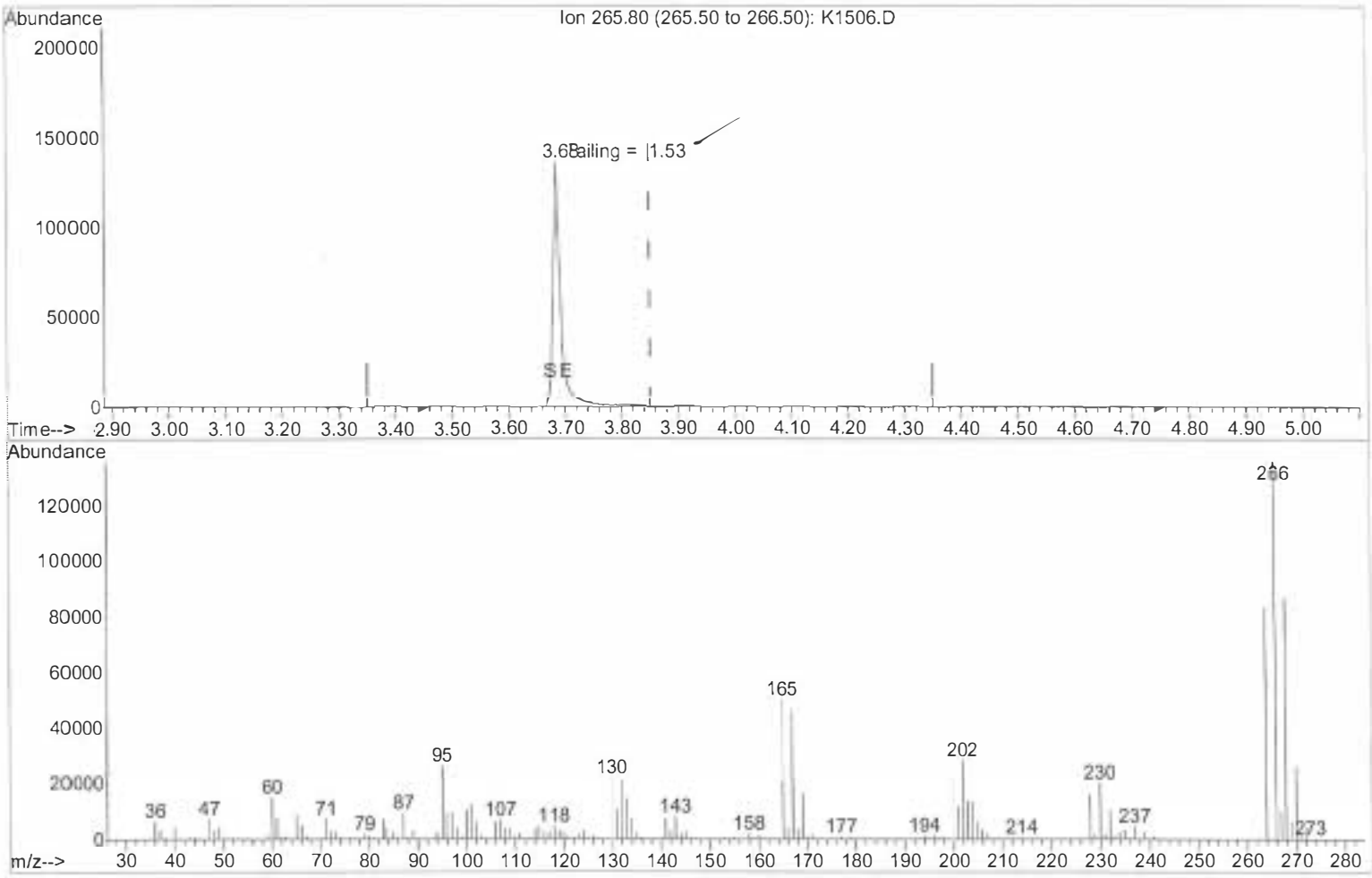
C:\MSDCHEM\1\DATA\080411.b\

Vial		Mult	Sample Name	Batch	Injected
1	K1505.D	1	DFTPP-376445	NOT USED AMU GAIN 10v	04 Aug 11 10:34
1	K1506.D	1	DFTPP-376446		04 Aug 11 10:47
2	K1507.D	1	ICIS-771759,,MS-BZHD-080_00006		04 Aug 11 11:05
3	K1508.D	1	STD010-771756,,MS-BZHD-010_00006		04 Aug 11 11:26
4	K1509.D	1	STD020-771757,,MS-BZHD-020_00006		04 Aug 11 11:48
5	K1510.D	1	STD050-771758,,MS-BZHD-050_00006		04 Aug 11 12:09
6	K1511.D	1	STD120-771760,,MS-BZHD-120_00006		04 Aug 11 12:30
7	K1512.D	1	STD160-771761,,MS-BZHD-160_00007		04 Aug 11 12:52
8	K1513.D	1	STD200-771778,,MS-BZHD-200_00006		04 Aug 11 13:13
9	K1514.D	1	ICV-771779,,MS-BZHDSSV100_00006		04 Aug 11 13:35

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\080411.b\
Data File : K1506.D
Acq On : 4 Aug 2011 10:47 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 14:07:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1506.D

(1) Pentachlorophenol (Tailing<5)

3.686min (-0.164) 0.00ng/uL

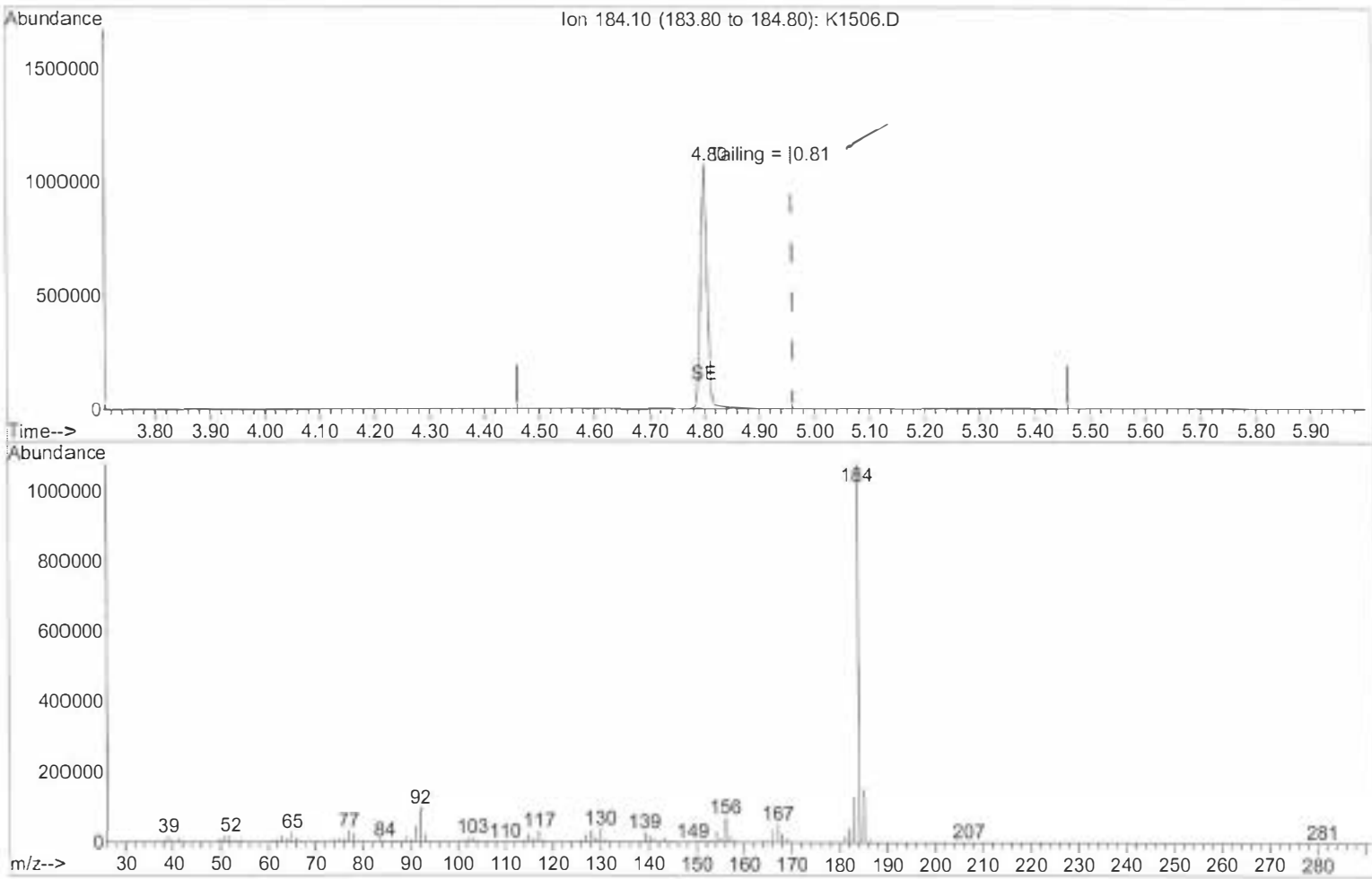
response 1305729

Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\080411.b\
Data File : K1506.D
Acq On : 4 Aug 2011 10:47 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 14:07:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1506.D

(3) Benzidine (Tailing<3)

4.802min (-0.158) 0.00ng/uL

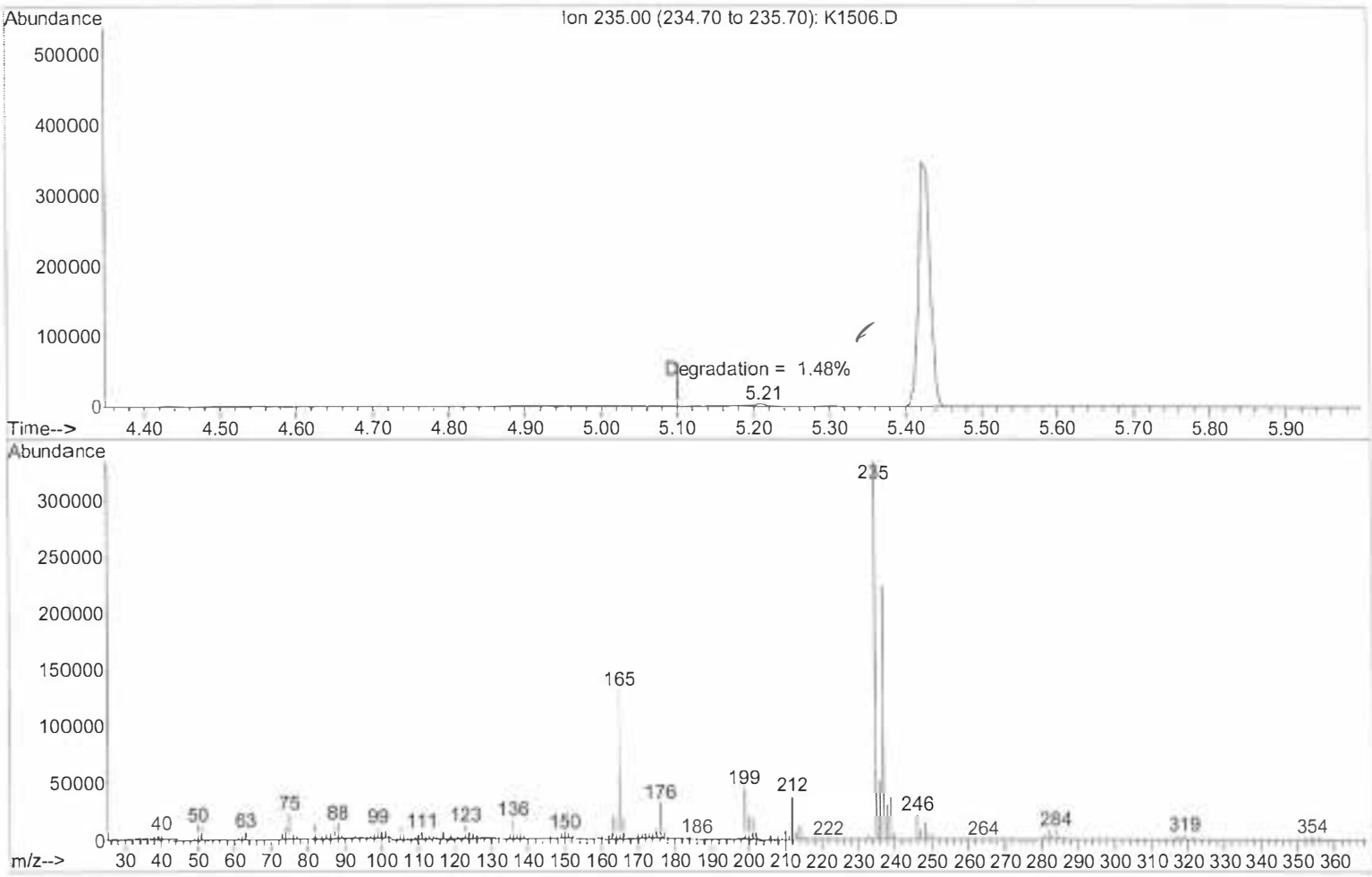
response 8813365

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\MSDChem\1\DATA\080411.b\
Data File : K1506.D
Acq On : 4 Aug 2011 10:47 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 14:07:58 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1506.D

(4) 4,4'-DDT (Degradation<20%)

5.428min (-0.172) 0.00ng/uL

response 3584363

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TestAmerica Denver
GC/MS SVOA Initial Calibration Review Checklist

TestAmerica

Instrument ID and Date: K HSL 080511a
Calibration Event 6744 Batch 280-80421

Check Method Used: Analysis ☒ 625 ☒ 8270 ☐ Other SV _____

Review Items	Level 1 Yes	Level 1 No	Level 1 N/A	Level 2	Comments
Initial Calibration					
1. DFTPP meets criteria?	X			✓	
2. ICAL date and instrument ID verified?	X			✓	
3. Does the Form VI match the data in the Target source method?	X			✓	
4. Sufficient number of calibration points used?	X			✓	
5. Reasons for removal of points documented?	X			✓	Some points < RL removed
6. %RSD or correlation coefficient within method limits?	X			✓	
7. If RRF used for ICAL, were all compounds within 15% RSD?			X	NA	List all exceptions below (cpd & RSD)
8. Response factors meet criteria?	X			✓	
9. Isomeric pairs checked for correct peak assignment?	X			✓	
10. Data checked for detector saturation?	X			✓	
11. Standards traceability properly documented?	X			✓	
12. Manual integrations documented and checked?			X	NA	
13. 2nd source ICV (recovery 75-125% (±25%drift)for DoD projects, 65-135% (±35%,or ±55% of expected for poor performers) for non-DoD? Exceptions noted in comment section	X			✓	

1st Level Reviewer: [signature] Date: 08/09/11

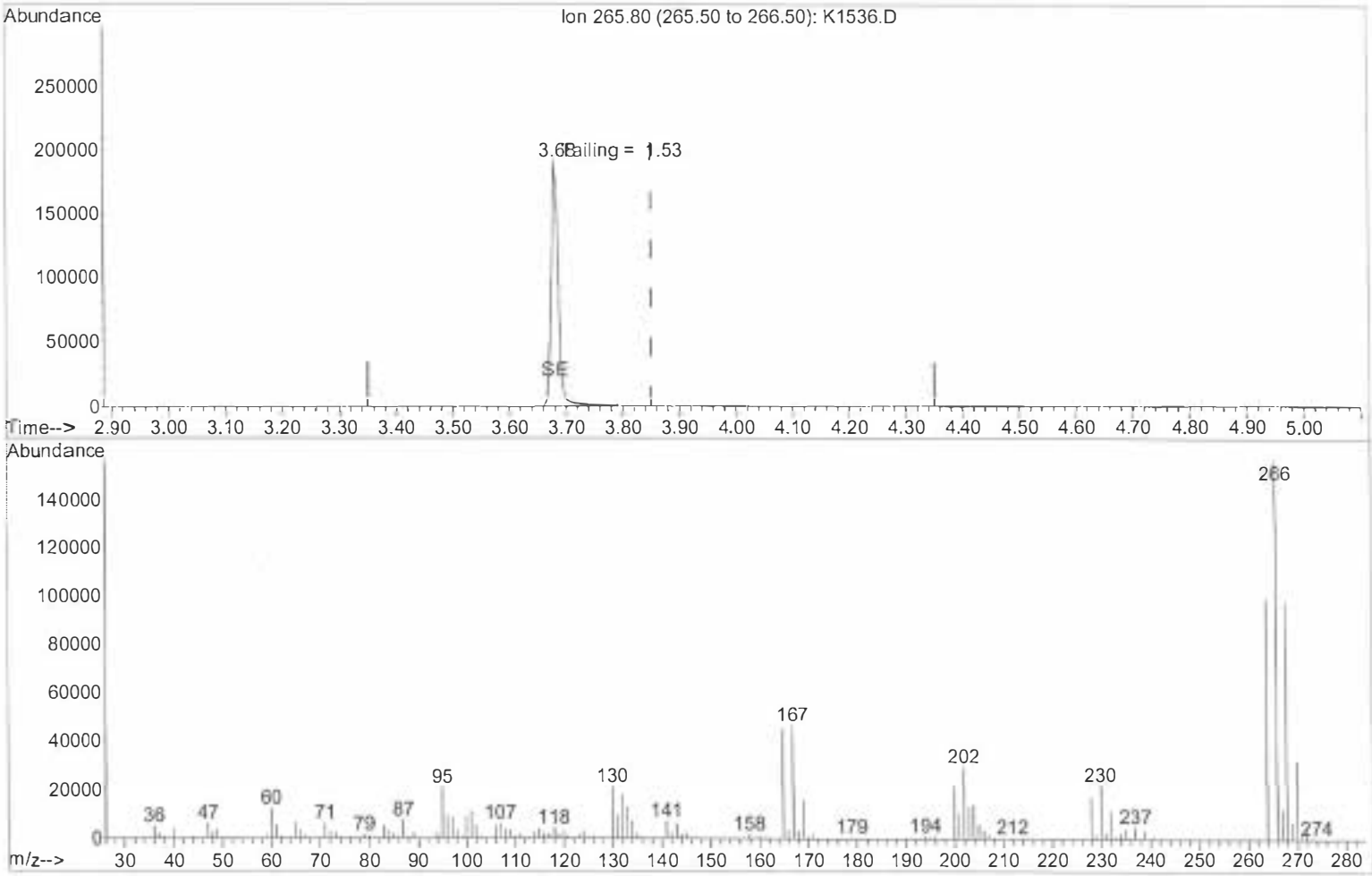
2nd Level Reviewer: MJ Date: 8/9/11

C:\MSDCHEM\1\DATA\080511.b\

Vial		Mult	Sample Name	Batch	Injected
100	K1534.D	1	RINSE		05 Aug 11 07:42
1	K1535.D	1	DFTPP-376445	not used. incr. AMU gain 7v	05 Aug 11 08:00
1	K1536.D	1	DFTPP-376446		05 Aug 11 08:12
2	K1537.D	1	ICIS-751279,,MS-CUST-080_00011		05 Aug 11 08:24
3	K1538.D	1	STD010-751276,,MS-CUST-010_00011		05 Aug 11 08:45
4	K1539.D	1	STD020-751277,,MS-CUST-020_00011		05 Aug 11 09:07
5	K1540.D	1	STD050-751278,,MS-CUST-050_00011		05 Aug 11 09:28
6	K1541.D	1	STD120-751280,,MS-CUST-120_00011		05 Aug 11 09:49
7	K1542.D	1	STD160-751281,,MS-CUST-160_00011		05 Aug 11 10:11
8	K1543.D	1	STD200-751282,,MS-CUST-200_00011		05 Aug 11 10:32
9	K1544.D	1	ICV-751284,,MS-CUST-SSV_00010		05 Aug 11 10:54
10	K1545.D	1	ICIS-840620,,MS-HSL080_00011		05 Aug 11 11:15
11	K1546.D	1	STD004-840614,,MS-HSL004_00011		05 Aug 11 11:37
12	K1547.D	1	STD010-840615,,MS-HSL010_00011		05 Aug 11 11:58
13	K1548.D	1	STD020-840616,,MS-HSL020_00011		05 Aug 11 12:19
14	K1549.D	1	STD050-840617,,MS-HSL050_00011		05 Aug 11 12:41
15	K1550.D	1	STD120-840621,,MS-HSL120_00011		05 Aug 11 13:02
16	K1551.D	1	STD160-840622,,MS-HSL160_00011		05 Aug 11 13:24
17	K1552.D	1	STD200-840623,,MS-HSL200_00011		05 Aug 11 13:45
18	K1553.D	1	ICV-885219,,MS-HSLSSV080_00019		05 Aug 11 14:07
19	K1554.D	1	ICV-840626,,MS-BENZSSV100_00012		05 Aug 11 14:28
20	K1555.D	1	ICV-840612,,MS-FAMSSV_100_00003		05 Aug 11 14:50
21	K1556.D	1	ICIS-909136,,MS-AP9-080_00014		05 Aug 11 15:11
22	K1557.D	1	STD010-909119,,MS-AP9-010_00014		05 Aug 11 15:33
23	K1558.D	1	STD020-909134,,MS-AP9-020_00014		05 Aug 11 15:54
24	K1559.D	1	STD050-909135,,MS-AP9-050_00014		05 Aug 11 16:16
25	K1560.D	1	STD120-909137,,MS-AP9-120_00014		05 Aug 11 16:37
26	K1561.D	1	STD160-909138,,MS-AP9-160_00014		05 Aug 11 16:59
27	K1562.D	1	STD200-909139,,MS-AP9-200_00014		05 Aug 11 17:20
28	K1563.D	1	ICV-909141,,MS-AP9SSV1_00017		05 Aug 11 17:42
29	K1564.D	1	ICV-909151,,MS-AP9SSV2_00014		05 Aug 11 18:03

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(1) Pentachlorophenol (Tailing<5)

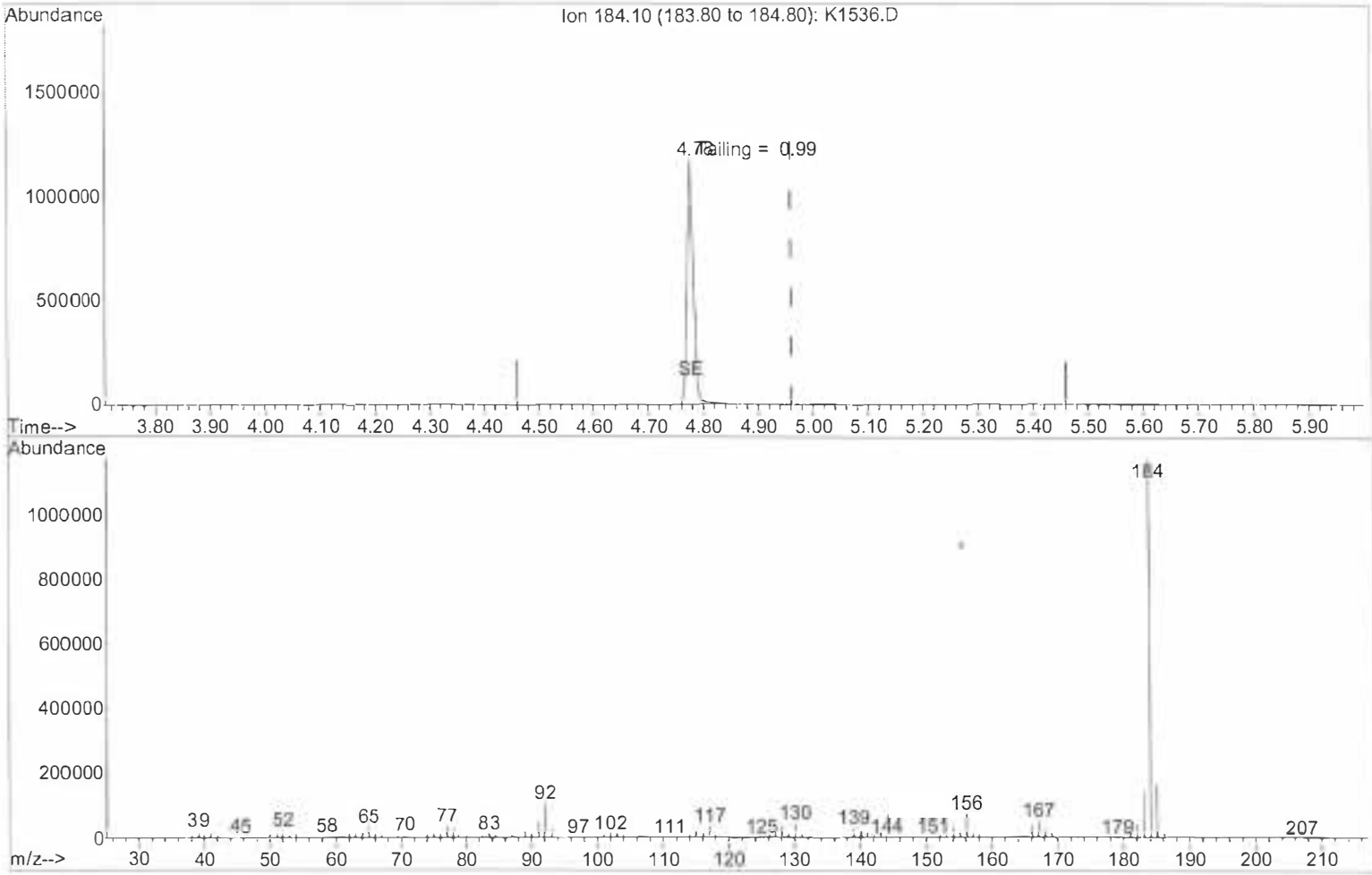
3.682min (-0.168) 0.00ng/uL

response 1676644

Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(3) Benzidine (Tailing<3)

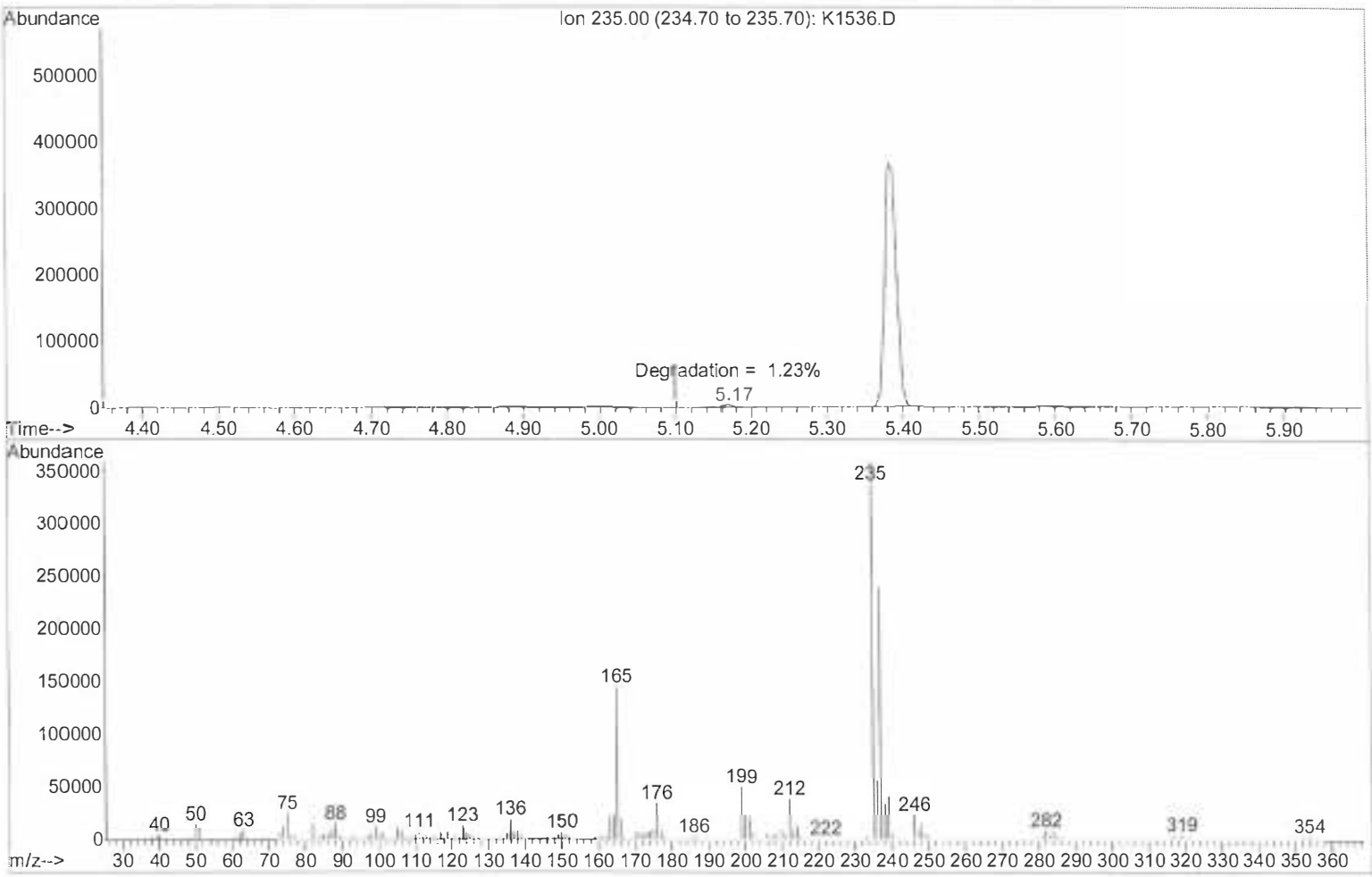
4.780min (-0.180) 0.00ng/uL

response 9218484

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(4) 4,4'-DDT (Degradation<20%)

5.388min (-0.212) 0.00ng/uL

response 3876646

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TestAmerica Denver
GC/MS SVOA Initial Calibration Review Checklist

TestAmerica

Instrument ID and Date: K AP9 080511B
Calibration Event 6745 Batch 80428

Check Method Used: Analysis ☐ 625 ☒ 8270 ☐ Other SV _____

Review Items	Level 1 Yes	Level 1 No	Level 1 N/A	Level 2	Comments
Initial Calibration					
1. DFTPP meets criteria?	X			✓	
2. ICAL date and instrument ID verified?	X			✓	
3. Does the Form VI match the data in the Target source method?	X			✓	
4. Sufficient number of calibration points used?	X			✓	
5. Reasons for removal of points documented?	X			✓	Some points < RL removed
6. %RSD or correlation coefficient within method limits?	X			✓	
7. If RRF used for ICAL, were all compounds within 15% RSD?			X	NA	List all exceptions below (cpd & RSD)
8. Response factors meet criteria?			X	NA	
9. Isomeric pairs checked for correct peak assignment?	X			✓	
10. Data checked for detector saturation?	X			✓	
11. Standards traceability properly documented?	X			✓	
12. Manual integrations documented and checked?	X			✓	
13. 2nd source ICV recovery 75-125% (±25%drift)for DoD projects, 65-135%(±35%,or ±55% of expected for poor performers) for non-DoD? Exceptions noted in comment section.		X		→	Methyl Methanesulfonate = 193.45% 1,4-Napthoquinone = 176.68% Methapyrilene = 157.44%

1st Level Reviewer: _____ Date: 08/09/11

2nd Level Reviewer: _____ Date: 8/9/11

1,4-Napthoquinone hipt = 160ppb

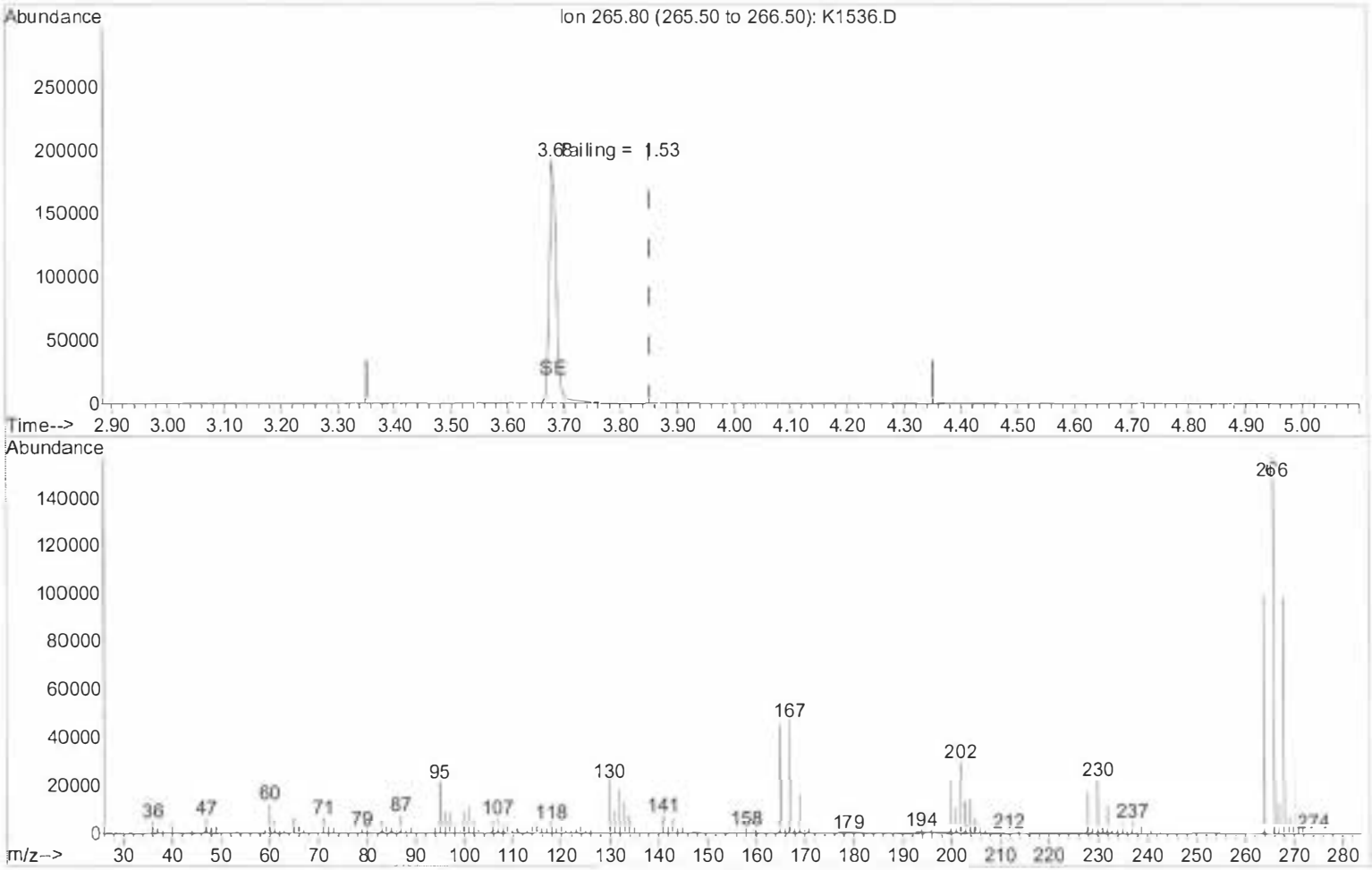
Dimethoate hipt = 160ppb

C:\MSDCHEM\1\DATA\080511.b\

Vial		Mult	Sample Name	Batch	Injected
100	K1534.D	1	RINSE		05 Aug 11 07:42
1	K1535.D	1	DFTPP-376445	not used. incr. AMU gain 7v	05 Aug 11 08:00
1	K1536.D	1	DFTPP-376446		05 Aug 11 08:12
2	K1537.D	1	ICIS-751279,,MS-CUST-080_00011		05 Aug 11 08:24
3	K1538.D	1	STD010-751276,,MS-CUST-010_00011		05 Aug 11 08:45
4	K1539.D	1	STD020-751277,,MS-CUST-020_00011		05 Aug 11 09:07
5	K1540.D	1	STD050-751278,,MS-CUST-050_00011		05 Aug 11 09:28
6	K1541.D	1	STD120-751280,,MS-CUST-120_00011		05 Aug 11 09:49
7	K1542.D	1	STD160-751281,,MS-CUST-160_00011		05 Aug 11 10:11
8	K1543.D	1	STD200-751282,,MS-CUST-200_00011		05 Aug 11 10:32
9	K1544.D	1	ICV-751284,,MS-CUST-SSV_00010		05 Aug 11 10:54
10	K1545.D	1	ICIS-840620,,MS-HSL080_00011		05 Aug 11 11:15
11	K1546.D	1	STD004-840614,,MS-HSL004_00011		05 Aug 11 11:37
12	K1547.D	1	STD010-840615,,MS-HSL010_00011		05 Aug 11 11:58
13	K1548.D	1	STD020-840616,,MS-HSL020_00011		05 Aug 11 12:19
14	K1549.D	1	STD050-840617,,MS-HSL050_00011		05 Aug 11 12:41
15	K1550.D	1	STD120-840621,,MS-HSL120_00011		05 Aug 11 13:02
16	K1551.D	1	STD160-840622,,MS-HSL160_00011		05 Aug 11 13:24
17	K1552.D	1	STD200-840623,,MS-HSL200_00011		05 Aug 11 13:45
18	K1553.D	1	ICV-885219,,MS-HSLSSV080_00019		05 Aug 11 14:07
19	K1554.D	1	ICV-840626,,MS-BENZSSV100_00012		05 Aug 11 14:28
20	K1555.D	1	ICV-840612,,MS-FAMSSV_100_00003		05 Aug 11 14:50
21	K1556.D	1	ICIS-909136,,MS-AP9-080_00014		05 Aug 11 15:11
22	K1557.D	1	STD010-909119,,MS-AP9-010_00014		05 Aug 11 15:33
23	K1558.D	1	STD020-909134,,MS-AP9-020_00014		05 Aug 11 15:54
24	K1559.D	1	STD050-909135,,MS-AP9-050_00014		05 Aug 11 16:16
25	K1560.D	1	STD120-909137,,MS-AP9-120_00014		05 Aug 11 16:37
26	K1561.D	1	STD160-909138,,MS-AP9-160_00014		05 Aug 11 16:59
27	K1562.D	1	STD200-909139,,MS-AP9-200_00014		05 Aug 11 17:20
28	K1563.D	1	ICV-909141,,MS-AP9SSV1_00017		05 Aug 11 17:42
29	K1564.D	1	ICV-909151,,MS-AP9SSV2_00014		05 Aug 11 18:03

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(1) Pentachlorophenol (Tailing<5)

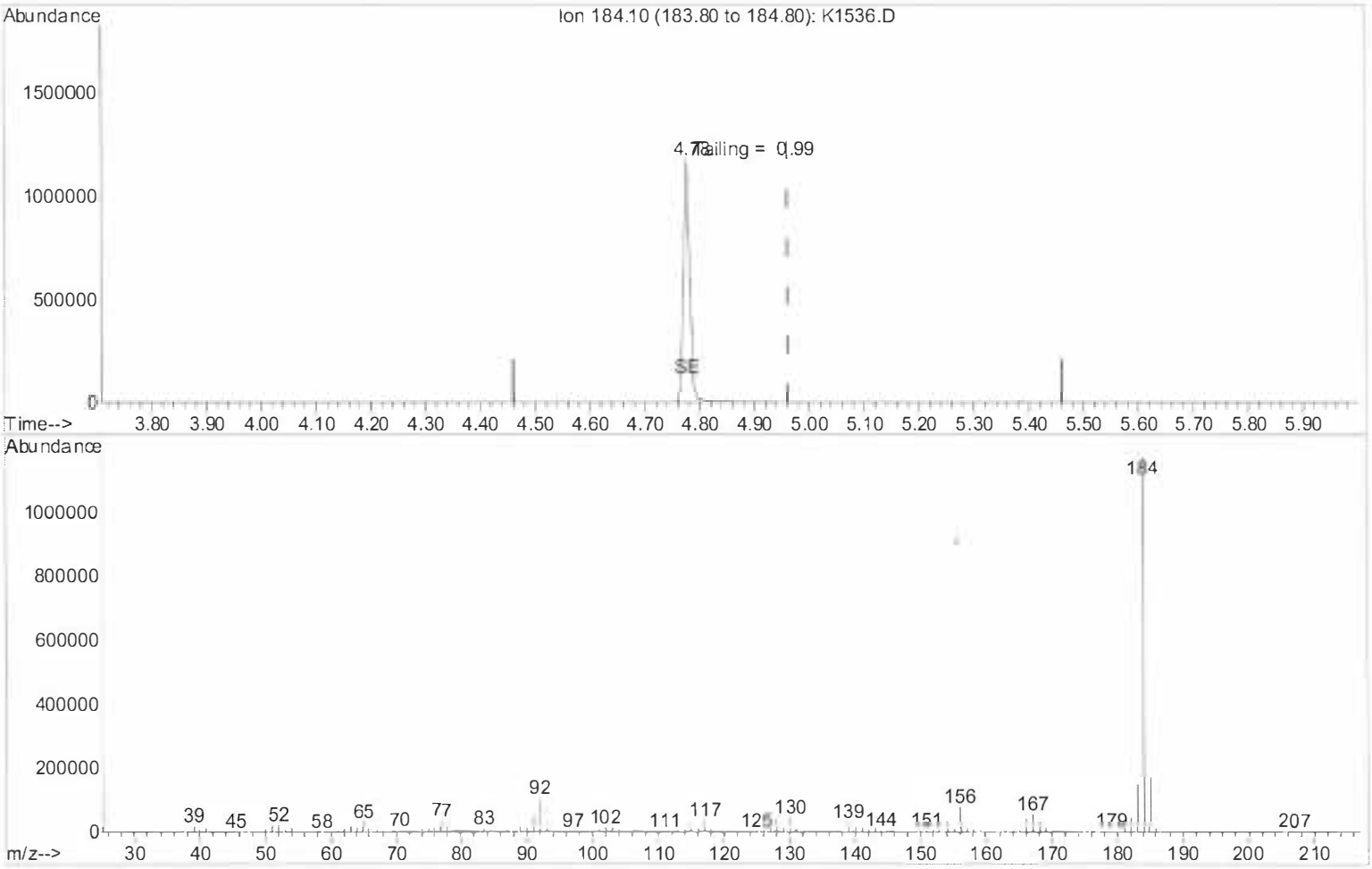
3.682min (-0.168) 0.00ng/uL

response 1676644

Ion	Exp%	Act%
265.80	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(3) Benzidine (Tailing<3)

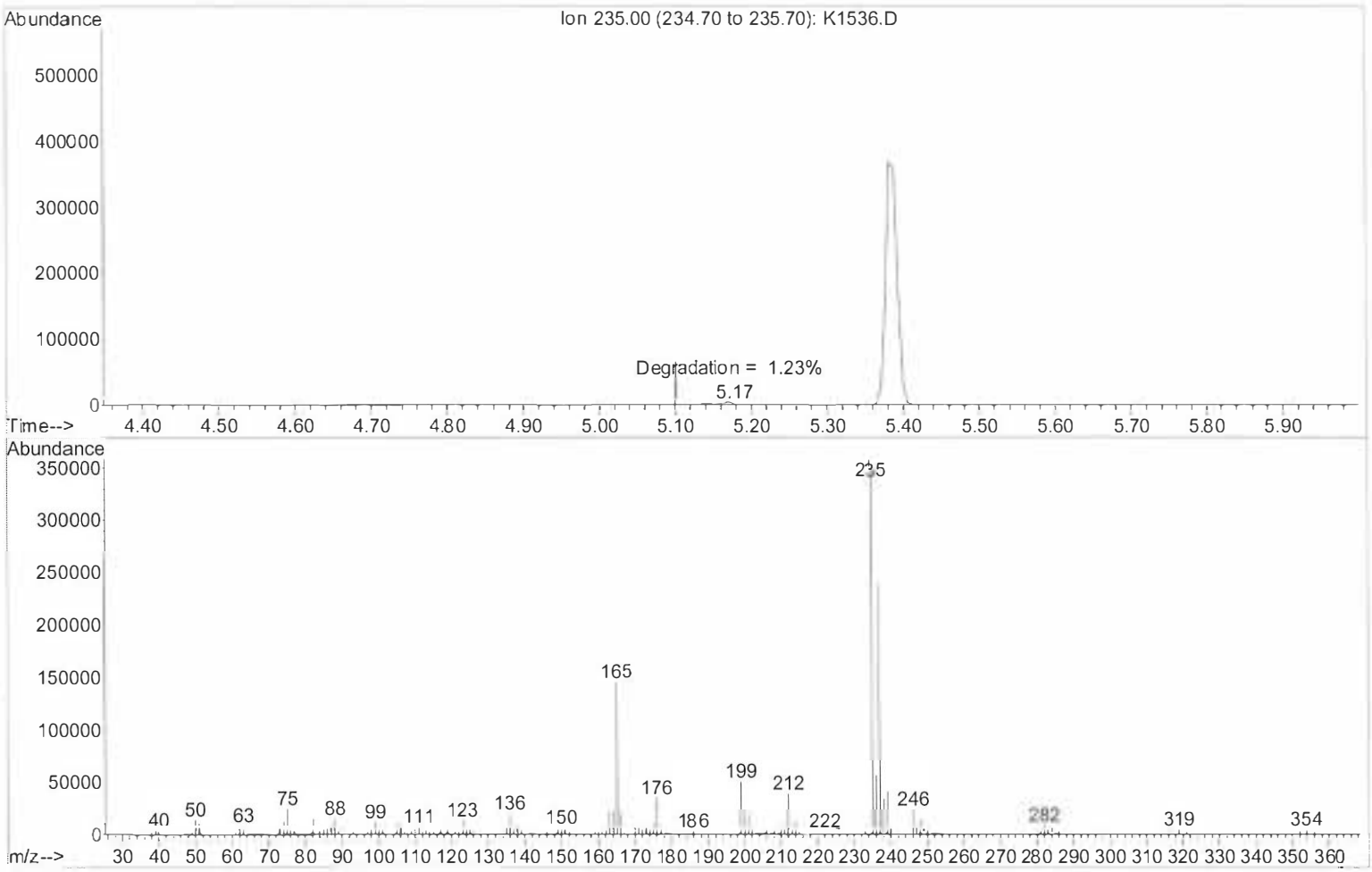
4.780min (-0.180) 0.00ng/uL

response 9218484

Ion	Exp%	Act%
184.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : C:\MSDChem\1\DATA\080511.b\
Data File : K1536.D
Acq On : 5 Aug 2011 8:12 am
Operator : KIEKELD
Sample : DFTPP-376446
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 12:15:48 2011
Quant Method : C:\MSDCHEM\1\METHODS\DFTPPC.M
Quant Title :
QLast Update : Thu Jan 26 22:22:15 2006
Response via : Initial Calibration



TIC: K1536.D

(4) 4,4'-DDT (Degradation<20%)

5.388min (-0.212) 0.00ng/uL

response 3876646

Ion	Exp%	Act%
235.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86705 Batch Start Date: 09/19/11 11:18 Batch Analyst: Decker, Susan H

Batch Method: 3550C Batch End Date: 09/19/11 23:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8270LCS80ppm 00026	8270Surrogate 00032	AnalysisComment	
MB 280-86705/1		3550C, 8270C/DoD		32.6 g	1000 uL		1 mL		
LCS 280-86705/2		3550C, 8270C/DoD		30.0 g	1000 uL	1 mL	1 mL		
280-20042-A-1	TMCSD0101FA	3550C, 8270C/DoD	T	32.8 g	1000 uL		1 mL		
280-20042-A-2	TMCSD0201FA	3550C, 8270C/DoD	T	32.2 g	1000 uL		1 mL		
280-20042-A-2 MS	TMCSD0201FA	3550C, 8270C/DoD	T	30.1 g	1000 uL	1 mL	1 mL		
280-20042-A-2 MSD	TMCSD0201FA	3550C, 8270C/DoD	T	31.4 g	1000 uL	1 mL	1 mL		
280-20042-A-3	TMCSD0301FA	3550C, 8270C/DoD	T	30.5 g	1000 uL		1 mL		
280-20042-A-4	TMCSD0401FA	3550C, 8270C/DoD	T	31.1 g	1000 uL		1 mL		
280-20042-A-5	TMCSD0501FA	3550C, 8270C/DoD	T	30.5 g	1000 uL		1 mL	contained a lot of water in sample	
280-20042-A-6	TMCSD0601FA	3550C, 8270C/DoD	T	31.3 g	1000 uL		1 mL		
280-20042-A-7	TMCSD0701FA	3550C, 8270C/DoD	T	32.0 g	1000 uL		1 mL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86705 Batch Start Date: 09/19/11 11:18 Batch Analyst: Decker, Susan H

Batch Method: 3550C Batch End Date: 09/19/11 23:45

Batch Notes	
Balance ID	24750402
Batch Comment	DV-OP-0016/7 trainee seanflynn
Blank Soil Lot Number	2AB0606
Person's name who did the concentration	HubbsL
Exchange Solvent Lot #	N.A.
Exchange Solvent Name	N.A.
Florisil Lot #	N.A.
Florisil Solution Reagent ID	N.A.
Na2SO4 Lot Number	K10624H
Nominal Amount Used	30 g
Prep Solvent Lot #	K25E14
Prep Solvent Name	1/1-ACETONE/MECL2
Prep Solvent Volume Used	300 mL
Person's name who witnessed reagent drop	reviewer: Bourgey D. s/s Decker S. Flynn S. pipette:C
Silica Gel Lot Number	N.A.
Vendor of Reagent used	n.a.
Water Bath ID	B
Water Bath Temperature	88C Degrees C

Basis	Basis Description
T	Total/NA

Method 8081A

Organochlorine Pesticides (GC) by Method 8081A

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP1 ID: 0.32 (mm) GC Column (2): CLP2 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	TCX1	#	TCX2	#	DCB1	#	DCB2	#
TMCSD0101FA	280-20042-1	47	Q	68	Q	0	Q	0	Q
TMCSD0101FA DL	280-20042-1 DL	59 Q D		66 Q D		311 D Q		1375 D Q	
TMCSD0201FA	280-20042-2	57	Q	71		84		78	
TMCSD0301FA	280-20042-3	64	Q	71		92		84	
TMCSD0401FA	280-20042-4	52	Q	62	Q	79		71	
TMCSD0501FA	280-20042-5	59	Q	73		92		84	
TMCSD0601FA	280-20042-6	53	Q	68	Q	72		104	
TMCSD0601FA DL	280-20042-6 DL	62 Q D		76 D		78 D		62 D	
TMCSD0701FA	280-20042-7	66	Q	80		87		81	
	MB 280-86062/1-A	76		76		102		93	
	LCS 280-86062/2-A	80		79		105		98	
	LCS 280-86062/26-A	72		72		100		90	
TMCSD0101FA MS	280-20042-1 MS	44	Q	55	Q	254	Q	64	
TMCSD0201FA MS	280-20042-2 MS	57 M	Q	77		80		74	
TMCSD0101FA MSD	280-20042-1 MSD	45	Q	62	Q	142	Q	64	
TMCSD0201FA MSD	280-20042-2 MSD	35	Q	95		86		97	

	QC LIMITS
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Column to be used to flag recovery values

FORM II 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210032.D

Lab ID: LCS 280-86062/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	16.4	12.7	78	30-135	
4,4'-DDE	16.4	11.6	71	70-125	
4,4'-DDT	16.4	12.5	76	45-140	
Aldrin	16.4	11.6	71	45-140	
alpha-BHC	16.4	13.0	79	60-125	
beta-BHC	16.4	13.6	83	60-125	
delta-BHC	16.4	13.2	80	55-130	
gamma-BHC (Lindane)	16.4	13.4	82	60-125	
Heptachlor	16.4	13.7	84	50-140	
Heptachlor epoxide	16.4	14.2	87	65-130	
Endosulfan I	16.4	14.2	87	15-135	
Endosulfan II	16.4	14.9	91	35-140	
Endosulfan sulfate	16.4	14.6	89	60-135	
Endrin	16.4	15.9	97	60-135	
Endrin aldehyde	16.4	13.3	81	35-145	
Endrin ketone	16.4	14.6	89	65-135	
gamma-Chlordane	16.4	13.4	82	65-125	
Methoxychlor	16.4	15.0	91	55-145	
alpha-Chlordane	16.4	13.2	81	65-120	
Dieldrin	16.4	16.0	98	65-125	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210031.D

Lab ID: LCS 280-86062/26-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toxaphene	63.7	78.4 J	123	51-139	

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210050.D

Lab ID: 280-20042-1 MS Client ID: TMCSD0101FA MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	20.2	0.90 U	6.05	30	30-135	Q
4,4'-DDE	20.2	0.60 U	7.59	38	70-125	Q J
4,4'-DDT	20.2	10	5.53	6	45-140	Q J
Aldrin	20.2	0.60 U	9.28	44	45-140	Q J
alpha-BHC	20.2	0.60 U	8.11	40	60-125	Q J
beta-BHC	20.2	0.90 U	10.9	54	60-125	Q J
delta-BHC	20.2	0.90 U	6.98	32	55-130	Q J
gamma-BHC (Lindane)	20.2	0.90 U	8.92	44	60-125	Q J
Heptachlor	20.2	0.60 U	9.61	48	50-140	Q J
Heptachlor epoxide	20.2	0.90 U	12.0	59	65-130	Q J
Endosulfan I	20.2	0.60 U	7.43	33	15-135	Q
Endosulfan II	20.2	0.68 J	7.63	-6	35-140	Q J
Endosulfan sulfate	20.2	0.60 U	8.80	-73	60-135	Q J
Endrin	20.2	0.60 U	8.84	44	60-135	Q J
Endrin aldehyde	20.2	0.60 U	7.43	37	35-145	Q
Endrin ketone	20.2	0.90 U	9.08	45	65-135	Q J
gamma-Chlordane	20.2	0.90 U	8.88	44	65-125	Q J
Methoxychlor	20.2	0.90 U	11.7	58	55-145	Q
alpha-Chlordane	20.2	0.60 U	8.36	3	65-120	Q J
Dieldrin	20.2	0.60 U	18.0	89	65-125	Q

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210041.D

Lab ID: 280-20042-2 MS Client ID: TMCSD0201FA MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Toxaphene	78.7	33 U	71.6 J	91	51-139	Q

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210051.D

Lab ID: 280-20042-1 MSD Client ID: TMCSD0101FA MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	20.5	9.02	44	39	30	30-135	Q J
4,4'-DDE	20.5	8.53	42	12	30	70-125	Q J
4,4'-DDT	20.5	8.24	19	39	30	45-140	Q J
Aldrin	20.5	10.5	49	13	30	45-140	Q
alpha-BHC	20.5	11.1	54	31	30	60-125	Q J
beta-BHC	20.5	11.9	58	9	30	60-125	Q J
delta-BHC	20.5	10.3	48	39	30	55-130	Q J
gamma-BHC (Lindane)	20.5	11.1	54	22	30	60-125	Q J
Heptachlor	20.5	11.4	56	17	30	50-140	Q
Heptachlor epoxide	20.5	11.6	57	3	30	65-130	Q J
Endosulfan I	20.5	9.68	43	26	30	15-135	Q
Endosulfan II	20.5	11.0	10	36	30	35-140	Q J
Endosulfan sulfate	20.5	11.6	-59	27	30	60-135	Q J
Endrin	20.5	12.3	60	33	30	60-135	Q J
Endrin aldehyde	20.5	11.6	57	44	30	35-145	Q J
Endrin ketone	20.5	12.4	61	31	30	65-135	Q J
gamma-Chlordane	20.5	10.5	51	17	30	65-125	Q J
Methoxychlor	20.5	11.5	56	2	30	55-145	Q
alpha-Chlordane	20.5	10.4	13	22	30	65-120	Q J
Dieldrin	20.5	13.9	68	25	30	65-125	Q

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 09210042.D

Lab ID: 280-20042-2 MSD Client ID: TMCSD0201FA MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Toxaphene	78.5	92.3 J	118	25	30	51-139	Q

Column to be used to flag recovery and RPD values

FORM III 8081A

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Date Extracted: 09/14/2011 21:25

Lab File ID:(1) 09210035.D Lab File ID:(2) 09210035.D

Date Analyzed:(1) 09/21/2011 22:57 Date Analyzed:(2) 09/21/2011 22:57

Instrument ID:(1) CHGCS_P2 Instrument ID:(2) CHGCS_P2

GC Column:(1) CLP1 ID: 0.32(mm) GC Column:(2) CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 280-86062/26-A	09/21/2011 21:51	09/21/2011 21:51
	LCS 280-86062/2-A	09/21/2011 22:08	09/21/2011 22:08
TMCSD0501FA	280-20042-5	09/21/2011 22:24	09/21/2011 22:24
TMCSD0701FA	280-20042-7	09/21/2011 22:41	09/21/2011 22:41
TMCSD0101FA DL	280-20042-1 DL	09/22/2011 00:03	09/22/2011 00:03
TMCSD0201FA	280-20042-2	09/22/2011 00:19	09/22/2011 00:19
TMCSD0201FA MS	280-20042-2 MS	09/22/2011 00:36	09/22/2011 00:36
TMCSD0201FA MSD	280-20042-2 MSD	09/22/2011 00:52	09/22/2011 00:52
TMCSD0301FA	280-20042-3	09/22/2011 01:09	09/22/2011 01:09
TMCSD0401FA	280-20042-4	09/22/2011 01:25	09/22/2011 01:25
TMCSD0601FA DL	280-20042-6 DL	09/22/2011 01:42	09/22/2011 01:42
TMCSD0101FA	280-20042-1	09/22/2011 02:48	09/22/2011 02:48
TMCSD0101FA MS	280-20042-1 MS	09/22/2011 03:04	09/22/2011 03:04
TMCSD0101FA MSD	280-20042-1 MSD	09/22/2011 03:21	09/22/2011 03:21
TMCSD0601FA	280-20042-6	09/22/2011 03:37	09/22/2011 03:37

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: CCVRT 280-87288/3 Date Analyzed: 09/21/2011 16:22

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm)

Lab File ID (Standard): 09210011.D Heated Purge: (Y/N) N

Calibration ID: 7011

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.85	9.06	
UPPER LIMIT				3.86	9.07	
LOWER LIMIT				3.84	9.05	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-87288/3		09/21/2011 16:22	09210011.D	3.85	9.06	
CCV 280-87288/16		09/21/2011 19:56	09210024.D	3.85	9.06	
LCS 280-86062/26-A		09/21/2011 21:51	09210031.D	3.85	9.06	
LCS 280-86062/2-A		09/21/2011 22:08	09210032.D	3.85	9.06	
280-20042-5	TMCSD0501FA	09/21/2011 22:24	09210033.D	3.85	9.06	
280-20042-7	TMCSD0701FA	09/21/2011 22:41	09210034.D	3.85	9.06	
MB 280-86062/1-A		09/21/2011 22:57	09210035.D	3.85	9.06	
CCV 280-87288/29		09/21/2011 23:30	09210037.D	3.85	9.06	
280-20042-1 DL	TMCSD0101FA DL	09/22/2011 00:03	09210039.D	3.85	9.06	
280-20042-2	TMCSD0201FA	09/22/2011 00:19	09210040.D	3.85	9.06	
280-20042-2 MS	TMCSD0201FA MS	09/22/2011 00:36	09210041.D	3.85	9.06	
280-20042-2 MSD	TMCSD0201FA MSD	09/22/2011 00:52	09210042.D	3.85	9.06	
280-20042-3	TMCSD0301FA	09/22/2011 01:09	09210043.D	3.85	9.06	
280-20042-4	TMCSD0401FA	09/22/2011 01:25	09210044.D	3.85	9.06	
280-20042-6 DL	TMCSD0601FA DL	09/22/2011 01:42	09210045.D	3.85	9.06	
CCV 280-87288/39		09/22/2011 02:15	09210047.D	3.85	9.06	
280-20042-1	TMCSD0101FA	09/22/2011 02:48	09210049.D	3.85		
280-20042-1 MS	TMCSD0101FA MS	09/22/2011 03:04	09210050.D	3.85	9.06	
280-20042-1 MSD	TMCSD0101FA MSD	09/22/2011 03:21	09210051.D	3.85	9.06	
280-20042-6	TMCSD0601FA	09/22/2011 03:37	09210052.D	3.85	9.06	
CCV 280-87288/46		09/22/2011 04:43	09210056.D	3.85	9.06	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.01 minutes of surrogate RT
DCB RT Limit = ± 0.01 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM VIII
PESTICIDES ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: CCVRT 280-87288/3 Date Analyzed: 09/21/2011 16:22

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm)

Lab File ID (Standard): 09210011.D Heated Purge: (Y/N) N

Calibration ID: 7012

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.83	9.37	
UPPER LIMIT				3.84	9.38	
LOWER LIMIT				3.82	9.36	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-87288/3		09/21/2011 16:22	09210011.D	3.83	9.37	
CCV 280-87288/16		09/21/2011 19:56	09210024.D	3.83	9.37	
LCS 280-86062/26-A		09/21/2011 21:51	09210031.D	3.83	9.37	
LCS 280-86062/2-A		09/21/2011 22:08	09210032.D	3.83	9.37	
280-20042-5	TMCSD0501FA	09/21/2011 22:24	09210033.D	3.83	9.37	
280-20042-7	TMCSD0701FA	09/21/2011 22:41	09210034.D	3.83	9.37	
MB 280-86062/1-A		09/21/2011 22:57	09210035.D	3.83	9.37	
CCV 280-87288/29		09/21/2011 23:30	09210037.D	3.83	9.37	
280-20042-1 DL	TMCSD0101FA DL	09/22/2011 00:03	09210039.D	3.83	9.36	
280-20042-2	TMCSD0201FA	09/22/2011 00:19	09210040.D	3.83	9.37	
280-20042-2 MS	TMCSD0201FA MS	09/22/2011 00:36	09210041.D	3.83	9.37	
280-20042-2 MSD	TMCSD0201FA MSD	09/22/2011 00:52	09210042.D	3.83	9.37	
280-20042-3	TMCSD0301FA	09/22/2011 01:09	09210043.D	3.83	9.37	
280-20042-4	TMCSD0401FA	09/22/2011 01:25	09210044.D	3.83	9.37	
280-20042-6 DL	TMCSD0601FA DL	09/22/2011 01:42	09210045.D	3.83	9.37	
CCV 280-87288/39		09/22/2011 02:15	09210047.D	3.83	9.37	
280-20042-1	TMCSD0101FA	09/22/2011 02:48	09210049.D	3.83		
280-20042-1 MS	TMCSD0101FA MS	09/22/2011 03:04	09210050.D	3.83	9.37	
280-20042-1 MSD	TMCSD0101FA MSD	09/22/2011 03:21	09210051.D	3.83	9.37	
280-20042-6	TMCSD0601FA	09/22/2011 03:37	09210052.D	3.83	9.37	
CCV 280-87288/46		09/22/2011 04:43	09210056.D	3.83	9.37	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.01 minutes of surrogate RT
DCB RT Limit = ± 0.01 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081A

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA Lab Sample ID: 280-20042-1

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 02:48 Date Analyzed (2): 09/22/2011 02:48

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Endosulfan II	1		7.08	7.07	7.09	0.68		171.5
	2		7.15	7.13	7.15	8.9		
4,4'-DDT	1		7.20	7.19	7.21	10		80.4
	2		7.35	7.34	7.36	4.4		
Toxaphene	1	1	5.55	5.53	5.57	32.7	160	153.9
		2	6.41	6.38	6.42	1.35		
		3	6.96	6.94	6.98	736		
		4	7.42	7.38	7.42	8.66		
		5	7.89	7.87	7.91	25.9		
	2	1	5.44	5.44	5.48	280	1200	
		2	6.21	6.20	6.24	5510		
		3	6.92	6.89	6.93	0.481		
		4	7.46	7.45	7.49	367		
		5	8.06	8.02	8.06	13.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA DL Lab Sample ID: 280-20042-1 DL

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 00:03 Date Analyzed (2): 09/22/2011 00:03

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
4,4'-DDT	1		7.20	7.19	7.21	17		62.8
	2		7.35	7.34	7.36	9.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MS Lab Sample ID: 280-20042-1 MS

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 03:04 Date Analyzed (2): 09/22/2011 03:04

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.43	4.42	4.44	8.11		15.6
	2		4.45	4.44	4.46	9.49		
gamma-BHC (Lindane)	1		4.72	4.71	4.73	8.92		0.0
	2		4.76	4.75	4.77	8.92		
beta-BHC	1		4.79	4.78	4.80	10.9		10.9
	2		4.83	4.82	4.84	9.77		
delta-BHC	1		4.94	4.93	4.95	6.98		18.8
	2		5.07	5.06	5.08	8.44		
Heptachlor	1		5.11	5.10	5.12	9.61		5.2
	2		5.11	5.10	5.12	9.12		
Aldrin	1		5.38	5.37	5.39	9.28		18.9
	2		5.39	5.38	5.40	11.2		
Heptachlor epoxide	1		5.97	5.96	5.98	12.0		5.5
	2		5.94	5.93	5.95	11.3		
gamma-Chlordane	1		6.11	6.10	6.12	8.88		4.0
	2		6.15	6.14	6.16	9.24		
alpha-Chlordane	1		6.25	6.24	6.26	8.36		14.3
	2		6.30	6.29	6.31	9.65		
4,4'-DDE	1		6.33	6.32	6.34	7.59		9.1
	2		6.47	6.46	6.48	8.32		
Endosulfan I	1		6.39	6.38	6.40	7.63		2.7
	2		6.36	6.35	6.37	7.43		
Dieldrin	1		6.63	6.62	6.64	18.0		48.8
	2		6.64	6.63	6.65	10.9		
Endrin	1		6.87	6.86	6.88	8.84		25.8
	2		6.94	6.93	6.95	11.5		
4,4'-DDD	1		6.93	6.92	6.94	6.05		24.0
	2		7.05	7.04	7.06	7.71		
Endosulfan II	1		7.08	7.07	7.09	7.63		8.6
	2		7.14	7.13	7.15	8.32		
4,4'-DDT	1		7.20	7.19	7.21	5.53		54.3
	2		7.35	7.34	7.36	9.65		
Endrin aldehyde	1		7.48	7.48	7.50	7.43		12.1
	2		7.46	7.45	7.47	6.58		
Methoxychlor	1		7.65	7.64	7.66	11.7		17.2
	2		7.98	7.97	7.99	9.85		
Endosulfan sulfate	1		7.89	7.88	7.90	8.80		13.3
	2		7.72	7.71	7.73	10.1		
Endrin ketone	1		8.15	8.14	8.16	9.08		15.2
	2		8.21	8.20	8.22	10.6		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MSD Lab Sample ID: 280-20042-1 MSD

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 03:21 Date Analyzed (2): 09/22/2011 03:21

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.43	4.42	4.44	11.1		1.1
	2		4.45	4.44	4.46	11.2		
gamma-BHC (Lindane)	1		4.72	4.71	4.73	11.1		3.0
	2		4.76	4.75	4.77	10.7		
beta-BHC	1		4.79	4.78	4.80	11.9		12.4
	2		4.83	4.82	4.84	10.5		
delta-BHC	1		4.94	4.93	4.95	10.3		2.8
	2		5.07	5.06	5.08	10.0		
Heptachlor	1		5.11	5.10	5.12	11.4		7.9
	2		5.11	5.10	5.12	10.5		
Aldrin	1		5.38	5.37	5.39	10.5		14.1
	2		5.39	5.38	5.40	12.1		
Heptachlor epoxide	1		5.97	5.96	5.98	11.6		1.8
	2		5.94	5.93	5.95	11.8		
gamma-Chlordane	1		6.11	6.10	6.12	10.5		4.4
	2		6.15	6.14	6.16	10.1		
alpha-Chlordane	1		6.25	6.24	6.26	10.4		1.2
	2		6.30	6.29	6.31	10.3		
4,4'-DDE	1		6.33	6.32	6.34	8.53		14.3
	2		6.47	6.46	6.48	9.84		
Endosulfan I	1		6.39	6.38	6.40	10.3		5.8
	2		6.36	6.35	6.37	9.68		
Dieldrin	1		6.63	6.62	6.64	13.9		16.2
	2		6.64	6.63	6.65	11.8		
Endrin	1		6.87	6.86	6.88	12.3		20.0
	2		6.94	6.93	6.95	15.1		
4,4'-DDD	1		6.93	6.92	6.94	9.02		34.9
	2		7.05	7.04	7.06	12.8		
Endosulfan II	1		7.09	7.07	7.09	11.0		27.3
	2		7.14	7.13	7.15	14.5		
4,4'-DDT	1		7.20	7.19	7.21	8.24		12.1
	2		7.35	7.34	7.36	9.31		
Endrin aldehyde	1		7.49	7.48	7.50	11.6		13.5
	2		7.46	7.45	7.47	10.2		
Methoxychlor	1		7.65	7.64	7.66	11.5		27.1
	2		7.98	7.97	7.99	8.77		
Endosulfan sulfate	1		7.89	7.88	7.90	11.6		4.5
	2		7.72	7.71	7.73	12.1		
Endrin ketone	1		8.15	8.14	8.16	12.4		16.8
	2		8.21	8.20	8.22	10.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA Lab Sample ID: 280-20042-2

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 00:19 Date Analyzed (2): 09/22/2011 00:19

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
beta-BHC	1		4.80	4.78	4.80	5.8		101.9
	2		4.82	4.82	4.84	1.9		
Dieldrin	1		6.62	6.62	6.64	0.63		65.7
	2		6.64	6.63	6.65	0.32		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS Lab Sample ID: 280-20042-2 MS

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 00:36 Date Analyzed (2): 09/22/2011 00:36

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Toxaphene	1	1	5.55	5.53	5.57	123	71.6	101.0
		2	6.39	6.38	6.42	4.17		
		3	6.95	6.94	6.98	67.7		
		4	7.40	7.38	7.42	59.8		
		5	7.89	7.87	7.91	104		
	2	1	5.48	5.44	5.48	627	218	
		2	6.22	6.20	6.24	128		
		3	6.91	6.89	6.93	90.5		
		4	7.47	7.45	7.49	106		
		5	8.04	8.02	8.06	137		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD Lab Sample ID: 280-20042-2 MSD

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 00:52 Date Analyzed (2): 09/22/2011 00:52

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Toxaphene	1	1	5.55	5.53	5.57	199	92.3	15.6
		2	6.40	6.38	6.42	17.0		
		3	6.95	6.94	6.98	81.1		
		4	7.40	7.38	7.42	58.5		
		5	7.89	7.87	7.91	106		
	2	2	6.21	6.20	6.24	53.0	78.9	
		3	6.91	6.89	6.93	36.6		
		4	7.47	7.45	7.49	106		
		5	8.04	8.02	8.06	120		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA Lab Sample ID: 280-20042-4

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/22/2011 01:25 Date Analyzed (2): 09/22/2011 01:25

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Dieldrin	1		6.62	6.62	6.64	1.1		75.1
	2		6.64	6.63	6.65	0.49		
4,4'-DDT	1		7.20	7.19	7.21	1.8		32.8
	2		7.35	7.34	7.36	2.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA Lab Sample ID: 280-20042-7

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/21/2011 22:41 Date Analyzed (2): 09/21/2011 22:41

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Heptachlor	1		5.12	5.10	5.12	1.1		49.1
	2		5.11	5.10	5.12	0.66		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-86062/2-A

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/21/2011 22:08 Date Analyzed (2): 09/21/2011 22:08

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.43	4.42	4.44	13.0		5.5
	2		4.45	4.44	4.46	12.3		
gamma-BHC (Lindane)	1		4.72	4.71	4.73	13.4		8.7
	2		4.76	4.75	4.77	12.3		
beta-BHC	1		4.79	4.78	4.80	13.6		7.2
	2		4.83	4.82	4.84	12.7		
delta-BHC	1		4.94	4.93	4.95	13.2		0.2
	2		5.07	5.06	5.08	13.2		
Heptachlor	1		5.11	5.10	5.12	13.7		0.7
	2		5.11	5.10	5.12	13.6		
Aldrin	1		5.38	5.37	5.39	11.6		9.2
	2		5.39	5.38	5.40	12.7		
Heptachlor epoxide	1		5.97	5.96	5.98	14.2		7.7
	2		5.94	5.93	5.95	13.2		
gamma-Chlordane	1		6.11	6.10	6.12	13.4		8.1
	2		6.15	6.14	6.16	12.4		
alpha-Chlordane	1		6.25	6.24	6.26	13.2		6.4
	2		6.30	6.29	6.31	12.4		
4,4'-DDE	1		6.32	6.32	6.34	10.5		10.1
	2		6.47	6.46	6.48	11.6		
Endosulfan I	1		6.39	6.38	6.40	14.2		10.7
	2		6.36	6.35	6.37	12.8		
Dieldrin	1		6.63	6.62	6.64	16.0		15.5
	2		6.63	6.63	6.65	13.7		
Endrin	1		6.86	6.86	6.88	15.9		6.8
	2		6.94	6.93	6.95	14.9		
4,4'-DDD	1		6.93	6.92	6.94	12.7		7.5
	2		7.05	7.04	7.06	11.8		
Endosulfan II	1		7.08	7.07	7.09	14.9		9.7
	2		7.14	7.13	7.15	13.5		
4,4'-DDT	1		7.20	7.19	7.21	12.5		6.2
	2		7.35	7.34	7.36	11.7		
Endrin aldehyde	1		7.48	7.48	7.50	13.3		12.3
	2		7.46	7.45	7.47	11.8		
Methoxychlor	1		7.65	7.64	7.66	15.0		9.7
	2		7.98	7.97	7.99	13.6		
Endosulfan sulfate	1		7.89	7.88	7.90	14.6		9.2
	2		7.72	7.71	7.73	13.3		
Endrin ketone	1		8.15	8.14	8.16	14.6		14.0
	2		8.21	8.20	8.22	12.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-86062/26-A

Instrument ID (1): CHGCS_P2 Instrument ID (2): CHGCS_P2

Date Analyzed (1): 09/21/2011 21:51 Date Analyzed (2): 09/21/2011 21:51

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Toxaphene	1	1	5.55	5.53	5.57	136	78.4	18.8
		2	6.41	6.38	6.42	39.0		
		3	6.95	6.94	6.98	52.3		
		4	7.40	7.38	7.42	49.4		
		5	7.89	7.87	7.91	115		
	2	1	5.46	5.44	5.48	56.7	64.9	
		2	6.22	6.20	6.24	73.5		
		3	6.91	6.89	6.93	34.3		
		4	7.47	7.45	7.49	66.7		
		5	8.04	8.02	8.06	93.2		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA | Lab Sample ID: 280-20042-1

Matrix: Solid | Lab File ID: 09210049.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.1(g) | Date Analyzed: 09/22/2011 02:48

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.90	U Q J	2.2	0.90	0.71
72-55-9	4,4'-DDE	0.60	U Q J	2.2	0.60	0.31
309-00-2	Aldrin	0.60	U Q J	2.2	0.60	0.33
319-84-6	alpha-BHC	0.60	U Q J	2.2	0.60	0.28
319-85-7	beta-BHC	0.90	U Q J	2.2	0.90	0.86
319-86-8	delta-BHC	0.90	U Q J	2.2	0.90	0.52
58-89-9	gamma-BHC (Lindane)	0.90	U Q J	2.2	0.90	0.60
76-44-8	Heptachlor	0.60	U Q J	2.2	0.60	0.28
1024-57-3	Heptachlor epoxide	0.90	U Q J	2.2	0.90	0.55
33213-65-9	Endosulfan II	0.68	Q J	2.2	0.60	0.37
1031-07-8	Endosulfan sulfate	0.60	U Q J	2.2	0.60	0.36
72-20-8	Endrin	0.60	U Q J	2.2	0.60	0.40
7421-93-4	Endrin aldehyde	0.60	U Q J	2.2	0.60	0.22
53494-70-5	Endrin ketone	0.90	U Q J	2.2	0.90	0.64
5103-74-2	gamma-Chlordane	0.90	U Q J	2.2	0.90	0.35
72-43-5	Methoxychlor	0.90	U Q	4.3	0.90	0.58
5103-71-9	alpha-Chlordane	0.60	U Q J	2.2	0.60	0.42
60-57-1	Dieldrin	0.60	U Q	2.2	0.60	0.27

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	47	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	0	Q	55-130

Report Date: 22-Sep-2011 15:26:18 Chrom Revision: 1.2 13-Jul-2011 10:43:06

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D
Lims ID: 280-20042-A-1-C Client ID: TMCSD0101FA
Inject. Date: 22-Sep-2011 02:48:28 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 280-984718,042-1
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 43
Lims Batch ID: 87288 Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 22-Sep-2011 12:53:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.850	0.002	32381933	9.36			
2	2	3.829	3.828	0.001	12711668	13.6			
						RPD = 37.23			
13 delta-BHC									
1	100	4.950	4.940	0.010	1700580	0.4075			
2	2	5.064	5.066	-0.002	1938372	1.35			
						RPD = 107.18			
16 Aldrin									
1	-65	5.383	5.376	0.007	243719	-0.3057			7
2	2	5.398	5.389	0.009	1777456	1.16			7
						RPD = 343.70			
LOD = 0.002000									
20 Toxaphene									
1	-65	5.551	5.545	0.006	956499	75.6		100.0	E
1	-65	6.405	6.400	0.005	1086154	3.12	493.4- 533.4	113.6	
1	-65	6.963	6.957	0.006	78196320	1698.4	473.2- 513.2	8175.3	
1	-65	7.415	7.402	0.013	3249875	20.0	1037.7-1077.7	339.8	
1	-65	7.891	7.890	0.001	1963287	59.9	435.6- 475.6	205.3	
			Average of Peak Amounts =			371.4			
2	6	5.440	5.457	-0.017	1866417	645.7		100.0	E
2	7	6.206	6.217	-0.011	103812313	12730	273.5- 333.5	5562.1	
2	8	6.918	6.908	0.010	348406	1.11	555.4- 615.4	18.7	
2	9	7.458	7.471	-0.013	25048040	847.2	1046.7-1106.7	1342.0	
2	10	8.060	8.042	0.018	393902	31.7	456.6- 516.6	21.1	
			Average of Peak Amounts =			2851.2			
						RPD = 153.90			
24 alpha-Chlordane									
1	-65	6.240	6.247	-0.007	1494687	0.0771			
2	2	6.302	6.299	0.003	18885847	17.7			
						RPD = 198.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
26 Endosulfan I									
1	100	6.388	6.389	-0.001	9576024	1.82			7
2	2	6.350	6.355	-0.005	565973	-0.5075			7
						RPD = 355.19			
LOD = 0.002000									
34 Endosulfan II									
1	100	7.083	7.084	-0.001	6190352	1.58			
2	2	7.148	7.140	0.008	18504059	20.6			
						RPD = 171.46			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	80232111	23.9			
2	2	7.351	7.347	0.004	8638377	10.2			
						RPD = 80.02			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	1963287	0.1354			
2	2	7.727	7.720	0.007	42631191	54.5			
						RPD = 199.01			

QC Flag Legend

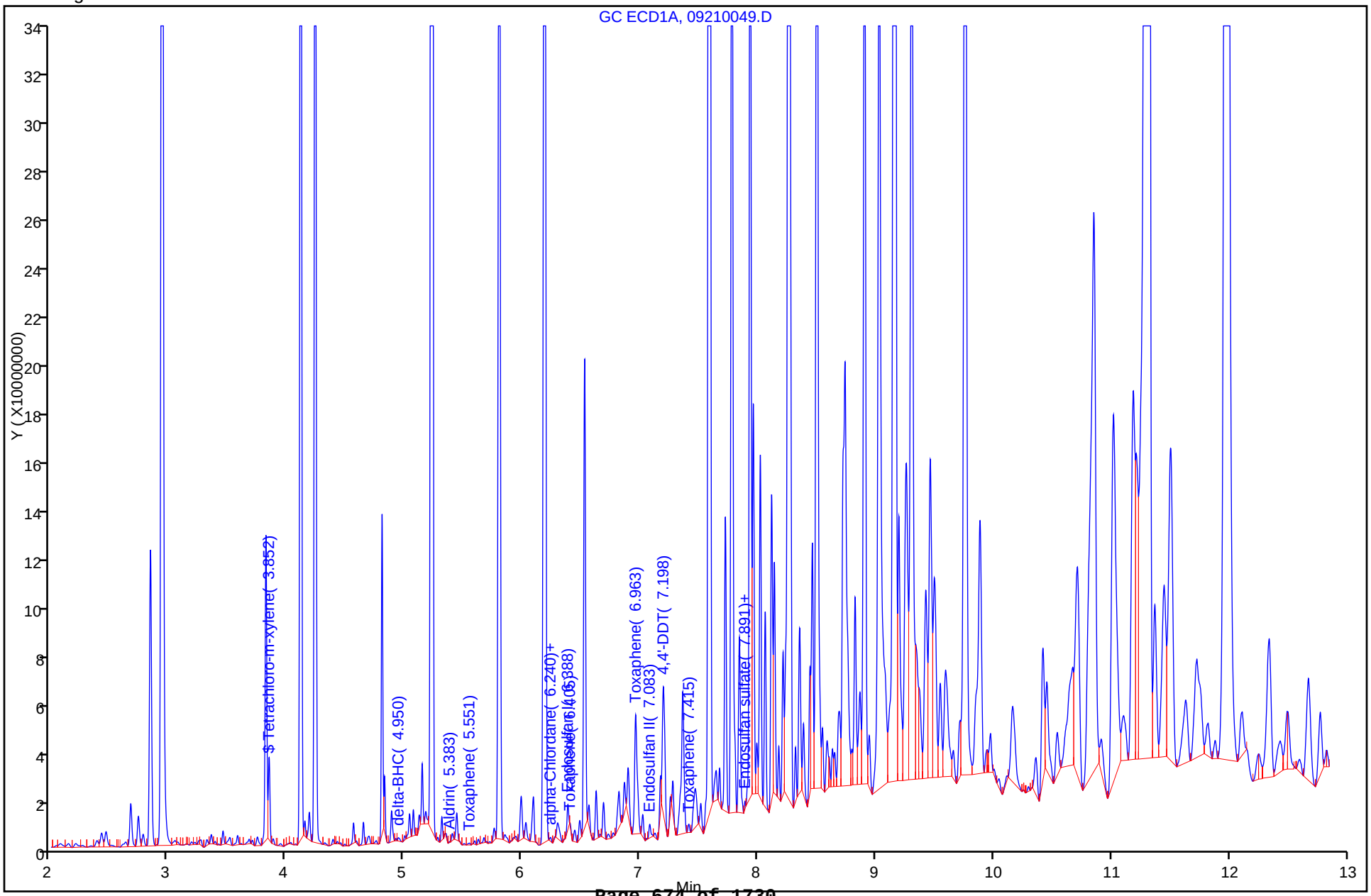
Processing Flags
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:18 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D

Injection Date:	22-Sep-2011 02:48:28	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	41
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



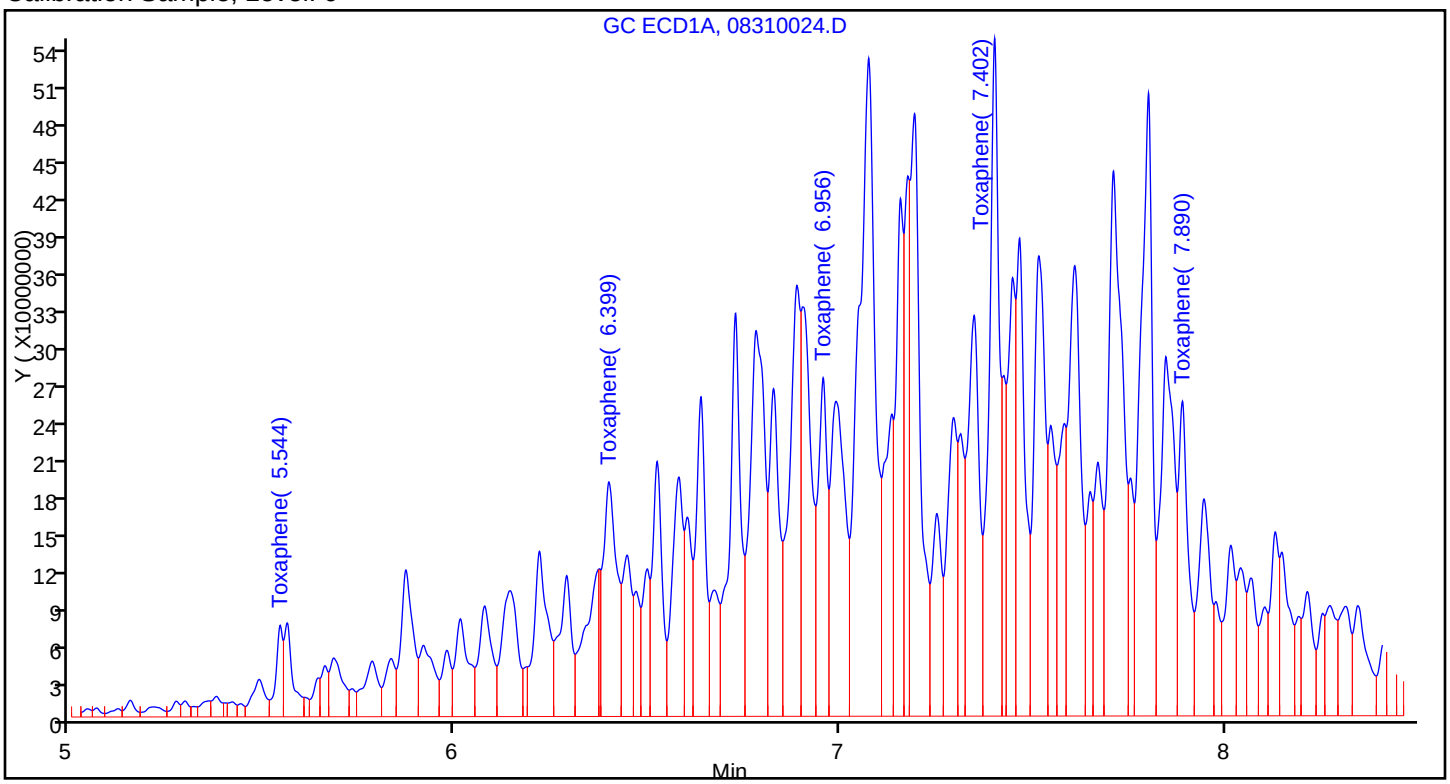
Report Date: 22-Sep-2011 15:26:19 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D

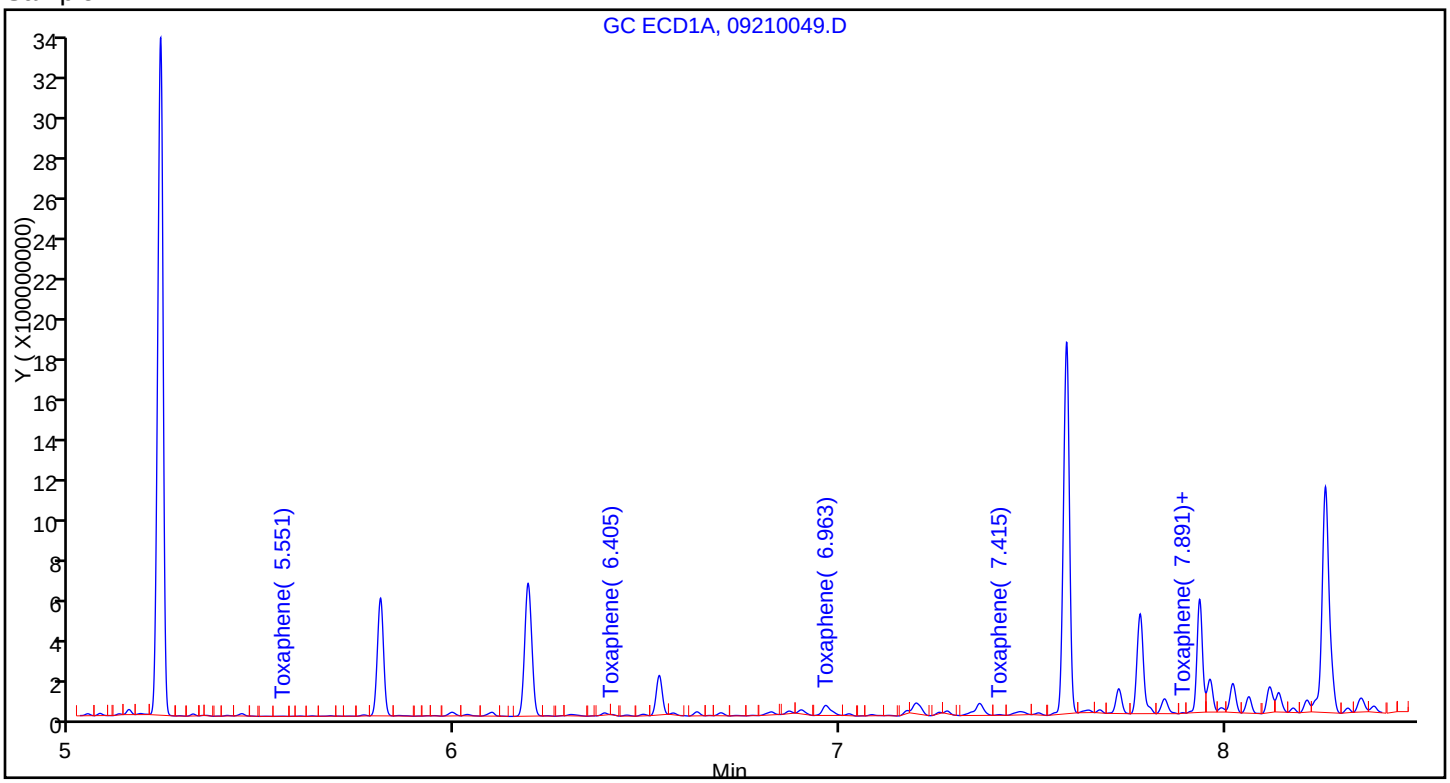
Injection Date:	22-Sep-2011 02:48:28	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	41
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A

Calibration Sample, Level: 6



Sample



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA | Lab Sample ID: 280-20042-1

Matrix: Solid | Lab File ID: 09210049.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.1(g) | Date Analyzed: 09/22/2011 02:48

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
959-98-8	Endosulfan I	0.60	U Q	2.2	0.60	0.23

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	0	Q	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D
Lims ID: 280-20042-A-1-C
Client ID: TMCSD0101FA
Inject. Date: 22-Sep-2011 02:48:28
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 280-984718,042-1
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 43
Lims Batch ID: 87288
Lims Sample ID: 41
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 22-Sep-2011 12:53:36

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.850	0.002	32381933	9.36			
2	2	3.829	3.828	0.001	12711668	13.6			
						RPD = 37.23			
13 delta-BHC									
1	100	4.950	4.940	0.010	1700580	0.4075			
2	2	5.064	5.066	-0.002	1938372	1.35			
						RPD = 107.18			
16 Aldrin									
1	-65	5.383	5.376	0.007	243719	-0.3057			7
2	2	5.398	5.389	0.009	1777456	1.16			7
						RPD = 343.70			
LOD = 0.002000									
20 Toxaphene									
1	-65	5.551	5.545	0.006	956499	75.6		100.0	E
1	-65	6.405	6.400	0.005	1086154	3.12	493.4- 533.4	113.6	
1	-65	6.963	6.957	0.006	78196320	1698.4	473.2- 513.2	8175.3	
1	-65	7.415	7.402	0.013	3249875	20.0	1037.7-1077.7	339.8	
1	-65	7.891	7.890	0.001	1963287	59.9	435.6- 475.6	205.3	
			Average of Peak Amounts =			371.4			
2	6	5.440	5.457	-0.017	1866417	645.7		100.0	E
2	7	6.206	6.217	-0.011	103812313	12730	273.5- 333.5	5562.1	
2	8	6.918	6.908	0.010	348406	1.11	555.4- 615.4	18.7	
2	9	7.458	7.471	-0.013	25048040	847.2	1046.7-1106.7	1342.0	
2	10	8.060	8.042	0.018	393902	31.7	456.6- 516.6	21.1	
			Average of Peak Amounts =			2851.2			
						RPD = 153.90			
24 alpha-Chlordane									
1	-65	6.240	6.247	-0.007	1494687	0.0771			
2	2	6.302	6.299	0.003	18885847	17.7			
						RPD = 198.27			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
26 Endosulfan I									
1	100	6.388	6.389	-0.001	9576024	1.82			7
2	2	6.350	6.355	-0.005	565973	-0.5075			7
						RPD = 355.19			
LOD = 0.002000									
34 Endosulfan II									
1	100	7.083	7.084	-0.001	6190352	1.58			
2	2	7.148	7.140	0.008	18504059	20.6			
						RPD = 171.46			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	80232111	23.9			
2	2	7.351	7.347	0.004	8638377	10.2			
						RPD = 80.02			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	1963287	0.1354			
2	2	7.727	7.720	0.007	42631191	54.5			
						RPD = 199.01			

QC Flag Legend

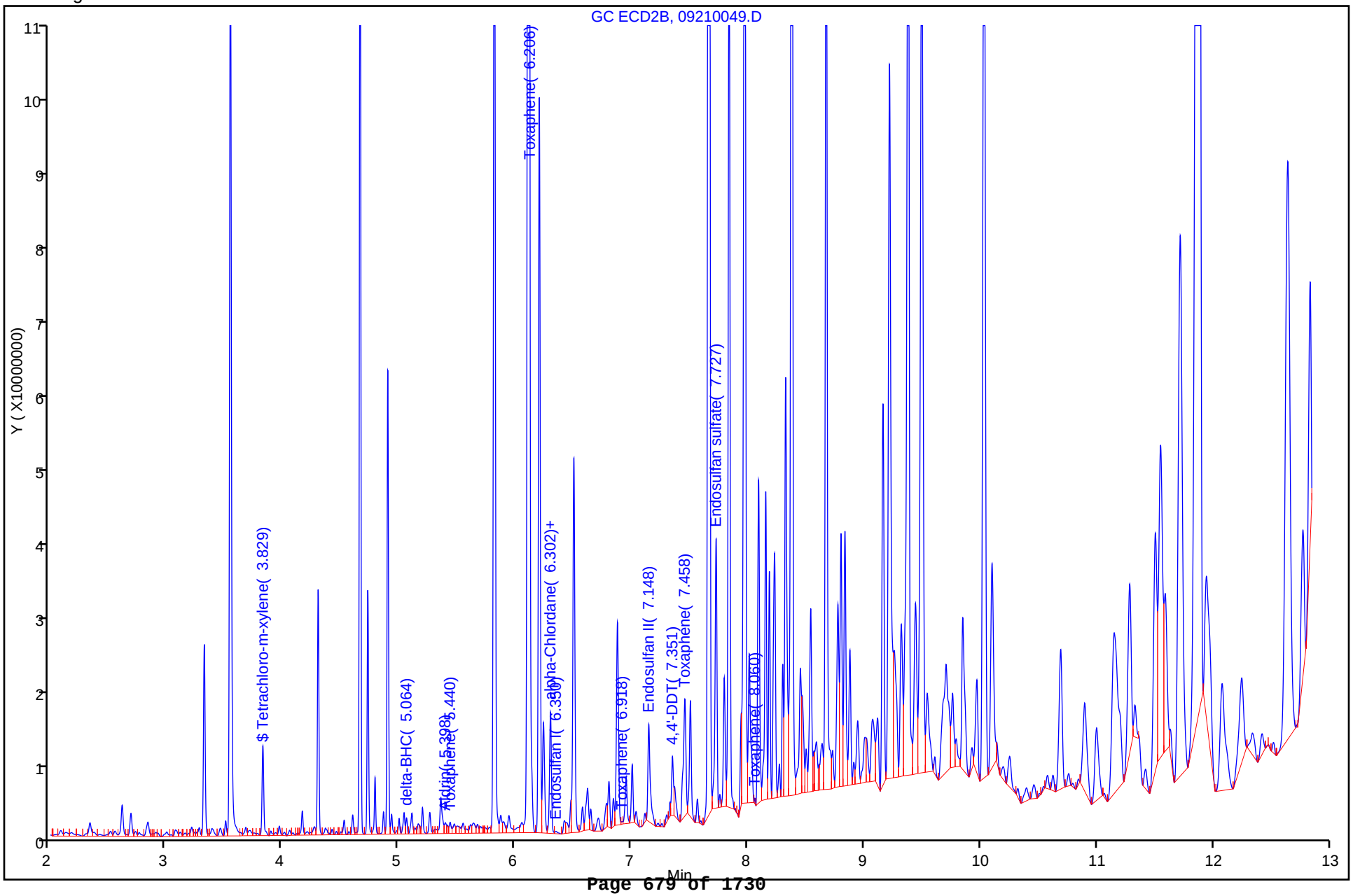
Processing Flags
E - Exceeded Maximum Amount
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:19 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D

Injection Date:	22-Sep-2011 02:48:28	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	41
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



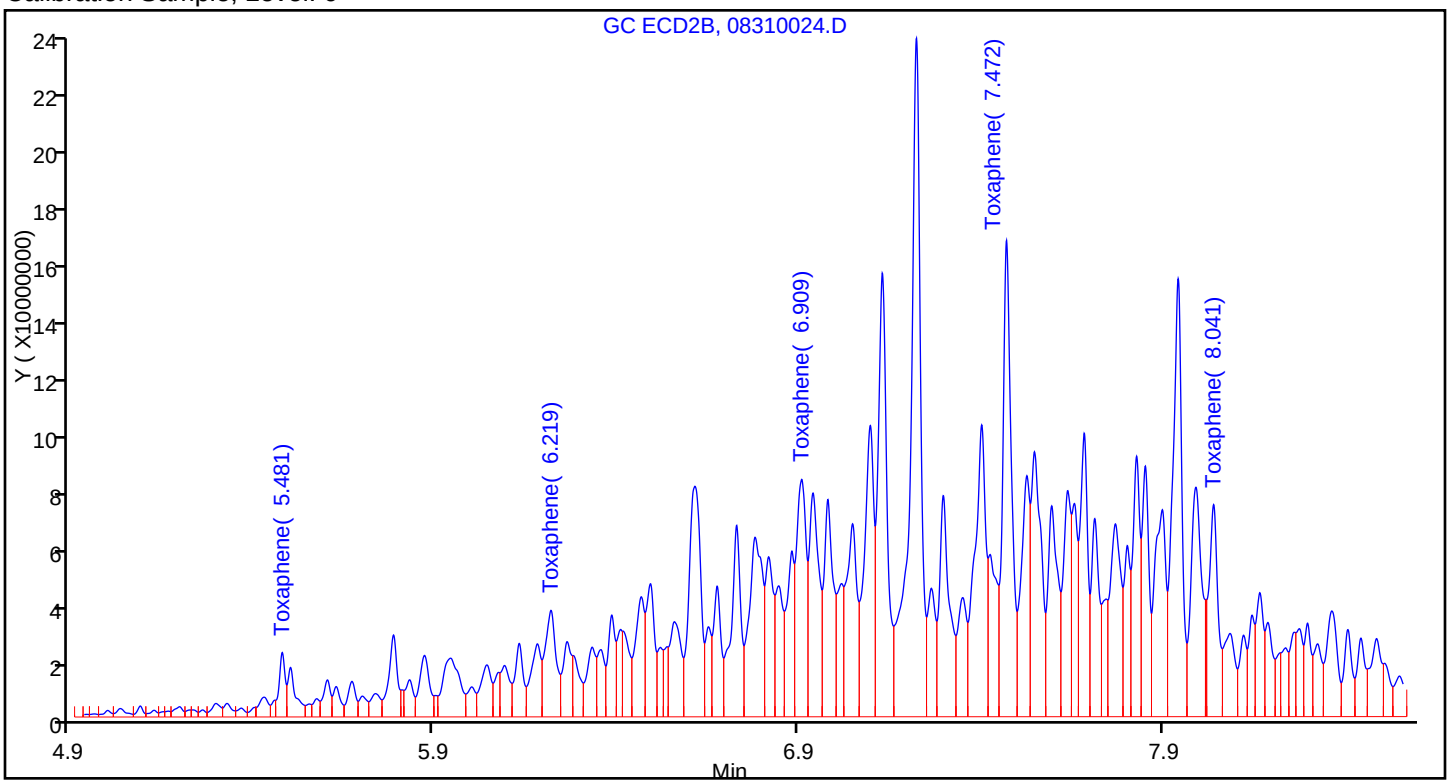
Report Date: 22-Sep-2011 15:26:19 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210049.D

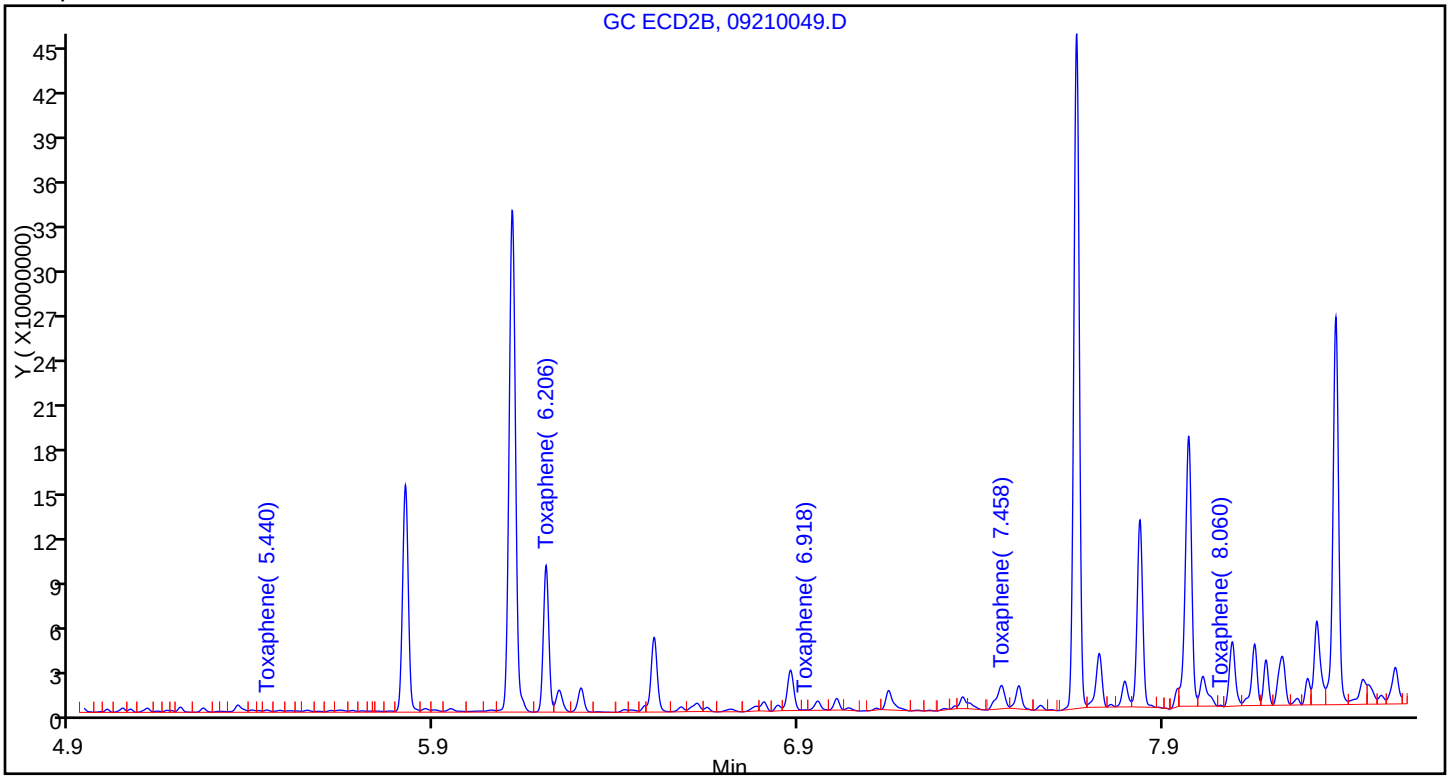
Injection Date:	22-Sep-2011 02:48:28	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	41
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

20 Toxaphene, Detector: 2, GC ECD2B

Calibration Sample, Level: 6



Sample



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA DL | Lab Sample ID: 280-20042-1 DL

Matrix: Solid | Lab File ID: 09210039.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.1(g) | Date Analyzed: 09/22/2011 00:03

Con. Extract Vol.: 10000(uL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
8001-35-2	Toxaphene	350	U Q	2200	350	210

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	59	Q D	70-125
2051-24-3	DCB Decachlorobiphenyl	311	D Q	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210039.D		
Lims ID:	280-20042-A-1-C	Client ID:	TMCSD0101FA
Inject. Date:	22-Sep-2011 00:03:29	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	280-984718,042-1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	33
Lims Batch ID:	87288	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:20:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	4840557	1.17			
2	2	3.829	3.828	0.001	1630885	1.31			
						RPD = 11.25			
10 alpha-BHC									
1	-65	4.430	4.427	0.003	317223	0.2088			7
2	2	4.448	4.449	-0.001	25324	-0.6578			7
						RPD = -386.04			
LOD = 0.002000									
13 delta-BHC									
1	100	4.946	4.940	0.006	2228101	0.5170			
2	2	5.061	5.066	-0.005	361942	0.0222			
						RPD = 183.55			
34 Endosulfan II									
1	100	7.077	7.084	-0.007	946512	-0.0516			7
2	2	7.144	7.140	0.004	2680122	2.41			7
						RPD = 208.76			
LOD = 0.002000									
35 4,4'-DDT									M
1	-65	7.196	7.198	-0.002	13907596	4.04			
2	2	7.349	7.347	0.002	1910613	2.11			M
						RPD = 62.68			
39 Endosulfan sulfate									
1	-65	7.883	7.891	-0.008	1121823	-0.1525			7
2	2	7.720	7.720	0.000	5302750	6.23			7
						RPD = 210.04			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 41 DCB Decachlorobiphenyl									
1	1	9.064	9.060	0.004	14697768	6.21			
2	2	9.364	9.370	-0.006	17485045	27.5			
						RPD = 126.30			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

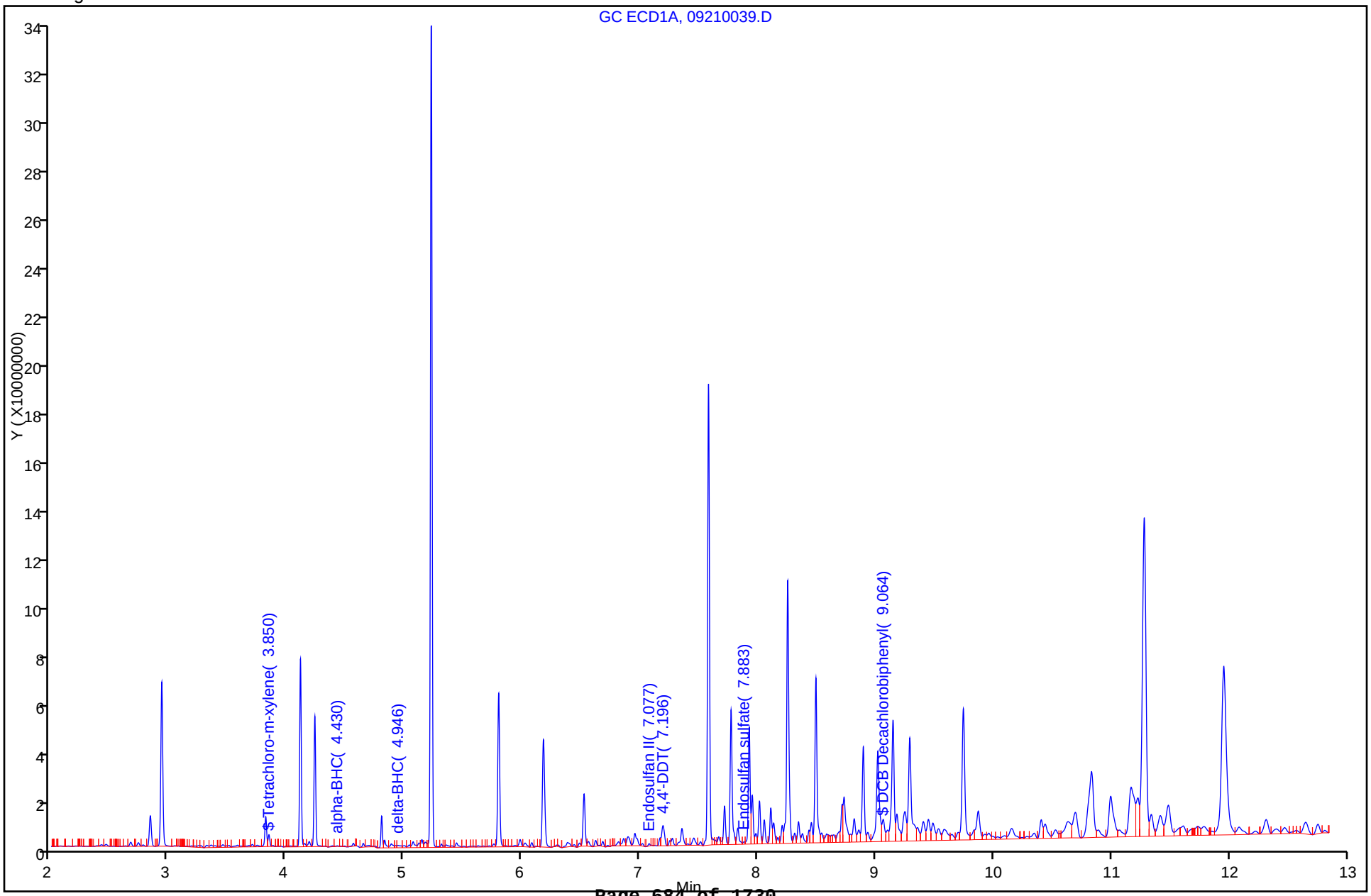
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:53 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210039.D

Injection Date:	22-Sep-2011 00:03:29	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	31
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA DL | Lab Sample ID: 280-20042-1 DL

Matrix: Solid | Lab File ID: 09210039.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.1(g) | Date Analyzed: 09/22/2011 00:03

Con. Extract Vol.: 10000(uL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
50-29-3	4,4'-DDT	9.1	Q J D M	26	9.0	7.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66	*Q D*	70-125
2051-24-3	DCB Decachlorobiphenyl	1375	*D Q*	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210039.D		
Lims ID:	280-20042-A-1-C	Client ID:	TMCSD0101FA
Inject. Date:	22-Sep-2011 00:03:29	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	280-984718,042-1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	33
Lims Batch ID:	87288	Lims Sample ID:	31
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:20:30

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	4840557	1.17			
2	2	3.829	3.828	0.001	1630885	1.31			
						RPD = 11.25			
10 alpha-BHC									
1	-65	4.430	4.427	0.003	317223	0.2088			7
2	2	4.448	4.449	-0.001	25324	-0.6578			7
						RPD = -386.04			
LOD = 0.002000									
13 delta-BHC									
1	100	4.946	4.940	0.006	2228101	0.5170			
2	2	5.061	5.066	-0.005	361942	0.0222			
						RPD = 183.55			
34 Endosulfan II									
1	100	7.077	7.084	-0.007	946512	-0.0516			7
2	2	7.144	7.140	0.004	2680122	2.41			7
						RPD = 208.76			
LOD = 0.002000									
35 4,4'-DDT									M
1	-65	7.196	7.198	-0.002	13907596	4.04			
2	2	7.349	7.347	0.002	1910613	2.11			M
						RPD = 62.68			
39 Endosulfan sulfate									
1	-65	7.883	7.891	-0.008	1121823	-0.1525			7
2	2	7.720	7.720	0.000	5302750	6.23			7
						RPD = 210.04			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 41 DCB Decachlorobiphenyl									
1	1	9.064	9.060	0.004	14697768	6.21			
2	2	9.364	9.370	-0.006	17485045	27.5			
						RPD = 126.30			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

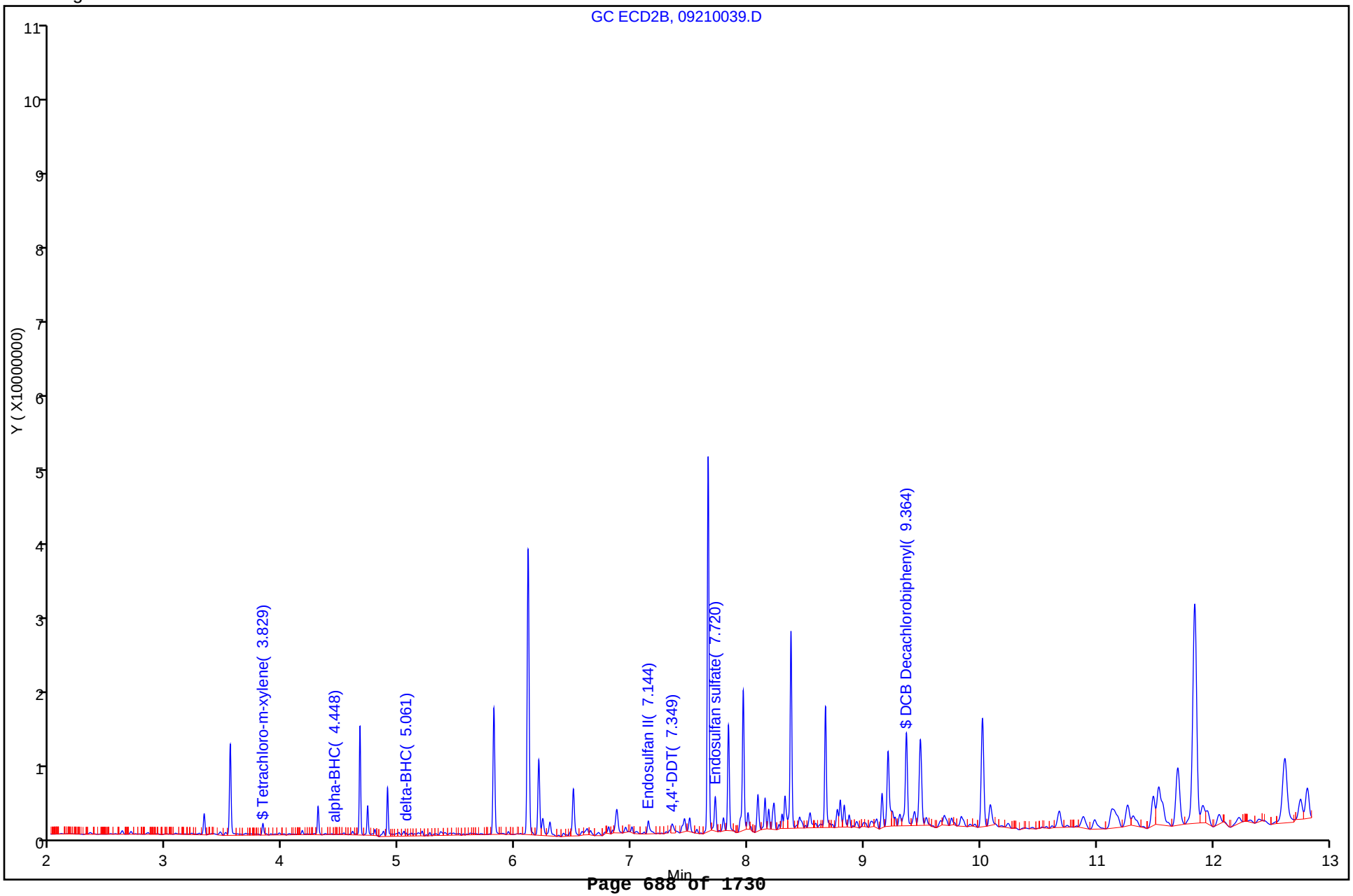
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210039.D

Injection Date:	22-Sep-2011 00:03:29	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	31
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 22-Sep-2011 15:25:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

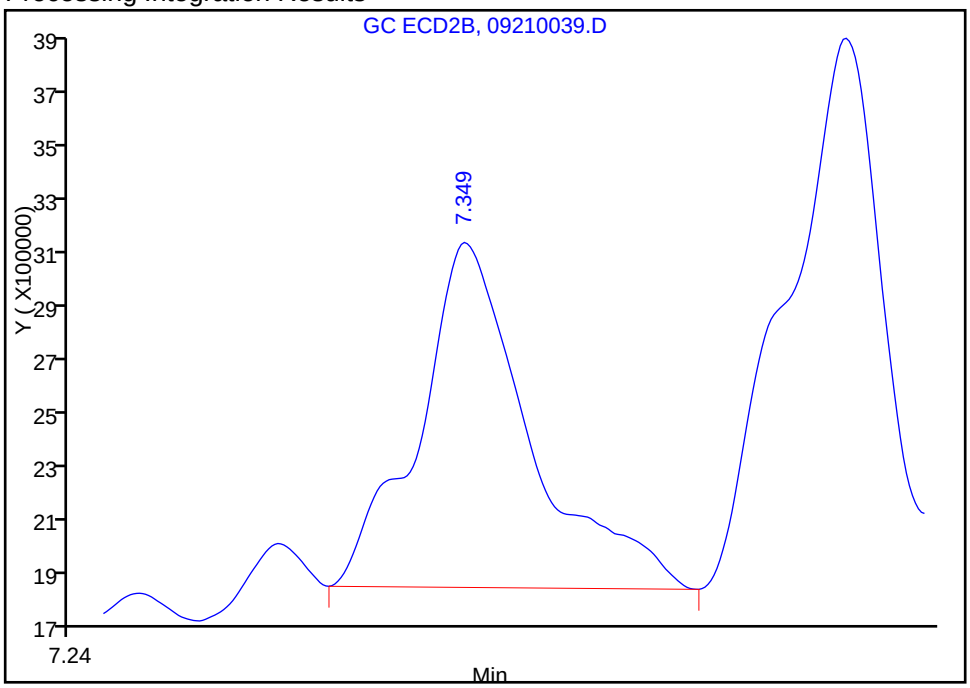
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210039.D		
Injection Date:	22-Sep-2011 00:03:29	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0101FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	31
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

35 4,4'-DDT, Signal: 2, Type: quant, RT: 7.35, Det: GC ECD2B

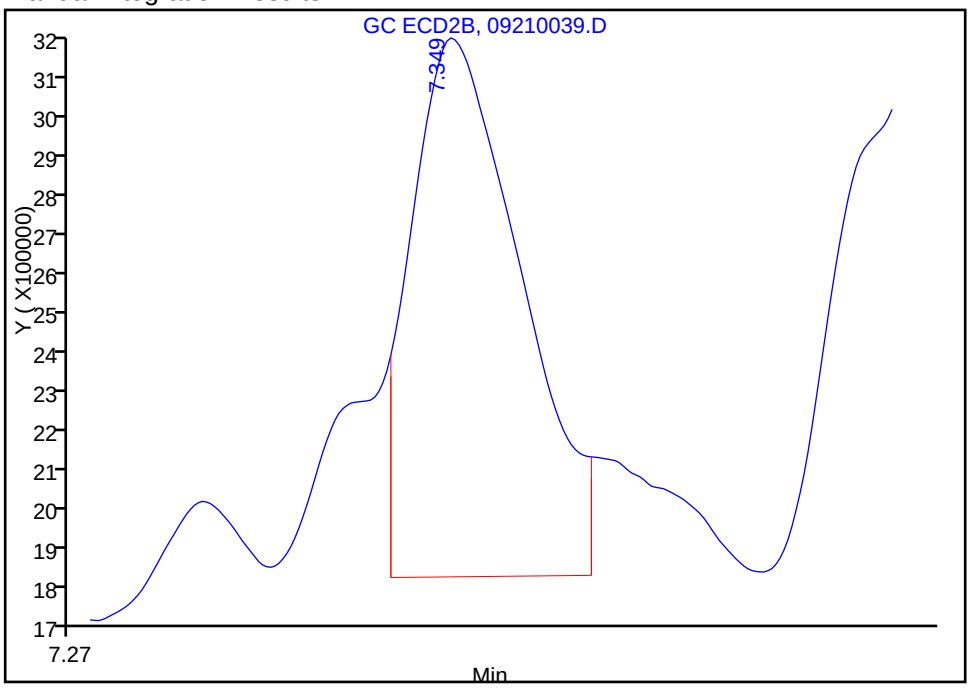
Processing Integration Results

RT: 7.35
Response: 2560019
Amount: 2.895637



Manual Integration Results

RT: 7.35
Response: 1910613
Amount: 2.110216



Reviewer: reamb, 22-Sep-2011 12:20:30
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: 09210040.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.1(g) | Date Analyzed: 09/22/2011 00:19

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.85	U Q	2.1	0.85	0.67
72-55-9	4,4'-DDE	0.57	U Q	2.1	0.57	0.29
50-29-3	4,4'-DDT	0.85	U Q	2.5	0.85	0.73
309-00-2	Aldrin	0.57	U Q	2.1	0.57	0.31
319-84-6	alpha-BHC	0.57	U Q	2.1	0.57	0.26
319-86-8	delta-BHC	0.85	U Q	2.1	0.85	0.49
58-89-9	gamma-BHC (Lindane)	0.85	U Q	2.1	0.85	0.57
76-44-8	Heptachlor	0.57	U Q	2.1	0.57	0.26
1024-57-3	Heptachlor epoxide	0.85	U Q	2.1	0.85	0.53
959-98-8	Endosulfan I	0.57	U Q	2.1	0.57	0.22
33213-65-9	Endosulfan II	0.57	U Q	2.1	0.57	0.35
1031-07-8	Endosulfan sulfate	0.57	U Q	2.1	0.57	0.34
72-20-8	Endrin	0.57	U Q	2.1	0.57	0.38
53494-70-5	Endrin ketone	0.85	U Q	2.1	0.85	0.60
5103-74-2	gamma-Chlordane	0.85	U Q	2.1	0.85	0.33
72-43-5	Methoxychlor	0.85	U Q	4.1	0.85	0.56
5103-71-9	alpha-Chlordane	0.57	U Q	2.1	0.57	0.40
8001-35-2	Toxaphene	33	U Q	210	33	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	84		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210040.D		
Lims ID:	280-20042-A-2-C	Client ID:	TMCSD0201FA
Inject. Date:	22-Sep-2011 00:19:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984721,-2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	34
Lims Batch ID:	87288	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:23:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.847	3.850	-0.003	39134499	11.4			
2	2	3.827	3.828	-0.001	13313976	14.3			
						RPD = 22.93			
12 beta-BHC									
1	100	4.799	4.792	0.007	28369972	14.1			
2	2	4.824	4.833	-0.009	3040225	4.58			
						RPD = 101.95			
22 Heptachlor epoxide									
1	-65	5.967	5.970	-0.003	426126	-0.2708			7
2	2	5.943	5.943	0.000	13305243	12.4			7
						RPD = 208.90			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.249	6.247	0.002	253938	-0.2369			7
2	2	6.298	6.299	-0.001	48839	-0.4484			7
						RPD = -61.73			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.395	6.389	0.006	4222	-0.9340			7
2	2	6.353	6.355	-0.002	118	-1.10			7
						RPD = -16.59			
LOD = 0.002000									
28 Dieldrin									
1	100	6.624	6.633	-0.009	5480769	1.53			
2	2	6.639	6.635	0.004	1052261	0.7736			
						RPD = 65.67			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.196	7.198	-0.002	4011954	1.07			
2	2	7.349	7.347	0.002	1242737	1.30			
						RPD = 19.53			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	3439974	2.10			7
2	2	7.463	7.462	0.001	239	-0.4977			7
						RPD = 324.08			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.887	7.891	-0.004	413217	-0.3949			7
2	2	7.711	7.720	-0.009	701067	0.2833			7
						RPD = -1214.57			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	37294504	16.9			
2	2	9.369	9.370	-0.001	10300351	15.7			
						RPD = 7.35			

QC Flag Legend

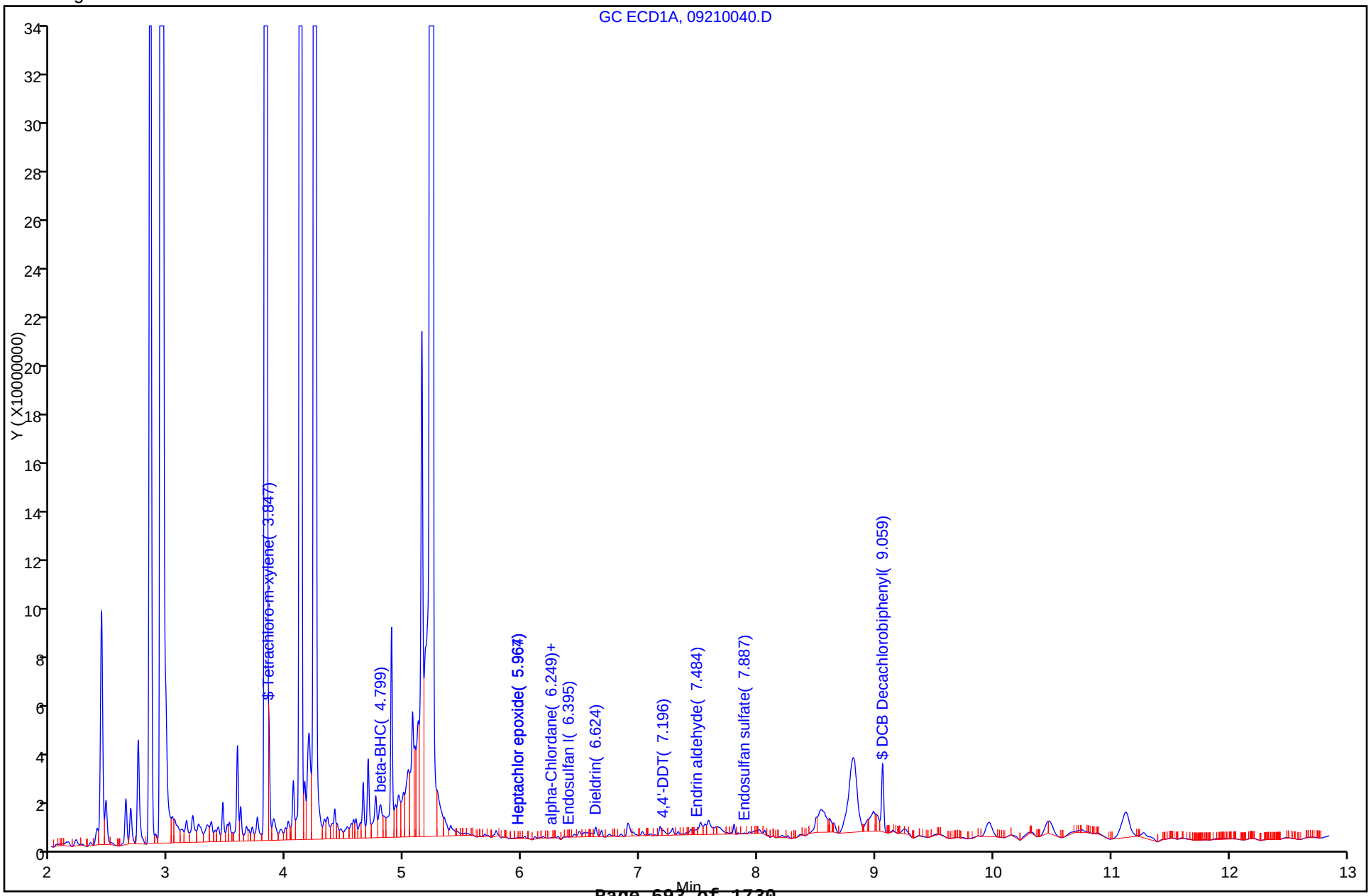
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:55 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210040.D

Injection Date:	22-Sep-2011 00:19:54	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0201FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	32
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: 09210040.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.1(g) | Date Analyzed: 09/22/2011 00:19

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
319-85-7	beta-BHC	1.9	J	2.1	0.85	0.82
7421-93-4	Endrin aldehyde	0.57	U	2.1	0.57	0.21
60-57-1	Dieldrin	0.32	J	2.1	0.57	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		70-125
2051-24-3	DCB Decachlorobiphenyl	78		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210040.D		
Lims ID:	280-20042-A-2-C	Client ID:	TMCSD0201FA
Inject. Date:	22-Sep-2011 00:19:54	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984721,-2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	34
Lims Batch ID:	87288	Lims Sample ID:	32
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:23:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.847	3.850	-0.003	39134499	11.4			
2	2	3.827	3.828	-0.001	13313976	14.3			
						RPD = 22.93			
12 beta-BHC									
1	100	4.799	4.792	0.007	28369972	14.1			
2	2	4.824	4.833	-0.009	3040225	4.58			
						RPD = 101.95			
22 Heptachlor epoxide									
1	-65	5.967	5.970	-0.003	426126	-0.2708			7
2	2	5.943	5.943	0.000	13305243	12.4			7
						RPD = 208.90			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.249	6.247	0.002	253938	-0.2369			7
2	2	6.298	6.299	-0.001	48839	-0.4484			7
						RPD = -61.73			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.395	6.389	0.006	4222	-0.9340			7
2	2	6.353	6.355	-0.002	118	-1.10			7
						RPD = -16.59			
LOD = 0.002000									
28 Dieldrin									
1	100	6.624	6.633	-0.009	5480769	1.53			
2	2	6.639	6.635	0.004	1052261	0.7736			
						RPD = 65.67			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.196	7.198	-0.002	4011954	1.07			
2	2	7.349	7.347	0.002	1242737	1.30			
						RPD = 19.53			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	3439974	2.10			7
2	2	7.463	7.462	0.001	239	-0.4977			7
						RPD = 324.08			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.887	7.891	-0.004	413217	-0.3949			7
2	2	7.711	7.720	-0.009	701067	0.2833			7
						RPD = -1214.57			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	37294504	16.9			
2	2	9.369	9.370	-0.001	10300351	15.7			
						RPD = 7.35			

QC Flag Legend

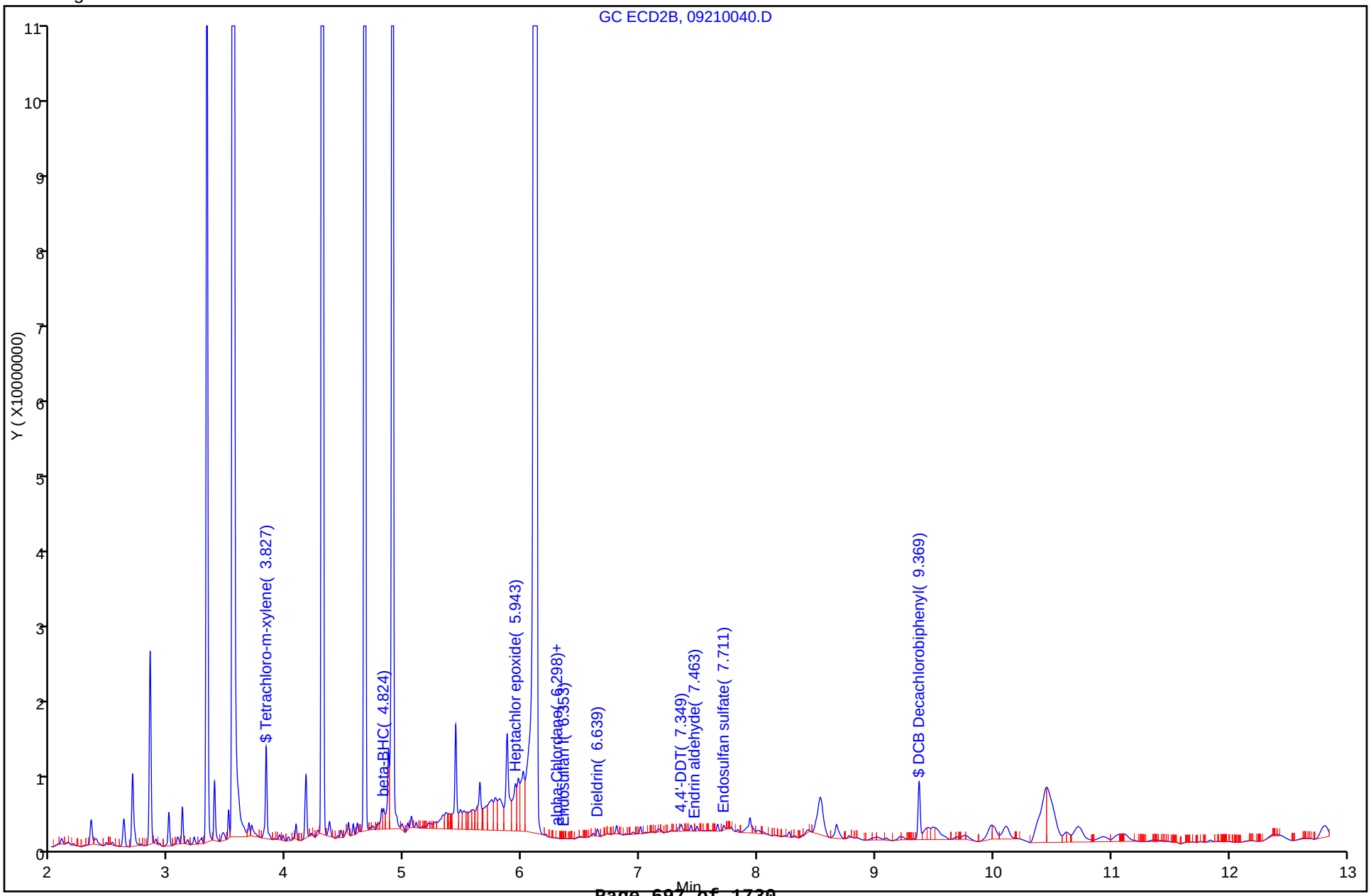
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:55 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210040.D

Injection Date:	22-Sep-2011 00:19:54	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0201FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	32
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA | Lab Sample ID: 280-20042-3

Matrix: Solid | Lab File ID: 09210043.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.1(g) | Date Analyzed: 09/22/2011 01:09

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.82	U Q	2.0	0.82	0.65
72-55-9	4,4'-DDE	0.55	U Q	2.0	0.55	0.28
50-29-3	4,4'-DDT	0.82	U Q	2.4	0.82	0.70
309-00-2	Aldrin	0.55	U Q	2.0	0.55	0.30
319-84-6	alpha-BHC	0.55	U Q	2.0	0.55	0.26
319-85-7	beta-BHC	0.82	U Q	2.0	0.82	0.79
319-86-8	delta-BHC	0.82	U Q	2.0	0.82	0.48
58-89-9	gamma-BHC (Lindane)	0.82	U Q	2.0	0.82	0.55
959-98-8	Endosulfan I	0.55	U Q	2.0	0.55	0.21
33213-65-9	Endosulfan II	0.55	U Q	2.0	0.55	0.34
1031-07-8	Endosulfan sulfate	0.55	U Q	2.0	0.55	0.33
72-20-8	Endrin	0.55	U Q	2.0	0.55	0.36
7421-93-4	Endrin aldehyde	0.55	U Q	2.0	0.55	0.20
53494-70-5	Endrin ketone	0.82	U Q	2.0	0.82	0.58
5103-74-2	gamma-Chlordane	0.82	U Q	2.0	0.82	0.32
72-43-5	Methoxychlor	0.82	U Q	3.9	0.82	0.54
5103-71-9	alpha-Chlordane	0.55	U Q	2.0	0.55	0.39
60-57-1	Dieldrin	0.55	U Q	2.0	0.55	0.25
8001-35-2	Toxaphene	32	U Q	200	32	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	64	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	92		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210043.D		
Lims ID:	280-20042-A-3-C	Client ID:	TMCSD0301FA
Inject. Date:	22-Sep-2011 01:09:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984724,-3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	37
Lims Batch ID:	87288	Lims Sample ID:	35
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:32:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	43999523	12.8			
2	2	3.827	3.828	-0.001	13219734	14.2			
						RPD = 10.31			
15 Heptachlor									
1	100	5.115	5.114	0.001	13867117	2.65			
2	2	5.104	5.114	-0.010	679227	0.0300			
						RPD = 195.52			
22 Heptachlor epoxide									
1	-65	5.963	5.970	-0.007	10974732	2.47			
2	2	5.942	5.943	-0.001	1173303	0.4883			
						RPD = 133.91			
25 4,4'-DDE									
1	-65	6.322	6.325	-0.003	39622	-0.1536			7
2	2	6.473	6.474	-0.001	319618	-0.3806			7
						RPD = -84.99			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.388	6.389	-0.001	310947	-0.8459			7
2	2	6.353	6.355	-0.002	287	-1.10			7
						RPD = -26.37			
LOD = 0.002000									
30 Endrin									
1	-65	6.859	6.865	-0.006	17556	0.005335			
2	2	6.942	6.936	0.006	212700	0.2418			
						RPD = 191.37			
32 4,4'-DDD									
1	100	6.923	6.926	-0.003	292602	-3.69			7
2	2	7.045	7.047	-0.002	263107	-5.52			7
						RPD = 39.77			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.194	7.198	-0.004	1275062	0.2504			
2	2	7.347	7.347	0.000	906710	0.8960			
						RPD = 112.64			
37 Methoxychlor									
1	-65	7.656	7.654	0.002	508	-0.5746			7
2	2	7.982	7.984	-0.002	504	-1.51			7
						RPD = -89.63			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	40505186	18.5			
2	2	9.368	9.370	-0.002	10956793	16.8			
						RPD = 9.38			

QC Flag Legend

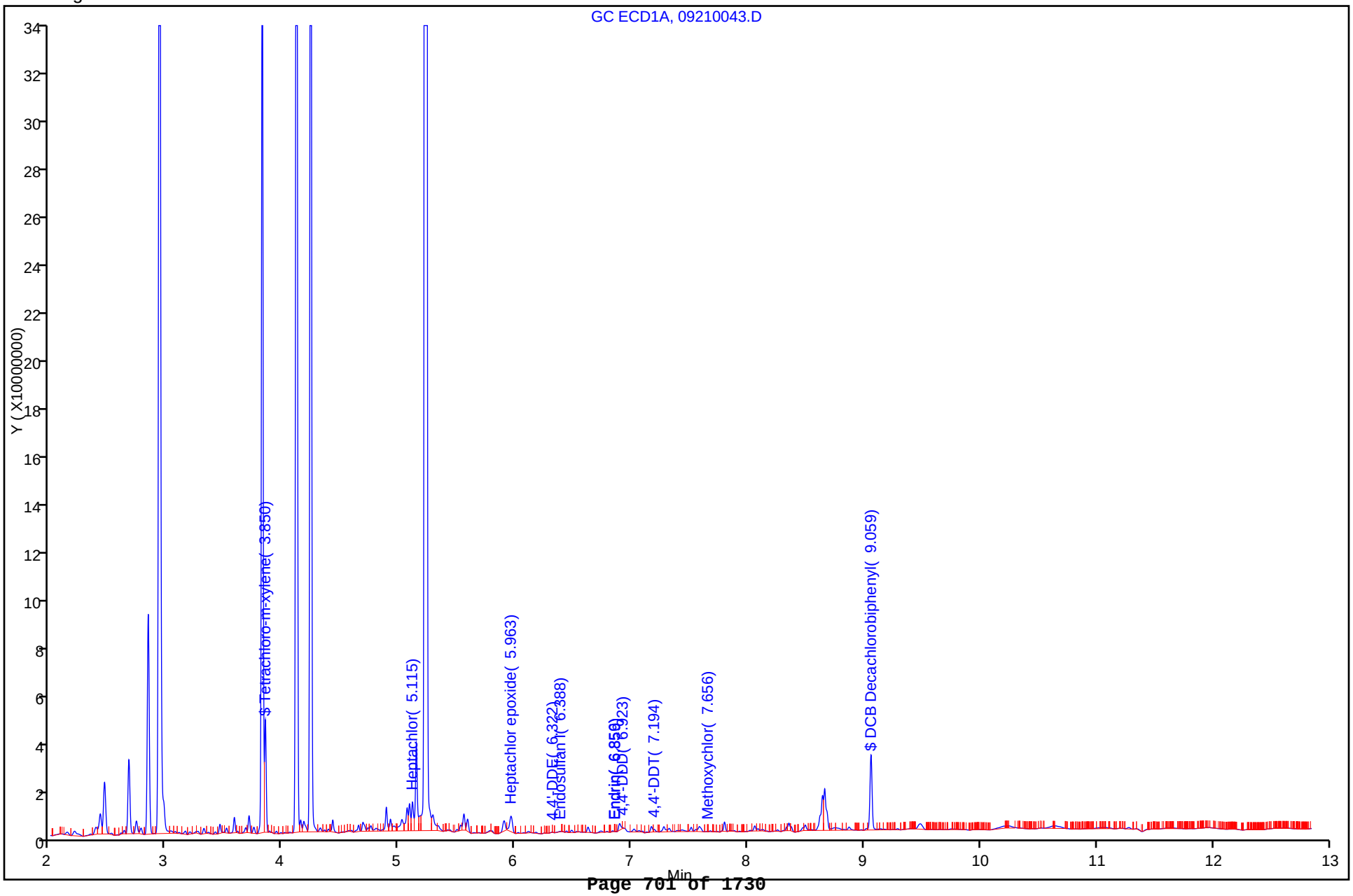
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:03 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210043.D

Injection Date:	22-Sep-2011 01:09:20	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0301FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	35
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA | Lab Sample ID: 280-20042-3

Matrix: Solid | Lab File ID: 09210043.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.1(g) | Date Analyzed: 09/22/2011 01:09

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 21.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
76-44-8	Heptachlor	0.55	U	2.0	0.55	0.26
1024-57-3	Heptachlor epoxide	0.82	U	2.0	0.82	0.51

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	71		70-125
2051-24-3	DCB Decachlorobiphenyl	84		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210043.D		
Lims ID:	280-20042-A-3-C	Client ID:	TMCSD0301FA
Inject. Date:	22-Sep-2011 01:09:20	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984724,-3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	37
Lims Batch ID:	87288	Lims Sample ID:	35
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:32:49

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	43999523	12.8			
2	2	3.827	3.828	-0.001	13219734	14.2			
						RPD = 10.31			
15 Heptachlor									
1	100	5.115	5.114	0.001	13867117	2.65			
2	2	5.104	5.114	-0.010	679227	0.0300			
						RPD = 195.52			
22 Heptachlor epoxide									
1	-65	5.963	5.970	-0.007	10974732	2.47			
2	2	5.942	5.943	-0.001	1173303	0.4883			
						RPD = 133.91			
25 4,4'-DDE									
1	-65	6.322	6.325	-0.003	39622	-0.1536			7
2	2	6.473	6.474	-0.001	319618	-0.3806			7
						RPD = -84.99			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.388	6.389	-0.001	310947	-0.8459			7
2	2	6.353	6.355	-0.002	287	-1.10			7
						RPD = -26.37			
LOD = 0.002000									
30 Endrin									
1	-65	6.859	6.865	-0.006	17556	0.005335			
2	2	6.942	6.936	0.006	212700	0.2418			
						RPD = 191.37			
32 4,4'-DDD									
1	100	6.923	6.926	-0.003	292602	-3.69			7
2	2	7.045	7.047	-0.002	263107	-5.52			7
						RPD = 39.77			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.194	7.198	-0.004	1275062	0.2504			
2	2	7.347	7.347	0.000	906710	0.8960			
						RPD = 112.64			
37 Methoxychlor									
1	-65	7.656	7.654	0.002	508	-0.5746			7
2	2	7.982	7.984	-0.002	504	-1.51			7
						RPD = -89.63			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	40505186	18.5			
2	2	9.368	9.370	-0.002	10956793	16.8			
						RPD = 9.38			

QC Flag Legend

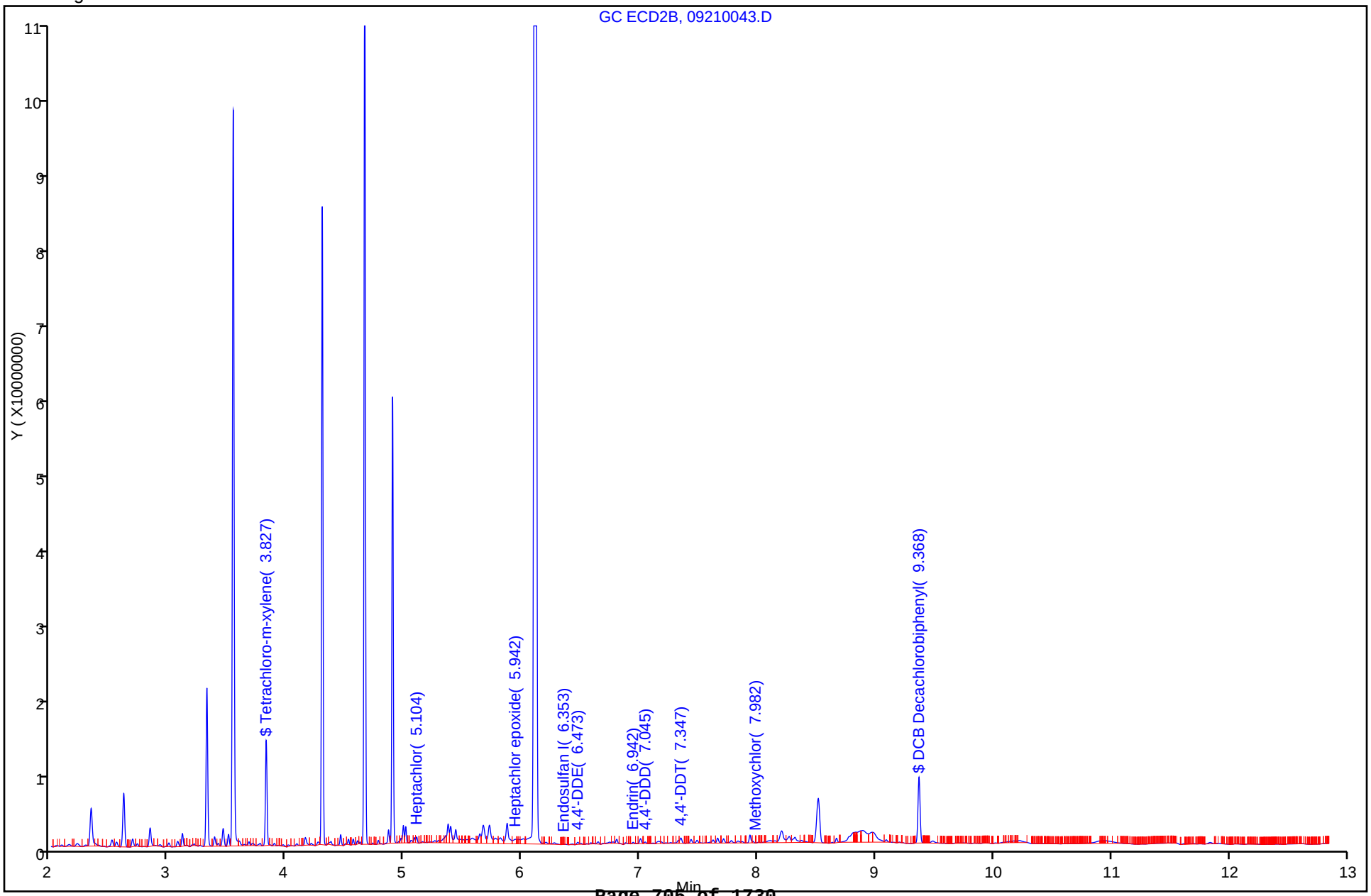
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:03 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210043.D

Injection Date:	22-Sep-2011 01:09:20	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0301FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	35
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA | Lab Sample ID: 280-20042-4

Matrix: Solid | Lab File ID: 09210044.D

Analysis Method: 8081A | Date Collected: 09/06/2011 12:50

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) | Date Analyzed: 09/22/2011 01:25

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.86	U Q	2.1	0.86	0.68
72-55-9	4,4'-DDE	0.57	U Q	2.1	0.57	0.30
50-29-3	4,4'-DDT	1.8	J Q	2.5	0.86	0.73
309-00-2	Aldrin	0.57	U Q	2.1	0.57	0.31
319-84-6	alpha-BHC	0.57	U Q	2.1	0.57	0.27
319-85-7	beta-BHC	0.86	U Q	2.1	0.86	0.83
319-86-8	delta-BHC	0.86	U Q	2.1	0.86	0.50
58-89-9	gamma-BHC (Lindane)	0.86	U Q	2.1	0.86	0.58
76-44-8	Heptachlor	0.57	U Q	2.1	0.57	0.27
1024-57-3	Heptachlor epoxide	0.86	U Q	2.1	0.86	0.53
959-98-8	Endosulfan I	0.57	U Q	2.1	0.57	0.22
33213-65-9	Endosulfan II	0.57	U Q	2.1	0.57	0.36
1031-07-8	Endosulfan sulfate	0.57	U Q	2.1	0.57	0.34
72-20-8	Endrin	0.57	U Q	2.1	0.57	0.38
7421-93-4	Endrin aldehyde	0.57	U Q	2.1	0.57	0.21
53494-70-5	Endrin ketone	0.86	U Q	2.1	0.86	0.61
5103-74-2	gamma-Chlordane	0.86	U Q	2.1	0.86	0.33
72-43-5	Methoxychlor	0.86	U Q	4.1	0.86	0.56
5103-71-9	alpha-Chlordane	0.57	U Q	2.1	0.57	0.40
8001-35-2	Toxaphene	34	U Q	210	34	20

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	52	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	79		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210044.D		
Lims ID:	280-20042-A-4-C	Client ID:	TMCSD0401FA
Inject. Date:	22-Sep-2011 01:25:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984729,-4		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	38
Lims Batch ID:	87288	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:36:44

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	35724643	10.4			
2	2	3.828	3.828	0.000	11593111	12.4			
						RPD = 17.96			
10 alpha-BHC									
1	-65	4.430	4.427	0.003	630910	0.2668			7
2	2	4.459	4.449	0.010	316406	-0.4379			7
						RPD = -823.70			
LOD = 0.002000									
11 gamma-BHC (Lindane)									
1	-65	4.721	4.715	0.006	142	-0.2271			7
2	2	4.753	4.760	-0.007	237	-0.7060			7
						RPD = -102.65			
LOD = 0.002000									
15 Heptachlor									
1	100	5.115	5.114	0.001	1803004	-0.0484			7
2	2	5.105	5.114	-0.009	1197345	0.4956			7
						RPD = 243.29			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									
1	-65	5.545	5.545	0.000	290467	0.4732		100.0	7
1	-65	6.388	6.400	-0.012	598	-20.9	493.4- 533.4	0.2	
1	-65	0.0	6.957	-6.957	0	0	473.2- 513.2		
1	-65	7.409	7.402	0.007	501021	-8.17	1037.7-1077.7	172.5	
1	-65	7.886	7.890	-0.004	227406	20.6	435.6- 475.6	78.3	
			Average of Peak Amounts =			-1.99			
2	6	0.0	5.457	-5.457	0	0		100.0	7
2	7	6.201	6.217	-0.016	866537	53.4	273.5- 333.5		
2	8	6.902	6.908	-0.006	185	-21.1	555.4- 615.4		
2	9	7.484	7.471	0.013	1219904	21.6	1046.7-1106.7		
2	10	8.055	8.042	0.013	56915	5.95	456.6- 516.6		
			Average of Peak Amounts =			15.0			
						RPD = 261.45			
LOD = 0.1800									
22 Heptachlor epoxide									
1	-65	5.966	5.970	-0.004	3460583	0.5168			7
2	2	5.940	5.943	-0.003	648534	-0.0288			7
						RPD = 223.59			
LOD = 0.002000									
23 gamma-Chlordane									
1	-65	6.108	6.106	0.002	1665180	0.2740			
2	2	6.140	6.146	-0.006	480245	0.0490			
						RPD = 139.31			
24 alpha-Chlordane									
1	-65	6.245	6.247	-0.002	862146	-0.0830			7
2	2	6.295	6.299	-0.004	551803	0.0374			7
						RPD = -528.67			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.388	6.389	-0.001	598	-0.9350			7
2	2	6.352	6.355	-0.003	1022	-1.10			7
						RPD = -16.39			
LOD = 0.002000									
28 Dieldrin									
1	100	6.624	6.633	-0.009	9384028	2.62			
2	2	6.644	6.635	0.009	1478757	1.19			
						RPD = 75.35			
32 4,4'-DDD									
1	100	6.917	6.926	-0.009	2618594	-2.74			7
2	2	7.045	7.047	-0.002	584537	-4.99			7
						RPD = -58.17			
LOD = 0.002000									
35 4,4'-DDT									M
1	-65	7.196	7.198	-0.002	14811519	4.31			
2	2	7.346	7.347	-0.001	5128167	6.00			M
						RPD = 32.86			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	35008971	15.9			
2	2	9.368	9.370	-0.002	9387305	14.3			
						RPD = 10.67			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

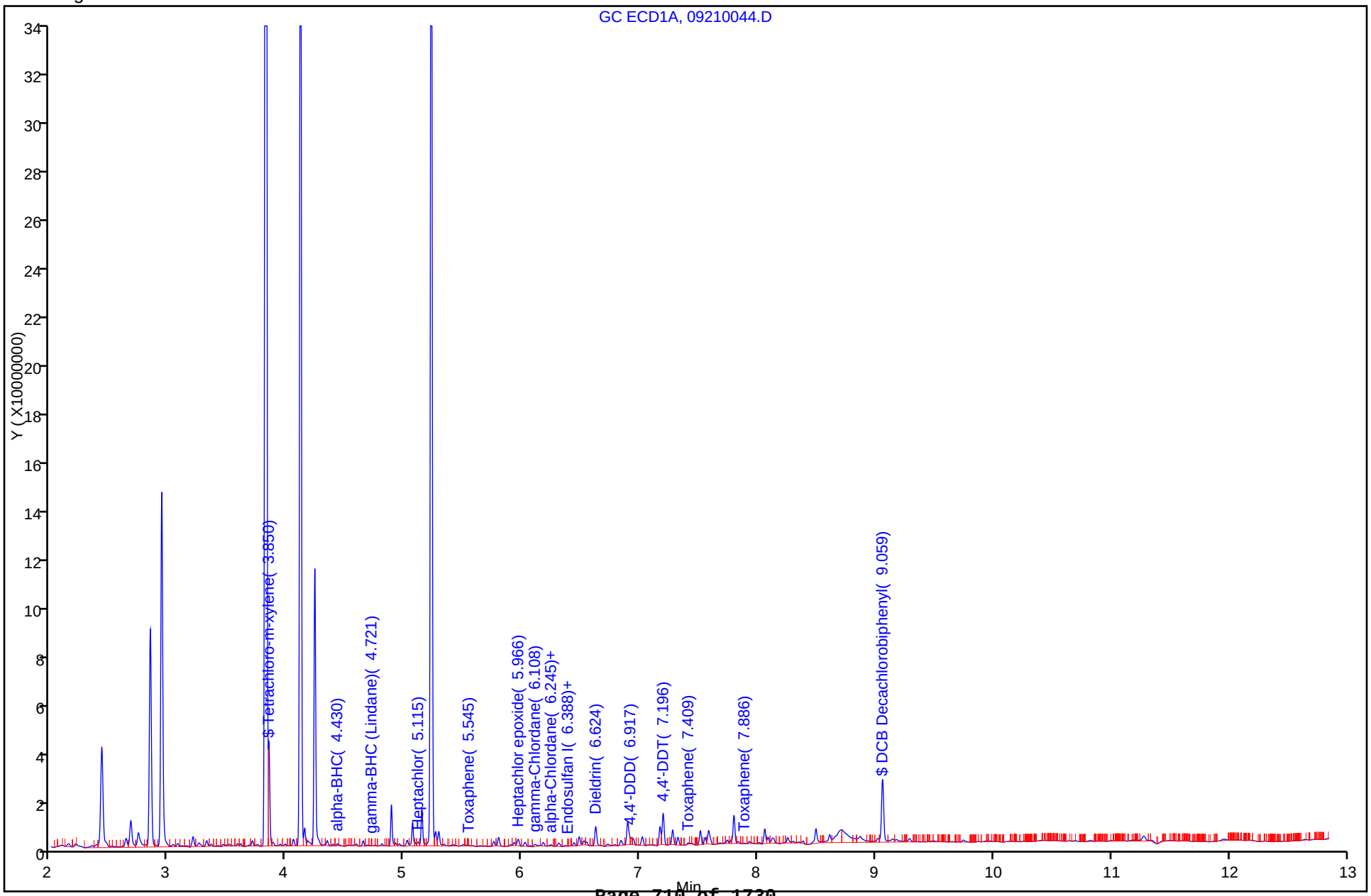
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:26:05 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210044.D

Injection Date:	22-Sep-2011 01:25:49	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0401FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	36
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA | Lab Sample ID: 280-20042-4

Matrix: Solid | Lab File ID: 09210044.D

Analysis Method: 8081A | Date Collected: 09/06/2011 12:50

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) | Date Analyzed: 09/22/2011 01:25

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
60-57-1	Dieldrin	0.49	Q J	2.1	0.57	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	71		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210044.D		
Lims ID:	280-20042-A-4-C	Client ID:	TMCSD0401FA
Inject. Date:	22-Sep-2011 01:25:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984729,-4		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	38
Lims Batch ID:	87288	Lims Sample ID:	36
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:36:44

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	35724643	10.4			
2	2	3.828	3.828	0.000	11593111	12.4			
						RPD = 17.96			
10 alpha-BHC									
1	-65	4.430	4.427	0.003	630910	0.2668			7
2	2	4.459	4.449	0.010	316406	-0.4379			7
						RPD = -823.70			
LOD = 0.002000									
11 gamma-BHC (Lindane)									
1	-65	4.721	4.715	0.006	142	-0.2271			7
2	2	4.753	4.760	-0.007	237	-0.7060			7
						RPD = -102.65			
LOD = 0.002000									
15 Heptachlor									
1	100	5.115	5.114	0.001	1803004	-0.0484			7
2	2	5.105	5.114	-0.009	1197345	0.4956			7
						RPD = 243.29			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									
1	-65	5.545	5.545	0.000	290467	0.4732		100.0	7
1	-65	6.388	6.400	-0.012	598	-20.9	493.4- 533.4	0.2	
1	-65	0.0	6.957	-6.957	0	0	473.2- 513.2		
1	-65	7.409	7.402	0.007	501021	-8.17	1037.7-1077.7	172.5	
1	-65	7.886	7.890	-0.004	227406	20.6	435.6- 475.6	78.3	
			Average of Peak Amounts =			-1.99			
2	6	0.0	5.457	-5.457	0	0		100.0	7
2	7	6.201	6.217	-0.016	866537	53.4	273.5- 333.5		
2	8	6.902	6.908	-0.006	185	-21.1	555.4- 615.4		
2	9	7.484	7.471	0.013	1219904	21.6	1046.7-1106.7		
2	10	8.055	8.042	0.013	56915	5.95	456.6- 516.6		
			Average of Peak Amounts =			15.0			
						RPD = 261.45			
LOD = 0.1800									
22 Heptachlor epoxide									
1	-65	5.966	5.970	-0.004	3460583	0.5168			7
2	2	5.940	5.943	-0.003	648534	-0.0288			7
						RPD = 223.59			
LOD = 0.002000									
23 gamma-Chlordane									
1	-65	6.108	6.106	0.002	1665180	0.2740			
2	2	6.140	6.146	-0.006	480245	0.0490			
						RPD = 139.31			
24 alpha-Chlordane									
1	-65	6.245	6.247	-0.002	862146	-0.0830			7
2	2	6.295	6.299	-0.004	551803	0.0374			7
						RPD = -528.67			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.388	6.389	-0.001	598	-0.9350			7
2	2	6.352	6.355	-0.003	1022	-1.10			7
						RPD = -16.39			
LOD = 0.002000									
28 Dieldrin									
1	100	6.624	6.633	-0.009	9384028	2.62			
2	2	6.644	6.635	0.009	1478757	1.19			
						RPD = 75.35			
32 4,4'-DDD									
1	100	6.917	6.926	-0.009	2618594	-2.74			7
2	2	7.045	7.047	-0.002	584537	-4.99			7
						RPD = -58.17			
LOD = 0.002000									
35 4,4'-DDT									M
1	-65	7.196	7.198	-0.002	14811519	4.31			
2	2	7.346	7.347	-0.001	5128167	6.00			M
						RPD = 32.86			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	35008971	15.9			
2	2	9.368	9.370	-0.002	9387305	14.3			
						RPD = 10.67			

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

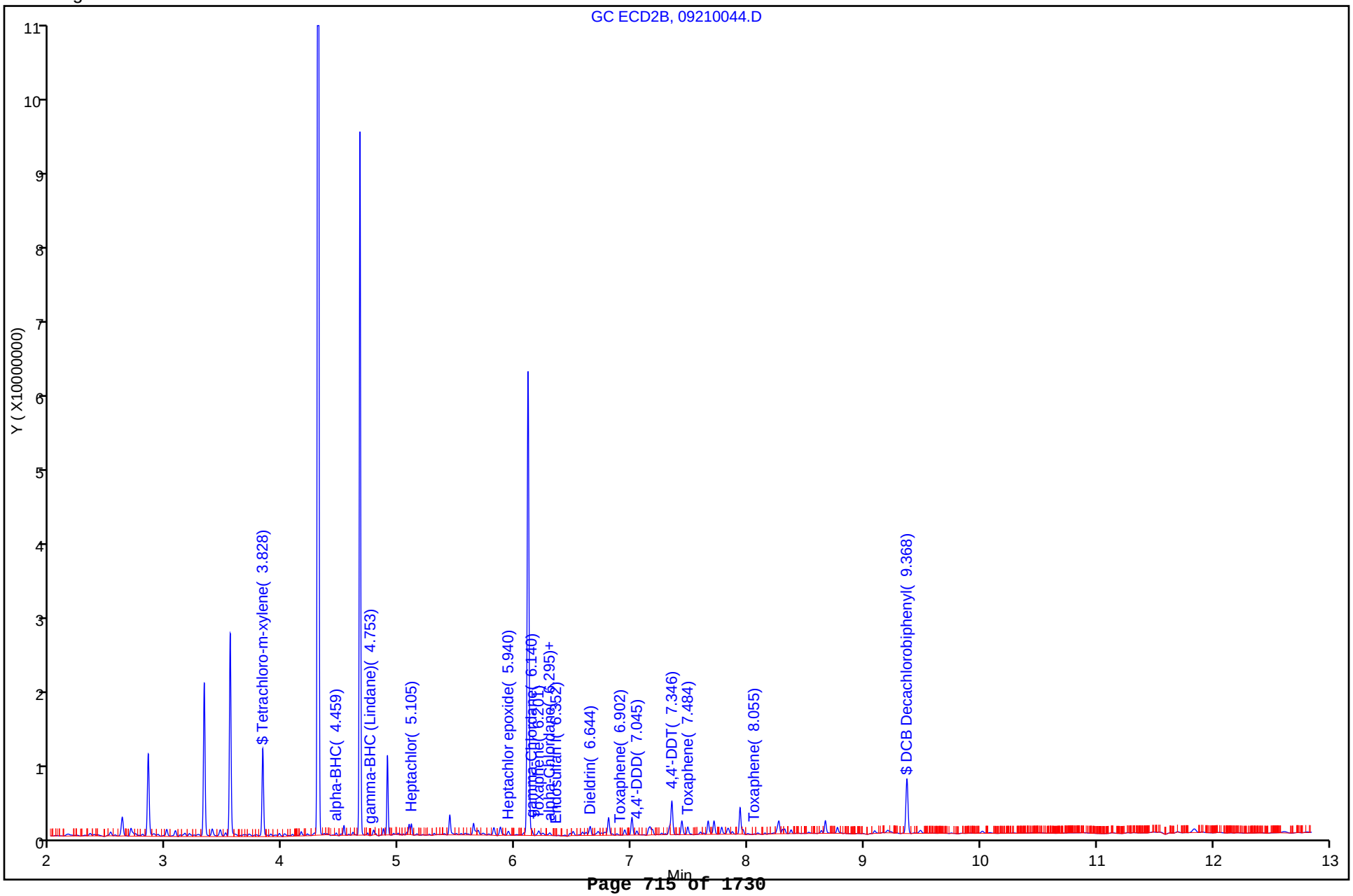
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:26:06 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210044.D

Injection Date:	22-Sep-2011 01:25:49	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0401FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	36
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 22-Sep-2011 15:26:06 Chrom Revision: 1.2 13-Jul-2011 10:43:06

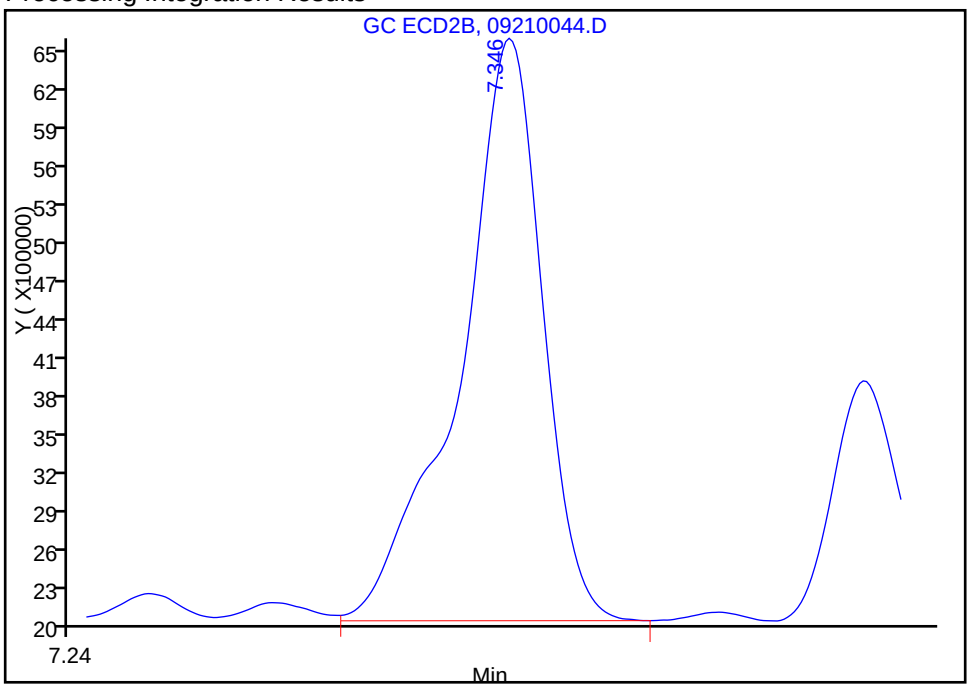
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210044.D		
Injection Date:	22-Sep-2011 01:25:49	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0401FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	36
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

35 4,4'-DDT, Signal: 2, Type: quant, RT: 7.35, Det: GC ECD2B

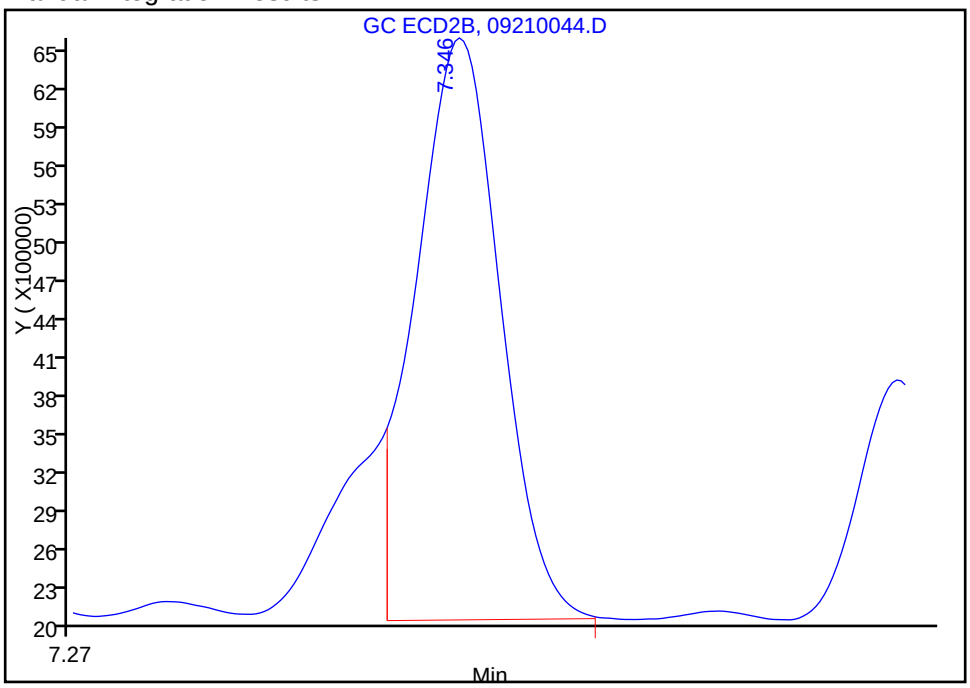
Processing Integration Results

RT: 7.35
Response: 6204449
Amount: 7.303380



Manual Integration Results

RT: 7.35
Response: 5128167
Amount: 6.001675



Reviewer: reamb, 22-Sep-2011 12:36:44
Audit Action: Manually Integrated
Audit Reason: Split Peak

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA | Lab Sample ID: 280-20042-5

Matrix: Solid | Lab File ID: 09210033.D

Analysis Method: 8081A | Date Collected: 09/06/2011 12:30

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.3(g) | Date Analyzed: 09/21/2011 22:24

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 50.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	1.3	U Q	3.3	1.3	1.1
72-55-9	4,4'-DDE	0.89	U Q	3.3	0.89	0.46
50-29-3	4,4'-DDT	1.3	U Q	3.9	1.3	1.1
309-00-2	Aldrin	0.89	U Q	3.3	0.89	0.49
319-84-6	alpha-BHC	0.89	U Q	3.3	0.89	0.41
319-85-7	beta-BHC	1.3	U Q	3.3	1.3	1.3
319-86-8	delta-BHC	1.3	U Q	3.3	1.3	0.78
58-89-9	gamma-BHC (Lindane)	1.3	U Q	3.3	1.3	0.90
1024-57-3	Heptachlor epoxide	1.3	U Q	3.3	1.3	0.83
959-98-8	Endosulfan I	0.89	U Q	3.3	0.89	0.34
33213-65-9	Endosulfan II	0.89	U Q	3.3	0.89	0.56
1031-07-8	Endosulfan sulfate	0.89	U Q	3.3	0.89	0.53
72-20-8	Endrin	0.89	U Q	3.3	0.89	0.59
7421-93-4	Endrin aldehyde	0.89	U Q	3.3	0.89	0.33
53494-70-5	Endrin ketone	1.3	U Q	3.3	1.3	0.95
5103-74-2	gamma-Chlordane	1.3	U Q	3.3	1.3	0.52
72-43-5	Methoxychlor	1.3	U Q	6.4	1.3	0.87
5103-71-9	alpha-Chlordane	0.89	U Q	3.3	0.89	0.63
60-57-1	Dieldrin	0.89	U Q	3.3	0.89	0.41
8001-35-2	Toxaphene	52	U Q	330	52	31

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	59	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	92		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210033.D		
Lims ID:	280-20042-A-5-C	Client ID:	TMCSD0501FA
Inject. Date:	21-Sep-2011 22:24:49	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984732,042-5		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	27
Lims Batch ID:	87288	Lims Sample ID:	25
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 11:32:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	40308435	11.7			
2	2	3.828	3.828	0.000	13489154	14.5			
						RPD = 21.28			
15 Heptachlor									
1	100	5.120	5.114	0.006	6235578	0.9424			7
2	2	5.117	5.114	0.003	10551	-0.5710			7
						RPD = 815.12			
LOD = 0.002000									
22 Heptachlor epoxide									
1	-65	5.969	5.970	-0.001	964746	-0.1310			7
2	2	5.943	5.943	0.000	2914477	2.20			7
						RPD = 225.27			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.246	6.247	-0.001	2224821	0.2620			7
2	2	6.297	6.299	-0.002	222070	-0.2811			7
						RPD = -5675.64			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.386	6.389	-0.003	79032	-0.9125			7
2	2	6.359	6.355	0.004	283	-1.10			7
						RPD = -18.88			
LOD = 0.002000									
32 4,4'-DDD									
1	100	6.915	6.926	-0.011	4240148	-2.09			7
2	2	7.046	7.047	-0.001	662113	-4.86			7
						RPD = -79.87			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.196	7.198	-0.002	5419710	1.49			
2	2	7.349	7.347	0.002	2752828	3.13			
						RPD = 70.81			
39 Endosulfan sulfate									
1	-65	7.888	7.891	-0.003	303469	-0.4325			7
2	2	7.711	7.720	-0.009	2347244	2.41			7
						RPD = 287.47			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	40335048	18.4			
2	2	9.369	9.370	-0.001	10857202	16.7			
						RPD = 9.91			

QC Flag Legend

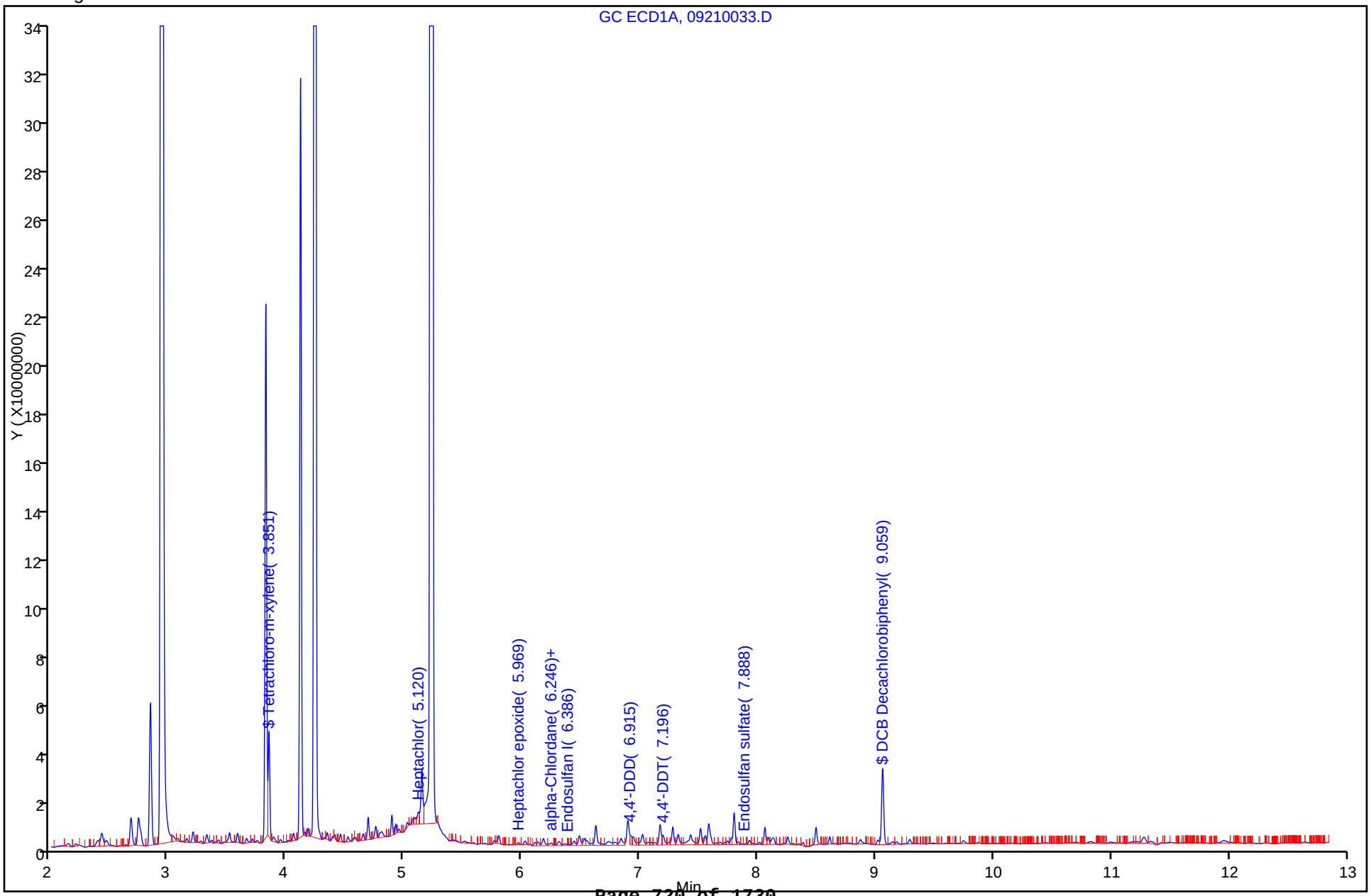
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:25 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210033.D

Injection Date:	21-Sep-2011 22:24:49	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0501FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	25
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA | Lab Sample ID: 280-20042-5

Matrix: Solid | Lab File ID: 09210033.D

Analysis Method: 8081A | Date Collected: 09/06/2011 12:30

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.3(g) | Date Analyzed: 09/21/2011 22:24

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 50.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
76-44-8	Heptachlor	0.89	U	3.3	0.89	0.41

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	73		70-125
2051-24-3	DCB Decachlorobiphenyl	84		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210033.D
Lims ID: 280-20042-A-5-C
Client ID: TMCSD0501FA
Inject. Date: 21-Sep-2011 22:24:49
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 280-984732,042-5
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 27
Lims Batch ID: 87288
Lims Sample ID: 25
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:58
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 22-Sep-2011 11:32:00

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	40308435	11.7			
2	2	3.828	3.828	0.000	13489154	14.5			
						RPD = 21.28			
15 Heptachlor									
1	100	5.120	5.114	0.006	6235578	0.9424			7
2	2	5.117	5.114	0.003	10551	-0.5710			7
						RPD = 815.12			
LOD = 0.002000									
22 Heptachlor epoxide									
1	-65	5.969	5.970	-0.001	964746	-0.1310			7
2	2	5.943	5.943	0.000	2914477	2.20			7
						RPD = 225.27			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.246	6.247	-0.001	2224821	0.2620			7
2	2	6.297	6.299	-0.002	222070	-0.2811			7
						RPD = -5675.64			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.386	6.389	-0.003	79032	-0.9125			7
2	2	6.359	6.355	0.004	283	-1.10			7
						RPD = -18.88			
LOD = 0.002000									
32 4,4'-DDD									
1	100	6.915	6.926	-0.011	4240148	-2.09			7
2	2	7.046	7.047	-0.001	662113	-4.86			7
						RPD = -79.87			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.196	7.198	-0.002	5419710	1.49			
2	2	7.349	7.347	0.002	2752828	3.13			
						RPD = 70.81			
39 Endosulfan sulfate									
1	-65	7.888	7.891	-0.003	303469	-0.4325			7
2	2	7.711	7.720	-0.009	2347244	2.41			7
						RPD = 287.47			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	40335048	18.4			
2	2	9.369	9.370	-0.001	10857202	16.7			
						RPD = 9.91			

QC Flag Legend

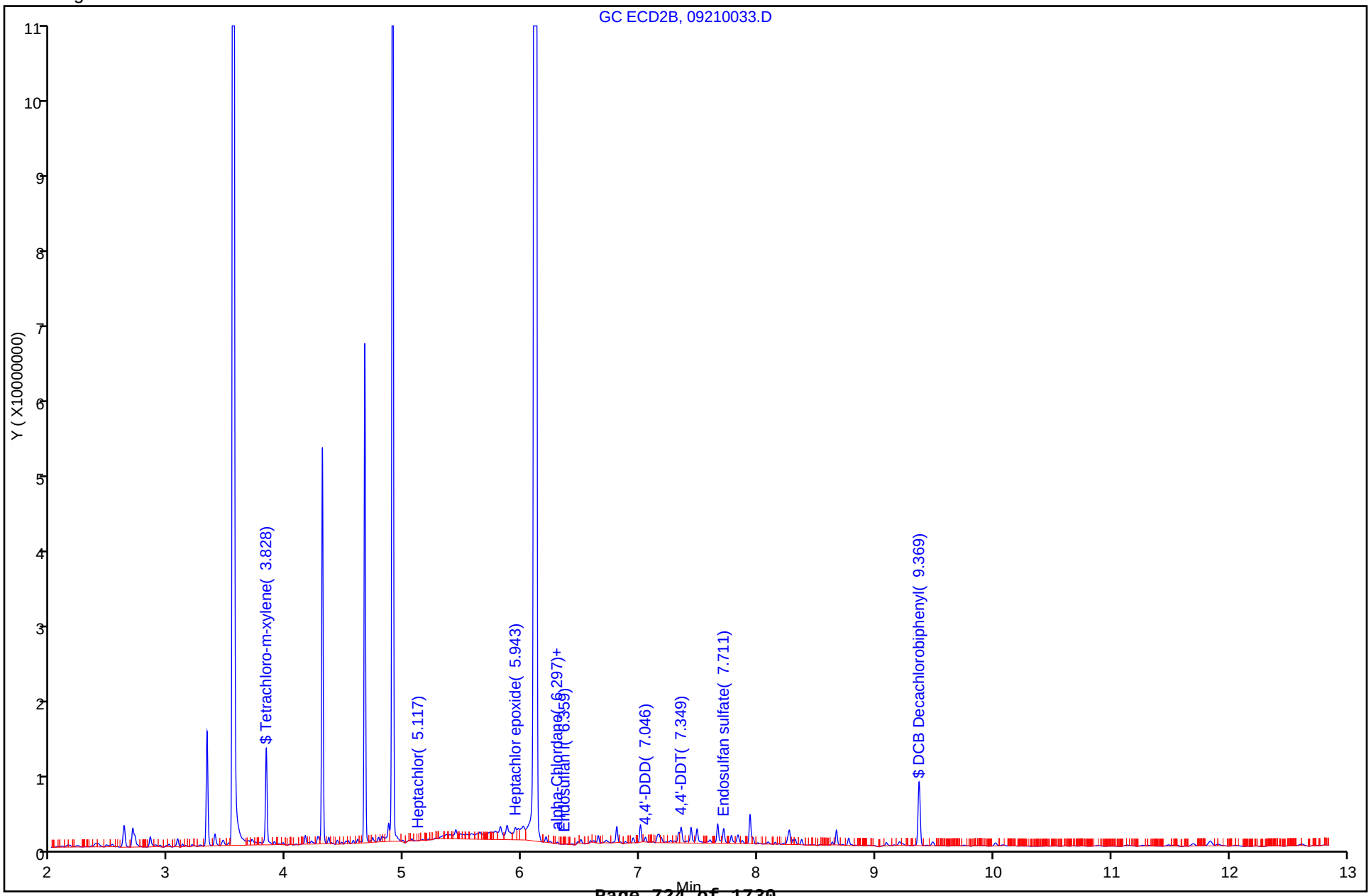
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:25 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210033.D

Injection Date:	21-Sep-2011 22:24:49	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0501FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	25
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: 09210052.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/22/2011 03:37

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.83	U Q	2.1	0.83	0.66
72-55-9	4,4'-DDE	0.56	U Q	2.1	0.56	0.29
309-00-2	Aldrin	0.56	U Q	2.1	0.56	0.30
319-84-6	alpha-BHC	0.56	U Q	2.1	0.56	0.26
319-85-7	beta-BHC	0.83	U Q	2.1	0.83	0.80
319-86-8	delta-BHC	0.83	U Q	2.1	0.83	0.48
58-89-9	gamma-BHC (Lindane)	0.83	U Q	2.1	0.83	0.56
1024-57-3	Heptachlor epoxide	0.83	U Q	2.1	0.83	0.51
959-98-8	Endosulfan I	0.56	U Q	2.1	0.56	0.21
33213-65-9	Endosulfan II	0.56	U Q	2.1	0.56	0.35
1031-07-8	Endosulfan sulfate	0.56	U Q	2.1	0.56	0.33
72-20-8	Endrin	0.56	U Q	2.1	0.56	0.37
7421-93-4	Endrin aldehyde	0.56	U Q	2.1	0.56	0.21
53494-70-5	Endrin ketone	0.83	U Q	2.1	0.83	0.59
5103-74-2	gamma-Chlordane	0.83	U Q	2.1	0.83	0.32
72-43-5	Methoxychlor	0.83	U Q	4.0	0.83	0.54
5103-71-9	alpha-Chlordane	0.56	U Q	2.1	0.56	0.39
8001-35-2	Toxaphene	33	U Q	210	33	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	53	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	72		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210052.D
Lims ID: 280-20042-A-6-C
Client ID: TMCSD0601FA
Inject. Date: 22-Sep-2011 03:37:54
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 280-984734,-6
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 46
Lims Batch ID: 87288
Lims Sample ID: 44
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	36616382	10.6			
2	2	3.828	3.828	0.000	12693840	13.6			
						RPD = 24.78			
15 Heptachlor									
1	100	5.117	5.114	0.003	8867385	1.53			7
2	2	5.104	5.114	-0.010	599792	-0.0414			7
						RPD = 211.13			
LOD = 0.002000									
20 Toxaphene									
1	-65	5.556	5.545	0.011	26793	-29.3		100.0	7
1	-65	6.396	6.400	-0.004	40731	-20.0	493.4- 533.4	152.0	
1	-65	0.0	6.957	-6.957	0	0	473.2- 513.2		
1	-65	0.0	7.402	-7.402	0	0	1037.7-1077.7		
1	-65	7.887	7.890	-0.003	828540	34.2	435.6- 475.6	3092.4	
			Average of Peak Amounts =			-5.02			
2	6	5.437	5.457	-0.020	3535808	1284.5		100.0	7
2	7	6.200	6.217	-0.017	1310666	108.1	273.5- 333.5	37.1	
2	8	6.907	6.908	-0.001	7839	-20.6	555.4- 615.4	0.2	
2	9	7.484	7.471	0.013	1236524	22.2	1046.7-1106.7	35.0	
2	10	8.027	8.042	-0.015	31028	3.97	456.6- 516.6	0.9	
			Average of Peak Amounts =			279.6			
						RPD = 207.31			
LOD = 0.1800									
25 4,4'-DDE									
1	-65	6.322	6.325	-0.003	2117536	0.3675			7
2	2	6.471	6.474	-0.003	530868	-0.1802			7
						RPD = 584.68			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
28 Dieldrin									
1	100	6.627	6.633	-0.006	3242226	0.9051			7
2	2	6.635	6.635	0.000	52528	-0.1929			7
						RPD = 308.31			
LOD = 0.002000									
35 4,4'-DDT									
1	-65	7.193	7.198	-0.005	1668141	0.3682			
2	2	7.350	7.347	0.003	4167790	4.84			
						RPD = 171.72			
39 Endosulfan sulfate									
1	-65	7.887	7.891	-0.004	828540	-0.2528			7
2	2	7.714	7.720	-0.006	670470	0.2437			7
						RPD = -10894.26			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	32066978	14.5			
2	2	9.372	9.370	0.002	13478450	20.9			
						RPD = 36.59			

QC Flag Legend

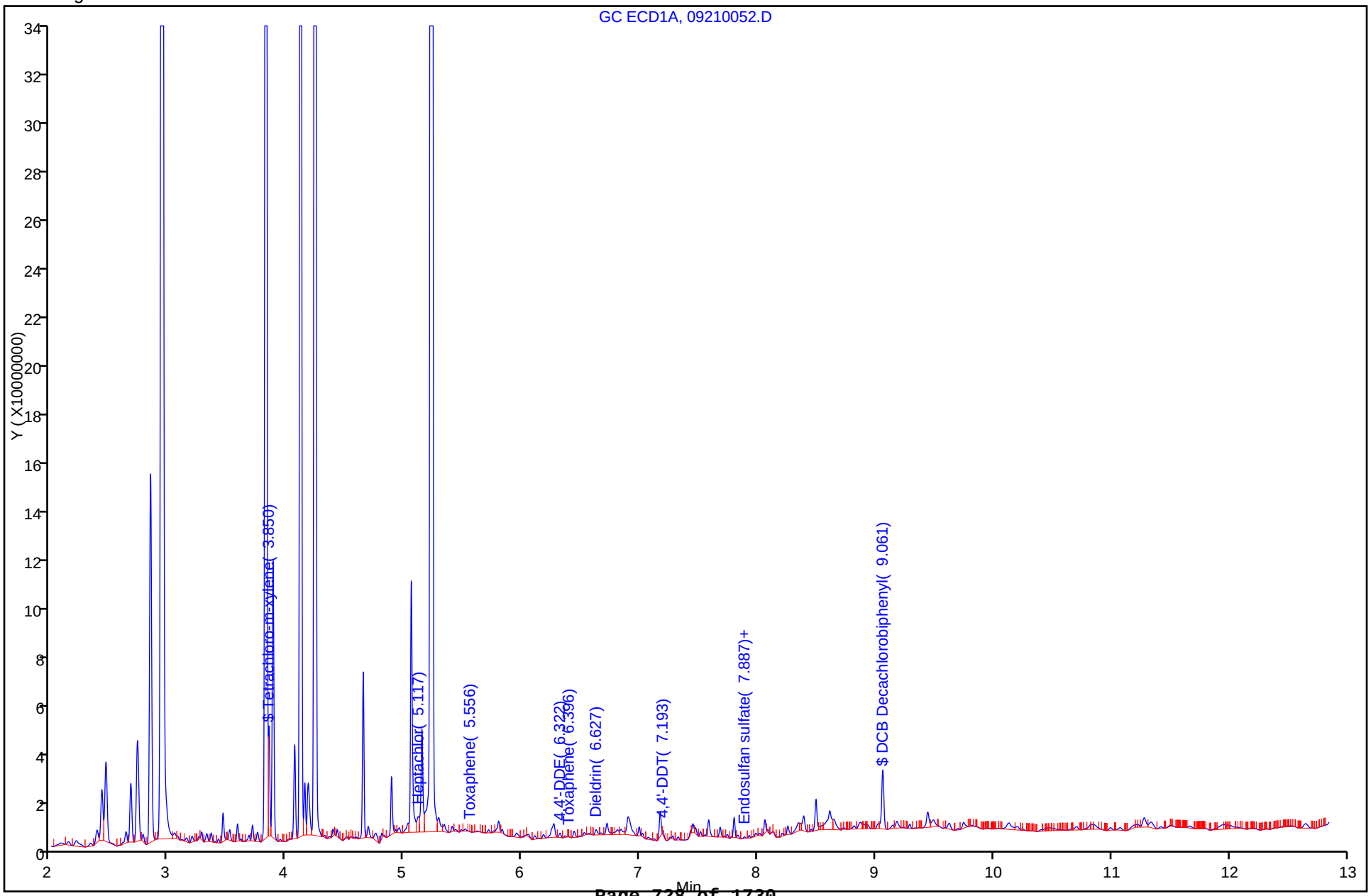
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:23 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210052.D

Injection Date:	22-Sep-2011 03:37:54	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0601FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	44
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: 09210052.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/22/2011 03:37

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
76-44-8	Heptachlor	0.56	U Q	2.1	0.56	0.26
60-57-1	Dieldrin	0.56	U Q	2.1	0.56	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	68	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	104		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210052.D
Lims ID: 280-20042-A-6-C
Client ID: TMCSD0601FA
Inject. Date: 22-Sep-2011 03:37:54
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 280-984734,-6
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 46
Lims Batch ID: 87288
Lims Sample ID: 44
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	36616382	10.6			
2	2	3.828	3.828	0.000	12693840	13.6			
						RPD = 24.78			
15 Heptachlor									
1	100	5.117	5.114	0.003	8867385	1.53			7
2	2	5.104	5.114	-0.010	599792	-0.0414			7
						RPD = 211.13			
LOD = 0.002000									
20 Toxaphene									
1	-65	5.556	5.545	0.011	26793	-29.3		100.0	7
1	-65	6.396	6.400	-0.004	40731	-20.0	493.4- 533.4	152.0	
1	-65	0.0	6.957	-6.957	0	0	473.2- 513.2		
1	-65	0.0	7.402	-7.402	0	0	1037.7-1077.7		
1	-65	7.887	7.890	-0.003	828540	34.2	435.6- 475.6	3092.4	
			Average of Peak Amounts =			-5.02			
2	6	5.437	5.457	-0.020	3535808	1284.5		100.0	7
2	7	6.200	6.217	-0.017	1310666	108.1	273.5- 333.5	37.1	
2	8	6.907	6.908	-0.001	7839	-20.6	555.4- 615.4	0.2	
2	9	7.484	7.471	0.013	1236524	22.2	1046.7-1106.7	35.0	
2	10	8.027	8.042	-0.015	31028	3.97	456.6- 516.6	0.9	
			Average of Peak Amounts =			279.6			
						RPD = 207.31			
LOD = 0.1800									
25 4,4'-DDE									
1	-65	6.322	6.325	-0.003	2117536	0.3675			7
2	2	6.471	6.474	-0.003	530868	-0.1802			7
						RPD = 584.68			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
28 Dieldrin									
1	100	6.627	6.633	-0.006	3242226	0.9051			7
2	2	6.635	6.635	0.000	52528	-0.1929			7
						RPD = 308.31			
LOD = 0.002000									
35 4,4'-DDT									
1	-65	7.193	7.198	-0.005	1668141	0.3682			
2	2	7.350	7.347	0.003	4167790	4.84			
						RPD = 171.72			
39 Endosulfan sulfate									
1	-65	7.887	7.891	-0.004	828540	-0.2528			7
2	2	7.714	7.720	-0.006	670470	0.2437			7
						RPD = -10894.26			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	32066978	14.5			
2	2	9.372	9.370	0.002	13478450	20.9			
						RPD = 36.59			

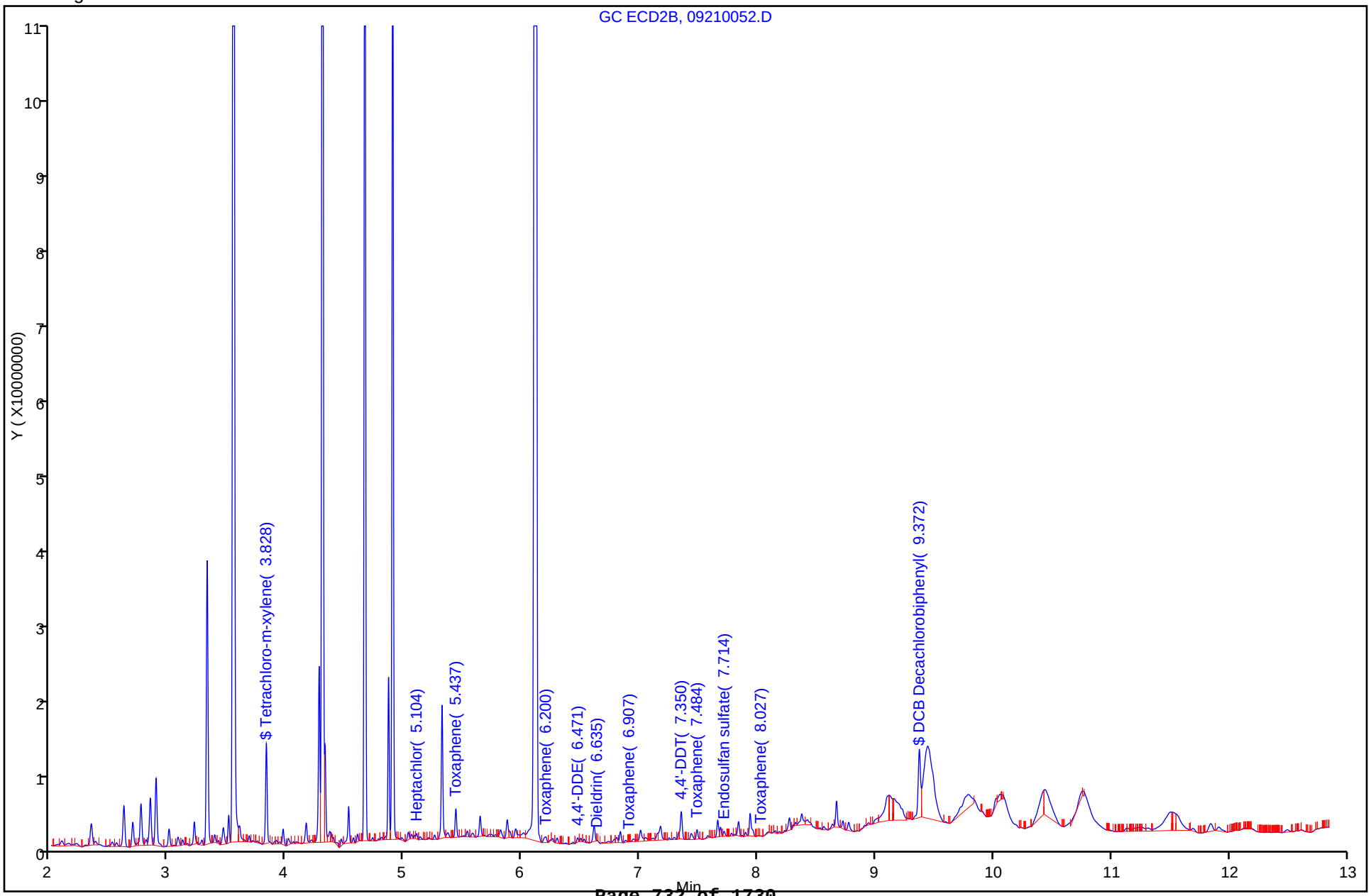
QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:24 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210052.D		
Injection Date:	22-Sep-2011 03:37:54	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0601FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	44
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



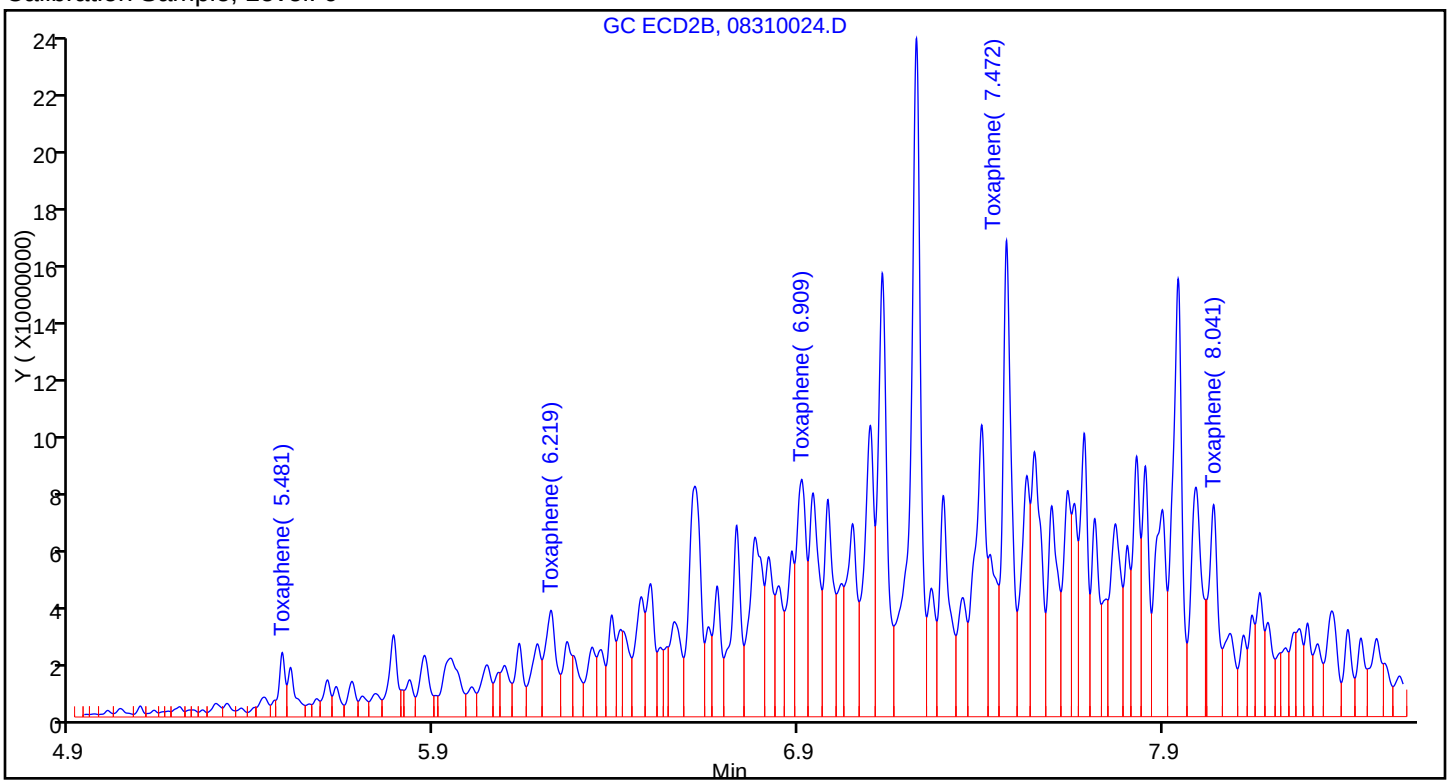
Report Date: 22-Sep-2011 15:26:24 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210052.D

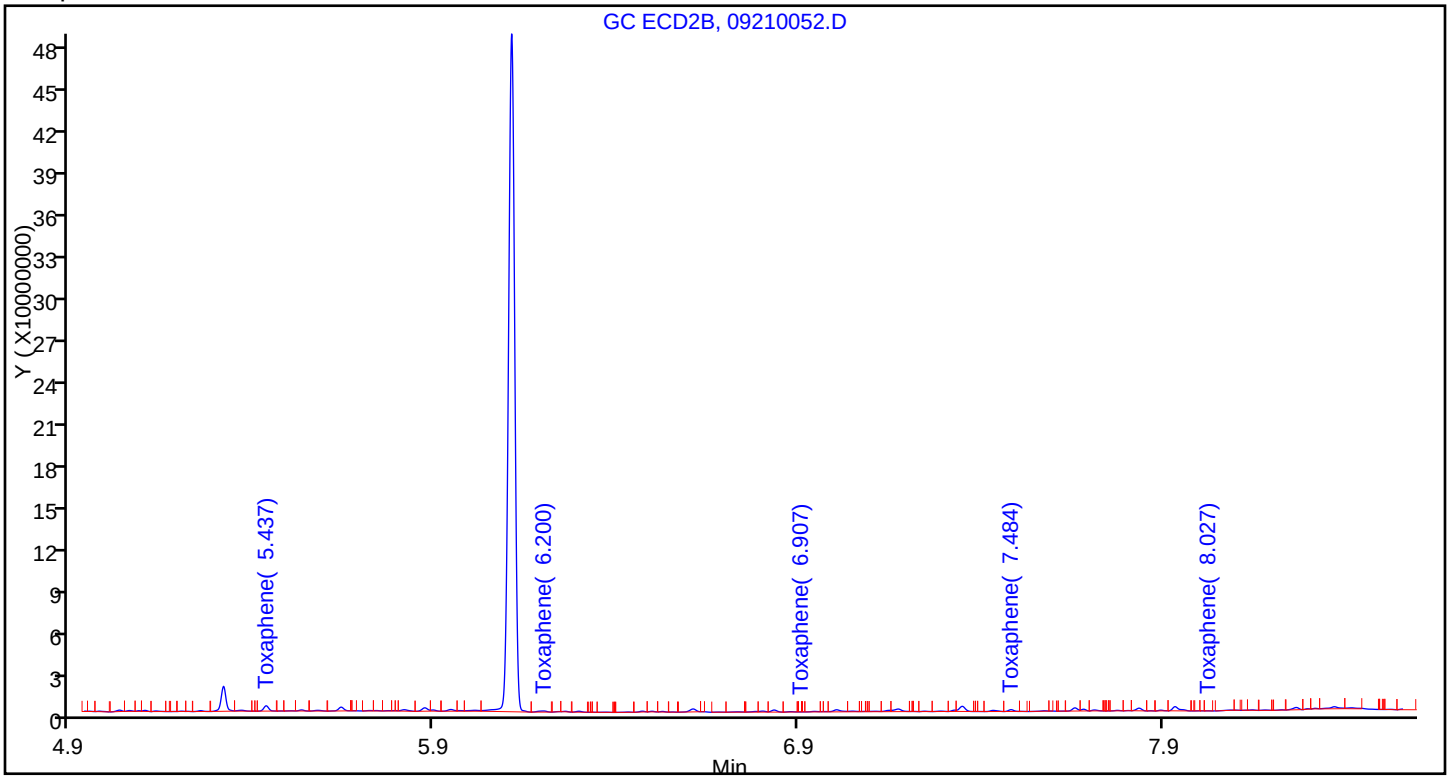
Injection Date:	22-Sep-2011 03:37:54	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0601FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	44
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

20 Toxaphene, Detector: 2, GC ECD2B

Calibration Sample, Level: 6



Sample



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA DL | Lab Sample ID: 280-20042-6 DL

Matrix: Solid | Lab File ID: 09210045.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/22/2011 01:42

Con. Extract Vol.: 10000(uL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
50-29-3	4,4'-DDT	8.3	U Q	24	8.3	7.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62	Q D	70-125
2051-24-3	DCB Decachlorobiphenyl	78	D	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210045.D		
Lims ID:	280-20042-A-6-C	Client ID:	TMCSD0601FA
Inject. Date:	22-Sep-2011 01:42:24	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	280-984734,-6		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	39
Lims Batch ID:	87288	Lims Sample ID:	37
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.849	3.850	-0.001	5118649	1.25			
2	2	3.828	3.828	0.000	1817063	1.52			
						RPD = 19.06			
11 gamma-BHC (Lindane)									
1	-65	4.725	4.715	0.010	364220	-0.1508			7
2	2	4.763	4.760	0.003	66548	-0.6498			7
						RPD = -124.65			
LOD = 0.002000									
15 Heptachlor									
1	100	5.117	5.114	0.003	1563008	-0.1020			7
2	2	5.105	5.114	-0.009	84616	-0.5045			7
						RPD = -132.70			
LOD = 0.002000									
16 Aldrin									
1	-65	5.384	5.376	0.008	50428	-0.3505			7
2	2	5.398	5.389	0.009	977	-0.4301			7
						RPD = -20.39			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									
1	-65	5.551	5.545	0.006	1510	-32.1		100.0	7
1	-65	6.398	6.400	-0.002	5519	-20.8	493.4- 533.4	365.5	
1	-65	6.971	6.957	0.014	36389	-21.8	473.2- 513.2	2409.9	
1	-65	7.408	7.402	0.006	12957	-13.2	1037.7-1077.7	858.1	
1	-65	7.886	7.890	-0.004	525718	27.4	435.6- 475.6	34815.8	
			Average of Peak Amounts =			-12.1			
2	6	5.456	5.457	-0.001	21087	-60.5		100.0	7
2	7	6.198	6.217	-0.019	74574	-44.1	273.5- 333.5	353.6	
2	8	6.903	6.908	-0.005	132	-21.1	555.4- 615.4	0.6	
2	9	7.484	7.471	0.013	170500	-14.8	1046.7-1106.7	808.6	
2	10	8.036	8.042	-0.006	616	1.65	456.6- 516.6	2.9	
			Average of Peak Amounts =			-27.8			
						RPD = -78.54			
LOD = 0.1800									
25 4,4'-DDE									
1	-65	6.321	6.325	-0.004	336270	-0.0792			7
2	2	6.471	6.474	-0.003	115538	-0.5742			7
						RPD = -151.52			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.389	6.389	0.000	2967	-0.9343			7
2	2	6.357	6.355	0.002	116	-1.10			7
						RPD = -16.55			
LOD = 0.002000									
28 Dieldrin									
1	100	6.627	6.633	-0.006	360637	0.1007			7
2	2	6.636	6.635	0.001	41603	-0.2034			7
						RPD = -591.97			
LOD = 0.002000									
30 Endrin									
1	-65	6.868	6.865	0.003	18973	0.005766			
2	2	6.944	6.936	0.008	46934	0.0534			
						RPD = 160.99			
35 4,4'-DDT									
1	-65	7.191	7.198	-0.007	713561	0.0821			
2	2	7.349	7.347	0.002	574899	0.4947			
						RPD = 143.07			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	347	-0.5747			7
2	2	7.982	7.984	-0.002	1223	-1.51			7
						RPD = -89.52			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.886	7.891	-0.005	525718	-0.3564			7
2	2	7.714	7.720	-0.006	154938	-0.4224			7
						RPD = -16.93			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	4909745	1.56			
2	2	9.369	9.370	-0.001	1426652	1.25			
						RPD = 22.08			

QC Flag Legend

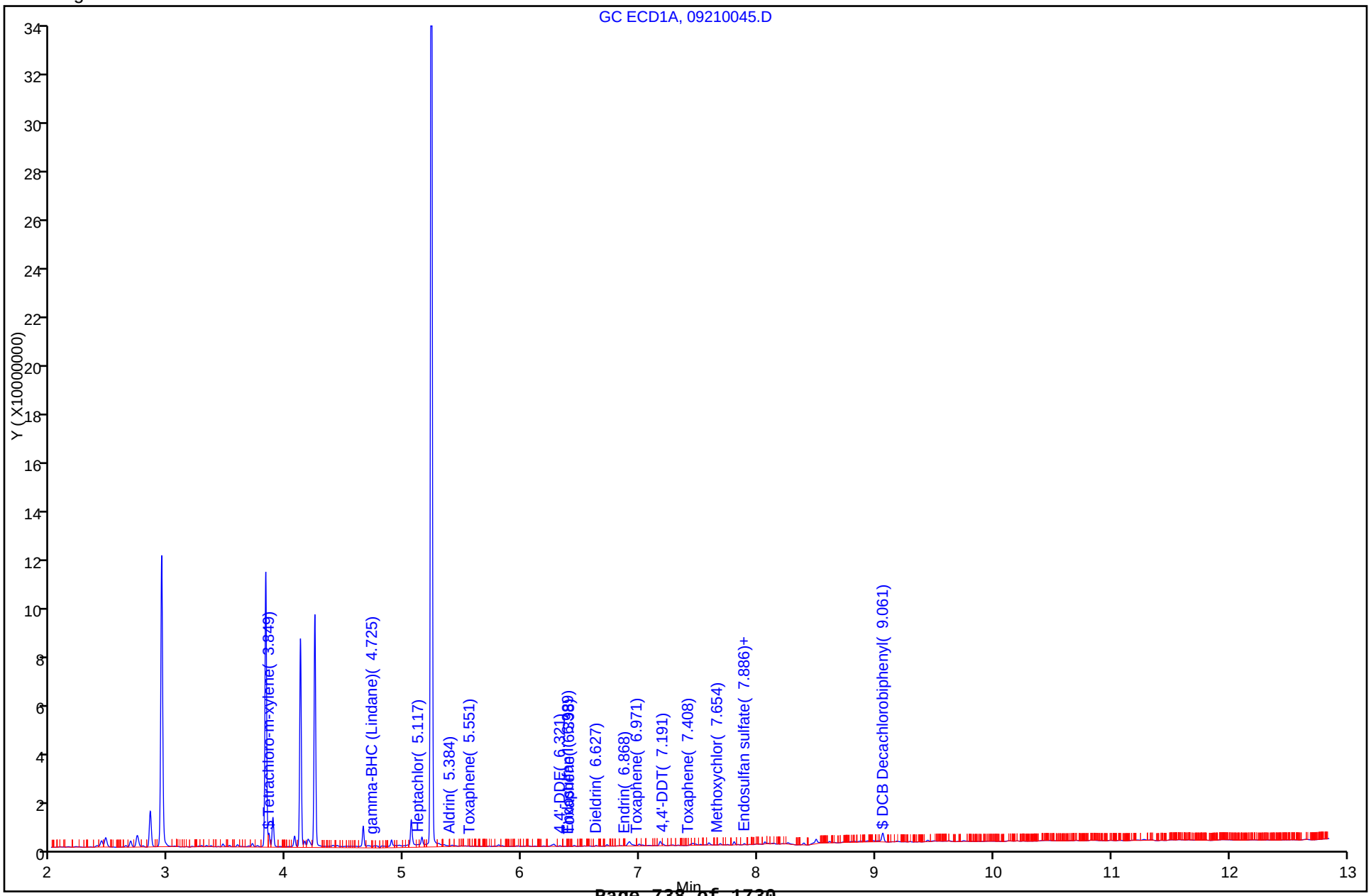
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:08 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210045.D

Injection Date:	22-Sep-2011 01:42:24	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0601FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	37
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA DL | Lab Sample ID: 280-20042-6 DL

Matrix: Solid | Lab File ID: 09210045.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/22/2011 01:42

Con. Extract Vol.: 10000(uL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76	*D*	70-125
2051-24-3	DCB Decachlorobiphenyl	62	*D*	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210045.D		
Lims ID:	280-20042-A-6-C	Client ID:	TMCSD0601FA
Inject. Date:	22-Sep-2011 01:42:24	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	280-984734,-6		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	39
Lims Batch ID:	87288	Lims Sample ID:	37
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.849	3.850	-0.001	5118649	1.25			
2	2	3.828	3.828	0.000	1817063	1.52			
						RPD = 19.06			
11 gamma-BHC (Lindane)									
1	-65	4.725	4.715	0.010	364220	-0.1508			7
2	2	4.763	4.760	0.003	66548	-0.6498			7
						RPD = -124.65			
LOD = 0.002000									
15 Heptachlor									
1	100	5.117	5.114	0.003	1563008	-0.1020			7
2	2	5.105	5.114	-0.009	84616	-0.5045			7
						RPD = -132.70			
LOD = 0.002000									
16 Aldrin									
1	-65	5.384	5.376	0.008	50428	-0.3505			7
2	2	5.398	5.389	0.009	977	-0.4301			7
						RPD = -20.39			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									
1	-65	5.551	5.545	0.006	1510	-32.1		100.0	7
1	-65	6.398	6.400	-0.002	5519	-20.8	493.4- 533.4	365.5	
1	-65	6.971	6.957	0.014	36389	-21.8	473.2- 513.2	2409.9	
1	-65	7.408	7.402	0.006	12957	-13.2	1037.7-1077.7	858.1	
1	-65	7.886	7.890	-0.004	525718	27.4	435.6- 475.6	34815.8	
			Average of Peak Amounts =			-12.1			
2	6	5.456	5.457	-0.001	21087	-60.5		100.0	7
2	7	6.198	6.217	-0.019	74574	-44.1	273.5- 333.5	353.6	
2	8	6.903	6.908	-0.005	132	-21.1	555.4- 615.4	0.6	
2	9	7.484	7.471	0.013	170500	-14.8	1046.7-1106.7	808.6	
2	10	8.036	8.042	-0.006	616	1.65	456.6- 516.6	2.9	
			Average of Peak Amounts =			-27.8			
						RPD = -78.54			
LOD = 0.1800									
25 4,4'-DDE									
1	-65	6.321	6.325	-0.004	336270	-0.0792			7
2	2	6.471	6.474	-0.003	115538	-0.5742			7
						RPD = -151.52			
LOD = 0.002000									
26 Endosulfan I									
1	100	6.389	6.389	0.000	2967	-0.9343			7
2	2	6.357	6.355	0.002	116	-1.10			7
						RPD = -16.55			
LOD = 0.002000									
28 Dieldrin									
1	100	6.627	6.633	-0.006	360637	0.1007			7
2	2	6.636	6.635	0.001	41603	-0.2034			7
						RPD = -591.97			
LOD = 0.002000									
30 Endrin									
1	-65	6.868	6.865	0.003	18973	0.005766			
2	2	6.944	6.936	0.008	46934	0.0534			
						RPD = 160.99			
35 4,4'-DDT									
1	-65	7.191	7.198	-0.007	713561	0.0821			
2	2	7.349	7.347	0.002	574899	0.4947			
						RPD = 143.07			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	347	-0.5747			7
2	2	7.982	7.984	-0.002	1223	-1.51			7
						RPD = -89.52			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.886	7.891	-0.005	525718	-0.3564			7
2	2	7.714	7.720	-0.006	154938	-0.4224			7
						RPD = -16.93			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	4909745	1.56			
2	2	9.369	9.370	-0.001	1426652	1.25			
						RPD = 22.08			

QC Flag Legend

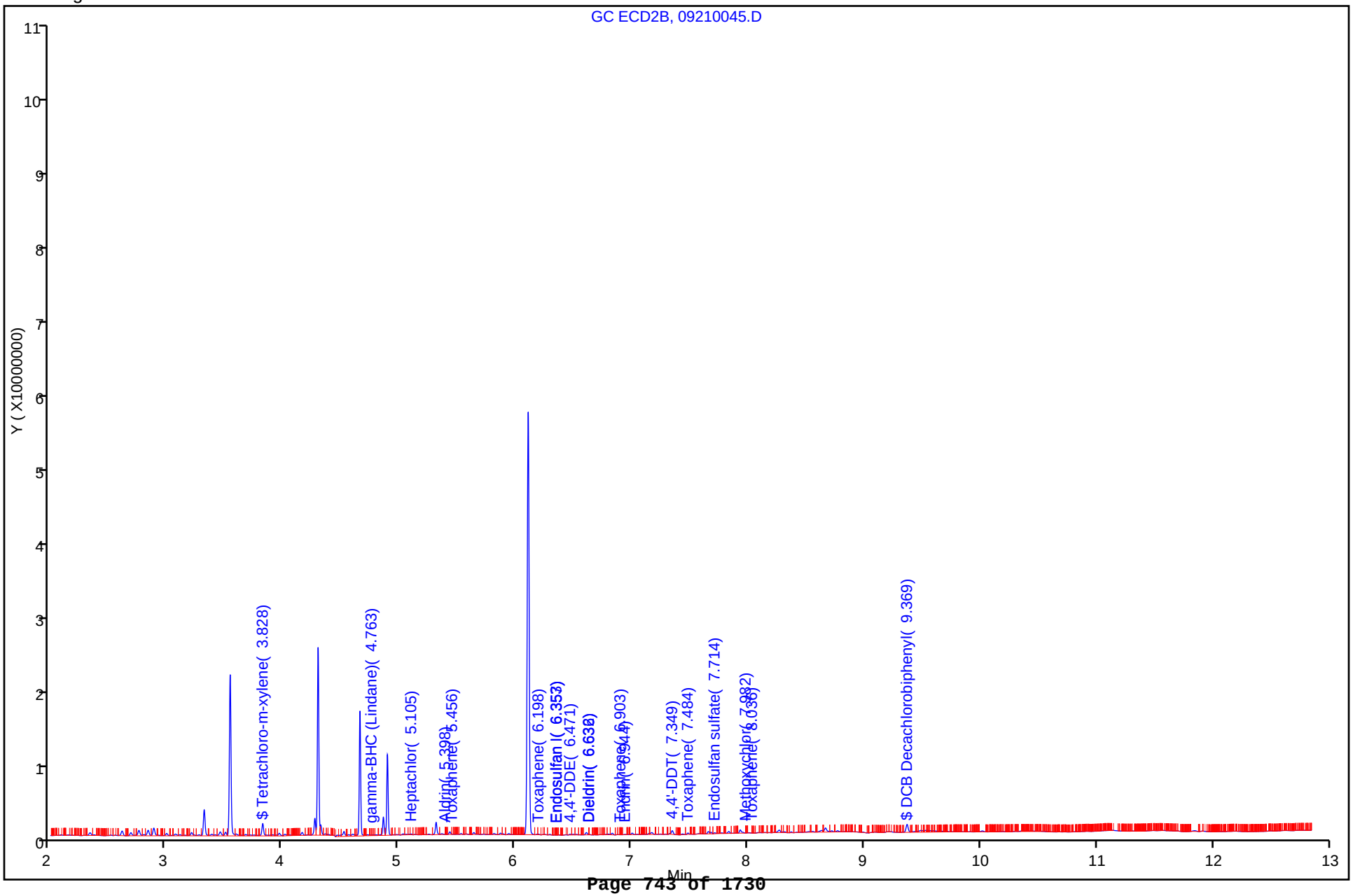
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:26:09 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210045.D

Injection Date:	22-Sep-2011 01:42:24	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0601FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	37
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA | Lab Sample ID: 280-20042-7

Matrix: Solid | Lab File ID: 09210034.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:45

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.5(g) | Date Analyzed: 09/21/2011 22:41

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.82	U Q	2.0	0.82	0.65
72-55-9	4,4'-DDE	0.54	U Q	2.0	0.54	0.28
50-29-3	4,4'-DDT	0.82	U Q	2.4	0.82	0.70
309-00-2	Aldrin	0.54	U Q	2.0	0.54	0.30
319-84-6	alpha-BHC	0.54	U Q	2.0	0.54	0.25
319-85-7	beta-BHC	0.82	U Q	2.0	0.82	0.79
319-86-8	delta-BHC	0.82	U Q	2.0	0.82	0.47
58-89-9	gamma-BHC (Lindane)	0.82	U Q	2.0	0.82	0.55
959-98-8	Endosulfan I	0.54	U Q	2.0	0.54	0.21
33213-65-9	Endosulfan II	0.54	U Q	2.0	0.54	0.34
1031-07-8	Endosulfan sulfate	0.54	U Q	2.0	0.54	0.33
72-20-8	Endrin	0.54	U Q	2.0	0.54	0.36
7421-93-4	Endrin aldehyde	0.54	U Q	2.0	0.54	0.20
53494-70-5	Endrin ketone	0.82	U Q	2.0	0.82	0.58
5103-74-2	gamma-Chlordane	0.82	U Q	2.0	0.82	0.31
72-43-5	Methoxychlor	0.82	U Q	3.9	0.82	0.53
5103-71-9	alpha-Chlordane	0.54	U Q	2.0	0.54	0.38
60-57-1	Dieldrin	0.54	U Q	2.0	0.54	0.25
8001-35-2	Toxaphene	32	U Q	200	32	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	66	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	87		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210034.D		
Lims ID:	280-20042-A-7-E	Client ID:	TMCSD0701FA
Inject. Date:	21-Sep-2011 22:41:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984737,-7		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	28
Lims Batch ID:	87288	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:41:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	45389093	13.2			
2	2	3.829	3.828	0.001	14864736	16.0			
						RPD = 19.21			
12 beta-BHC									
1	100	4.800	4.792	0.008	3533582	0.7405			7
2	2	4.842	4.833	0.009	299047	-1.01			7
						RPD = -1281.64			
LOD = 0.002000									
15 Heptachlor									
1	100	5.116	5.114	0.002	14290701	2.74			
2	2	5.105	5.114	-0.009	2493187	1.66			
						RPD = 49.17			
22 Heptachlor epoxide									
1	-65	5.965	5.970	-0.005	23290938	5.66			7
2	2	5.947	5.943	0.004	374	-0.6675			7
						RPD = 253.43			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.252	6.247	0.005	30400	-0.2935			7
2	2	6.303	6.299	0.004	21064	-0.4753			7
						RPD = -47.29			
LOD = 0.002000									
28 Dieldrin									
1	100	6.625	6.633	-0.008	351422	0.0981			7
2	2	6.636	6.635	0.001	556	-0.2431			7
						RPD = -470.65			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.204	7.198	0.006	3070419	0.7885			
2	2	7.344	7.347	-0.003	389842	0.2709			
						RPD = 97.71			
37 Methoxychlor									
1	-65	7.647	7.654	-0.007	39550	-0.5499			7
2	2	7.988	7.984	0.004	307	-1.51			7
						RPD = -93.12			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.885	7.891	-0.006	421147	-0.3922			7
2	2	7.715	7.720	-0.005	165514	-0.4087			7
						RPD = -4.12			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	38112695	17.3			
2	2	9.370	9.370	0.000	10521017	16.1			
						RPD = 7.35			

QC Flag Legend

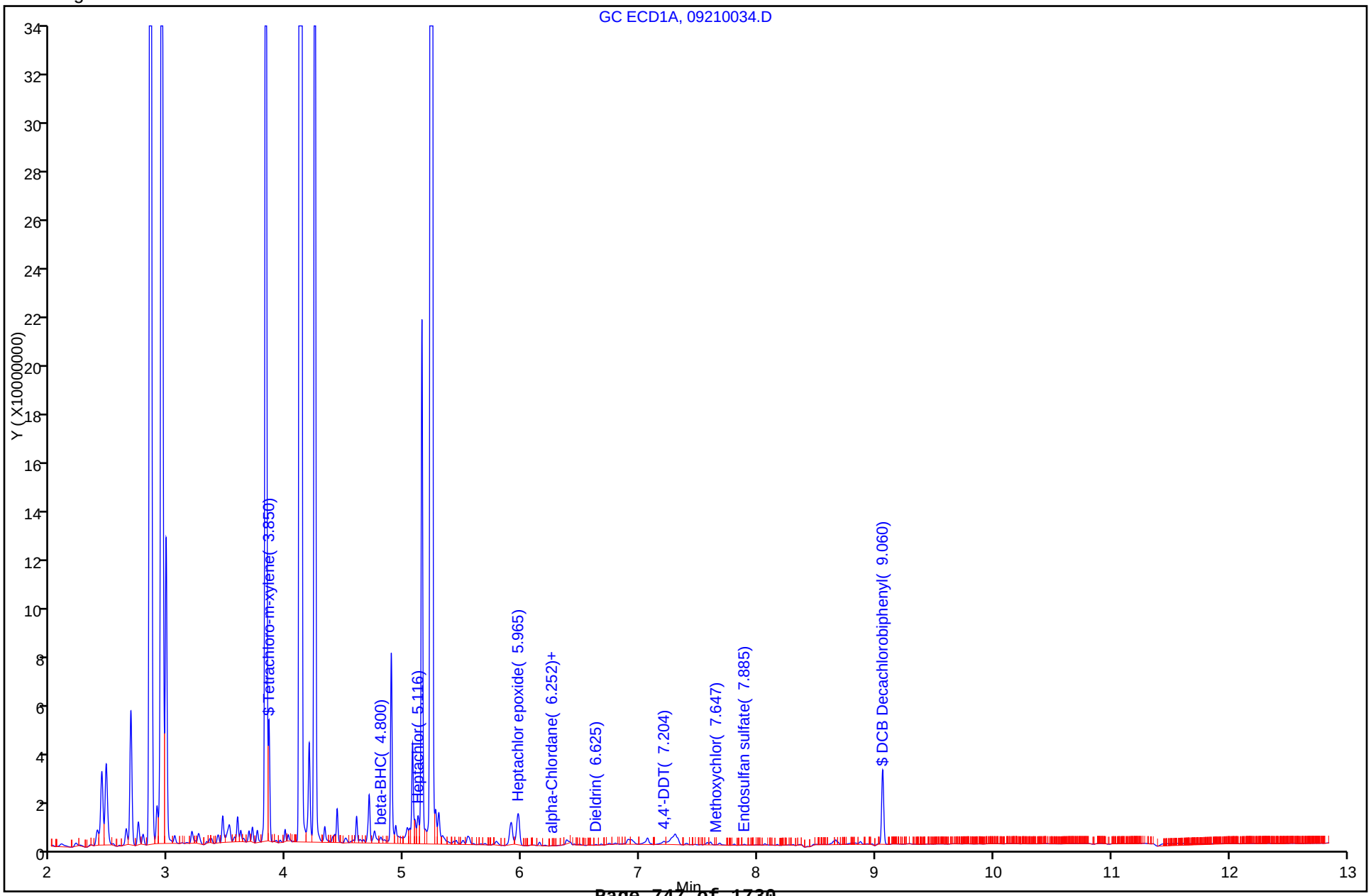
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:26 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210034.D

Injection Date:	21-Sep-2011 22:41:14	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0701FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	26
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA | Lab Sample ID: 280-20042-7

Matrix: Solid | Lab File ID: 09210034.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:45

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.5(g) | Date Analyzed: 09/21/2011 22:41

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 22.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
76-44-8	Heptachlor	0.66	J	2.0	0.54	0.25
1024-57-3	Heptachlor epoxide	0.82	U	2.0	0.82	0.50

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		70-125
2051-24-3	DCB Decachlorobiphenyl	81		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210034.D		
Lims ID:	280-20042-A-7-E	Client ID:	TMCSD0701FA
Inject. Date:	21-Sep-2011 22:41:14	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	280-984737,-7		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	28
Lims Batch ID:	87288	Lims Sample ID:	26
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:41:22

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	45389093	13.2			
2	2	3.829	3.828	0.001	14864736	16.0			
						RPD = 19.21			
12 beta-BHC									
1	100	4.800	4.792	0.008	3533582	0.7405			7
2	2	4.842	4.833	0.009	299047	-1.01			7
						RPD = -1281.64			
LOD = 0.002000									
15 Heptachlor									
1	100	5.116	5.114	0.002	14290701	2.74			
2	2	5.105	5.114	-0.009	2493187	1.66			
						RPD = 49.17			
22 Heptachlor epoxide									
1	-65	5.965	5.970	-0.005	23290938	5.66			7
2	2	5.947	5.943	0.004	374	-0.6675			7
						RPD = 253.43			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.252	6.247	0.005	30400	-0.2935			7
2	2	6.303	6.299	0.004	21064	-0.4753			7
						RPD = -47.29			
LOD = 0.002000									
28 Dieldrin									
1	100	6.625	6.633	-0.008	351422	0.0981			7
2	2	6.636	6.635	0.001	556	-0.2431			7
						RPD = -470.65			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.204	7.198	0.006	3070419	0.7885			
2	2	7.344	7.347	-0.003	389842	0.2709			
						RPD = 97.71			
37 Methoxychlor									
1	-65	7.647	7.654	-0.007	39550	-0.5499			7
2	2	7.988	7.984	0.004	307	-1.51			7
						RPD = -93.12			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.885	7.891	-0.006	421147	-0.3922			7
2	2	7.715	7.720	-0.005	165514	-0.4087			7
						RPD = -4.12			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	38112695	17.3			
2	2	9.370	9.370	0.000	10521017	16.1			
						RPD = 7.35			

QC Flag Legend

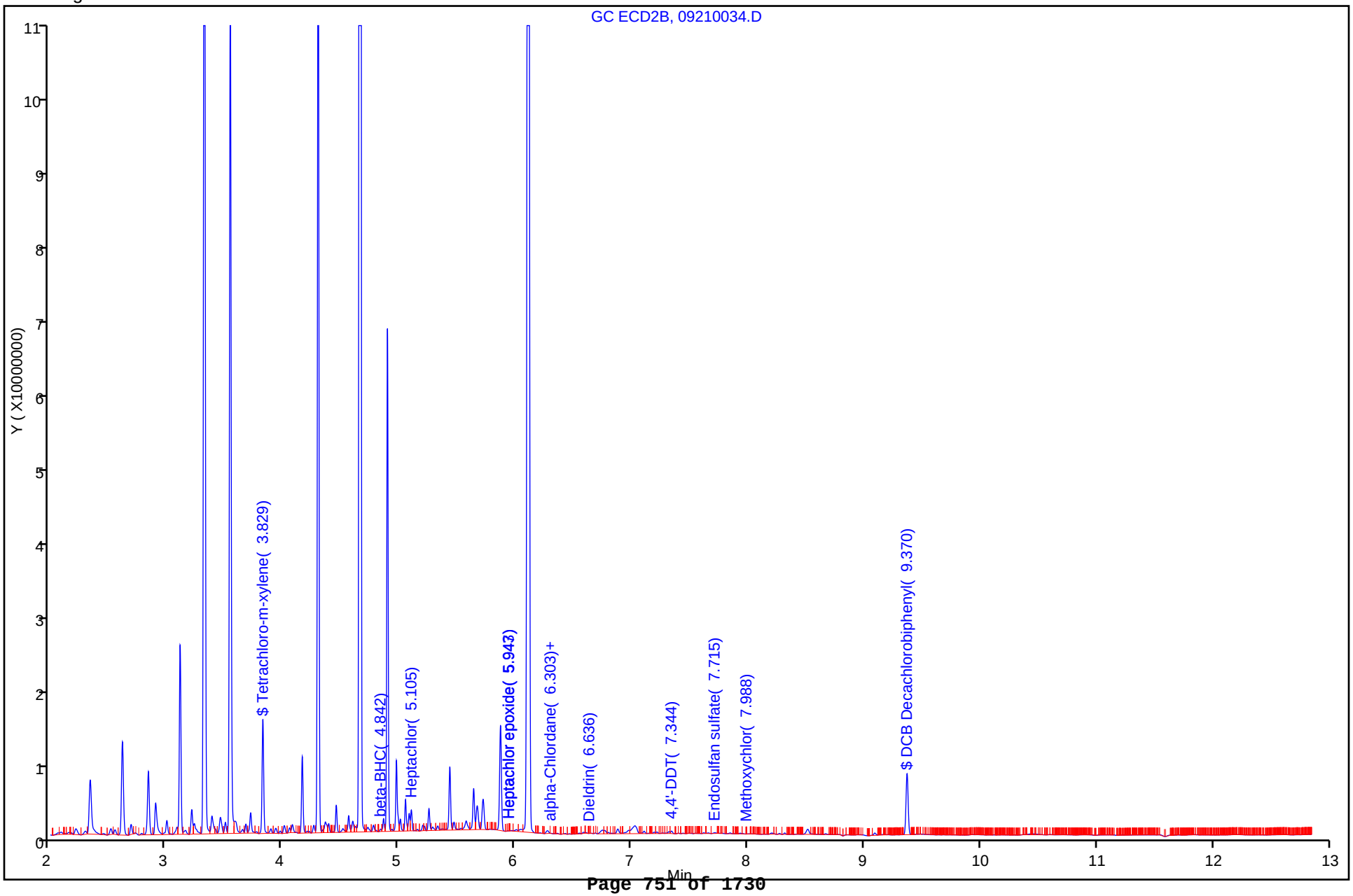
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:27 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210034.D

Injection Date:	21-Sep-2011 22:41:14	Limit Group:	GCSV - 8081A
Client ID:	TMCSD0701FA	Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	26
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7011

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Hexachlorobenzene	4.258	4.259	4.259	4.259	4.259	4.259					4.249 - 4.269	4.259
alpha-BHC	4.427	4.427	4.428	4.428	4.428	4.428					4.418 - 4.438	4.428
gamma-BHC (Lindane)	4.715	4.716	4.716	4.716	4.716	4.716					4.706 - 4.726	4.716
beta-BHC	4.792	4.792	4.793	4.793	4.792	4.793					4.783 - 4.803	4.793
delta-BHC	4.939	4.940	4.940	4.941	4.940	4.941					4.931 - 4.951	4.940
Heptachlor	5.113	5.114	5.114	5.115	5.114	5.115					5.105 - 5.125	5.114
Aldrin	5.376	5.377	5.376	5.377	5.377	5.377					5.367 - 5.387	5.377
Isodrin	5.692	5.692	5.692	5.693	5.692	5.693					5.683 - 5.703	5.692
Heptachlor epoxide	5.971	5.972	5.971	5.972	5.972	5.971					5.962 - 5.982	5.972
gamma-Chlordane	6.107	6.107	6.107	6.108	6.107	6.108					6.098 - 6.118	6.107
alpha-Chlordane	6.247	6.248	6.248	6.249	6.248	6.249					6.239 - 6.259	6.248
4,4'-DDE	6.325	6.326	6.326	6.326	6.326	6.326					6.316 - 6.336	6.326
Endosulfan I	6.389	6.390	6.390	6.391	6.390	6.391					6.381 - 6.401	6.390
Dieldrin	6.635	6.635	6.636	6.636	6.634	6.634					6.626 - 6.646	6.635
Endrin	6.865	6.866	6.866	6.866	6.866	6.866					6.856 - 6.876	6.866
4,4'-DDD	6.925	6.926	6.926	6.926	6.926	6.926					6.916 - 6.936	6.926
Endosulfan II	7.084	7.085	7.086	7.085	7.085	7.086					7.075 - 7.095	7.085
4,4'-DDT	7.197	7.198	7.199	7.198	7.198	7.199					7.188 - 7.208	7.198
Endrin aldehyde	7.485	7.486	7.486	7.486	7.485	7.486					7.476 - 7.496	7.486
Methoxychlor	7.653	7.654	7.654	7.654	7.654	7.654					7.644 - 7.664	7.654
Mirex	7.798	7.799	7.798	7.799	7.800	7.801					7.789 - 7.809	7.799
Endosulfan sulfate	7.892	7.892	7.891	7.892	7.892	7.891					7.882 - 7.902	7.892
Endrin ketone	8.149	8.150	8.149	8.150	8.150	8.150					8.140 - 8.160	8.150
Tetrachloro-m-xylene	3.851	3.852	3.852	3.851	3.852	3.851					3.841 - 3.861	3.852
DCB Decachlorobiphenyl	9.059	9.061	9.061	9.061	9.060	9.061					9.051 - 9.071	9.061

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7011

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.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 6	LVL 3	LVL 4		B	M1	M2								
Hexachlorobenzene	3920763 3594292	3780700 3580632	3591212	3623425	Lin2	1440731.51	3577784.63							1.0000		0.9900
alpha-BHC	5200109 5421008	5370775 5397211	5330201	5403680	Lin2	-813097.97	5412554.39							1.0000		0.9900
gamma-BHC (Lindane)	5066183 4815922	4833820 4789928	4769808	4834175	Lin2	1084093.10	4773343.86							1.0000		0.9900
beta-BHC	2417938 1901693	2019378 1888163	1938448	1918685	Lin2	2157609.88	1858223.48							1.0000		0.9900
delta-BHC	4767709 4851095	4771145 4831947	4728227	4842051	Lin2	-262691.42	4817667.93							1.0000		0.9900
Heptachlor	4910158 4448965	4825446 4324607	4644091	4565478	Lin2	2019561.48	4473933.38							0.9990		0.9900
Aldrin	4677898 4320722	4527097 4241141	4401176	4390782	Lin2	1562302.85	4313636.37							1.0000		0.9900
Isodrin	3235732 3618214	3397251 3601430	3147505	3625331	Lin2	-1340680.6	3534403.85							0.9970		0.9900
Heptachlor epoxide	4158645 3816874	4139355 3713464	3962770	3961645	Lin2	1469363.76	3852671.30							0.9990		0.9900
gamma-Chlordane	4286196 4178939	4327662 4141936	4188820	4230185	Lin2	517621.265	4188239.26							1.0000		0.9900
alpha-Chlordane	4219704 3973252	4155421 3930320	3970510	3971248	Lin2	1189890.99	3950805.78							1.0000		0.9900
4,4'-DDE	4128104 3991586	4110961 3938210	4015638	4025668	Lin2	652049.400	3987935.53							1.0000		0.9900
Endosulfan I	4207377 3501885	4009930 3400079	3742767	3435812	Lin2	3255559.13	3481184.65							0.9980		0.9900
Dieldrin	3523693 3717994	3580976 3743529	3376513	3550402	Ave		3582184.64				3.8		20.0			
Endrin	3405918 3204149	3402703 3131501	3319329	3280496	Ave		3290682.87				3.3		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 EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7011

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 6	LVL 3	LVL 4		B	M1	M2								
4,4'-DDD	4055751 3653148	3665822 4120322	3514829	3499856	Qua	9497237.77	2547779.64	14426.2607						0.9990		0.9900
Endosulfan II	3446360 3219744	3427922 3128332	3314037	3226581	Lin2	1112255.58	3213499.78							0.9990		0.9900
4,4'-DDT	3465057 3384888	3353698 3358915	3268060	3378164	Lin2	439670.304	3336376.45							1.0000		0.9900
Endrin aldehyde	2268739 2548454	2352031 2524959	2129169	2642353	Lin1	-1919468.7	2549579.13							0.9970		0.9900
Methoxychlor	1790260 1586289	1739928 1557060	1617832	1618667	Lin2	911668.766	1585829.66							0.9990		0.9900
Mirex	2142610 2091871	1926604 2220038	1674560	1848404	Qua	2655525.25	1445679.29	7602.15764						0.9990		0.9900
Endosulfan sulfate	3294535 2915656	3146281 2954502	2950267	2955293	Lin2	1567566.82	2922875.82							1.0000		0.9900
Endrin ketone	2967876 3236608	2877183 3203328	3177646	3264600	Ave		3121206.80				5.1		20.0			
Tetrachloro-m-xylene	3555557 3357908	3537598 3327280	3413116	3374837	Lin2	905484.100	3362319.89							1.0000		0.9900
DCB Decachlorobiphenyl	2487332 2090051	2335886 2078931	2156917	2183276	Lin2	1635761.55	2103927.15							0.9990		0.9900

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 Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7011

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobenzene	Lin2	15683053 358063161	37807003	89780299	181171262	269571931	4.00 100	10.0	25.0	50.0	75.0
alpha-BHC	Lin2	20800435 539721068	53707752	133255033	270184020	406575564	4.00 100	10.0	25.0	50.0	75.0
gamma-BHC (Lindane)	Lin2	20264730 478992815	48338204	119245209	241708750	361194183	4.00 100	10.0	25.0	50.0	75.0
beta-BHC	Lin2	9671752 188816331	20193778	48461208	95934243	142626967	4.00 100	10.0	25.0	50.0	75.0
delta-BHC	Lin2	19070836 483194708	47711454	118205666	242102560	363832147	4.00 100	10.0	25.0	50.0	75.0
Heptachlor	Lin2	19640630 432460658	48254462	116102277	228273875	333672354	4.00 100	10.0	25.0	50.0	75.0
Aldrin	Lin2	18711593 424114071	45270968	110029401	219539108	324054163	4.00 100	10.0	25.0	50.0	75.0
Isodrin	Lin2	12942926 360143019	33972506	78687615	181266543	271366034	4.00 100	10.0	25.0	50.0	75.0
Heptachlor epoxide	Lin2	16634579 371346351	41393548	99069249	198082241	286265570	4.00 100	10.0	25.0	50.0	75.0
gamma-Chlordane	Lin2	17144784 414193596	43276620	104720500	211509245	313420444	4.00 100	10.0	25.0	50.0	75.0
alpha-Chlordane	Lin2	16878815 393032038	41554207	99262739	198562380	297993907	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDE	Lin2	16512415 393821010	41109611	100390960	201283410	299368976	4.00 100	10.0	25.0	50.0	75.0
Endosulfan I	Lin2	16829509 340007892	40099301	93569171	171790582	262641406	4.00 100	10.0	25.0	50.0	75.0
Dieldrin	Ave	14094771 374352927	35809763	84412837	177520097	278849557	4.00 100	10.0	25.0	50.0	75.0
Endrin	Ave	13623672 313150123	34027032	82983235	164024800	240311206	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDD	Qua	16223005 412032230	36658216	87870722	174992814	273986100	4.00 100	10.0	25.0	50.0	75.0

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7011

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Endosulfan II	Lin2	13785440 312833203	34279224	82850922	161329032	241480809	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDT	Lin2	13860227 335891532	33536984	81701493	168908213	253866602	4.00 100	10.0	25.0	50.0	75.0
Endrin aldehyde	Lin1	9074955 252495867	23520313	53229227	132117648	191134068	4.00 100	10.0	25.0	50.0	75.0
Methoxychlor	Lin2	7161038 155705962	17399283	40445791	80933341	118971641	4.00 100	10.0	25.0	50.0	75.0
Mirex	Qua	8570438 222003788	19266040	41864012	92420220	156890292	4.00 100	10.0	25.0	50.0	75.0
Endosulfan sulfate	Lin2	13178138 295450191	31462806	73756687	147764672	218674195	4.00 100	10.0	25.0	50.0	75.0
Endrin ketone	Ave	11871505 320332795	28771826	79441151	163229987	242745615	4.00 100	10.0	25.0	50.0	75.0
Tetrachloro-m-xylene	Lin2	14222228 332727951	35375984	85327907	168741833	251843096	4.00 100	10.0	25.0	50.0	75.0
DCB Decachlorobiphenyl	Lin2	9949326 207893110	23358864	53922931	109163808	156753788	4.00 100	10.0	25.0	50.0	75.0

Curve Type Legend:

Ave = Average
Lin1 = Linear 1/conc
Lin2 = Linear 1/conc^2
Qua = Quadratic

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310017.D		
Lims ID:	STD6 AB	Client ID:	
Inject. Date:	31-Aug-2011 16:37:55	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	IC-818976 AB L6		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	11
Lims Batch ID:	83947	Lims Sample ID:	9
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:19	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						390.2			
2						290.7			
						RPD = 29.22			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	332727951	98.7			
2	2	3.830	3.830	0.000	88534652	98.0			
						RPD = 0.65			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	358063161	99.7			
2	2	4.309	4.308	0.001	92437361	97.4			
						RPD = 2.33			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	539721068	99.9			
2	2	4.451	4.451	0.000	131224500	98.5			
						RPD = 1.39			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	478992815	100.1			
2	2	4.762	4.763	-0.001	116304494	97.9			
						RPD = 2.22			
12 beta-BHC									
1	100	4.793	4.793	0.000	188816331	100.5			
2	2	4.835	4.835	0.000	48844138	98.1			
						RPD = 2.40			
13 delta-BHC									
1	100	4.941	4.941	0.000	483194708	100.4			
2	2	5.068	5.068	0.000	117026302	98.2			
						RPD = 2.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.115	5.115	0.000	432460658	96.2			
2	2	5.116	5.116	0.000	108144209	96.6			
						RPD = 0.42			
16 Aldrin									
1	-65	5.377	5.377	0.000	424114071	98.0			
2	2	5.391	5.391	0.000	109354676	97.2			
						RPD = 0.74			
18 Isodrin									
1	100	5.693	5.693	0.000	360143019	102.3			
2	2	5.761	5.762	-0.001	92369760	99.4			
						RPD = 2.86			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	371346351	96.0			
2	2	5.946	5.946	0.000	98249705	96.1			
						RPD = 0.15			
23 gamma-Chlordane									
1	-65	6.108	6.108	0.000	414193596	98.8			
2	2	6.149	6.149	0.000	105184922	97.1			
						RPD = 1.66			
24 alpha-Chlordane									
1	-65	6.249	6.249	0.000	393032038	99.2			
2	2	6.301	6.301	0.000	100856315	96.9			
						RPD = 2.30			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	393821010	98.6			
2	2	6.475	6.475	0.000	102830529	96.9			
						RPD = 1.76			
26 Endosulfan I									
1	100	6.391	6.391	0.000	340007892	96.7			
2	2	6.358	6.358	0.000	91688693	95.4			
						RPD = 1.41			
28 Dieldrin									
1	100	6.634	6.636	-0.002	374352927	104.5			
2	2	6.636	6.637	-0.001	100902149	97.3			
						RPD = 7.14			
30 Endrin									
1	-65	6.866	6.866	0.000	313150123	95.2			
2	2	6.938	6.937	0.001	83401592	94.8			
						RPD = 0.36			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	412032230	100.6			
2	2	7.049	7.049	0.000	107151619	100.8			
						RPD = 0.14			
34 Endosulfan II									
1	100	7.086	7.085	0.001	312833203	97.0			
2	2	7.143	7.143	0.000	86325117	98.4			
						RPD = 1.42			

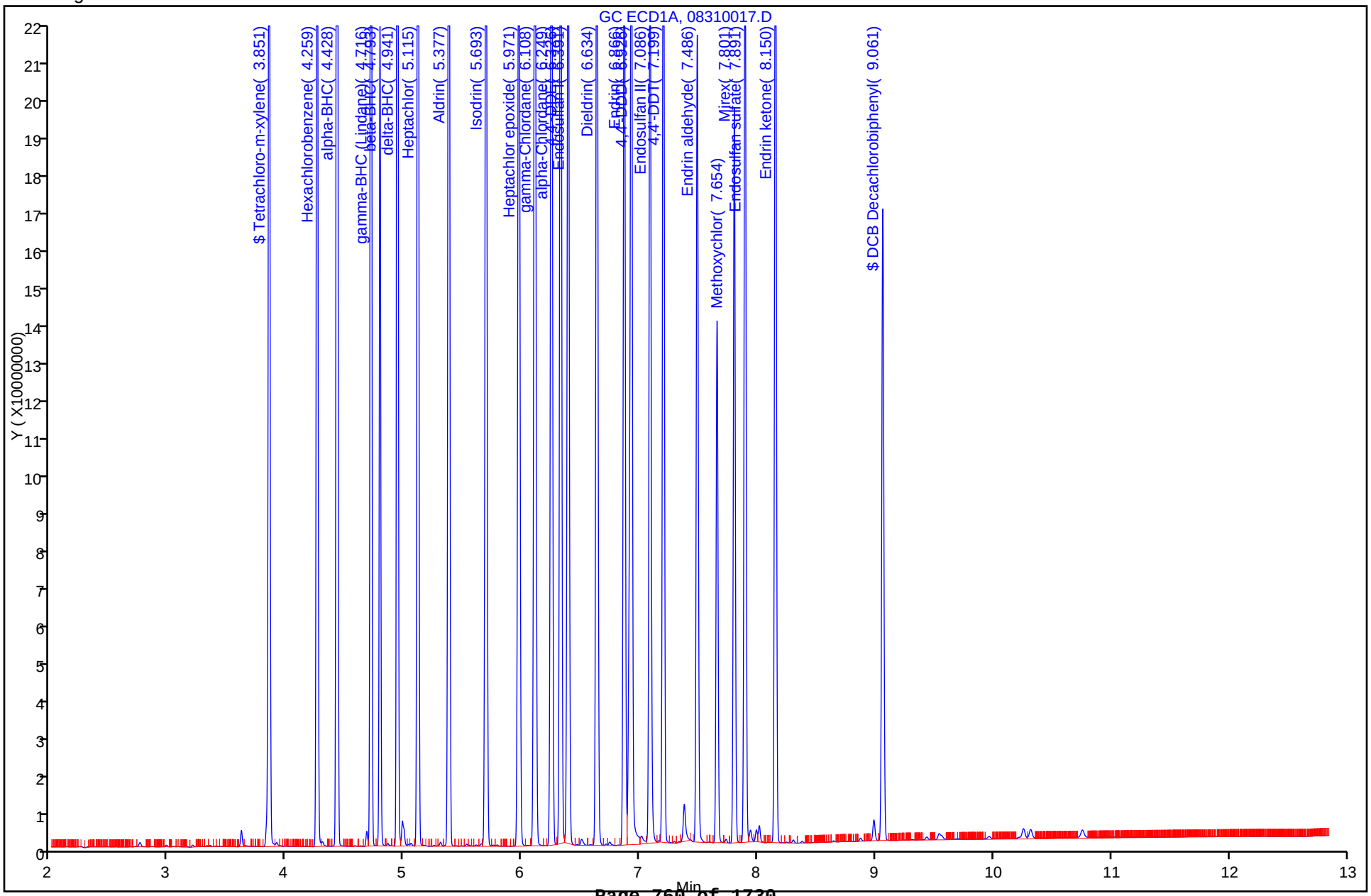
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.199	7.198	0.001	335891532	100.5			
2	2	7.349	7.349	0.000	83231852	100.5			
						RPD = 0.08			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	252495867	99.8			
2	2	7.465	7.465	0.000	70717847	97.9			
						RPD = 1.89			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	155705962	97.6			
2	2	7.986	7.986	0.000	39613775	98.5			
						RPD = 0.88			
38 Mirex									
1	100	7.801	7.799	0.002	222003788	99.6			
2	2	8.175	8.176	-0.001	59619899	99.2			
						RPD = 0.43			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	295450191	100.5			
2	2	7.722	7.722	0.000	77036777	98.9			
						RPD = 1.64			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	320332795	102.6			
2	2	8.209	8.209	0.000	89143910	98.7			
						RPD = 3.86			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	207893110	98.0			
2	2	9.371	9.371	0.000	61727267	99.8			
						RPD = 1.77			

Report Date: 01-Sep-2011 13:52:20 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310017.D

Injection Date:	31-Aug-2011 16:37:55	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	9
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310018.D		
Lims ID:	STD5 AB	Client ID:	
Inject. Date:	31-Aug-2011 16:54:27	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	IC-818984 AB L5		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	12
Lims Batch ID:	83947	Lims Sample ID:	10
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:23	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						297.9			
2						221.0			
						RPD = 29.63			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	251843096	74.6			
2	2	3.830	3.830	0.000	67471819	74.6			
						RPD = 0.04			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	269571931	74.9			
2	2	4.309	4.308	0.001	70561088	74.1			
						RPD = 1.16			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	406575564	75.3			
2	2	4.452	4.451	0.001	99659726	74.6			
						RPD = 0.85			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	361194183	75.4			
2	2	4.762	4.763	-0.001	88531822	74.4			
						RPD = 1.43			
12 beta-BHC									
1	100	4.792	4.793	-0.001	142626967	75.6			
2	2	4.835	4.835	0.000	37199586	74.3			
						RPD = 1.72			
13 delta-BHC									
1	100	4.940	4.941	-0.001	363832147	75.6			
2	2	5.068	5.068	0.000	88830303	74.5			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	333672354	74.1			
2	2	5.116	5.116	0.000	82846635	73.9			
						RPD = 0.34			
16 Aldrin									
1	-65	5.377	5.377	0.000	324054163	74.8			
2	2	5.392	5.391	0.001	83529772	74.2			
						RPD = 0.79			
18 Isodrin									
1	100	5.692	5.693	-0.001	271366034	77.2			
2	2	5.762	5.762	0.000	66696272	76.7			
						RPD = 0.62			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	286265570	73.9			
2	2	5.947	5.946	0.001	75459444	73.7			
						RPD = 0.32			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	313420444	74.7			
2	2	6.149	6.149	0.000	79877820	73.7			
						RPD = 1.39			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	297993907	75.1			
2	2	6.302	6.301	0.001	76545876	73.4			
						RPD = 2.26			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	299368976	74.9			
2	2	6.476	6.475	0.001	78470549	73.8			
						RPD = 1.54			
26 Endosulfan I									
1	100	6.390	6.391	-0.001	262641406	74.5			
2	2	6.359	6.358	0.001	70276886	72.8			
						RPD = 2.26			
28 Dieldrin									
1	100	6.634	6.636	-0.002	278849557	77.8			
2	2	6.637	6.637	0.000	77167101	74.4			
						RPD = 4.58			
30 Endrin									
1	-65	6.866	6.866	0.000	240311206	73.0			
2	2	6.939	6.937	0.002	63296998	72.0			
						RPD = 1.47			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	273986100	73.3			
2	2	7.050	7.049	0.001	70822009	72.8			
						RPD = 0.68			
34 Endosulfan II									
1	100	7.085	7.085	0.000	241480809	74.8			
2	2	7.143	7.143	0.000	64717985	73.6			
						RPD = 1.62			

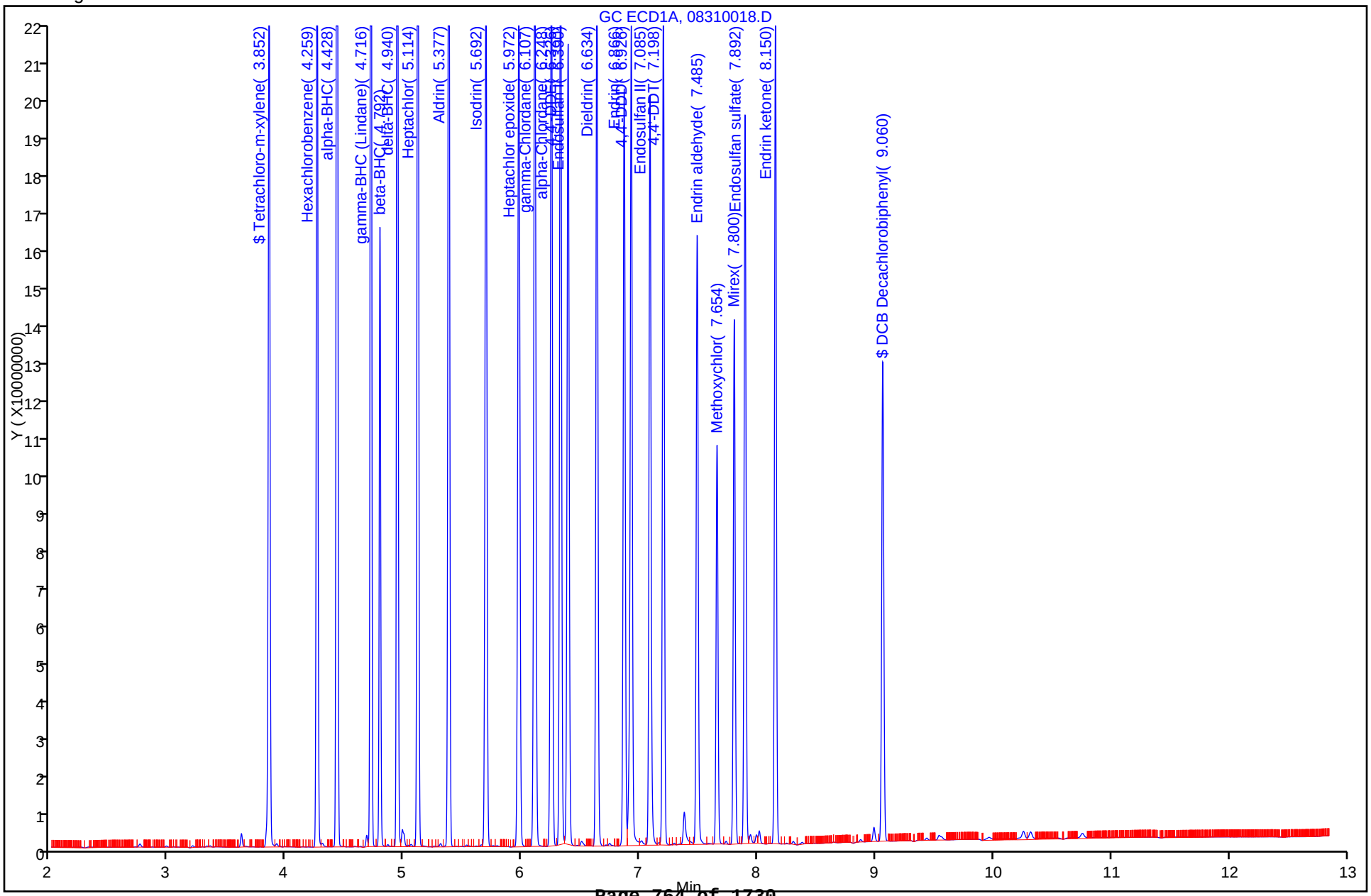
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	253866602	76.0			
2	2	7.349	7.349	0.000	62129490	74.9			
						RPD = 1.35			
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	191134068	75.7			
2	2	7.465	7.465	0.000	53980034	74.6			
						RPD = 1.46			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	118971641	74.4			
2	2	7.986	7.986	0.000	29995133	74.2			
						RPD = 0.34			
38 Mirex									
1	100	7.800	7.799	0.001	156890292	76.2			
2	2	8.175	8.176	-0.001	45073770	74.7			
						RPD = 1.92			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	218674195	74.3			
2	2	7.723	7.722	0.001	58090355	74.4			
						RPD = 0.21			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	242745615	77.8			
2	2	8.209	8.209	0.000	67430814	74.6			
						RPD = 4.23			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.061	-0.001	156753788	73.7			
2	2	9.372	9.371	0.001	46253253	74.5			
						RPD = 1.04			

Report Date: 01-Sep-2011 13:52:23 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310018.D

Injection Date:	31-Aug-2011 16:54:27	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	10
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310019.D		
Lims ID:	STD4 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:10:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	ICRT-818987 ABL4		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	13
Lims Batch ID:	83947	Lims Sample ID:	11
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:26	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		
First Level Reviewer: reamb		Date:	01-Sep-2011 09:11:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						201.9			
2						150.9			
						RPD = 28.93			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	168741833	49.9			
2	2	3.830	3.830	0.000	45673391	50.3			
						RPD = 0.84			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	181171262	50.2			
2	2	4.308	4.308	0.000	47963623	50.0			
						RPD = 0.46			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	270184020	50.1			
2	2	4.451	4.451	0.000	67348130	50.2			
						RPD = 0.29			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	241708750	50.4			
2	2	4.763	4.763	0.000	60070743	50.2			
						RPD = 0.35			
12 beta-BHC									
1	100	4.793	4.793	0.000	95934243	50.5			
2	2	4.835	4.835	0.000	25137644	49.7			
						RPD = 1.56			
13 delta-BHC									
1	100	4.941	4.941	0.000	242102560	50.3			
2	2	5.068	5.068	0.000	59467653	49.8			
						RPD = 1.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.115	5.115	0.000	228273875	50.6			
2	2	5.116	5.116	0.000	56591193	50.3			
						RPD = 0.57			
16 Aldrin									
1	-65	5.377	5.377	0.000	219539108	50.5			
2	2	5.391	5.391	0.000	56708240	50.2			
						RPD = 0.63			
18 Isodrin									
1	100	5.693	5.693	0.000	181266543	51.7			
2	2	5.762	5.762	0.000	39099727	49.0			
						RPD = 5.30			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	198082241	51.0			
2	2	5.946	5.946	0.000	52083901	50.7			
						RPD = 0.74			
23 gamma-Chlordane									
1	-65	6.108	6.108	0.000	211509245	50.4			
2	2	6.149	6.149	0.000	54737555	50.4			
						RPD = 0.03			
24 alpha-Chlordane									
1	-65	6.249	6.249	0.000	198562380	50.0			
2	2	6.301	6.301	0.000	52544415	50.3			
						RPD = 0.60			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	201283410	50.3			
2	2	6.475	6.475	0.000	53699015	50.3			
						RPD = 0.10			
26 Endosulfan I									
1	100	6.391	6.391	0.000	171790582	48.4			
2	2	6.358	6.358	0.000	49383231	50.9			
						RPD = 4.93			
28 Dieldrin									
1	100	6.636	6.636	0.000	177520097	49.6			
2	2	6.637	6.637	0.000	53027936	51.0			
						RPD = 2.91			
30 Endrin									
1	-65	6.866	6.866	0.000	164024800	49.8			
2	2	6.937	6.937	0.000	43620977	49.6			
						RPD = 0.50			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	174992814	50.5			
2	2	7.049	7.049	0.000	46645783	51.1			
						RPD = 1.24			
34 Endosulfan II									
1	100	7.085	7.085	0.000	161329032	49.9			
2	2	7.143	7.143	0.000	44476875	50.4			
						RPD = 1.03			

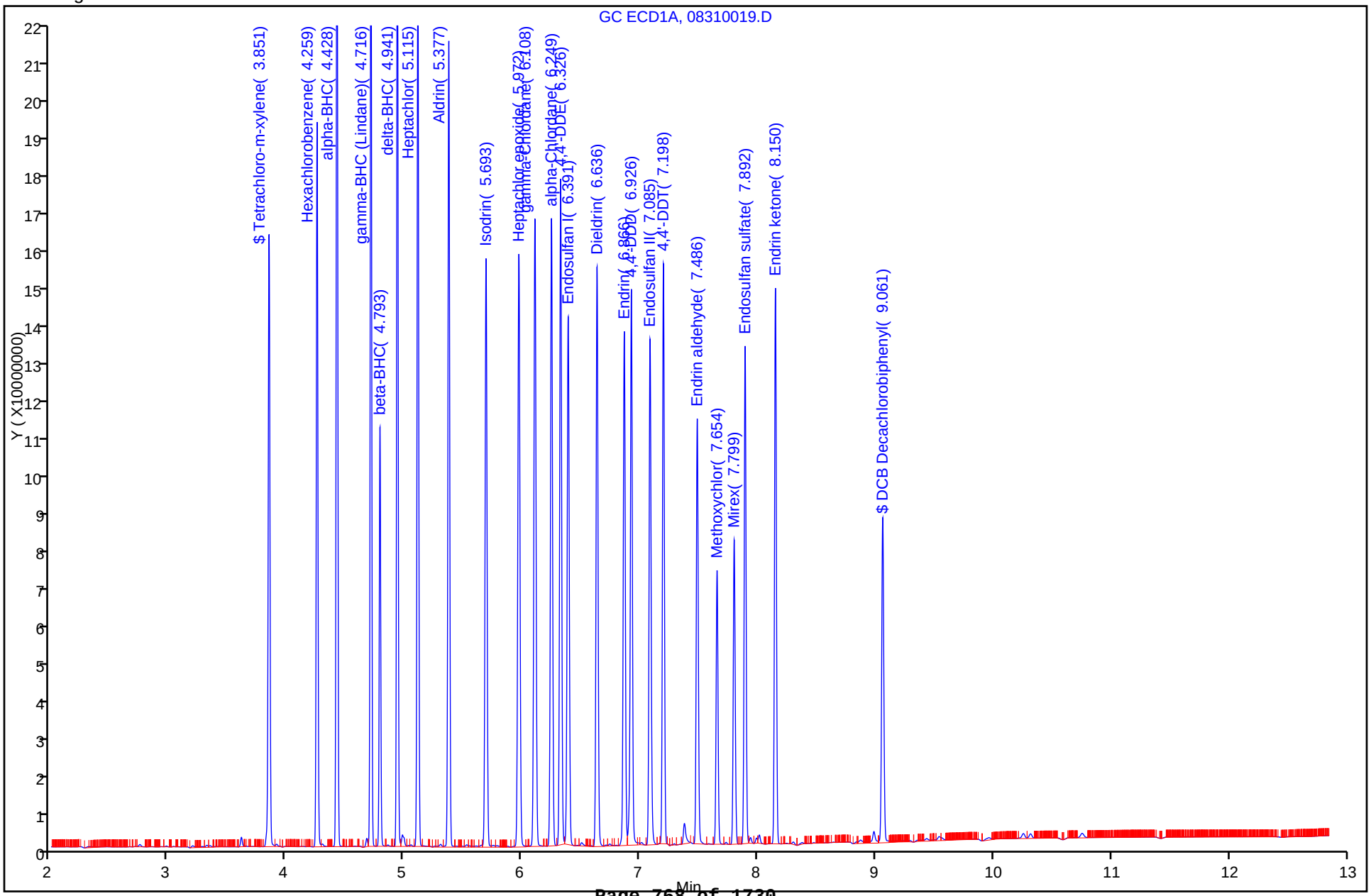
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	168908213	50.5			
2	2	7.349	7.349	0.000	42282700	50.9			
						RPD = 0.87			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	132117648	52.6			
2	2	7.465	7.465	0.000	37028122	51.0			
						RPD = 2.97			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	80933341	50.5			
2	2	7.986	7.986	0.000	20689980	50.7			
						RPD = 0.50			
38 Mirex									
1	100	7.799	7.799	0.000	92420220	49.3			
2	2	8.176	8.176	0.000	31007063	51.1			
						RPD = 3.57			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	147764672	50.0			
2	2	7.722	7.722	0.000	39787774	50.8			
						RPD = 1.52			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	163229987	52.3			
2	2	8.209	8.209	0.000	46747200	51.5			
						RPD = 1.52			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	109163808	51.1			
2	2	9.371	9.371	0.000	31317180	50.1			
						RPD = 2.01			

Report Date: 01-Sep-2011 13:52:27 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310019.D

Injection Date:	31-Aug-2011 17:10:59	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	11
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D		
Lims ID:	STD3 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:27:29	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	IC-818995 AB L3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	14
Lims Batch ID:	83947	Lims Sample ID:	12
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:30	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		
First Level Reviewer: reamb		Date:	01-Sep-2011 09:37:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						100.5			
2						75.7			
						RPD = 28.17			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	85327907	25.1			
2	2	3.831	3.830	0.001	22996939	25.1			
						RPD = 0.06			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	89780299	24.7			
2	2	4.309	4.308	0.001	24528622	25.0			
						RPD = 1.41			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	133255033	24.8			
2	2	4.451	4.451	0.000	33905520	24.9			
						RPD = 0.70			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	119245209	24.8			
2	2	4.763	4.763	0.000	30555448	25.2			
						RPD = 1.80			
12 beta-BHC									
1	100	4.793	4.793	0.000	48461208	24.9			
2	2	4.835	4.835	0.000	13019981	25.0			
						RPD = 0.13			
13 delta-BHC									
1	100	4.940	4.941	-0.001	118205666	24.6			
2	2	5.068	5.068	0.000	30139195	25.1			
						RPD = 1.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	116102277	25.5			
2	2	5.116	5.116	0.000	28713831	25.2			
						RPD = 1.08			
16 Aldrin									
1	-65	5.376	5.377	-0.001	110029401	25.1			
2	2	5.391	5.391	0.000	28928951	25.4			
						RPD = 1.03			
18 Isodrin									
1	100	5.692	5.693	-0.001	78687615	22.6			
2	2	5.762	5.762	0.000	17565539	23.9			
						RPD = 5.30			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	99069249	25.3			
2	2	5.946	5.946	0.000	26306671	25.3			
						RPD = 0.31			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	104720500	24.9			
2	2	6.148	6.149	-0.001	27595528	25.2			
						RPD = 1.26			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	99262739	24.8			
2	2	6.301	6.301	0.000	26696464	25.3			
						RPD = 1.87			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	100390960	25.0			
2	2	6.476	6.475	0.001	27342973	25.3			
						RPD = 0.98			
26 Endosulfan I									M
1	100	6.390	6.391	-0.001	93569171	25.9			
2	2	6.358	6.358	0.000	25684264	25.9			M
						RPD = 0.08			
28 Dieldrin									
1	100	6.636	6.636	0.000	84412837	23.6			
2	2	6.637	6.637	0.000	25740886	24.6			
						RPD = 4.46			
30 Endrin									M
1	-65	6.866	6.866	0.000	82983235	25.2			M
2	2	6.938	6.937	0.001	20843455	23.7			
						RPD = 6.21			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	87870722	26.7			
2	2	7.049	7.049	0.000	23357466	26.3			
						RPD = 1.47			
34 Endosulfan II									
1	100	7.086	7.085	0.001	82850922	25.4			
2	2	7.142	7.143	-0.001	22019564	24.6			
						RPD = 3.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.199	7.198	0.001	81701493	24.4			
2	2	7.349	7.349	0.000	20379768	24.4			
						RPD = 0.37			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	53229227	21.6			
2	2	7.465	7.465	0.000	18326136	25.0			
						RPD = 14.47			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	40445791	24.9			
2	2	7.985	7.986	-0.001	10690141	25.5			
						RPD = 2.15			
38 Mirex									
1	100	7.798	7.799	-0.001	41864012	24.1			
2	2	8.175	8.176	-0.001	14946742	24.1			
						RPD = 0.22			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	73756687	24.7			
2	2	7.722	7.722	0.000	19564489	24.7			
						RPD = 0.17			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	79441151	25.5			
2	2	8.208	8.209	-0.001	22410654	24.4			
						RPD = 4.22			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	53922931	24.9			
2	2	9.371	9.371	0.000	15657788	24.5			
						RPD = 1.42			

QC Flag Legend

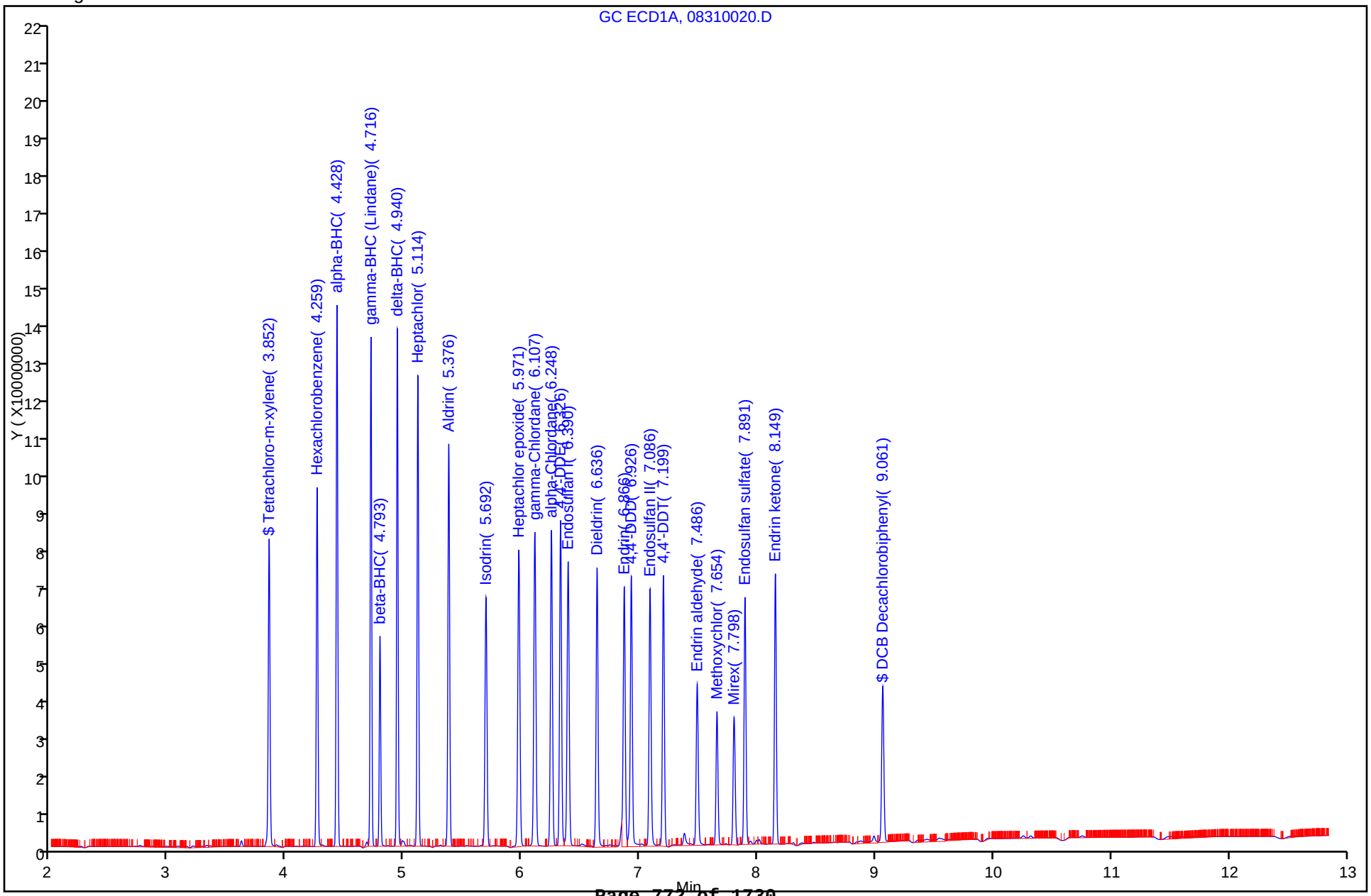
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:31 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D

Injection Date:	31-Aug-2011 17:27:29	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	12
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 01-Sep-2011 13:52:31 Chrom Revision: 1.2 13-Jul-2011 10:43:06

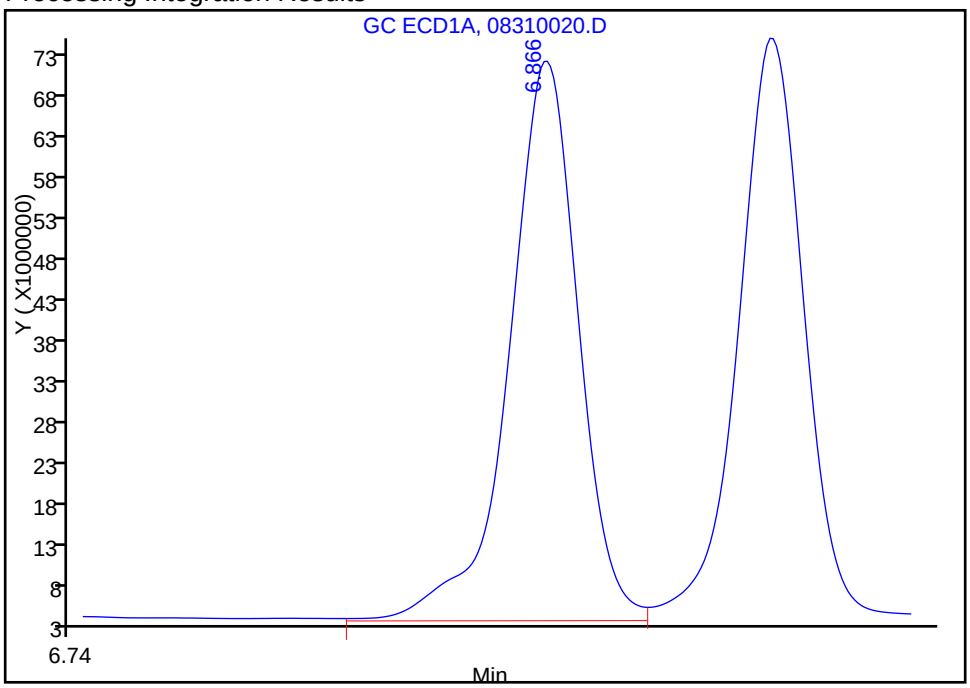
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D		
Injection Date:	31-Aug-2011 17:27:29	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	12
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

30 Endrin, Signal: 1, Type: quant, RT: 6.87, Det: GC ECD1A

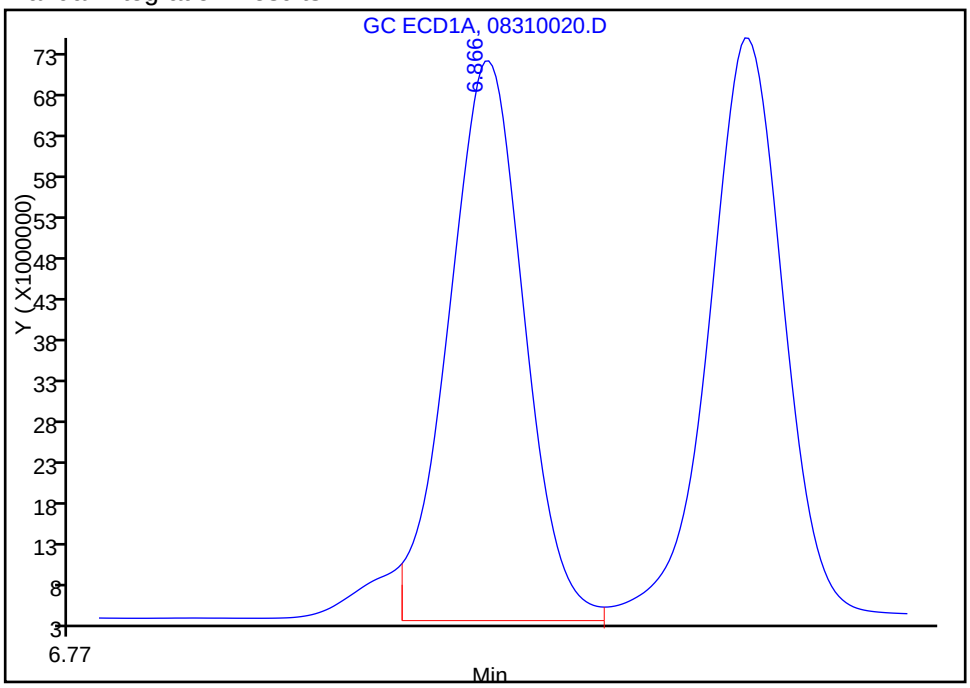
Processing Integration Results

RT: 6.87
Response: 87705507
Amount: 27.679518



Manual Integration Results

RT: 6.87
Response: 82983235
Amount: 25.217634



Reviewer: reamb, 01-Sep-2011 09:37:51
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D		
Lims ID:	STD2 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:44:06	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	IC-818996 AB L2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	15
Lims Batch ID:	83947	Lims Sample ID:	13
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:34	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:36:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						41.1			
2						31.7			
						RPD = 26.02			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	35375984	10.3			
2	2	3.830	3.830	0.000	9653150	10.2			
						RPD = 0.12			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	37807003	10.2			
2	2	4.308	4.308	0.000	10960251	10.6			
						RPD = 4.07			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	53707752	10.1			
2	2	4.451	4.451	0.000	14507039	10.3			
						RPD = 2.09			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	48338204	9.90			
2	2	4.762	4.763	-0.001	12955267	10.3			
						RPD = 3.77			
12 beta-BHC									
1	100	4.792	4.793	-0.001	20193778	9.71			
2	2	4.835	4.835	0.000	5979829	10.6			
						RPD = 8.62			
13 delta-BHC									
1	100	4.940	4.941	-0.001	47711454	9.96			
2	2	5.067	5.068	-0.001	12739833	10.4			
						RPD = 4.70			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	48254462	10.3			
2	2	5.116	5.116	0.000	12399338	10.6			
						RPD = 2.20			
16 Aldrin									
1	-65	5.377	5.377	0.000	45270968	10.1			
2	2	5.391	5.391	0.000	12041215	10.3			
						RPD = 1.86			
18 Isodrin									
1	100	5.692	5.693	-0.001	33972506	10.0			
2	2	5.762	5.762	0.000	7789736	11.0			
						RPD = 9.21			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	41393548	10.4			
2	2	5.946	5.946	0.000	11384107	10.5			
						RPD = 1.79			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	43276620	10.2			
2	2	6.148	6.149	-0.001	11765410	10.5			
						RPD = 2.94			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	41554207	10.2			
2	2	6.301	6.301	0.000	11461413	10.6			
						RPD = 3.45			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	41109611	10.1			
2	2	6.475	6.475	0.000	11830493	10.5			
						RPD = 3.81			
26 Endosulfan I									M
1	100	6.390	6.391	-0.001	40099301	10.6			
2	2	6.357	6.358	-0.001	10942224	10.4			M
						RPD = 1.64			
28 Dieldrin									
1	100	6.635	6.636	-0.001	35809763	10.0			
2	2	6.637	6.637	0.000	11068079	10.5			
						RPD = 4.49			
30 Endrin									M
1	-65	6.866	6.866	0.000	34027032	10.3			M
2	2	6.938	6.937	0.001	9147038	10.4			
						RPD = 0.57			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	36658216	10.1			
2	2	7.049	7.049	0.000	10809443	10.3			
						RPD = 2.52			
34 Endosulfan II									
1	100	7.085	7.085	0.000	34279224	10.3			
2	2	7.143	7.143	0.000	9872637	10.7			
						RPD = 3.24			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	33536984	9.92			
2	2	7.349	7.349	0.000	8400728	9.96			
						RPD = 0.40			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	23520313	9.98			
2	2	7.464	7.465	-0.001	7610408	10.1			
						RPD = 1.15			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	17399283	10.4			
2	2	7.985	7.986	-0.001	4532600	9.93			
						RPD = 4.58			
38 Mirex									
1	100	7.799	7.799	0.000	19266040	10.9			
2	2	8.174	8.176	-0.002	6741483	10.3			
						RPD = 4.92			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	31462806	10.2			
2	2	7.722	7.722	0.000	8410787	10.2			
						RPD = 0.16			
40 Endrin ketone									M
1	-65	8.150	8.150	0.000	28771826	9.22			M
2	2	8.208	8.209	-0.001	9637097	10.2			
						RPD = 9.81			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	23358864	10.3			
2	2	9.372	9.371	0.001	7022467	10.4			
						RPD = 0.64			

QC Flag Legend

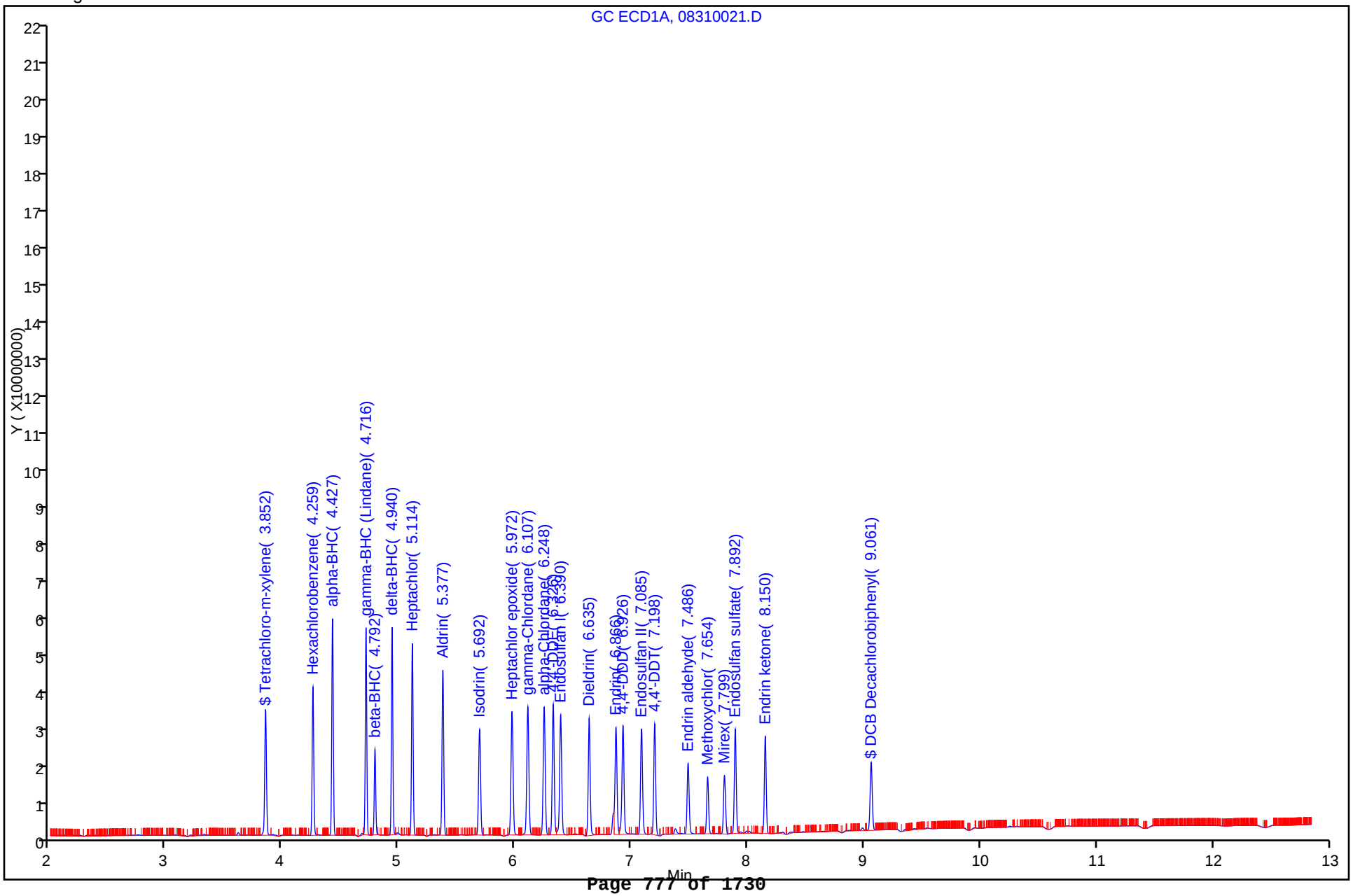
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:35 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D

Injection Date:	31-Aug-2011 17:44:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	13
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 01-Sep-2011 13:52:35 Chrom Revision: 1.2 13-Jul-2011 10:43:06

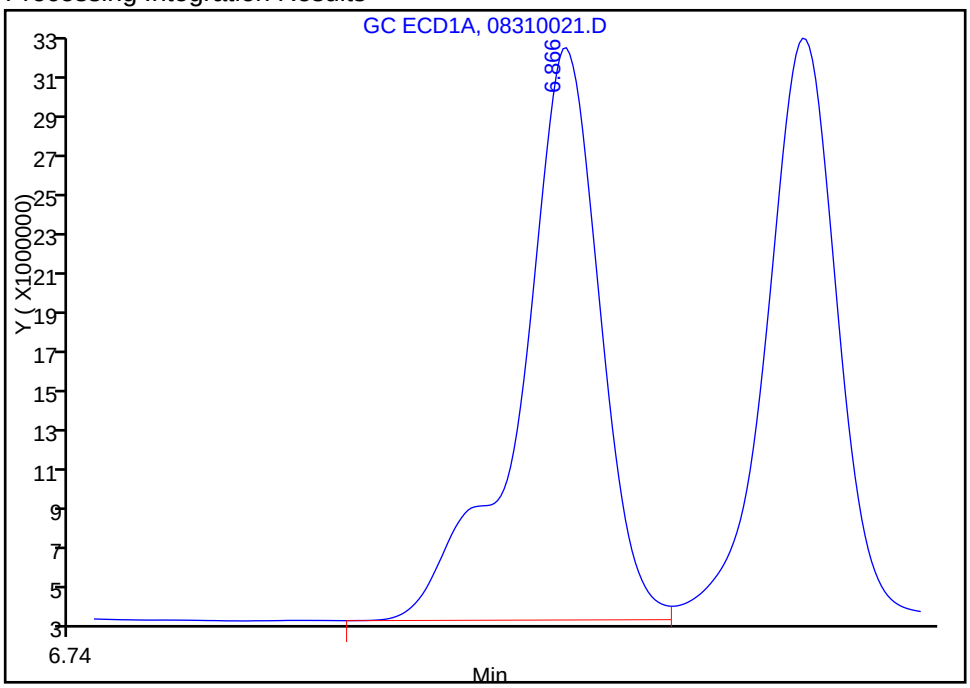
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D		
Injection Date:	31-Aug-2011 17:44:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	13
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

30 Endrin, Signal: 1, Type: quant, RT: 6.87, Det: GC ECD1A

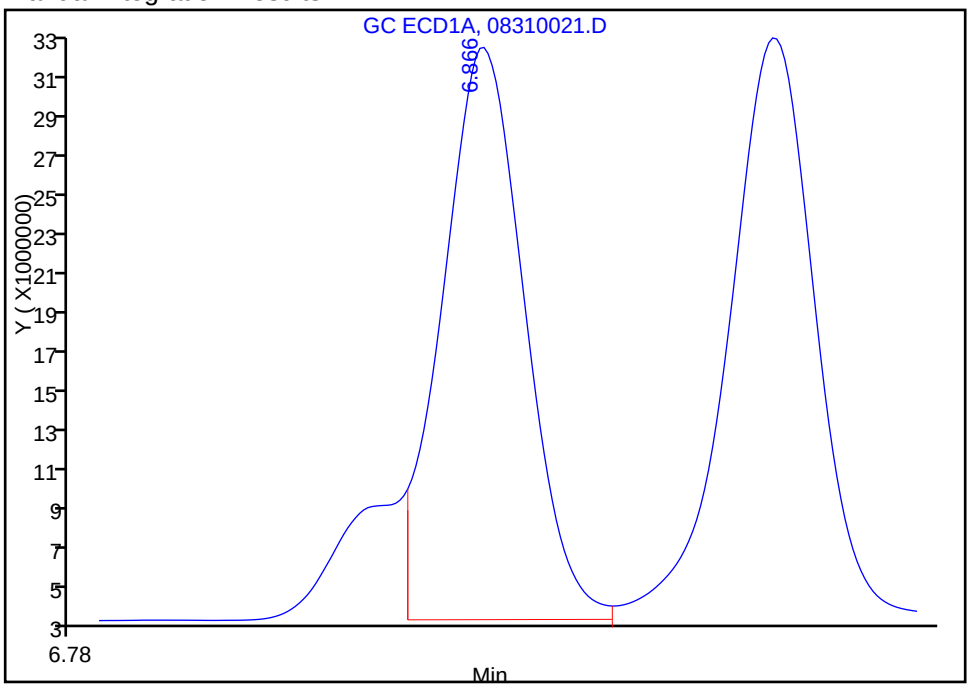
Processing Integration Results

RT: 6.87
Response: 39977024
Amount: 11.684640



Manual Integration Results

RT: 6.87
Response: 34027032
Amount: 10.340417



Reviewer: reamb, 01-Sep-2011 10:28:08
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

Report Date: 01-Sep-2011 13:52:35 Chrom Revision: 1.2 13-Jul-2011 10:43:06

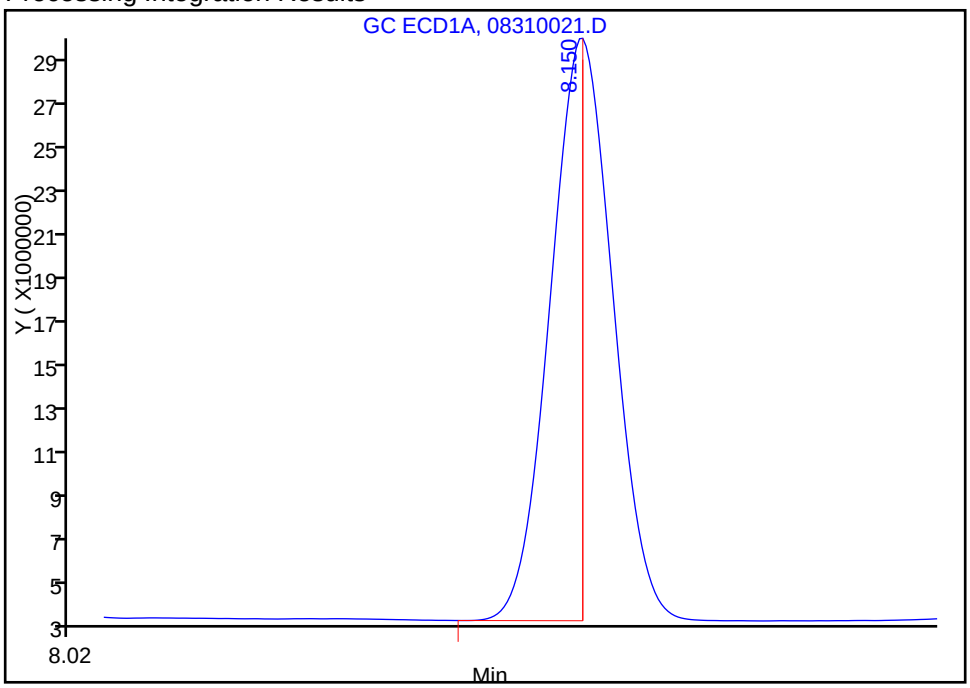
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D		
Injection Date:	31-Aug-2011 17:44:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	13
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

40 Endrin ketone, Signal: 1, Type: quant, RT: 8.15, Det: GC ECD1A

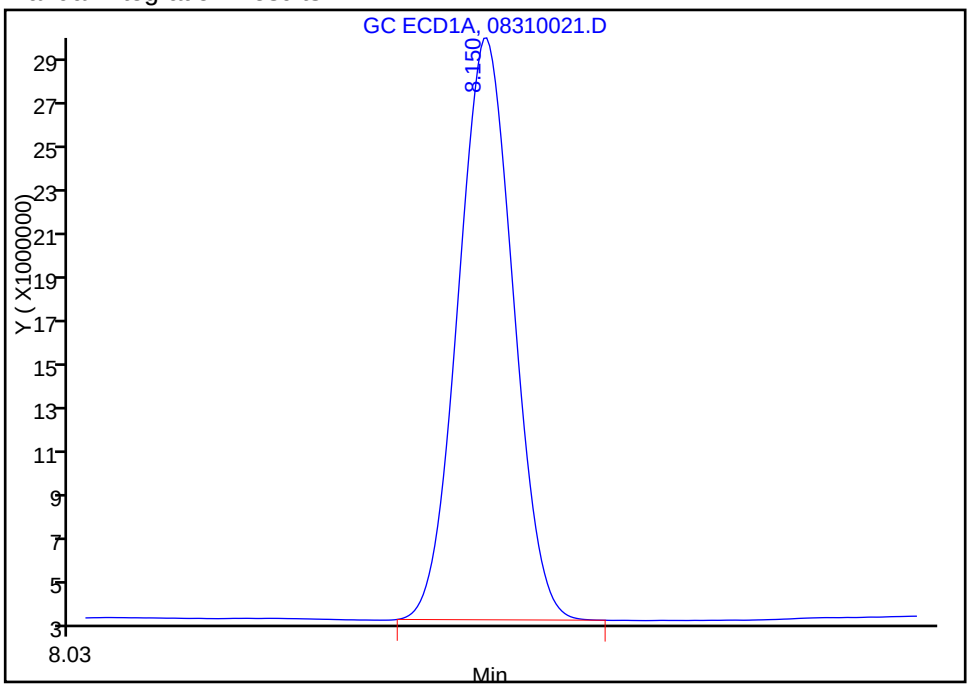
Processing Integration Results

RT: 8.15
Response: 14700905
Amount: 5.543328



Manual Integration Results

RT: 8.15
Response: 28771826
Amount: 9.218174



Reviewer: reamb, 01-Sep-2011 10:17:38
Audit Action: Manually Integrated
Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310022.D		
Lims ID:	STD1 AB	Client ID:	
Inject. Date:	31-Aug-2011 18:00:35	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	IC-819004 AB L1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	16
Lims Batch ID:	83947	Lims Sample ID:	14
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:38	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						15.8			
2						11.7			
						RPD = 29.60			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	14222228	3.96			
2	2	3.830	3.830	0.000	4012750	3.96			
						RPD = 0.02			
8 Hexachlorobenzene									
1	100	4.258	4.259	-0.001	15683053	3.98			
2	2	4.308	4.308	0.000	4694721	3.91			
						RPD = 1.75			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	20800435	3.99			
2	2	4.451	4.451	0.000	6133525	3.96			
						RPD = 0.89			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.716	-0.001	20264730	4.02			
2	2	4.762	4.763	-0.001	5495131	3.95			
						RPD = 1.62			
12 beta-BHC									
1	100	4.792	4.793	-0.001	9671752	4.04			
2	2	4.835	4.835	0.000	2714335	3.92			
						RPD = 3.22			
13 delta-BHC									
1	100	4.939	4.941	-0.002	19070836	4.01			
2	2	5.067	5.068	-0.001	5011301	3.93			
						RPD = 1.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.115	-0.002	19640630	3.94			
2	2	5.115	5.116	-0.001	4997175	3.91			
						RPD = 0.71			
16 Aldrin									
1	-65	5.376	5.377	-0.001	18711593	3.98			
2	2	5.391	5.391	0.000	4897728	3.94			
						RPD = 0.82			
18 Isodrin									
1	100	5.692	5.693	-0.001	12942926	4.04			
2	2	5.762	5.762	0.000	2963168	4.10			
						RPD = 1.52			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	16634579	3.94			
2	2	5.946	5.946	0.000	4647027	3.91			
						RPD = 0.64			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	17144784	3.97			
2	2	6.148	6.149	-0.001	4653163	3.92			
						RPD = 1.30			
24 alpha-Chlordane									
1	-65	6.247	6.249	-0.002	16878815	3.97			
2	2	6.300	6.301	-0.001	4558902	3.91			
						RPD = 1.60			
25 4,4'-DDE									
1	-65	6.325	6.326	-0.001	16512415	3.98			
2	2	6.475	6.475	0.000	4846558	3.91			
						RPD = 1.60			
26 Endosulfan I									
1	100	6.389	6.391	-0.002	16829509	3.90			
2	2	6.357	6.358	-0.001	4772219	3.92			
						RPD = 0.50			
28 Dieldrin									
1	100	6.635	6.636	-0.001	14094771	3.93			
2	2	6.637	6.637	0.000	4323360	3.94			
						RPD = 0.03			
30 Endrin									
1	-65	6.865	6.866	-0.001	13623672	4.14			
2	2	6.937	6.937	0.000	3913883	4.45			
						RPD = 7.21			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	16223005	2.60			
2	2	7.049	7.049	0.000	5323587	2.45			
						RPD = 6.13			
34 Endosulfan II									
1	100	7.084	7.085	-0.001	13785440	3.94			
2	2	7.143	7.143	0.000	3988167	3.91			
						RPD = 0.90			

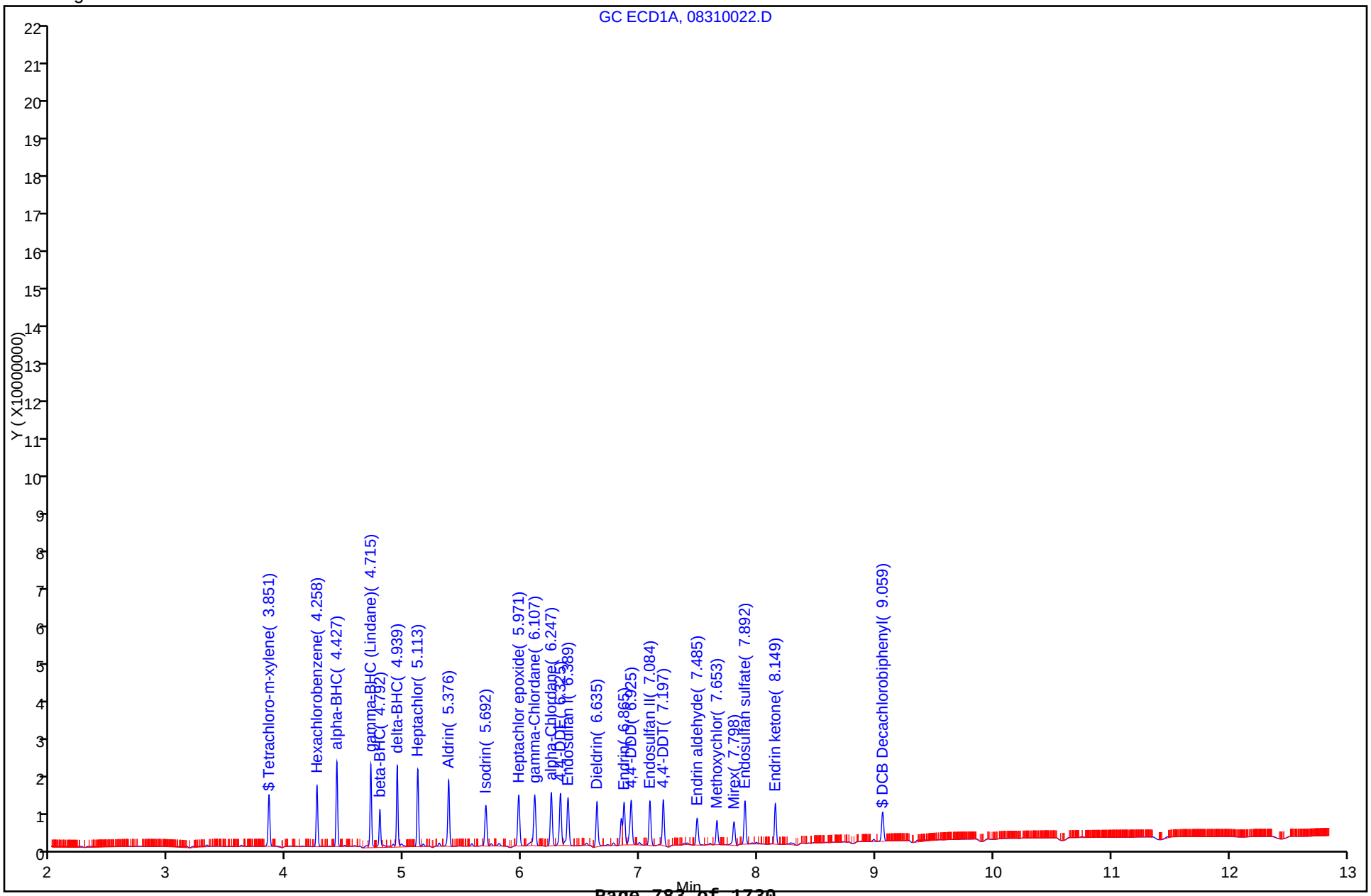
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.197	7.198	-0.001	13860227	4.02			
2	2	7.349	7.349	0.000	3484720	4.01			
						RPD = 0.21			
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	9074955	4.31			
2	2	7.465	7.465	0.000	3219764	3.98			
						RPD = 7.94			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	7161038	3.94			
2	2	7.986	7.986	0.000	2182370	4.00			
						RPD = 1.47			
38 Mirex									
1	100	7.798	7.799	-0.001	8570438	4.01			
2	2	8.175	8.176	-0.001	2939910	3.96			
						RPD = 1.13			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	13178138	3.97			
2	2	7.722	7.722	0.000	3552883	3.97			
						RPD = 0.11			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	11871505	3.80			
2	2	8.209	8.209	0.000	4082731	3.98			
						RPD = 4.58			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.061	-0.002	9949326	3.95			
2	2	9.372	9.371	0.001	3081789	3.95			
						RPD = 0.00			

Report Date: 01-Sep-2011 13:52:39 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310022.D

Injection Date:	31-Aug-2011 18:00:35	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	14
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Hexachlorobenzene	4.308	4.308	4.309	4.308	4.309	4.309					4.298 - 4.318	4.309
alpha-BHC	4.451	4.451	4.451	4.451	4.452	4.451					4.441 - 4.461	4.451
gamma-BHC (Lindane)	4.762	4.762	4.763	4.763	4.762	4.762					4.753 - 4.773	4.762
beta-BHC	4.835	4.835	4.835	4.835	4.835	4.835					4.825 - 4.845	4.835
delta-BHC	5.067	5.067	5.068	5.068	5.068	5.068					5.058 - 5.078	5.068
Heptachlor	5.115	5.116	5.116	5.116	5.116	5.116					5.106 - 5.126	5.116
Aldrin	5.391	5.391	5.391	5.391	5.392	5.391					5.381 - 5.401	5.391
Isodrin	5.762	5.762	5.762	5.762	5.762	5.761					5.752 - 5.772	5.762
Heptachlor epoxide	5.946	5.946	5.946	5.946	5.947	5.946					5.936 - 5.956	5.946
gamma-Chlordane	6.148	6.148	6.148	6.149	6.149	6.149					6.139 - 6.159	6.149
alpha-Chlordane	6.300	6.301	6.301	6.301	6.302	6.301					6.291 - 6.311	6.301
Endosulfan I	6.357	6.357	6.358	6.358	6.359	6.358					6.348 - 6.368	6.358
4,4'-DDE	6.475	6.475	6.476	6.475	6.476	6.475					6.465 - 6.485	6.475
Dieldrin	6.637	6.637	6.637	6.637	6.637	6.636					6.627 - 6.647	6.637
Endrin	6.937	6.938	6.938	6.937	6.939	6.938					6.927 - 6.947	6.938
4,4'-DDD	7.049	7.049	7.049	7.049	7.050	7.049					7.039 - 7.059	7.049
Endosulfan II	7.143	7.143	7.142	7.143	7.143	7.143					7.133 - 7.153	7.143
4,4'-DDT	7.349	7.349	7.349	7.349	7.349	7.349					7.339 - 7.359	7.349
Endrin aldehyde	7.465	7.464	7.465	7.465	7.465	7.465					7.455 - 7.475	7.465
Endosulfan sulfate	7.722	7.722	7.722	7.722	7.723	7.722					7.712 - 7.732	7.722
Methoxychlor	7.986	7.985	7.985	7.986	7.986	7.986					7.976 - 7.996	7.986
Mirex	8.175	8.174	8.175	8.176	8.175	8.175					8.166 - 8.186	8.175
Endrin ketone	8.209	8.208	8.208	8.209	8.209	8.209					8.199 - 8.219	8.209
Tetrachloro-m-xylene	3.830	3.830	3.831	3.830	3.830	3.830					3.820 - 3.840	3.830
DCB Decachlorobiphenyl	9.372	9.372	9.371	9.371	9.372	9.371					9.361 - 9.381	9.372

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.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 6	LVL 3	LVL 4		B	M1	M2								
Hexachlorobenzene	1173680 940815	1096025 924374	981145	959272	Lin2	1022718.13	938688.825							0.9990		0.9900
alpha-BHC	1533381 1328796	1450704 1312245	1356221	1346963	Lin2	895886.518	1323348.73							1.0000		0.9900
gamma-BHC (Lindane)	1373783 1180424	1295527 1163045	1222218	1201415	Lin2	832783.268	1179256.45							1.0000		0.9900
beta-BHC	678584 495994	597983 488441	520799	502753	Lin2	795996.196	489937.158							0.9990		0.9900
delta-BHC	1252825 1184404	1273983 1170263	1205568	1189353	Lin2	335581.412	1188496.31							0.9990		0.9900
Heptachlor	1249294 1104622	1239934 1081442	1148553	1131824	Lin2	645890.984	1112630.41							0.9990		0.9900
Aldrin	1224432 1113730	1204122 1093547	1157158	1134165	Lin2	482517.154	1119677.10							0.9990		0.9900
Isodrin	740792 889284	778974 923698	702622	781995	Qua	192075.678	664494.651	2645.24330						0.9990		0.9900
Heptachlor epoxide	1161757 1006126	1138411 982497	1052267	1041678	Lin2	677740.212	1014841.31							0.9980		0.9900
gamma-Chlordane	1163291 1065038	1176541 1051849	1103821	1094751	Lin2	427394.762	1078347.73							0.9990		0.9900
alpha-Chlordane	1139726 1020612	1146141 1008563	1067859	1050888	Lin2	513066.662	1035243.27							0.9980		0.9900
Endosulfan I	1193055 937025	1094222 916887	1027371	987665	Lin2	1048270.93	950328.945							0.9980		0.9900
4,4'-DDE	1211640 1046274	1183049 1028305	1093719	1073980	Lin2	720766.921	1054105.83							0.9990		0.9900
Dieldrin	1080840 1028895	1106808 1009021	1029635	1060559	Lin2	252017.592	1034425.10							0.9990		0.9900
Endrin	978471 843960	914704 834016	833738	872420	Ave		879551.364				6.5		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 CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7012

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 6	LVL 3	LVL 4		B	M1	M2								
4,4'-DDD	1330897 944293	1080944 1071516	934299	932916	Qua	3718804.68	646676.701	3767.32904						0.9980		0.9900
Endosulfan II	997042 862906	987264 863251	880783	889538	Lin2	582143.292	871420.176							0.9980		0.9900
4,4'-DDT	871180 828393	840073 832319	815191	845654	Lin2	165834.951	826824.571							1.0000		0.9900
Endrin aldehyde	804941 719734	761041 707178	733045	740562	Lin2	357852.024	718572.121							1.0000		0.9900
Endosulfan sulfate	888221 774538	841079 770368	782580	795755	Lin2	481836.287	773957.434							1.0000		0.9900
Methoxychlor	545593 399935	453260 396138	427606	413800	Lin2	597875.995	396208.500							1.0000		0.9900
Mirex	734978 600984	674148 596199	597870	620141	Lin2	580731.857	595444.810							0.9990		0.9900
Endrin ketone	1020683 899078	963710 891439	896426	934944	Lin2	508302.156	897669.160							0.9990		0.9900
Tetrachloro-m-xylene	1003188 899624	965315 885347	919878	913468	Lin2	454189.464	898333.870							1.0000		0.9900
DCB Decachlorobiphenyl	770447 616710	702247 617273	626312	626344	Lin2	663721.701	611953.174							0.9990		0.9900

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 Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7012

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/14	08310022.D
Level 2	STD2 280-83947/13	08310021.D
Level 3	STD3 280-83947/12	08310020.D
Level 4	STD4 280-83947/11	08310019.D
Level 5	STD5 280-83947/10	08310018.D
Level 6	STD6 280-83947/9	08310017.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobenzene	Lin2	4694721 92437361	10960251	24528622	47963623	70561088	4.00 100	10.0	25.0	50.0	75.0
alpha-BHC	Lin2	6133525 131224500	14507039	33905520	67348130	99659726	4.00 100	10.0	25.0	50.0	75.0
gamma-BHC (Lindane)	Lin2	5495131 116304494	12955267	30555448	60070743	88531822	4.00 100	10.0	25.0	50.0	75.0
beta-BHC	Lin2	2714335 48844138	5979829	13019981	25137644	37199586	4.00 100	10.0	25.0	50.0	75.0
delta-BHC	Lin2	5011301 117026302	12739833	30139195	59467653	88830303	4.00 100	10.0	25.0	50.0	75.0
Heptachlor	Lin2	4997175 108144209	12399338	28713831	56591193	82846635	4.00 100	10.0	25.0	50.0	75.0
Aldrin	Lin2	4897728 109354676	12041215	28928951	56708240	83529772	4.00 100	10.0	25.0	50.0	75.0
Isodrin	Qua	2963168 92369760	7789736	17565539	39099727	66696272	4.00 100	10.0	25.0	50.0	75.0
Heptachlor epoxide	Lin2	4647027 98249705	11384107	26306671	52083901	75459444	4.00 100	10.0	25.0	50.0	75.0
gamma-Chlordane	Lin2	4653163 105184922	11765410	27595528	54737555	79877820	4.00 100	10.0	25.0	50.0	75.0
alpha-Chlordane	Lin2	4558902 100856315	11461413	26696464	52544415	76545876	4.00 100	10.0	25.0	50.0	75.0
Endosulfan I	Lin2	4772219 91688693	10942224	25684264	49383231	70276886	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDE	Lin2	4846558 102830529	11830493	27342973	53699015	78470549	4.00 100	10.0	25.0	50.0	75.0
Dieldrin	Lin2	4323360 100902149	11068079	25740886	53027936	77167101	4.00 100	10.0	25.0	50.0	75.0
Endrin	Ave	3913883 83401592	9147038	20843455	43620977	63296998	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDD	Qua	5323587 107151619	10809443	23357466	46645783	70822009	4.00 100	10.0	25.0	50.0	75.0

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 16:37 Calibration End Date: 08/31/2011 18:00 Calibration ID: 7012

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Endosulfan II	Lin2	3988167 86325117	9872637	22019564	44476875	64717985	4.00 100	10.0	25.0	50.0	75.0
4,4'-DDT	Lin2	3484720 83231852	8400728	20379768	42282700	62129490	4.00 100	10.0	25.0	50.0	75.0
Endrin aldehyde	Lin2	3219764 70717847	7610408	18326136	37028122	53980034	4.00 100	10.0	25.0	50.0	75.0
Endosulfan sulfate	Lin2	3552883 77036777	8410787	19564489	39787774	58090355	4.00 100	10.0	25.0	50.0	75.0
Methoxychlor	Lin2	2182370 39613775	4532600	10690141	20689980	29995133	4.00 100	10.0	25.0	50.0	75.0
Mirex	Lin2	2939910 59619899	6741483	14946742	31007063	45073770	4.00 100	10.0	25.0	50.0	75.0
Endrin ketone	Lin2	4082731 89143910	9637097	22410654	46747200	67430814	4.00 100	10.0	25.0	50.0	75.0
Tetrachloro-m-xylene	Lin2	4012750 88534652	9653150	22996939	45673391	67471819	4.00 100	10.0	25.0	50.0	75.0
DCB Decachlorobiphenyl	Lin2	3081789 61727267	7022467	15657788	31317180	46253253	4.00 100	10.0	25.0	50.0	75.0

Curve Type Legend:

Ave = Average
Lin2 = Linear 1/conc^2
Qua = Quadratic

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310017.D
Lims ID: STD6 AB
Client ID:
Inject. Date: 31-Aug-2011 16:37:55
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 6
Sample ID: IC-818976 AB L6
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 11
Lims Batch ID: 83947
Lims Sample ID: 9
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:19
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						390.2			
2						290.7			
						RPD = 29.22			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	332727951	98.7			
2	2	3.830	3.830	0.000	88534652	98.0			
						RPD = 0.65			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	358063161	99.7			
2	2	4.309	4.308	0.001	92437361	97.4			
						RPD = 2.33			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	539721068	99.9			
2	2	4.451	4.451	0.000	131224500	98.5			
						RPD = 1.39			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	478992815	100.1			
2	2	4.762	4.763	-0.001	116304494	97.9			
						RPD = 2.22			
12 beta-BHC									
1	100	4.793	4.793	0.000	188816331	100.5			
2	2	4.835	4.835	0.000	48844138	98.1			
						RPD = 2.40			
13 delta-BHC									
1	100	4.941	4.941	0.000	483194708	100.4			
2	2	5.068	5.068	0.000	117026302	98.2			
						RPD = 2.18			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.115	5.115	0.000	432460658	96.2			
2	2	5.116	5.116	0.000	108144209	96.6			
						RPD = 0.42			
16 Aldrin									
1	-65	5.377	5.377	0.000	424114071	98.0			
2	2	5.391	5.391	0.000	109354676	97.2			
						RPD = 0.74			
18 Isodrin									
1	100	5.693	5.693	0.000	360143019	102.3			
2	2	5.761	5.762	-0.001	92369760	99.4			
						RPD = 2.86			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	371346351	96.0			
2	2	5.946	5.946	0.000	98249705	96.1			
						RPD = 0.15			
23 gamma-Chlordane									
1	-65	6.108	6.108	0.000	414193596	98.8			
2	2	6.149	6.149	0.000	105184922	97.1			
						RPD = 1.66			
24 alpha-Chlordane									
1	-65	6.249	6.249	0.000	393032038	99.2			
2	2	6.301	6.301	0.000	100856315	96.9			
						RPD = 2.30			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	393821010	98.6			
2	2	6.475	6.475	0.000	102830529	96.9			
						RPD = 1.76			
26 Endosulfan I									
1	100	6.391	6.391	0.000	340007892	96.7			
2	2	6.358	6.358	0.000	91688693	95.4			
						RPD = 1.41			
28 Dieldrin									
1	100	6.634	6.636	-0.002	374352927	104.5			
2	2	6.636	6.637	-0.001	100902149	97.3			
						RPD = 7.14			
30 Endrin									
1	-65	6.866	6.866	0.000	313150123	95.2			
2	2	6.938	6.937	0.001	83401592	94.8			
						RPD = 0.36			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	412032230	100.6			
2	2	7.049	7.049	0.000	107151619	100.8			
						RPD = 0.14			
34 Endosulfan II									
1	100	7.086	7.085	0.001	312833203	97.0			
2	2	7.143	7.143	0.000	86325117	98.4			
						RPD = 1.42			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.199	7.198	0.001	335891532	100.5			
2	2	7.349	7.349	0.000	83231852	100.5			
						RPD = 0.08			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	252495867	99.8			
2	2	7.465	7.465	0.000	70717847	97.9			
						RPD = 1.89			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	155705962	97.6			
2	2	7.986	7.986	0.000	39613775	98.5			
						RPD = 0.88			
38 Mirex									
1	100	7.801	7.799	0.002	222003788	99.6			
2	2	8.175	8.176	-0.001	59619899	99.2			
						RPD = 0.43			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	295450191	100.5			
2	2	7.722	7.722	0.000	77036777	98.9			
						RPD = 1.64			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	320332795	102.6			
2	2	8.209	8.209	0.000	89143910	98.7			
						RPD = 3.86			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	207893110	98.0			
2	2	9.371	9.371	0.000	61727267	99.8			
						RPD = 1.77			

Report Date: 01-Sep-2011 13:52:20 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310017.D

Injection Date:	31-Aug-2011 16:37:55	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	9
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310018.D
Lims ID: STD5 AB Client ID:
Inject. Date: 31-Aug-2011 16:54:27 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: IC-818984 AB L5
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 12
Lims Batch ID: 83947 Lims Sample ID: 10
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:23 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						297.9			
2						221.0			
						RPD = 29.63			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	251843096	74.6			
2	2	3.830	3.830	0.000	67471819	74.6			
						RPD = 0.04			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	269571931	74.9			
2	2	4.309	4.308	0.001	70561088	74.1			
						RPD = 1.16			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	406575564	75.3			
2	2	4.452	4.451	0.001	99659726	74.6			
						RPD = 0.85			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	361194183	75.4			
2	2	4.762	4.763	-0.001	88531822	74.4			
						RPD = 1.43			
12 beta-BHC									
1	100	4.792	4.793	-0.001	142626967	75.6			
2	2	4.835	4.835	0.000	37199586	74.3			
						RPD = 1.72			
13 delta-BHC									
1	100	4.940	4.941	-0.001	363832147	75.6			
2	2	5.068	5.068	0.000	88830303	74.5			
						RPD = 1.49			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	333672354	74.1			
2	2	5.116	5.116	0.000	82846635	73.9			
						RPD = 0.34			
16 Aldrin									
1	-65	5.377	5.377	0.000	324054163	74.8			
2	2	5.392	5.391	0.001	83529772	74.2			
						RPD = 0.79			
18 Isodrin									
1	100	5.692	5.693	-0.001	271366034	77.2			
2	2	5.762	5.762	0.000	66696272	76.7			
						RPD = 0.62			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	286265570	73.9			
2	2	5.947	5.946	0.001	75459444	73.7			
						RPD = 0.32			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	313420444	74.7			
2	2	6.149	6.149	0.000	79877820	73.7			
						RPD = 1.39			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	297993907	75.1			
2	2	6.302	6.301	0.001	76545876	73.4			
						RPD = 2.26			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	299368976	74.9			
2	2	6.476	6.475	0.001	78470549	73.8			
						RPD = 1.54			
26 Endosulfan I									
1	100	6.390	6.391	-0.001	262641406	74.5			
2	2	6.359	6.358	0.001	70276886	72.8			
						RPD = 2.26			
28 Dieldrin									
1	100	6.634	6.636	-0.002	278849557	77.8			
2	2	6.637	6.637	0.000	77167101	74.4			
						RPD = 4.58			
30 Endrin									
1	-65	6.866	6.866	0.000	240311206	73.0			
2	2	6.939	6.937	0.002	63296998	72.0			
						RPD = 1.47			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	273986100	73.3			
2	2	7.050	7.049	0.001	70822009	72.8			
						RPD = 0.68			
34 Endosulfan II									
1	100	7.085	7.085	0.000	241480809	74.8			
2	2	7.143	7.143	0.000	64717985	73.6			
						RPD = 1.62			

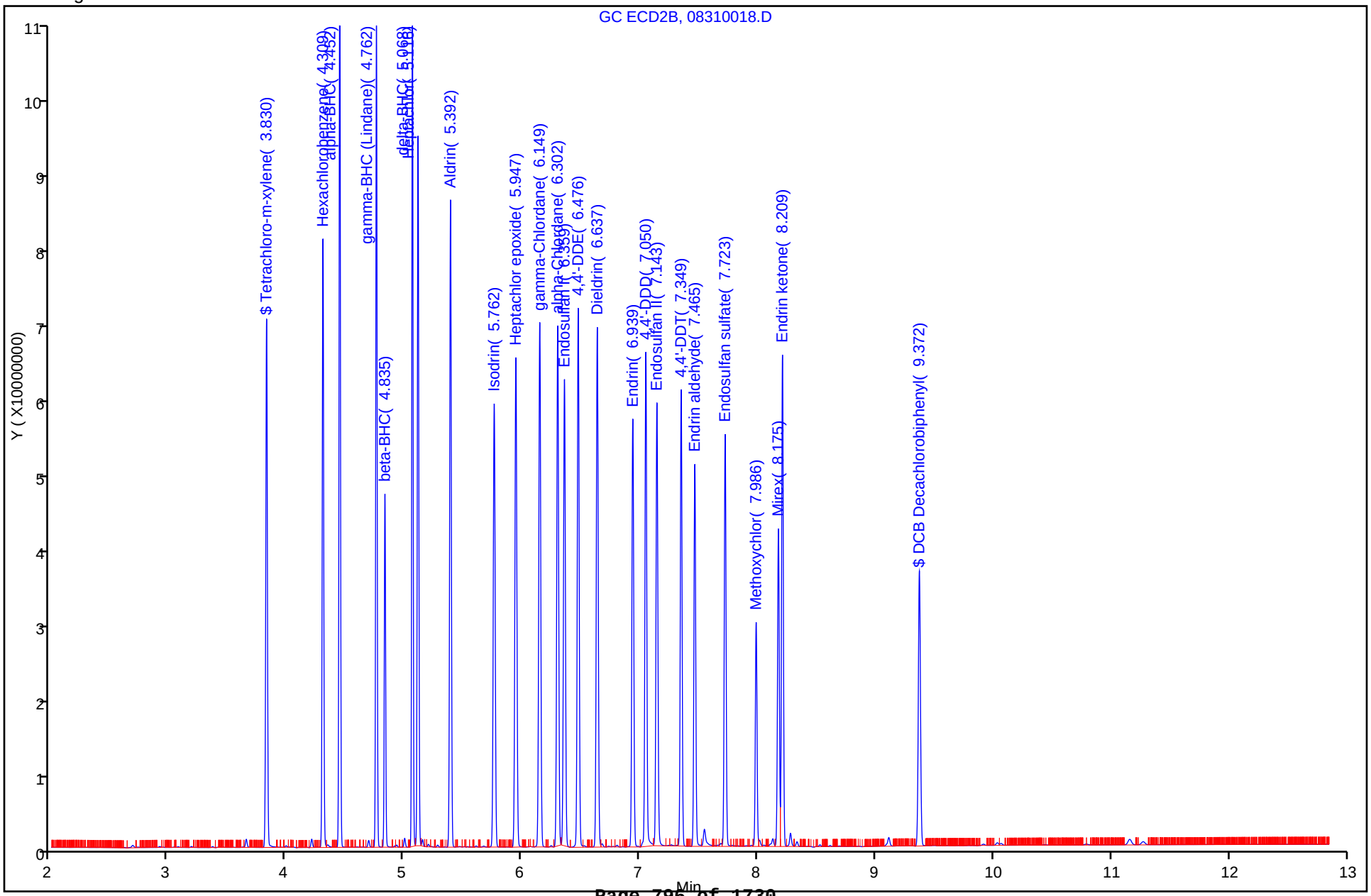
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	253866602	76.0			
2	2	7.349	7.349	0.000	62129490	74.9			
						RPD = 1.35			
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	191134068	75.7			
2	2	7.465	7.465	0.000	53980034	74.6			
						RPD = 1.46			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	118971641	74.4			
2	2	7.986	7.986	0.000	29995133	74.2			
						RPD = 0.34			
38 Mirex									
1	100	7.800	7.799	0.001	156890292	76.2			
2	2	8.175	8.176	-0.001	45073770	74.7			
						RPD = 1.92			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	218674195	74.3			
2	2	7.723	7.722	0.001	58090355	74.4			
						RPD = 0.21			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	242745615	77.8			
2	2	8.209	8.209	0.000	67430814	74.6			
						RPD = 4.23			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.061	-0.001	156753788	73.7			
2	2	9.372	9.371	0.001	46253253	74.5			
						RPD = 1.04			

Report Date: 01-Sep-2011 13:52:24 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310018.D

Injection Date:	31-Aug-2011 16:54:27	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	10
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310019.D		
Lims ID:	STD4 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:10:59	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	ICRT-818987 ABL4		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	13
Lims Batch ID:	83947	Lims Sample ID:	11
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:26	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:11:33

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						201.9			
2						150.9			
						RPD = 28.93			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	168741833	49.9			
2	2	3.830	3.830	0.000	45673391	50.3			
						RPD = 0.84			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	181171262	50.2			
2	2	4.308	4.308	0.000	47963623	50.0			
						RPD = 0.46			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	270184020	50.1			
2	2	4.451	4.451	0.000	67348130	50.2			
						RPD = 0.29			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	241708750	50.4			
2	2	4.763	4.763	0.000	60070743	50.2			
						RPD = 0.35			
12 beta-BHC									
1	100	4.793	4.793	0.000	95934243	50.5			
2	2	4.835	4.835	0.000	25137644	49.7			
						RPD = 1.56			
13 delta-BHC									
1	100	4.941	4.941	0.000	242102560	50.3			
2	2	5.068	5.068	0.000	59467653	49.8			
						RPD = 1.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.115	5.115	0.000	228273875	50.6			
2	2	5.116	5.116	0.000	56591193	50.3			
						RPD = 0.57			
16 Aldrin									
1	-65	5.377	5.377	0.000	219539108	50.5			
2	2	5.391	5.391	0.000	56708240	50.2			
						RPD = 0.63			
18 Isodrin									
1	100	5.693	5.693	0.000	181266543	51.7			
2	2	5.762	5.762	0.000	39099727	49.0			
						RPD = 5.30			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	198082241	51.0			
2	2	5.946	5.946	0.000	52083901	50.7			
						RPD = 0.74			
23 gamma-Chlordane									
1	-65	6.108	6.108	0.000	211509245	50.4			
2	2	6.149	6.149	0.000	54737555	50.4			
						RPD = 0.03			
24 alpha-Chlordane									
1	-65	6.249	6.249	0.000	198562380	50.0			
2	2	6.301	6.301	0.000	52544415	50.3			
						RPD = 0.60			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	201283410	50.3			
2	2	6.475	6.475	0.000	53699015	50.3			
						RPD = 0.10			
26 Endosulfan I									
1	100	6.391	6.391	0.000	171790582	48.4			
2	2	6.358	6.358	0.000	49383231	50.9			
						RPD = 4.93			
28 Dieldrin									
1	100	6.636	6.636	0.000	177520097	49.6			
2	2	6.637	6.637	0.000	53027936	51.0			
						RPD = 2.91			
30 Endrin									
1	-65	6.866	6.866	0.000	164024800	49.8			
2	2	6.937	6.937	0.000	43620977	49.6			
						RPD = 0.50			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	174992814	50.5			
2	2	7.049	7.049	0.000	46645783	51.1			
						RPD = 1.24			
34 Endosulfan II									
1	100	7.085	7.085	0.000	161329032	49.9			
2	2	7.143	7.143	0.000	44476875	50.4			
						RPD = 1.03			

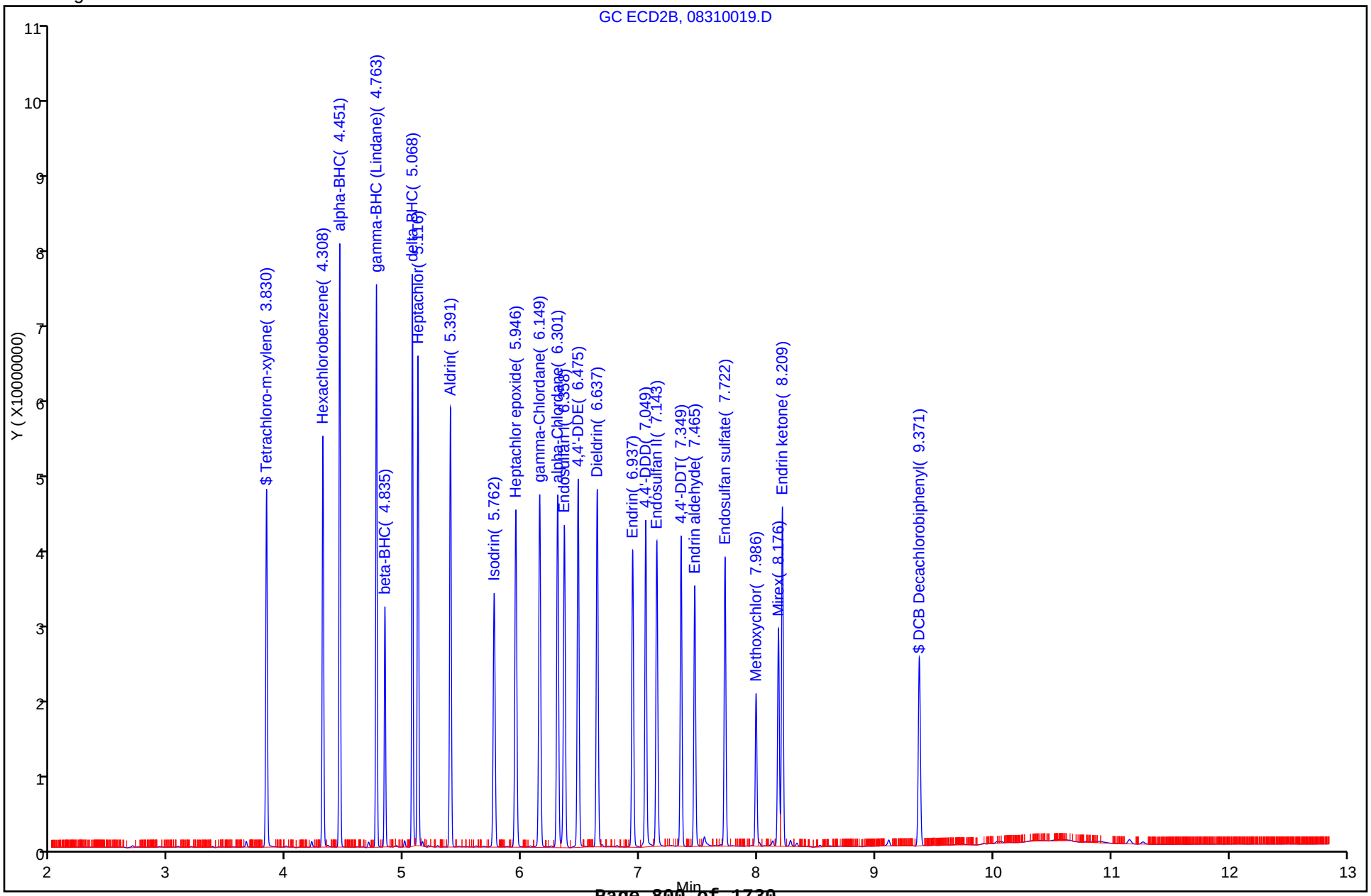
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	168908213	50.5			
2	2	7.349	7.349	0.000	42282700	50.9			
						RPD = 0.87			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	132117648	52.6			
2	2	7.465	7.465	0.000	37028122	51.0			
						RPD = 2.97			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	80933341	50.5			
2	2	7.986	7.986	0.000	20689980	50.7			
						RPD = 0.50			
38 Mirex									
1	100	7.799	7.799	0.000	92420220	49.3			
2	2	8.176	8.176	0.000	31007063	51.1			
						RPD = 3.57			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	147764672	50.0			
2	2	7.722	7.722	0.000	39787774	50.8			
						RPD = 1.52			
40 Endrin ketone									
1	-65	8.150	8.150	0.000	163229987	52.3			
2	2	8.209	8.209	0.000	46747200	51.5			
						RPD = 1.52			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	109163808	51.1			
2	2	9.371	9.371	0.000	31317180	50.1			
						RPD = 2.01			

Report Date: 01-Sep-2011 13:52:27 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310019.D

Injection Date:	31-Aug-2011 17:10:59	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	11
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D		
Lims ID:	STD3 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:27:29	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	IC-818995 AB L3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	14
Lims Batch ID:	83947	Lims Sample ID:	12
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:30	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:37:51

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						100.5			
2						75.7			
						RPD = 28.17			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	85327907	25.1			
2	2	3.831	3.830	0.001	22996939	25.1			
						RPD = 0.06			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	89780299	24.7			
2	2	4.309	4.308	0.001	24528622	25.0			
						RPD = 1.41			
10 alpha-BHC									
1	-65	4.428	4.428	0.000	133255033	24.8			
2	2	4.451	4.451	0.000	33905520	24.9			
						RPD = 0.70			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	119245209	24.8			
2	2	4.763	4.763	0.000	30555448	25.2			
						RPD = 1.80			
12 beta-BHC									
1	100	4.793	4.793	0.000	48461208	24.9			
2	2	4.835	4.835	0.000	13019981	25.0			
						RPD = 0.13			
13 delta-BHC									
1	100	4.940	4.941	-0.001	118205666	24.6			
2	2	5.068	5.068	0.000	30139195	25.1			
						RPD = 1.96			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	116102277	25.5			
2	2	5.116	5.116	0.000	28713831	25.2			
						RPD = 1.08			
16 Aldrin									
1	-65	5.376	5.377	-0.001	110029401	25.1			
2	2	5.391	5.391	0.000	28928951	25.4			
						RPD = 1.03			
18 Isodrin									
1	100	5.692	5.693	-0.001	78687615	22.6			
2	2	5.762	5.762	0.000	17565539	23.9			
						RPD = 5.30			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	99069249	25.3			
2	2	5.946	5.946	0.000	26306671	25.3			
						RPD = 0.31			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	104720500	24.9			
2	2	6.148	6.149	-0.001	27595528	25.2			
						RPD = 1.26			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	99262739	24.8			
2	2	6.301	6.301	0.000	26696464	25.3			
						RPD = 1.87			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	100390960	25.0			
2	2	6.476	6.475	0.001	27342973	25.3			
						RPD = 0.98			
26 Endosulfan I									M
1	100	6.390	6.391	-0.001	93569171	25.9			
2	2	6.358	6.358	0.000	25684264	25.9			M
						RPD = 0.08			
28 Dieldrin									
1	100	6.636	6.636	0.000	84412837	23.6			
2	2	6.637	6.637	0.000	25740886	24.6			
						RPD = 4.46			
30 Endrin									M
1	-65	6.866	6.866	0.000	82983235	25.2			M
2	2	6.938	6.937	0.001	20843455	23.7			
						RPD = 6.21			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	87870722	26.7			
2	2	7.049	7.049	0.000	23357466	26.3			
						RPD = 1.47			
34 Endosulfan II									
1	100	7.086	7.085	0.001	82850922	25.4			
2	2	7.142	7.143	-0.001	22019564	24.6			
						RPD = 3.34			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.199	7.198	0.001	81701493	24.4			
2	2	7.349	7.349	0.000	20379768	24.4			
						RPD = 0.37			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	53229227	21.6			
2	2	7.465	7.465	0.000	18326136	25.0			
						RPD = 14.47			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	40445791	24.9			
2	2	7.985	7.986	-0.001	10690141	25.5			
						RPD = 2.15			
38 Mirex									
1	100	7.798	7.799	-0.001	41864012	24.1			
2	2	8.175	8.176	-0.001	14946742	24.1			
						RPD = 0.22			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	73756687	24.7			
2	2	7.722	7.722	0.000	19564489	24.7			
						RPD = 0.17			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	79441151	25.5			
2	2	8.208	8.209	-0.001	22410654	24.4			
						RPD = 4.22			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	53922931	24.9			
2	2	9.371	9.371	0.000	15657788	24.5			
						RPD = 1.42			

QC Flag Legend

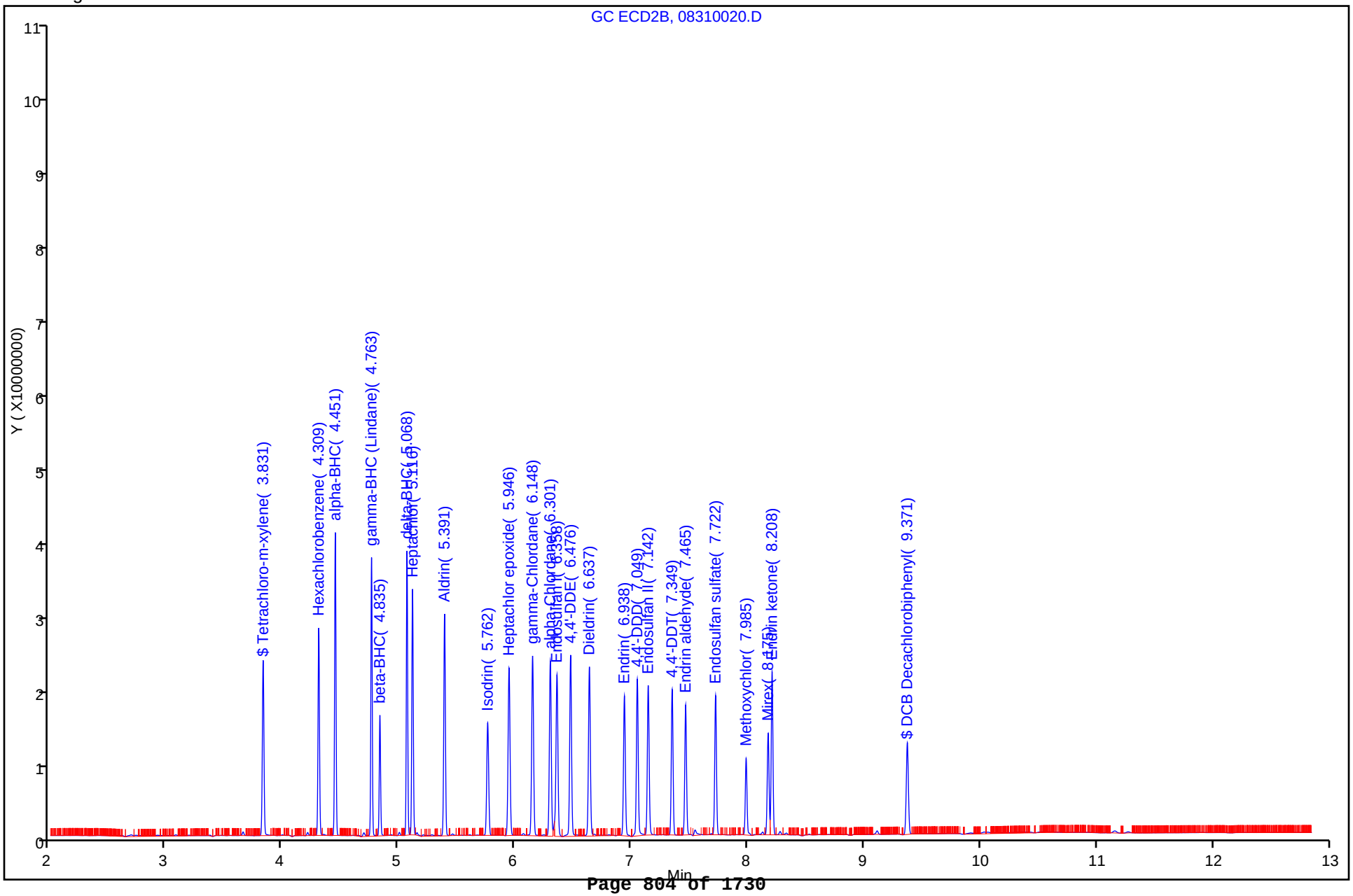
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:31 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D

Injection Date:	31-Aug-2011 17:27:29	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	12
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 01-Sep-2011 13:52:31 Chrom Revision: 1.2 13-Jul-2011 10:43:06

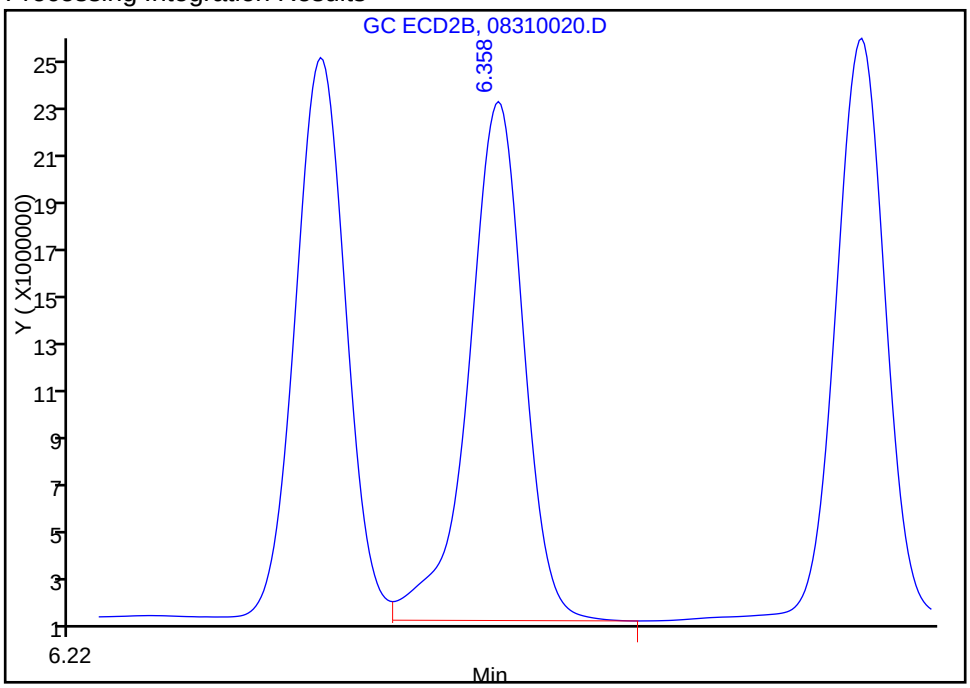
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310020.D		
Injection Date:	31-Aug-2011 17:27:29	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	12
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

26 Endosulfan I, Signal: 2, Type: quant, RT: 6.36, Det: GC ECD2B

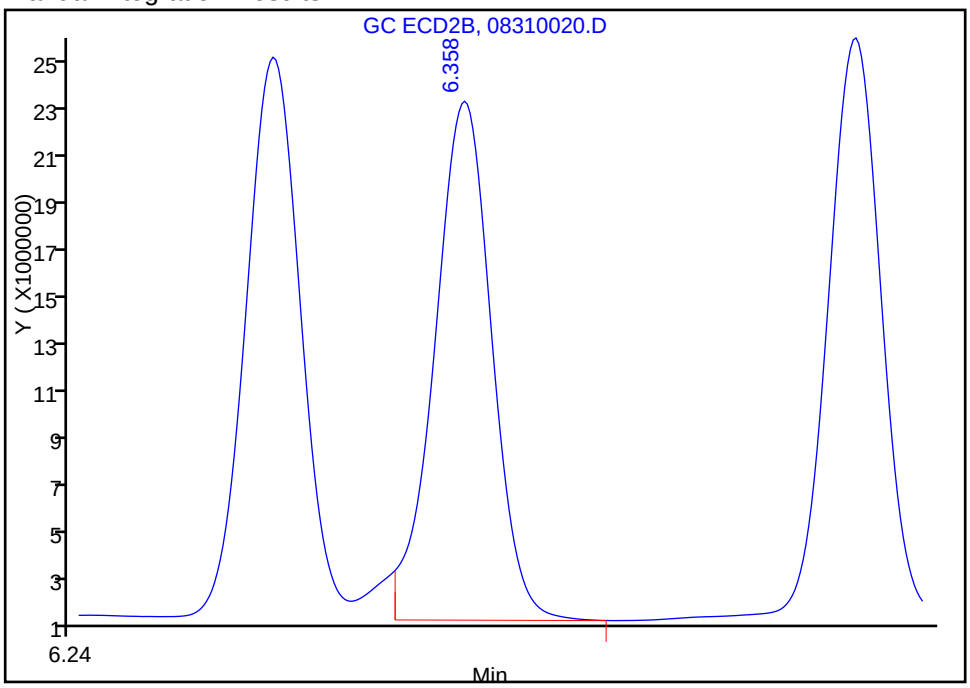
Processing Integration Results

RT: 6.36
Response: 26733263
Amount: 26.799650



Manual Integration Results

RT: 6.36
Response: 25684264
Amount: 25.923648



Reviewer: reamb, 01-Sep-2011 09:37:51
Audit Action: Manually Integrated
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D		
Lims ID:	STD2 AB	Client ID:	
Inject. Date:	31-Aug-2011 17:44:06	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	IC-818996 AB L2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	15
Lims Batch ID:	83947	Lims Sample ID:	13
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:34	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:36:38

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						41.1			
2						31.7			
						RPD = 26.02			
$ 7 Tetrachloro-m-xylene									
1	100	3.852	3.851	0.001	35375984	10.3			
2	2	3.830	3.830	0.000	9653150	10.2			
						RPD = 0.12			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	37807003	10.2			
2	2	4.308	4.308	0.000	10960251	10.6			
						RPD = 4.07			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	53707752	10.1			
2	2	4.451	4.451	0.000	14507039	10.3			
						RPD = 2.09			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.716	0.000	48338204	9.90			
2	2	4.762	4.763	-0.001	12955267	10.3			
						RPD = 3.77			
12 beta-BHC									
1	100	4.792	4.793	-0.001	20193778	9.71			
2	2	4.835	4.835	0.000	5979829	10.6			
						RPD = 8.62			
13 delta-BHC									
1	100	4.940	4.941	-0.001	47711454	9.96			
2	2	5.067	5.068	-0.001	12739833	10.4			
						RPD = 4.70			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.115	-0.001	48254462	10.3			
2	2	5.116	5.116	0.000	12399338	10.6			
						RPD = 2.20			
16 Aldrin									
1	-65	5.377	5.377	0.000	45270968	10.1			
2	2	5.391	5.391	0.000	12041215	10.3			
						RPD = 1.86			
18 Isodrin									
1	100	5.692	5.693	-0.001	33972506	10.0			
2	2	5.762	5.762	0.000	7789736	11.0			
						RPD = 9.21			
22 Heptachlor epoxide									
1	-65	5.972	5.972	0.000	41393548	10.4			
2	2	5.946	5.946	0.000	11384107	10.5			
						RPD = 1.79			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	43276620	10.2			
2	2	6.148	6.149	-0.001	11765410	10.5			
						RPD = 2.94			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	41554207	10.2			
2	2	6.301	6.301	0.000	11461413	10.6			
						RPD = 3.45			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	41109611	10.1			
2	2	6.475	6.475	0.000	11830493	10.5			
						RPD = 3.81			
26 Endosulfan I									M
1	100	6.390	6.391	-0.001	40099301	10.6			
2	2	6.357	6.358	-0.001	10942224	10.4			M
						RPD = 1.64			
28 Dieldrin									
1	100	6.635	6.636	-0.001	35809763	10.0			
2	2	6.637	6.637	0.000	11068079	10.5			
						RPD = 4.49			
30 Endrin									M
1	-65	6.866	6.866	0.000	34027032	10.3			M
2	2	6.938	6.937	0.001	9147038	10.4			
						RPD = 0.57			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	36658216	10.1			
2	2	7.049	7.049	0.000	10809443	10.3			
						RPD = 2.52			
34 Endosulfan II									
1	100	7.085	7.085	0.000	34279224	10.3			
2	2	7.143	7.143	0.000	9872637	10.7			
						RPD = 3.24			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	33536984	9.92			
2	2	7.349	7.349	0.000	8400728	9.96			
						RPD = 0.40			
36 Endrin aldehyde									
1	-65	7.486	7.486	0.000	23520313	9.98			
2	2	7.464	7.465	-0.001	7610408	10.1			
						RPD = 1.15			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	17399283	10.4			
2	2	7.985	7.986	-0.001	4532600	9.93			
						RPD = 4.58			
38 Mirex									
1	100	7.799	7.799	0.000	19266040	10.9			
2	2	8.174	8.176	-0.002	6741483	10.3			
						RPD = 4.92			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	31462806	10.2			
2	2	7.722	7.722	0.000	8410787	10.2			
						RPD = 0.16			
40 Endrin ketone									M
1	-65	8.150	8.150	0.000	28771826	9.22			M
2	2	8.208	8.209	-0.001	9637097	10.2			
						RPD = 9.81			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.061	0.000	23358864	10.3			
2	2	9.372	9.371	0.001	7022467	10.4			
						RPD = 0.64			

QC Flag Legend

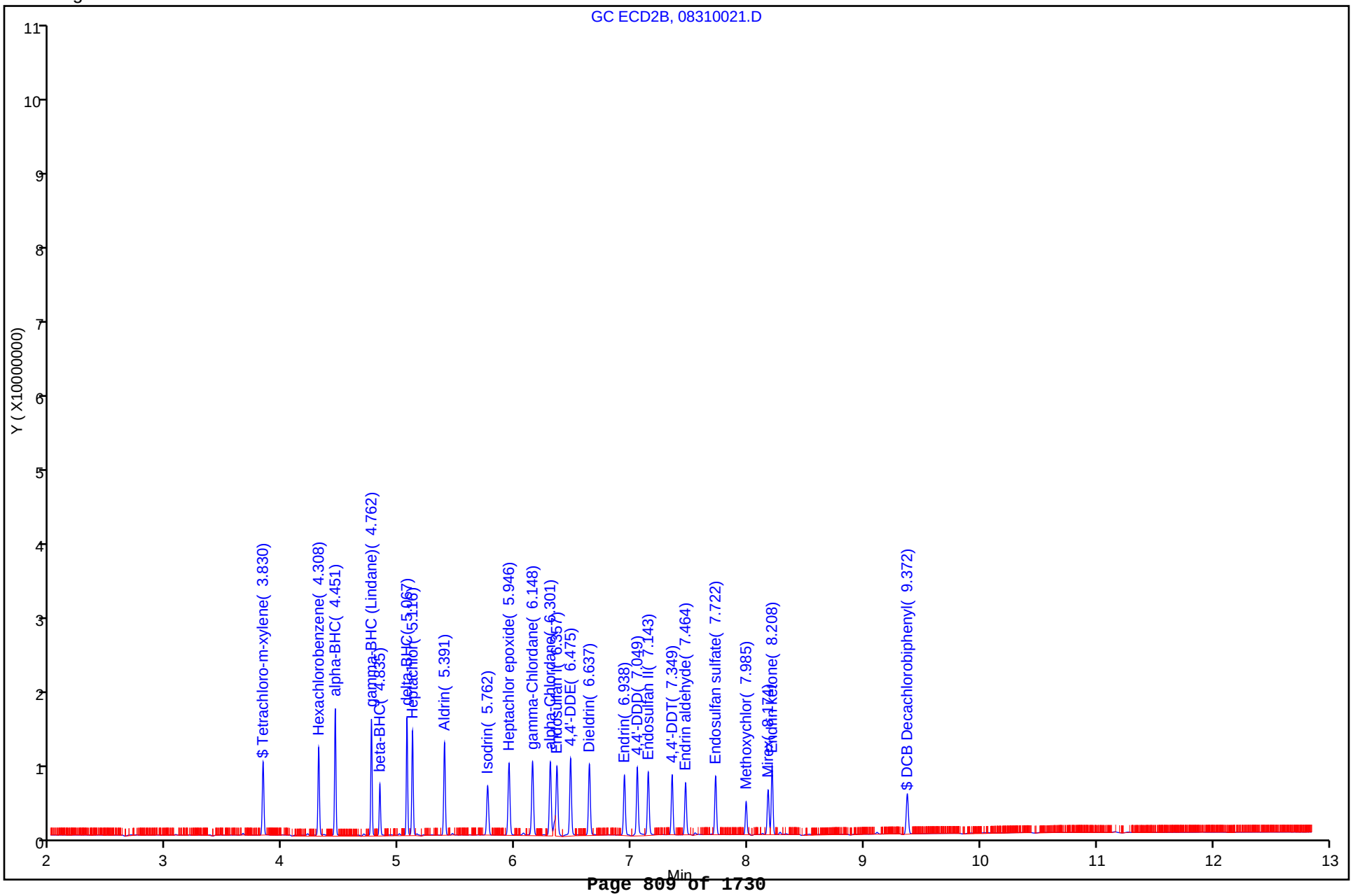
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:35 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D

Injection Date:	31-Aug-2011 17:44:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	13
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 01-Sep-2011 13:52:35 Chrom Revision: 1.2 13-Jul-2011 10:43:06

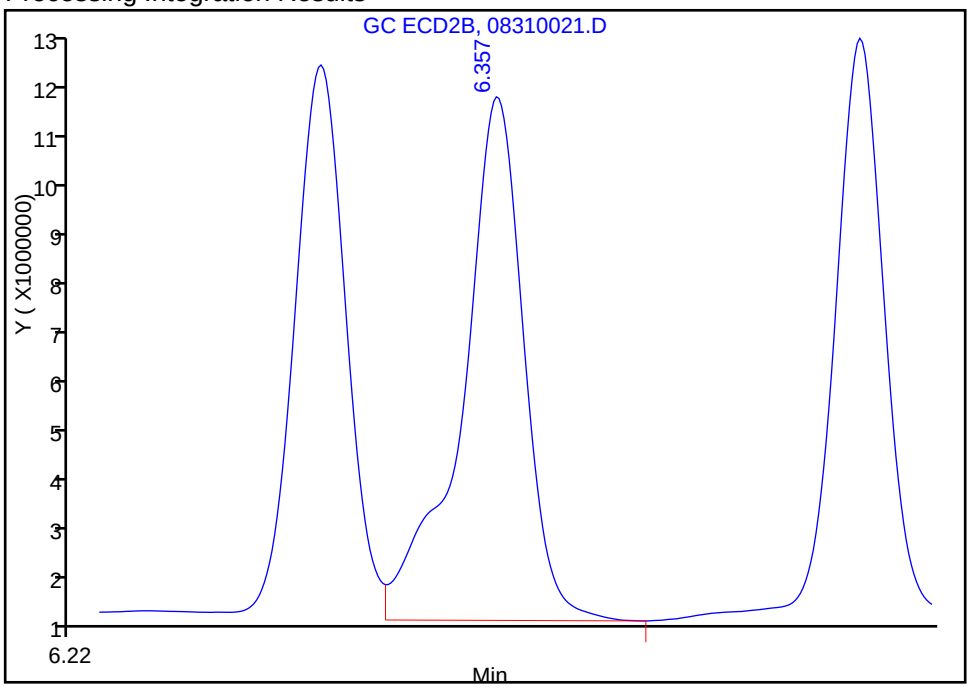
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310021.D		
Injection Date:	31-Aug-2011 17:44:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	13
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

26 Endosulfan I, Signal: 2, Type: quant, RT: 6.36, Det: GC ECD2B

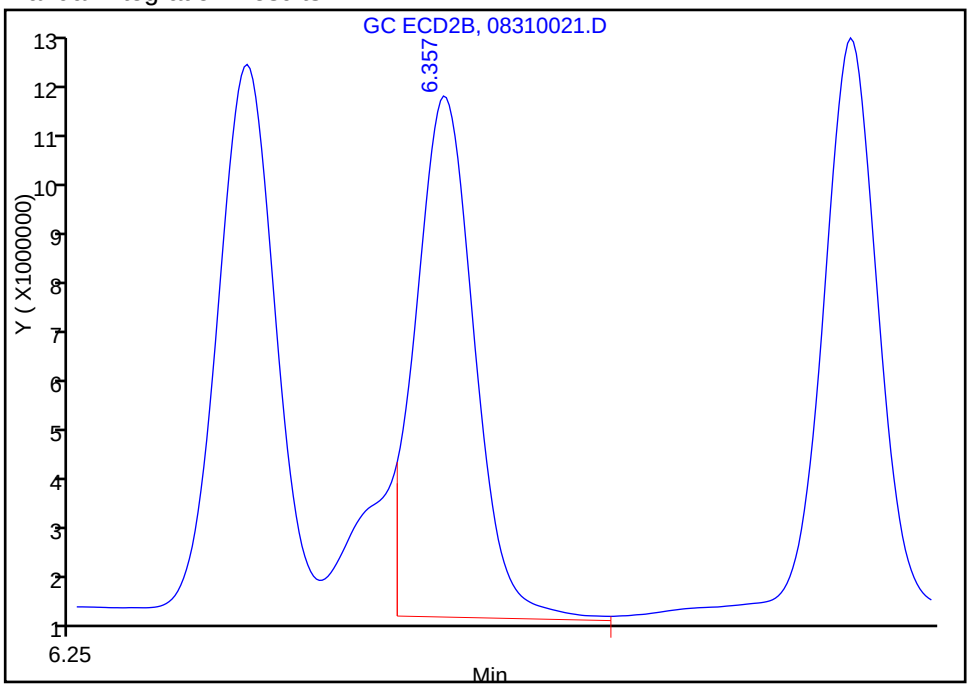
Processing Integration Results

RT: 6.36
Response: 12920750
Amount: 12.120709



Manual Integration Results

RT: 6.36
Response: 10942224
Amount: 10.411083



Reviewer: reamb, 01-Sep-2011 09:36:38
Audit Action: Assigned New Baseline
Audit Reason: Split Peak

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310022.D		
Lims ID:	STD1 AB	Client ID:	
Inject. Date:	31-Aug-2011 18:00:35	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	IC-819004 AB L1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	16
Lims Batch ID:	83947	Lims Sample ID:	14
Sublist:	chrom-OCP_CHP2*sub5		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:38	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						15.8			
2						11.7			
						RPD = 29.60			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	14222228	3.96			
2	2	3.830	3.830	0.000	4012750	3.96			
						RPD = 0.02			
8 Hexachlorobenzene									
1	100	4.258	4.259	-0.001	15683053	3.98			
2	2	4.308	4.308	0.000	4694721	3.91			
						RPD = 1.75			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	20800435	3.99			
2	2	4.451	4.451	0.000	6133525	3.96			
						RPD = 0.89			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.716	-0.001	20264730	4.02			
2	2	4.762	4.763	-0.001	5495131	3.95			
						RPD = 1.62			
12 beta-BHC									
1	100	4.792	4.793	-0.001	9671752	4.04			
2	2	4.835	4.835	0.000	2714335	3.92			
						RPD = 3.22			
13 delta-BHC									
1	100	4.939	4.941	-0.002	19070836	4.01			
2	2	5.067	5.068	-0.001	5011301	3.93			
						RPD = 1.99			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.115	-0.002	19640630	3.94			
2	2	5.115	5.116	-0.001	4997175	3.91			
						RPD = 0.71			
16 Aldrin									
1	-65	5.376	5.377	-0.001	18711593	3.98			
2	2	5.391	5.391	0.000	4897728	3.94			
						RPD = 0.82			
18 Isodrin									
1	100	5.692	5.693	-0.001	12942926	4.04			
2	2	5.762	5.762	0.000	2963168	4.10			
						RPD = 1.52			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	16634579	3.94			
2	2	5.946	5.946	0.000	4647027	3.91			
						RPD = 0.64			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	17144784	3.97			
2	2	6.148	6.149	-0.001	4653163	3.92			
						RPD = 1.30			
24 alpha-Chlordane									
1	-65	6.247	6.249	-0.002	16878815	3.97			
2	2	6.300	6.301	-0.001	4558902	3.91			
						RPD = 1.60			
25 4,4'-DDE									
1	-65	6.325	6.326	-0.001	16512415	3.98			
2	2	6.475	6.475	0.000	4846558	3.91			
						RPD = 1.60			
26 Endosulfan I									
1	100	6.389	6.391	-0.002	16829509	3.90			
2	2	6.357	6.358	-0.001	4772219	3.92			
						RPD = 0.50			
28 Dieldrin									
1	100	6.635	6.636	-0.001	14094771	3.93			
2	2	6.637	6.637	0.000	4323360	3.94			
						RPD = 0.03			
30 Endrin									
1	-65	6.865	6.866	-0.001	13623672	4.14			
2	2	6.937	6.937	0.000	3913883	4.45			
						RPD = 7.21			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	16223005	2.60			
2	2	7.049	7.049	0.000	5323587	2.45			
						RPD = 6.13			
34 Endosulfan II									
1	100	7.084	7.085	-0.001	13785440	3.94			
2	2	7.143	7.143	0.000	3988167	3.91			
						RPD = 0.90			

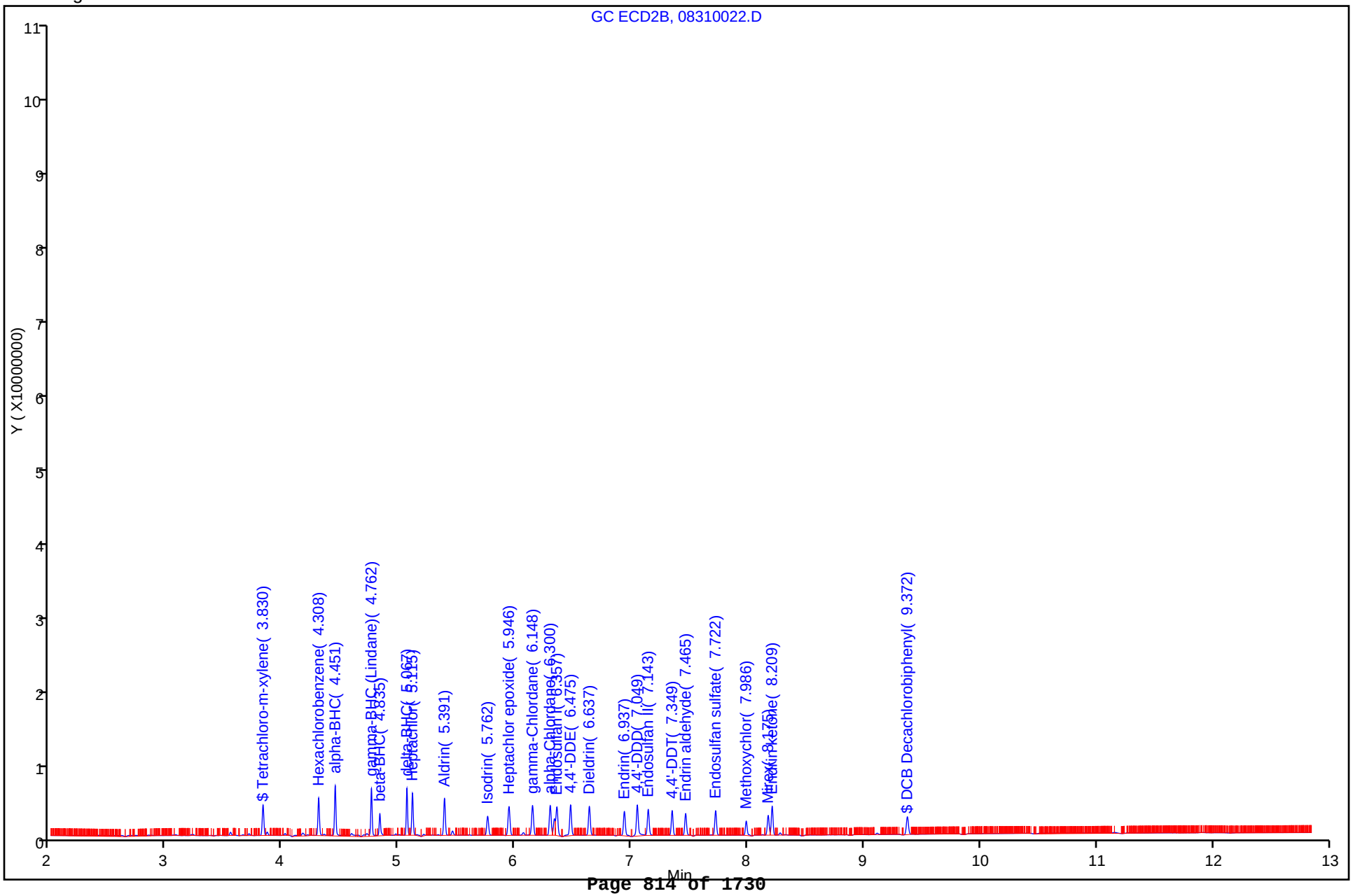
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.197	7.198	-0.001	13860227	4.02			
2	2	7.349	7.349	0.000	3484720	4.01			
						RPD = 0.21			
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	9074955	4.31			
2	2	7.465	7.465	0.000	3219764	3.98			
						RPD = 7.94			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	7161038	3.94			
2	2	7.986	7.986	0.000	2182370	4.00			
						RPD = 1.47			
38 Mirex									
1	100	7.798	7.799	-0.001	8570438	4.01			
2	2	8.175	8.176	-0.001	2939910	3.96			
						RPD = 1.13			
39 Endosulfan sulfate									
1	-65	7.892	7.892	0.000	13178138	3.97			
2	2	7.722	7.722	0.000	3552883	3.97			
						RPD = 0.11			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	11871505	3.80			
2	2	8.209	8.209	0.000	4082731	3.98			
						RPD = 4.58			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.061	-0.002	9949326	3.95			
2	2	9.372	9.371	0.001	3081789	3.95			
						RPD = 0.00			

Report Date: 01-Sep-2011 13:52:39 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310022.D

Injection Date:	31-Aug-2011 18:00:35	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	14
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Toxaphene Peak 1	5.544	5.545	5.544	5.544	5.545	5.544					5.524 - 5.564	5.544
Toxaphene Peak 2	6.399	6.400	6.399	6.399	6.400	6.399					6.379 - 6.419	6.399
Toxaphene Peak 3	6.956	6.956	6.954	6.956	6.955	6.956					6.935 - 6.975	6.956
Toxaphene Peak 4	7.402	7.401	7.401	7.402	7.402	7.402					7.380 - 7.420	7.402
Toxaphene Peak 5	7.889	7.890	7.889	7.890	7.890	7.890					7.868 - 7.908	7.890

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.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 6	LVL 3	LVL 4		B	M1	M2								
Toxaphene Peak 1	9304.9 8540.3	9999.2 8954.4	9396.1	9547.9	Lin1	286268.996	8870.59674							0.9980		0.9900
Toxaphene Peak 2	46859 44608	50849 45152	42804	49019	Lin1	945463.010	45162.0132							0.9980		0.9900
Toxaphene Peak 3	46958 47917	49880 44213	45605	47092	Lin1	1027730.40	45436.7374							0.9980		0.9900
Toxaphene Peak 4	97059 97203	104928 97255	99165	100984	Lin1	1297955.81	97528.8718							1.0000		0.9900
Toxaphene Peak 5	40340 44527	44643 44075	42284	43496	Lin1	-685950.13	44233.8159							1.0000		0.9900

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 Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	Lin1	1860973 89543699	4999607	9396103	19095725	42701666	200 10000	500	1000	2000	5000
Toxaphene Peak 2	Lin1	9371872 451521885	25424564	42803803	98038713	223041587	200 10000	500	1000	2000	5000
Toxaphene Peak 3	Lin1	9391589 442129378	24939894	45604774	94184866	239582871	200 10000	500	1000	2000	5000
Toxaphene Peak 4	Lin1	19411724 972551394	52464223	99165479	201968647	486016171	200 10000	500	1000	2000	5000
Toxaphene Peak 5	Lin1	8068070 440753065	22321588	42283905	86992637	222637392	200 10000	500	1000	2000	5000

Curve Type Legend:
Lin1 = Linear 1/conc

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D		
Lims ID:	STD6 TOX	Client ID:	
Inject. Date:	31-Aug-2011 18:33:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	IC-817101 TOX L6		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	18
Lims Batch ID:	83947	Lims Sample ID:	16
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:44	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:39:25

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	89543699	10062		100.0	M
1	-65	6.399	6.399	0.000	451521885	9976.9	493.4- 533.4	504.2	M
1	-65	6.956	6.955	0.001	442129378	9708.0	473.2- 513.2	493.8	M
1	-65	7.402	7.400	0.002	972551394	9958.6	1037.7-1077.7	1086.1	M
1	-65	7.890	7.888	0.002	440753065	9979.7	435.6- 475.6	492.2	M
			Average of Peak Amounts =			9937.1			
2	6	5.481	5.481	0.000	25872005	9831.9		100.0	M
2	7	6.219	6.218	0.001	78150125	9570.1	273.5- 333.5	302.1	M
2	8	6.909	6.907	0.002	151420435	9623.9	555.4- 615.4	585.3	M
2	9	7.472	7.470	0.002	275583679	9527.5	1046.7-1106.7	1065.2	M
2	10	8.041	8.041	0.000	125682979	9592.9	456.6- 516.6	485.8	M
			Average of Peak Amounts =			9629.3			
						RPD = 3.15			

QC Flag Legend

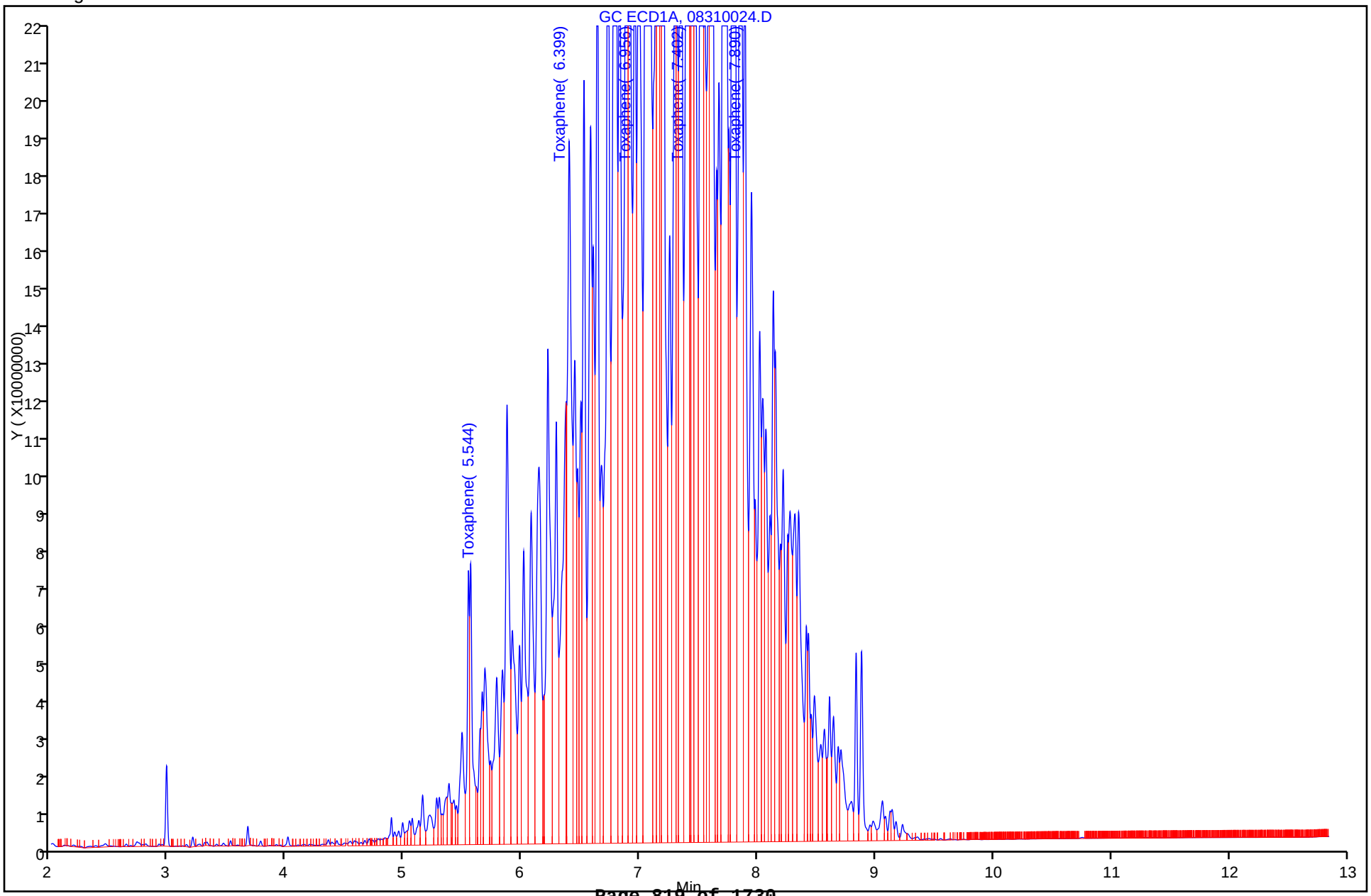
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:45 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D

Injection Date:	31-Aug-2011 18:33:36	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	16
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

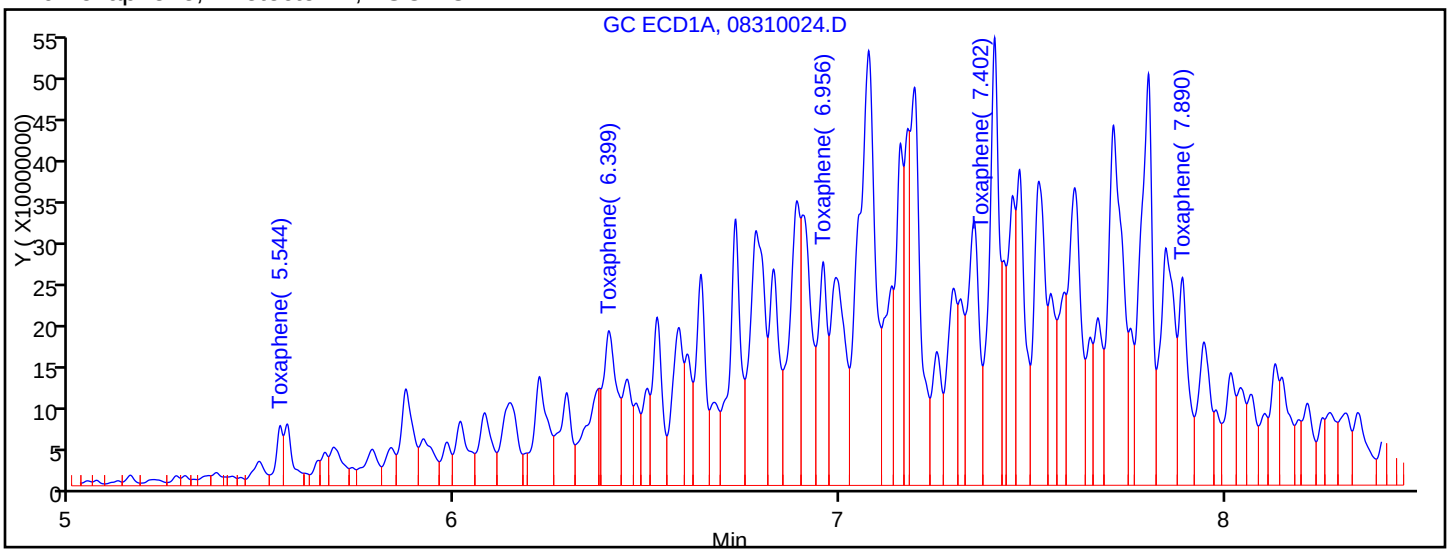


Report Date: 01-Sep-2011 13:52:45 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D

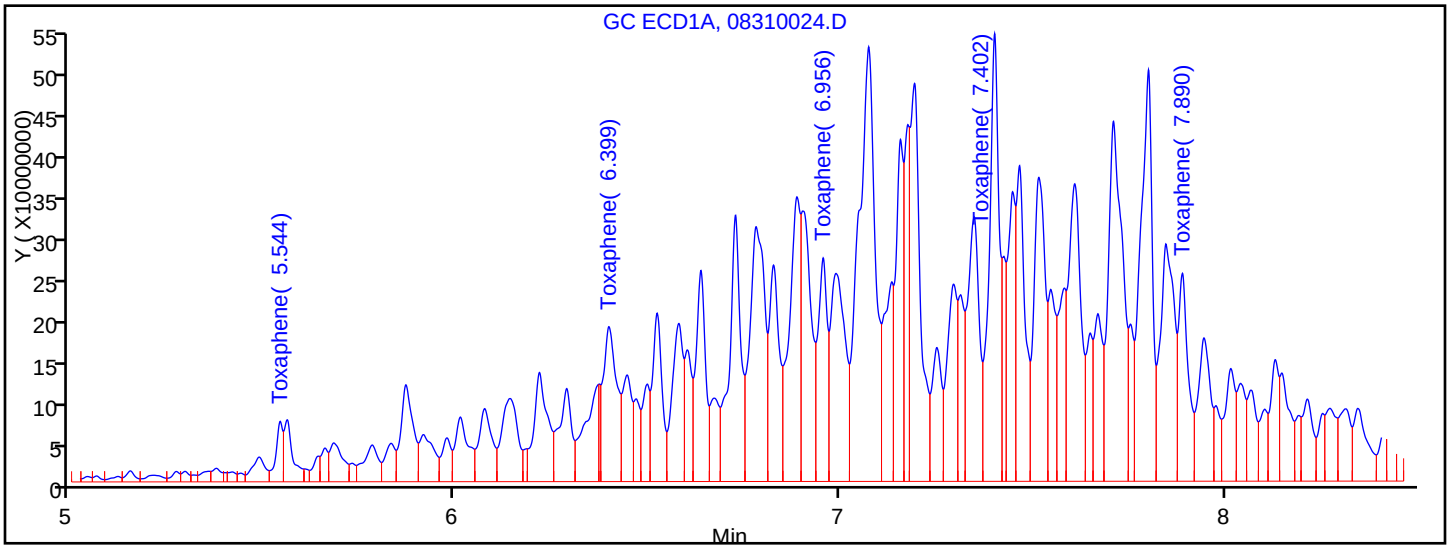
Injection Date:	31-Aug-2011 18:33:36	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	16
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 88417883	M
RT = 6.399	Response = 450062364	M
RT = 6.956	Response = 441271596	M
RT = 7.402	Response = 971375358	M
RT = 7.890	Response = 439807292	M



Manual Integration Results

RT = 5.544	Response = 89543699	M
RT = 6.399	Response = 451521885	M
RT = 6.956	Response = 442129378	M
RT = 7.402	Response = 972551394	M
RT = 7.890	Response = 440753065	M

Reviewer: reamb, 01-Sep-2011 09:39:25

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D		
Lims ID:	STD5 TOX	Client ID:	
Inject. Date:	31-Aug-2011 18:50:12	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	IC-817111 TOX L5		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	83947	Lims Sample ID:	17
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:49	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:39:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.545	5.544	0.001	42701666	4781.6		100.0	M
1	-65	6.400	6.399	0.001	223041587	4917.8	493.4- 533.4	522.3	M
1	-65	6.955	6.955	0.000	239582871	5250.3	473.2- 513.2	561.1	M
1	-65	7.402	7.400	0.002	486016171	4970.0	1037.7-1077.7	1138.2	M
1	-65	7.890	7.888	0.002	222637392	5048.7	435.6- 475.6	521.4	M
			Average of Peak Amounts =			4993.7			
2	6	5.481	5.481	0.000	12465879	4701.8		100.0	M
2	7	6.219	6.218	0.001	40437028	4926.1	273.5- 333.5	324.4	M
2	8	6.909	6.907	0.002	77206386	4896.7	555.4- 615.4	619.3	M
2	9	7.472	7.470	0.002	144314924	4979.4	1046.7-1106.7	1157.7	M
2	10	8.041	8.041	0.000	65185785	4976.2	456.6- 516.6	522.9	M
			Average of Peak Amounts =			4896.0			
						RPD = 1.97			

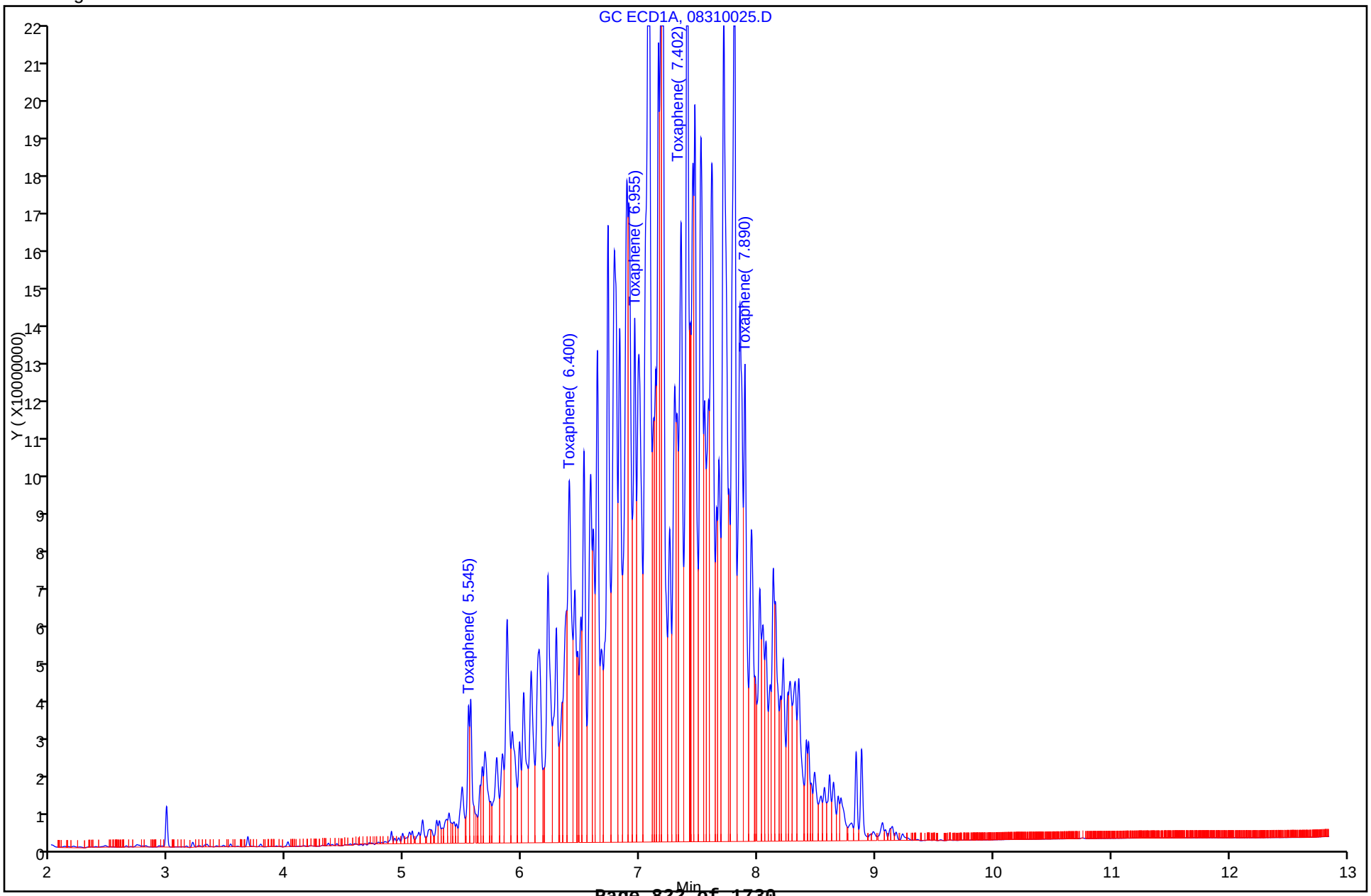
QC Flag Legend

Review Flags
M - Manually Integrated

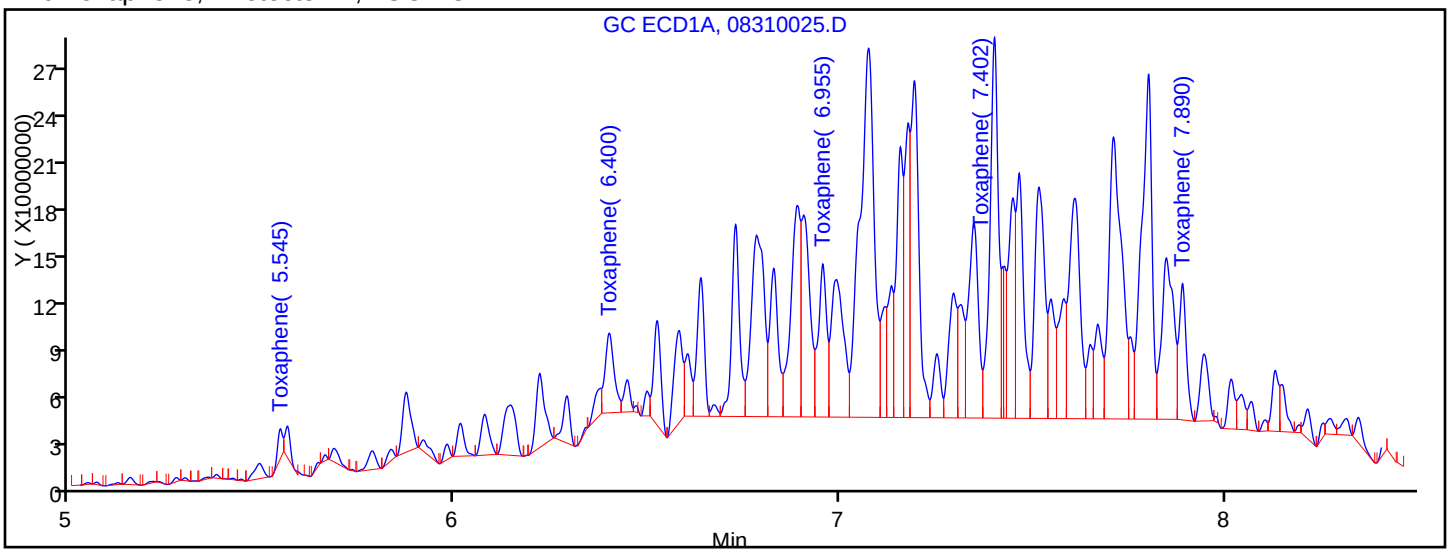
Report Date: 01-Sep-2011 13:52:50 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D		
Injection Date:	31-Aug-2011 18:50:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	17
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

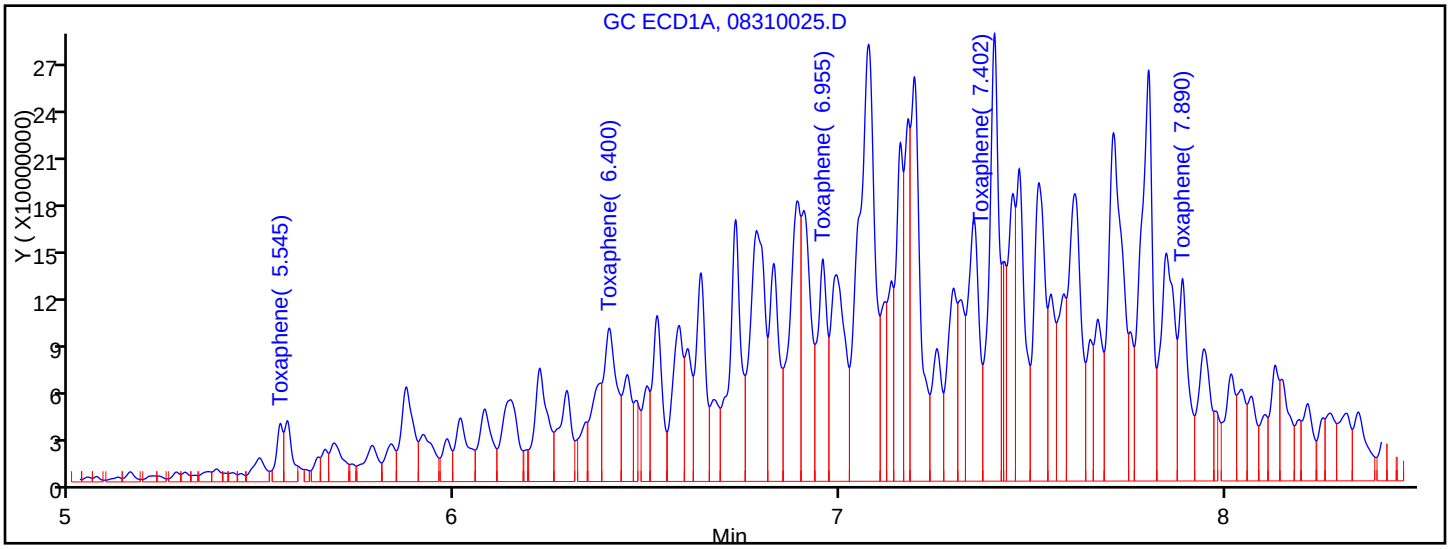


Report Date: 01-Sep-2011 13:52:50 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D
Injection Date: 31-Aug-2011 18:50:12 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 17
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.545	Response = 16608048	M
RT = 6.400	Response = 82237279	M
RT = 6.955	Response = 144148186	M
RT = 7.402	Response = 362462259	M
RT = 7.890	Response = 111500696	M



Manual Integration Results

RT = 5.545	Response = 42701666	M
RT = 6.400	Response = 223041587	M
RT = 6.955	Response = 239582871	M
RT = 7.402	Response = 486016171	M
RT = 7.890	Response = 222637392	M

Reviewer: reamb, 01-Sep-2011 09:39:53
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D
Lims ID: STD4 TOX
Client ID:
Inject. Date: 31-Aug-2011 19:06:41
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 4
Sample ID: IC-817114 TOX L4
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 20
Lims Batch ID: 83947
Lims Sample ID: 18
Sublist: chrom-OCP_CHP2*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:53
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 01-Sep-2011 09:26:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	19095725	2120.4		100.0	M
1	-65	6.399	6.399	0.000	98038713	2149.9	493.4- 533.4	513.4	M
1	-65	6.956	6.956	0.000	94184866	2050.3	473.2- 513.2	493.2	M
1	-65	7.402	7.402	0.000	201968647	2057.6	1037.7-1077.7	1057.7	M
1	-65	7.890	7.890	0.000	86992637	1982.2	435.6- 475.6	455.6	M
			Average of Peak Amounts =			2072.1			
2	6	5.481	5.481	0.000	5532827	2048.7		100.0	M
2	7	6.220	6.220	0.000	16793025	2014.6	273.5- 333.5	303.5	M
2	8	6.908	6.908	0.000	32388551	2042.0	555.4- 615.4	585.4	M
2	9	7.472	7.472	0.000	59570213	2043.3	1046.7-1106.7	1076.7	M
2	10	8.041	8.041	0.000	26925401	2056.4	456.6- 516.6	486.6	M
			Average of Peak Amounts =			2041.0			
						RPD = 1.51			

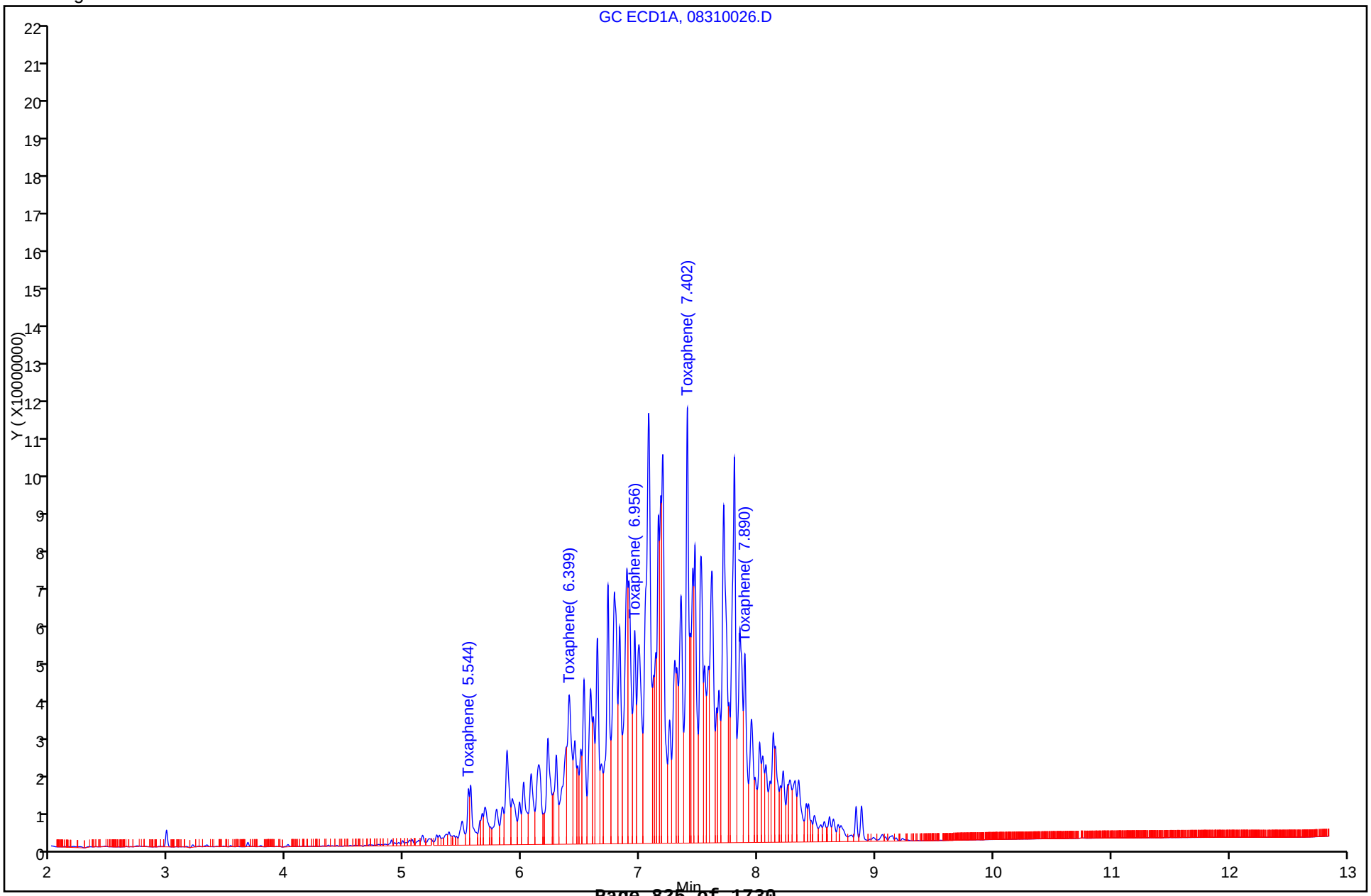
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D		
Injection Date:	31-Aug-2011 19:06:41	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	18
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

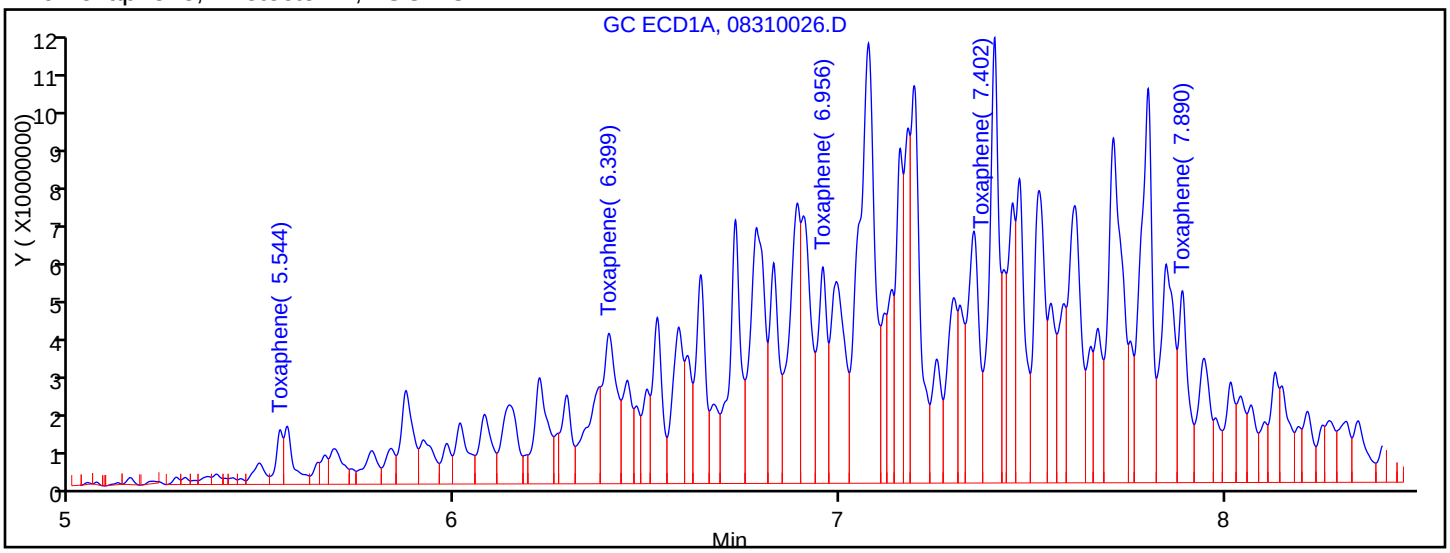


Report Date: 01-Sep-2011 13:52:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D

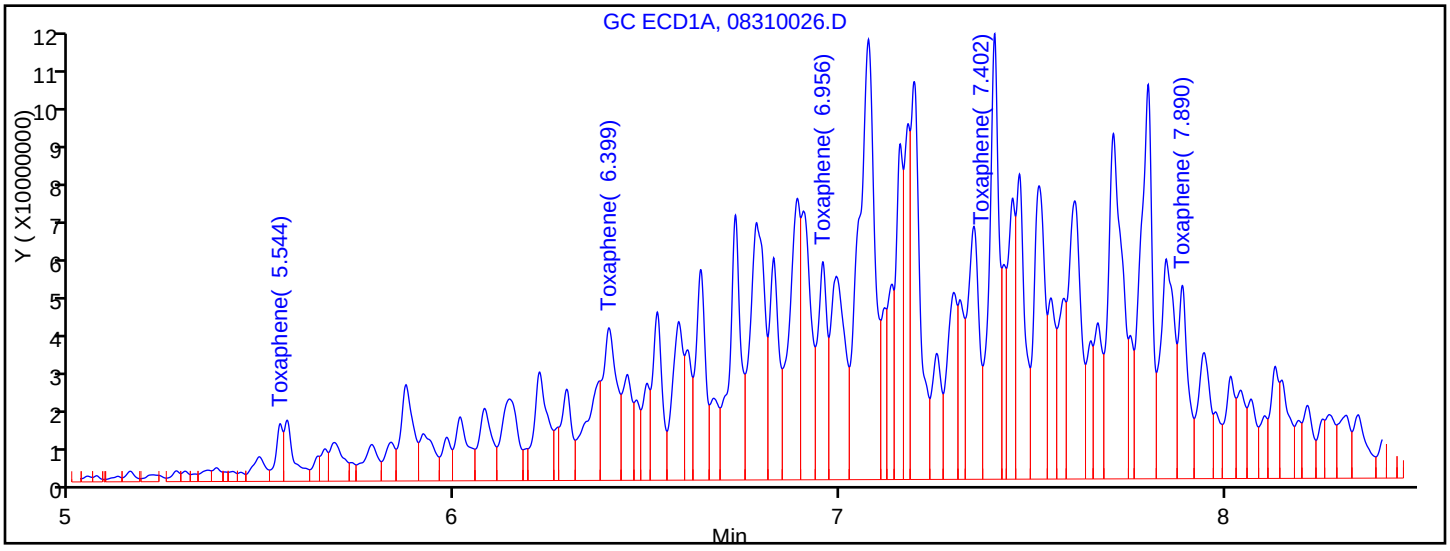
Injection Date:	31-Aug-2011 19:06:41	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	18
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 17179280	M
RT = 6.399	Response = 95487477	M
RT = 6.956	Response = 92658930	M
RT = 7.402	Response = 199917910	M
RT = 7.890	Response = 85321729	M



Manual Integration Results

RT = 5.544	Response = 19095725	M
RT = 6.399	Response = 98038713	M
RT = 6.956	Response = 94184866	M
RT = 7.402	Response = 201968647	M
RT = 7.890	Response = 86992637	M

Reviewer: reamb, 01-Sep-2011 09:40:19

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D		
Lims ID:	STD3 TOX	Client ID:	
Inject. Date:	31-Aug-2011 19:23:12	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	IC-817118 TOX L3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	21
Lims Batch ID:	83947	Lims Sample ID:	19
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:56	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:41:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	9396103	1027.0		100.0	M
1	-65	6.399	6.399	0.000	42803803	926.8	493.4- 533.4	455.5	M
1	-65	6.954	6.955	-0.001	45604774	981.1	473.2- 513.2	485.4	M
1	-65	7.401	7.400	0.001	99165479	1003.5	1037.7-1077.7	1055.4	M
1	-65	7.889	7.888	0.001	42283905	971.4	435.6- 475.6	450.0	M
			Average of Peak Amounts =			982.0			
2	6	5.482	5.481	0.001	2846162	1020.6		100.0	M
2	7	6.219	6.218	0.001	8738301	1022.7	273.5- 333.5	307.0	M
2	8	6.908	6.907	0.001	16095178	1004.1	555.4- 615.4	565.5	M
2	9	7.471	7.470	0.001	29709194	1008.7	1046.7-1106.7	1043.8	M
2	10	8.040	8.041	-0.001	13124871	1003.2	456.6- 516.6	461.1	M
			Average of Peak Amounts =			1011.9			
						RPD = 3.00			

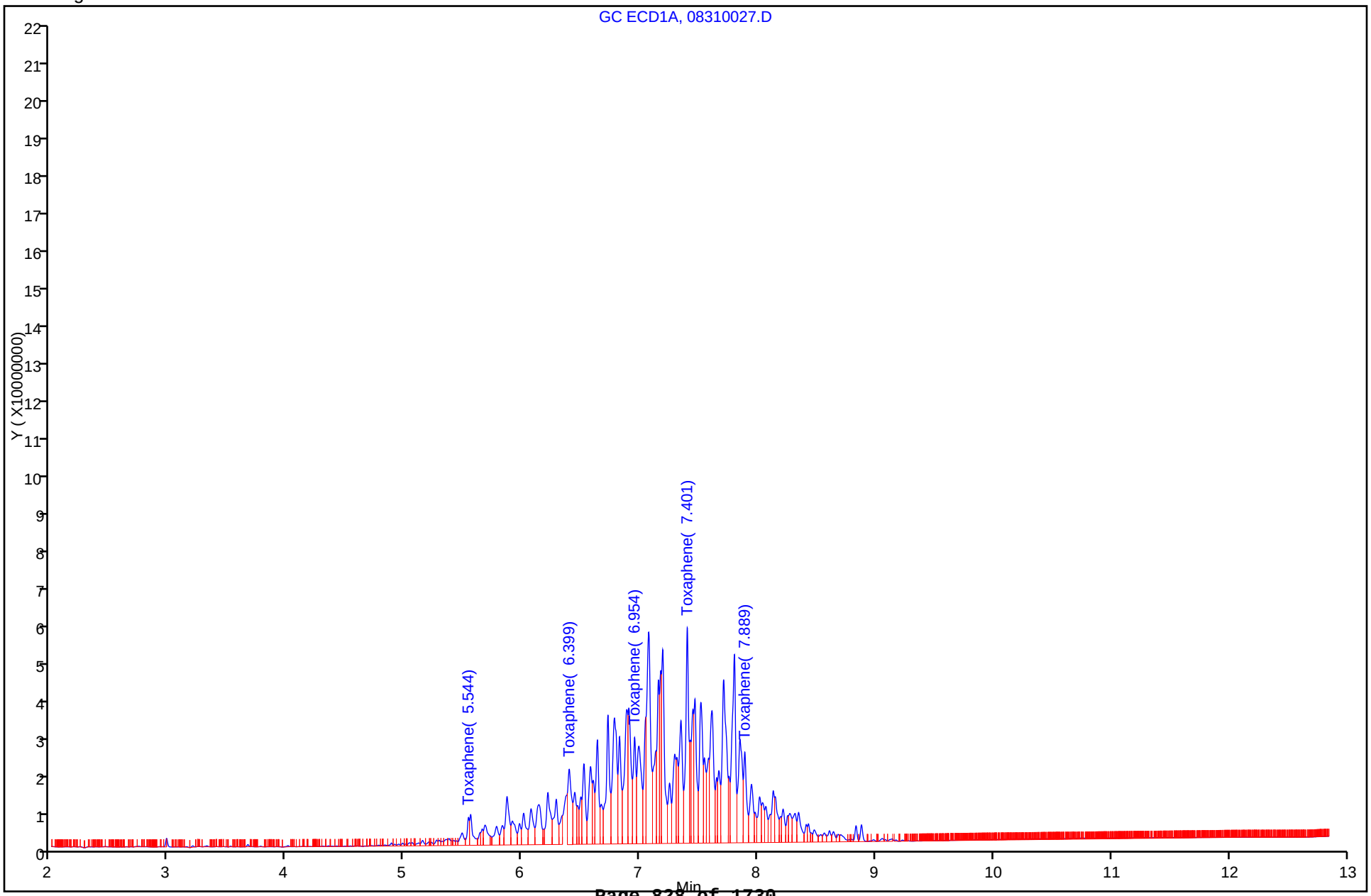
QC Flag Legend

Review Flags
M - Manually Integrated

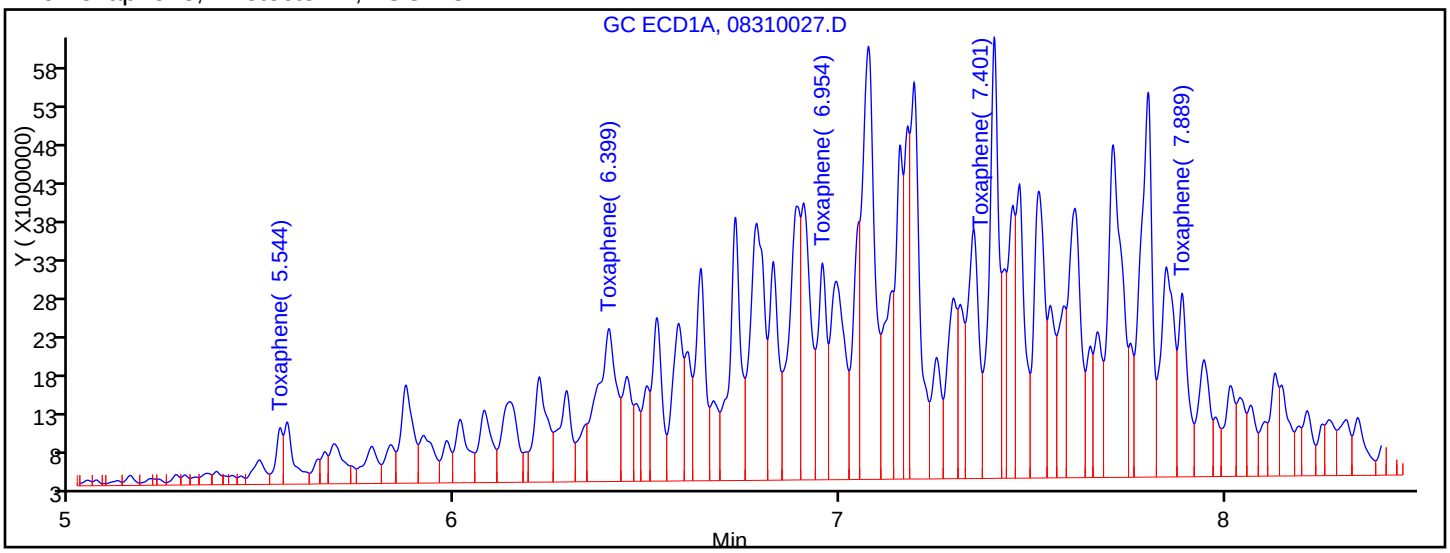
Report Date: 01-Sep-2011 13:52:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D		
Injection Date:	31-Aug-2011 19:23:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	19
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

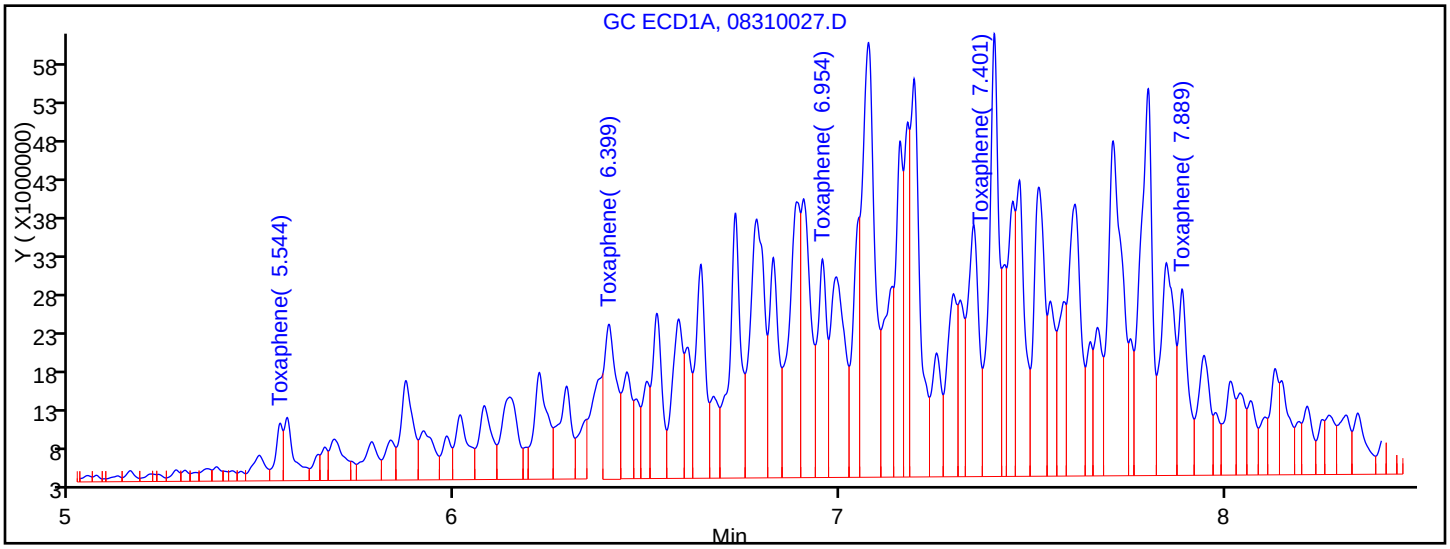


Report Date: 01-Sep-2011 13:52:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D
Injection Date: 31-Aug-2011 19:23:12 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 19
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 9063545	M
RT = 6.399	Response = 68907200	M
RT = 6.954	Response = 44971223	M
RT = 7.401	Response = 98084225	M
RT = 7.889	Response = 41173434	M



Manual Integration Results

RT = 5.544	Response = 9396103	M
RT = 6.399	Response = 42803803	M
RT = 6.954	Response = 45604774	M
RT = 7.401	Response = 99165479	M
RT = 7.889	Response = 42283905	M

Reviewer: reamb, 01-Sep-2011 09:41:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D		
Lims ID:	STD2 TOX	Client ID:	
Inject. Date:	31-Aug-2011 19:39:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	IC-817121 TOX L2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	22
Lims Batch ID:	83947	Lims Sample ID:	20
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:53:00	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:42:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.545	5.544	0.001	4999607	531.3		100.0	M
1	-65	6.400	6.399	0.001	25424564	542.0	493.4- 533.4	508.5	M
1	-65	6.956	6.955	0.001	24939894	526.3	473.2- 513.2	498.8	M
1	-65	7.401	7.400	0.001	52464223	524.6	1037.7-1077.7	1049.4	M
1	-65	7.890	7.888	0.002	22321588	520.1	435.6- 475.6	446.5	M
			Average of Peak Amounts =			528.9			
2	6	5.481	5.481	0.000	1562615	529.4		100.0	M
2	7	6.219	6.218	0.001	4707272	526.3	273.5- 333.5	301.2	M
2	8	6.909	6.907	0.002	8632299	528.8	555.4- 615.4	552.4	M
2	9	7.472	7.470	0.002	15601253	519.9	1046.7-1106.7	998.4	M
2	10	8.041	8.041	0.000	6711360	513.8	456.6- 516.6	429.5	M
			Average of Peak Amounts =			523.6			
						RPD = 1.00			

QC Flag Legend

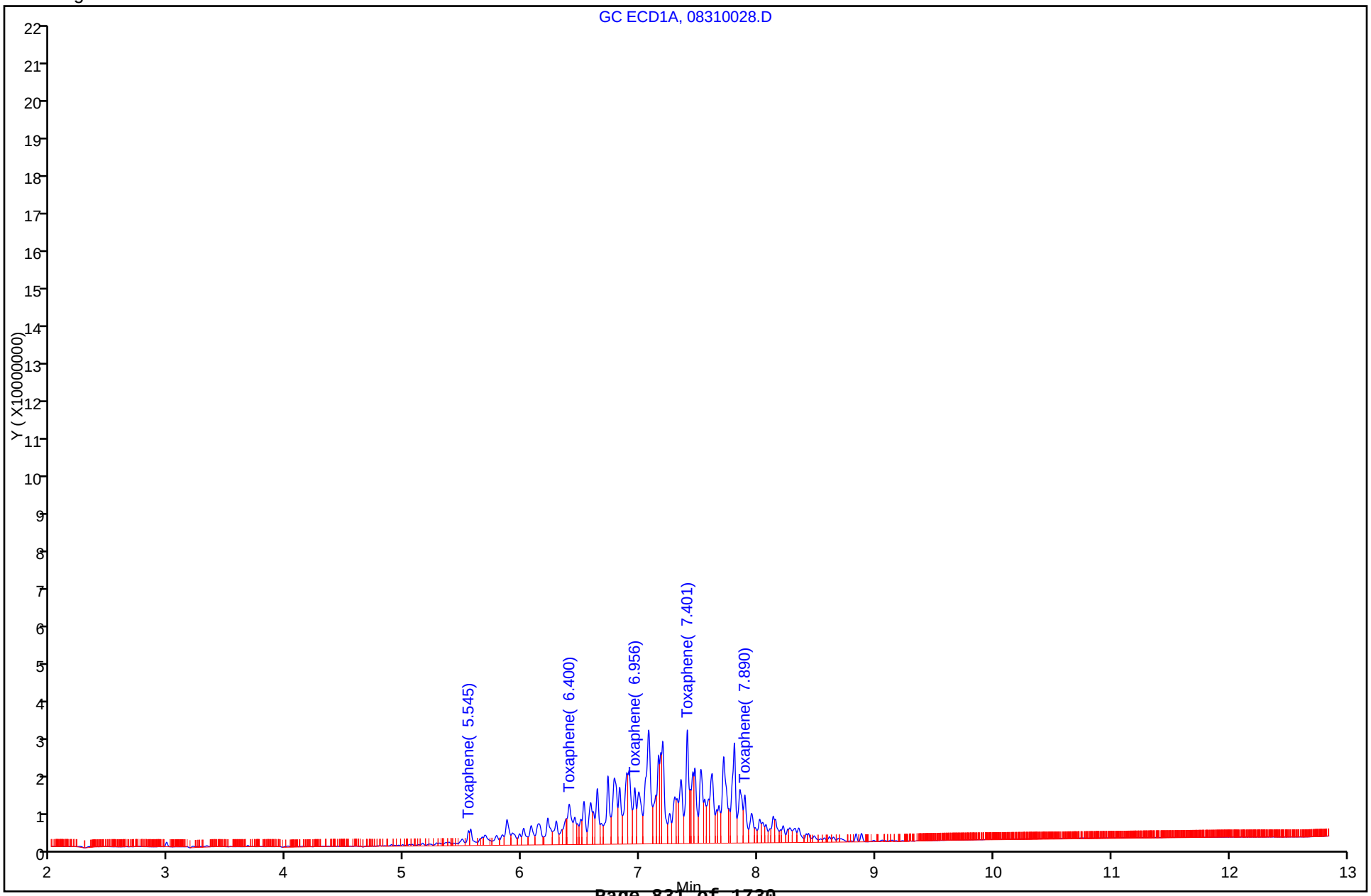
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:53:01 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D

Injection Date:	31-Aug-2011 19:39:40	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	20
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

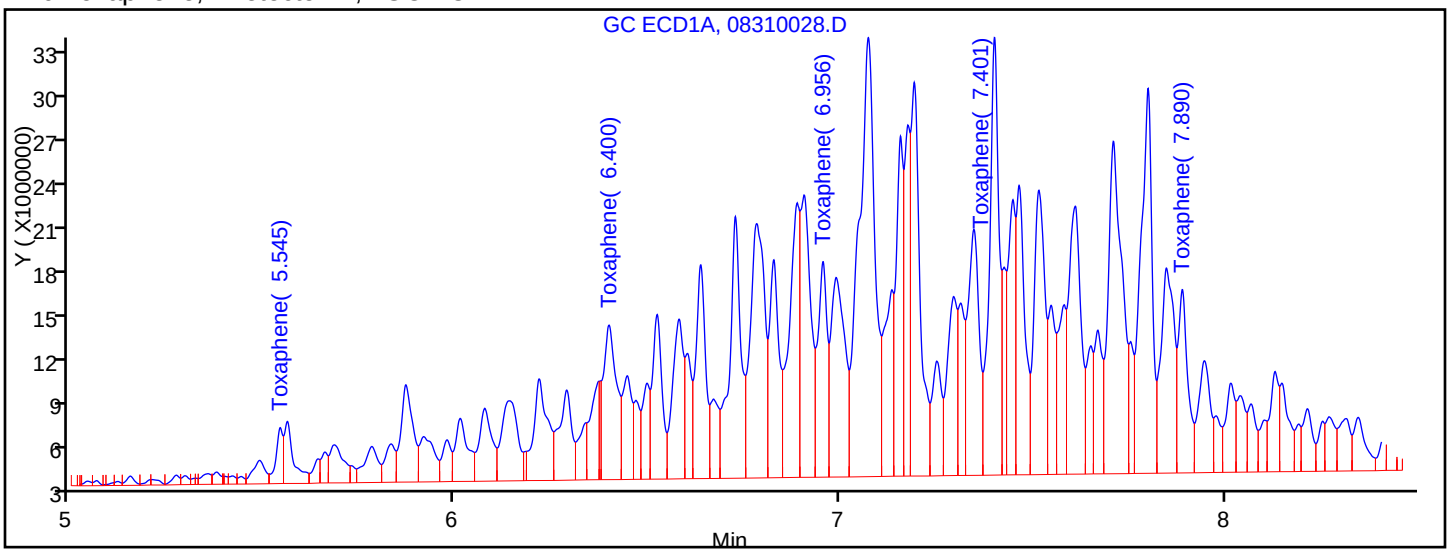


Report Date: 01-Sep-2011 13:53:01 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D

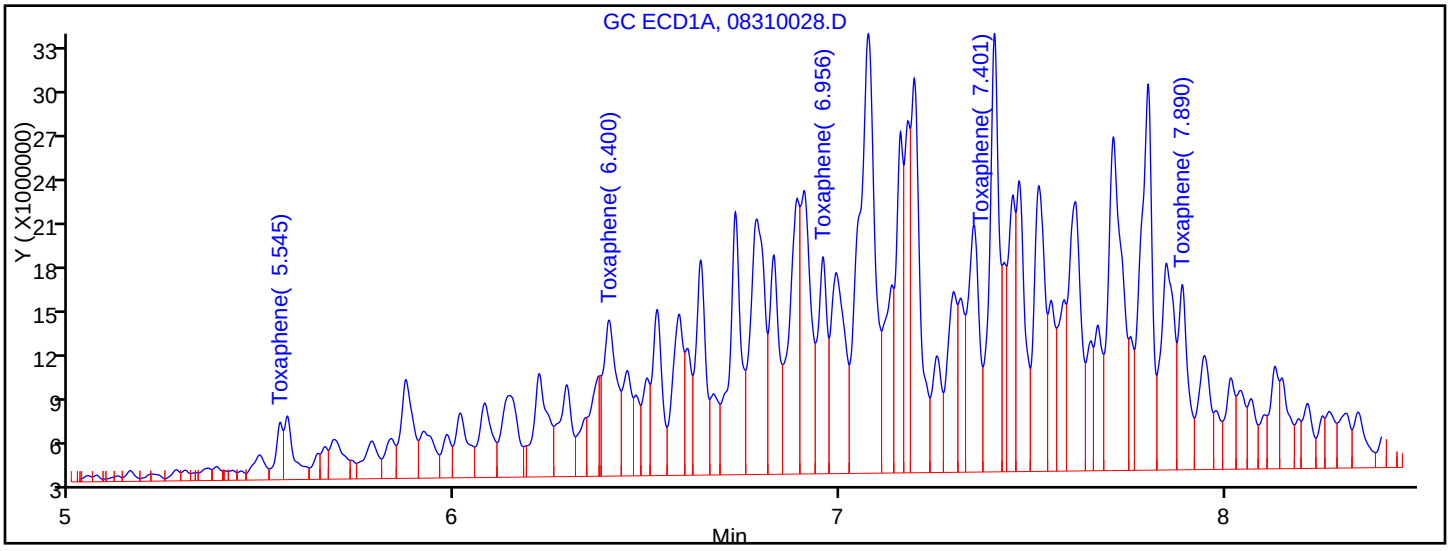
Injection Date:	31-Aug-2011 19:39:40	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	20
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.545	Response = 4731712	M
RT = 6.400	Response = 24989465	M
RT = 6.956	Response = 24624575	M
RT = 7.401	Response = 51990759	M
RT = 7.890	Response = 21868656	M



Manual Integration Results

RT = 5.545	Response = 4999607	M
RT = 6.400	Response = 25424564	M
RT = 6.956	Response = 24939894	M
RT = 7.401	Response = 52464223	M
RT = 7.890	Response = 22321588	M

Reviewer: reamb, 01-Sep-2011 09:42:35

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D
Lims ID: STD1 TOX
Client ID:
Inject. Date: 31-Aug-2011 19:56:13
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 1
Sample ID: IC-817122 TOX L1
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 23
Lims Batch ID: 83947
Lims Sample ID: 21
Sublist: chrom-OCP_CHP2*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:53:05
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 01-Sep-2011 09:43:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	1860973	177.5		100.0	M
1	-65	6.399	6.399	0.000	9371872	186.6	493.4- 533.4	503.6	M
1	-65	6.956	6.955	0.001	9391589	184.1	473.2- 513.2	504.7	M
1	-65	7.402	7.400	0.002	19411724	185.7	1037.7-1077.7	1043.1	M
1	-65	7.889	7.888	0.001	8068070	197.9	435.6- 475.6	433.5	M
			Average of Peak Amounts =			186.4			
2	6	5.482	5.481	0.001	687409	194.5		100.0	M
2	7	6.219	6.218	0.001	2016833	195.0	273.5- 333.5	293.4	M
2	8	6.910	6.907	0.003	3394454	195.1	555.4- 615.4	493.8	M
2	9	7.472	7.470	0.002	6260882	196.3	1046.7-1106.7	910.8	M
2	10	8.040	8.041	-0.001	2564433	197.3	456.6- 516.6	373.1	M
			Average of Peak Amounts =			195.6			
						RPD = 4.86			

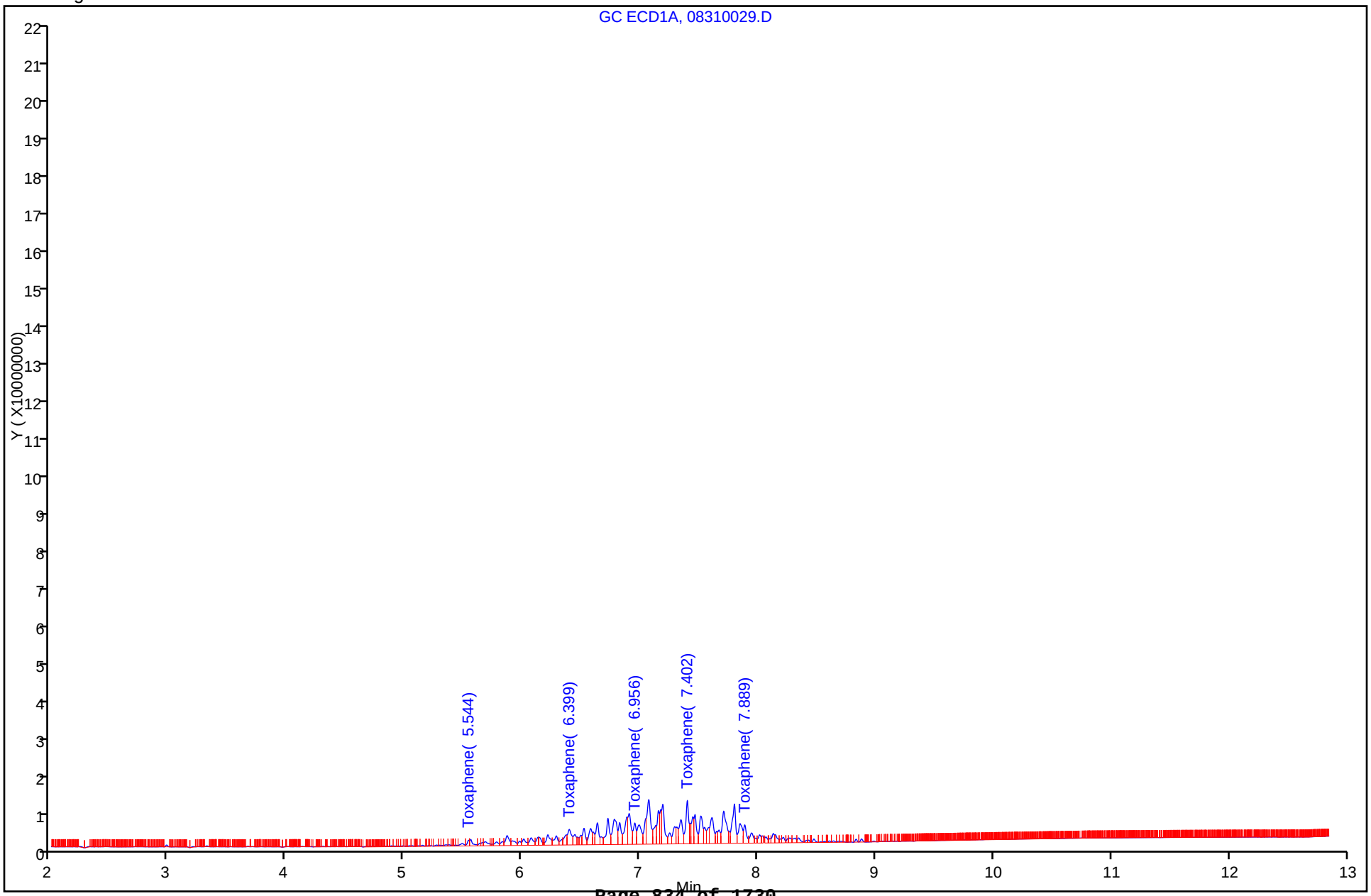
QC Flag Legend

Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:53:07 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D		
Injection Date:	31-Aug-2011 19:56:13	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	21
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

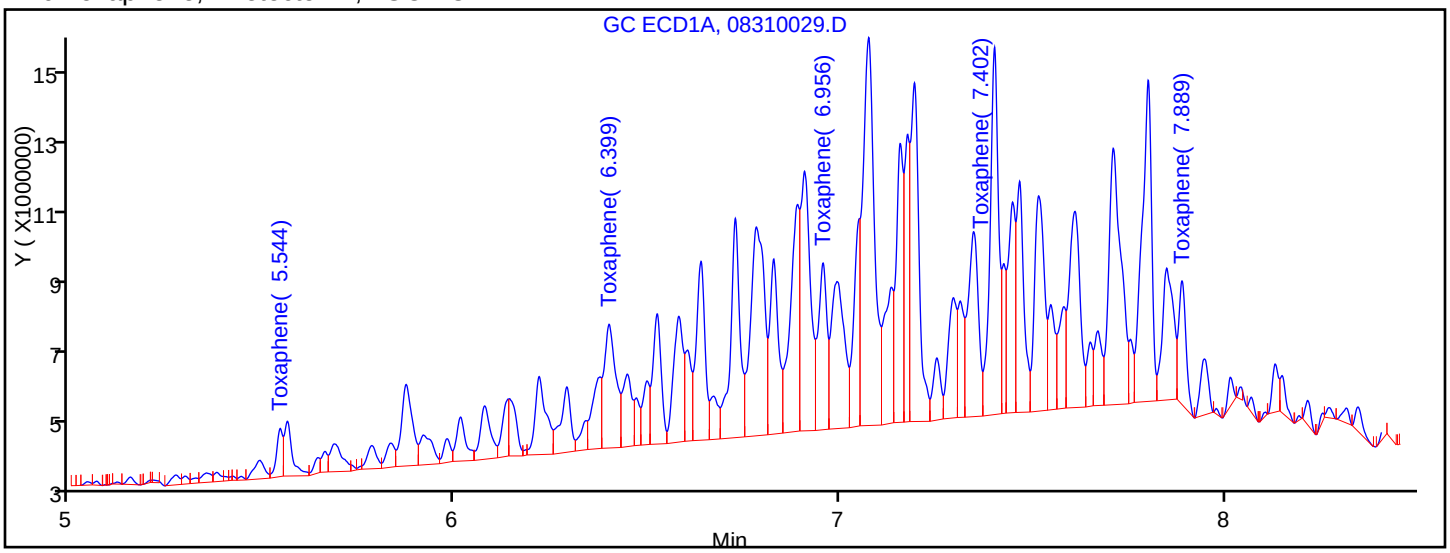


Report Date: 01-Sep-2011 13:53:07 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D

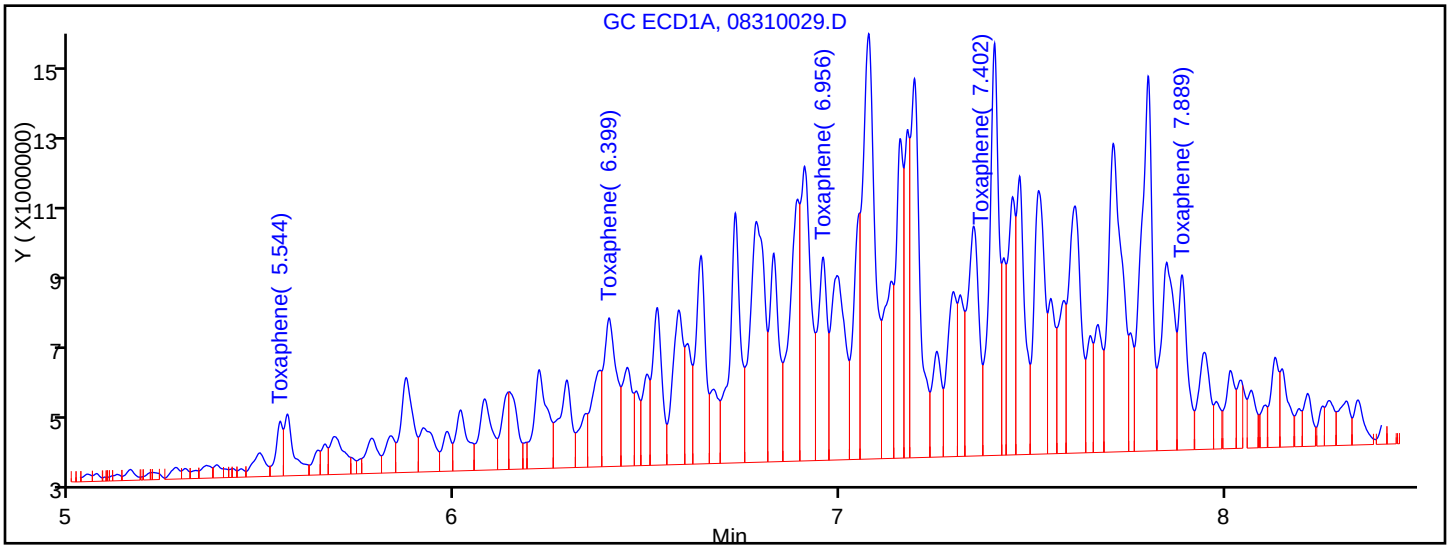
Injection Date:	31-Aug-2011 19:56:13	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	21
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 1476770	M
RT = 6.399	Response = 7223439	M
RT = 6.956	Response = 7201082	M
RT = 7.402	Response = 15525796	M
RT = 7.889	Response = 4461442	M



Manual Integration Results

RT = 5.544	Response = 1860973	M
RT = 6.399	Response = 9371872	M
RT = 6.956	Response = 9391589	M
RT = 7.402	Response = 19411724	M
RT = 7.889	Response = 8068070	M

Reviewer: reamb, 01-Sep-2011 09:43:26

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Toxaphene Peak 1	5.482	5.481	5.482	5.481	5.481	5.481					5.461 - 5.501	5.481
Toxaphene Peak 2	6.219	6.219	6.219	6.220	6.219	6.219					6.198 - 6.238	6.219
Toxaphene Peak 3	6.910	6.909	6.908	6.908	6.909	6.909					6.887 - 6.927	6.909
Toxaphene Peak 4	7.472	7.472	7.471	7.472	7.472	7.472					7.450 - 7.490	7.472
Toxaphene Peak 5	8.040	8.041	8.040	8.041	8.041	8.041					8.021 - 8.061	8.041

FORM VI
PESTICIDES INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.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 6	LVL 3	LVL 4		B	M1	M2								
Toxaphene Peak 1	3437.0 2493.2	3125.2 2587.2	2846.2	2766.4	Lin2	179076.829	2613.22512							0.9970		0.9900
Toxaphene Peak 2	10084 8087.4	9414.5 7815.0	8738.3	8396.5	Lin2	433082.009	8120.80315							0.9980		0.9900
Toxaphene Peak 3	16972 15441	17265 15142	16095	16194	Lin2	331037.542	15699.4186							0.9980		0.9900
Toxaphene Peak 4	31304 28863	31203 27558	29709	29785	Lin2	596251.907	28862.5921							0.9990		0.9900
Toxaphene Peak 5	12822 13037	13423 12568	13125	13463	Lin2	-21015.099	13103.8074							0.9990		0.9900

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 Denver Job No.: 280-20042-1 Analy Batch No.: 83947

SDG No.:

Instrument ID: CHGCS_P2 GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/31/2011 18:33 Calibration End Date: 08/31/2011 19:56 Calibration ID: 7018

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 280-83947/21	08310029.D
Level 2	STD2 280-83947/20	08310028.D
Level 3	STD3 280-83947/19	08310027.D
Level 4	STD4 280-83947/18	08310026.D
Level 5	STD5 280-83947/17	08310025.D
Level 6	STD6 280-83947/16	08310024.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	Lin2	687409 25872005	1562615	2846162	5532827	12465879	200 10000	500	1000	2000	5000
Toxaphene Peak 2	Lin2	2016833 78150125	4707272	8738301	16793025	40437028	200 10000	500	1000	2000	5000
Toxaphene Peak 3	Lin2	3394454 151420435	8632299	16095178	32388551	77206386	200 10000	500	1000	2000	5000
Toxaphene Peak 4	Lin2	6260882 275583679	15601253	29709194	59570213	144314924	200 10000	500	1000	2000	5000
Toxaphene Peak 5	Lin2	2564433 125682979	6711360	13124871	26925401	65185785	200 10000	500	1000	2000	5000

Curve Type Legend:
Lin2 = Linear 1/conc^2

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D		
Lims ID:	STD6 TOX	Client ID:	
Inject. Date:	31-Aug-2011 18:33:36	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	IC-817101 TOX L6		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	18
Lims Batch ID:	83947	Lims Sample ID:	16
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:44	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:39:25

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	89543699	10062		100.0	M
1	-65	6.399	6.399	0.000	451521885	9976.9	493.4- 533.4	504.2	M
1	-65	6.956	6.955	0.001	442129378	9708.0	473.2- 513.2	493.8	M
1	-65	7.402	7.400	0.002	972551394	9958.6	1037.7-1077.7	1086.1	M
1	-65	7.890	7.888	0.002	440753065	9979.7	435.6- 475.6	492.2	M
			Average of Peak Amounts =			9937.1			
2	6	5.481	5.481	0.000	25872005	9831.9		100.0	M
2	7	6.219	6.218	0.001	78150125	9570.1	273.5- 333.5	302.1	M
2	8	6.909	6.907	0.002	151420435	9623.9	555.4- 615.4	585.3	M
2	9	7.472	7.470	0.002	275583679	9527.5	1046.7-1106.7	1065.2	M
2	10	8.041	8.041	0.000	125682979	9592.9	456.6- 516.6	485.8	M
			Average of Peak Amounts =			9629.3			
						RPD = 3.15			

QC Flag Legend

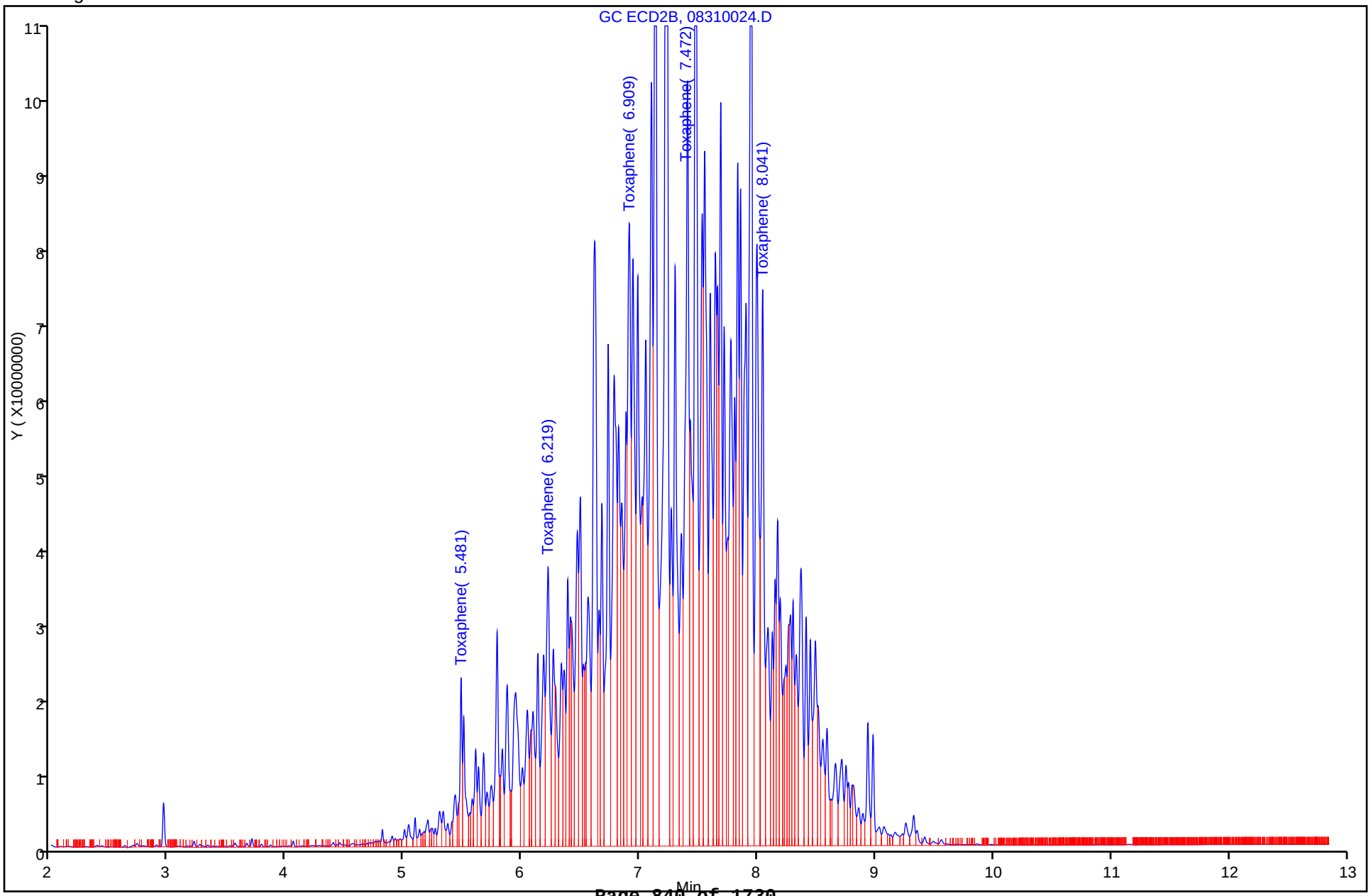
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:46 Chrom Revision: 1.2 13-Jul-2011 10:43:06

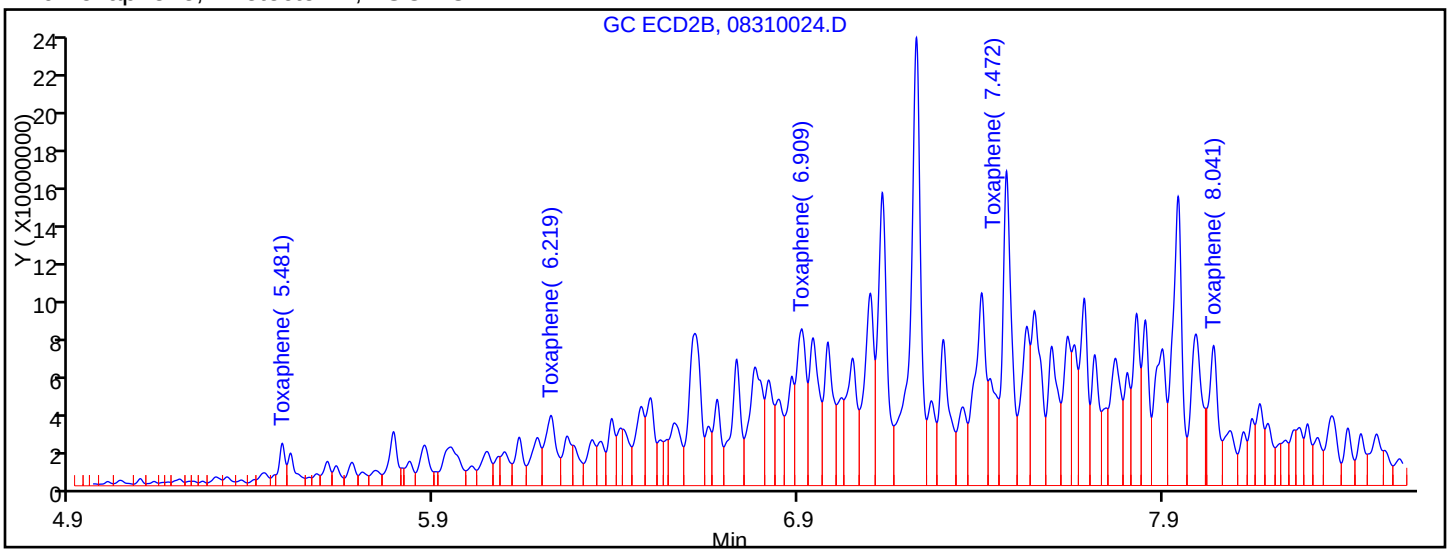
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D

Injection Date:	31-Aug-2011 18:33:36	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	16
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

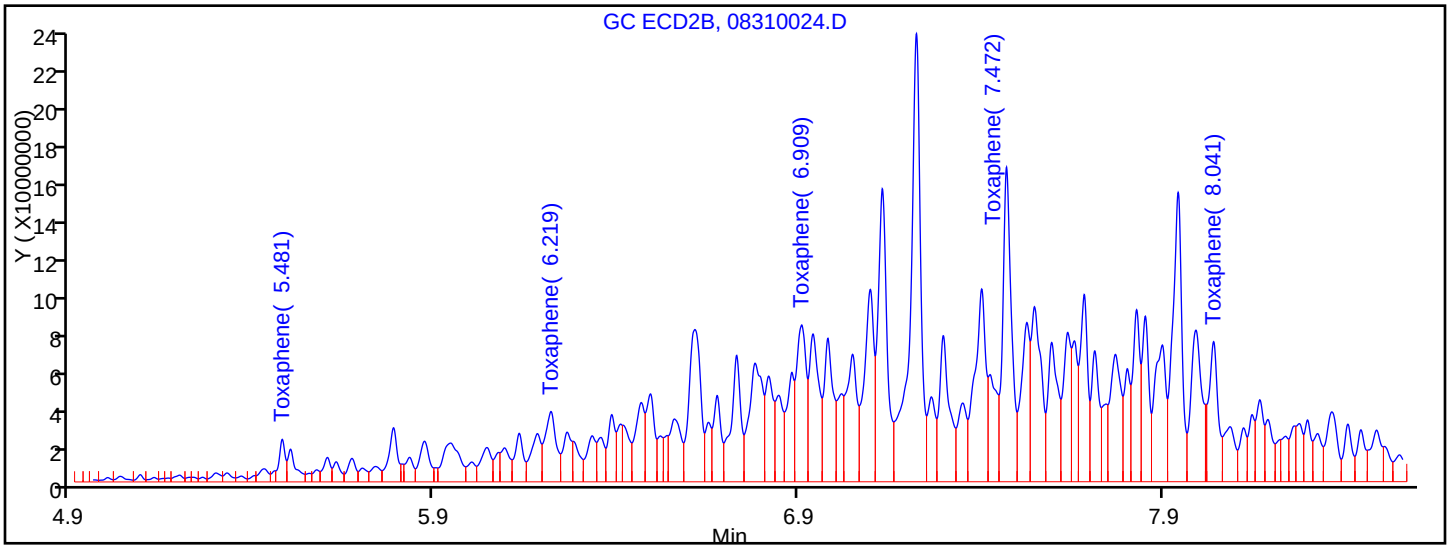


Report Date: 01-Sep-2011 13:52:46 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310024.D
Injection Date: 31-Aug-2011 18:33:36 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 16
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.481	Response = 25746586	M
RT = 6.219	Response = 77914924	M
RT = 6.909	Response = 151230246	M
RT = 7.472	Response = 275304239	M
RT = 8.041	Response = 125419235	M



Manual Integration Results

RT = 5.481	Response = 25872005	M
RT = 6.219	Response = 78150125	M
RT = 6.909	Response = 151420435	M
RT = 7.472	Response = 275583679	M
RT = 8.041	Response = 125682979	M

Reviewer: reamb, 01-Sep-2011 09:39:25
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D		
Lims ID:	STD5 TOX	Client ID:	
Inject. Date:	31-Aug-2011 18:50:12	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	IC-817111 TOX L5		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	83947	Lims Sample ID:	17
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:49	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:39:53

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.545	5.544	0.001	42701666	4781.6		100.0	M
1	-65	6.400	6.399	0.001	223041587	4917.8	493.4- 533.4	522.3	M
1	-65	6.955	6.955	0.000	239582871	5250.3	473.2- 513.2	561.1	M
1	-65	7.402	7.400	0.002	486016171	4970.0	1037.7-1077.7	1138.2	M
1	-65	7.890	7.888	0.002	222637392	5048.7	435.6- 475.6	521.4	M
			Average of Peak Amounts =			4993.7			
2	6	5.481	5.481	0.000	12465879	4701.8		100.0	M
2	7	6.219	6.218	0.001	40437028	4926.1	273.5- 333.5	324.4	M
2	8	6.909	6.907	0.002	77206386	4896.7	555.4- 615.4	619.3	M
2	9	7.472	7.470	0.002	144314924	4979.4	1046.7-1106.7	1157.7	M
2	10	8.041	8.041	0.000	65185785	4976.2	456.6- 516.6	522.9	M
			Average of Peak Amounts =			4896.0			
						RPD = 1.97			

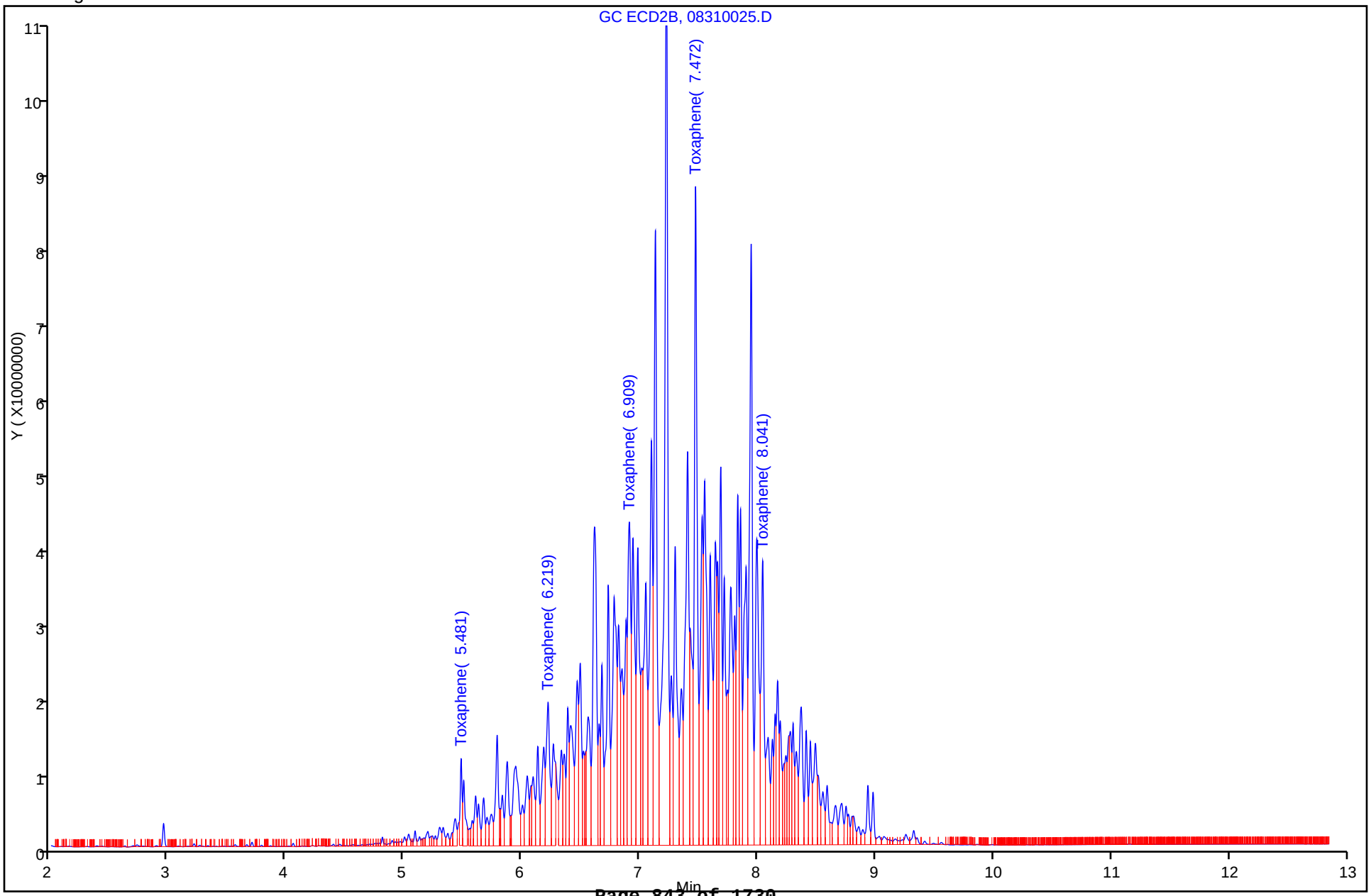
QC Flag Legend

Review Flags
M - Manually Integrated

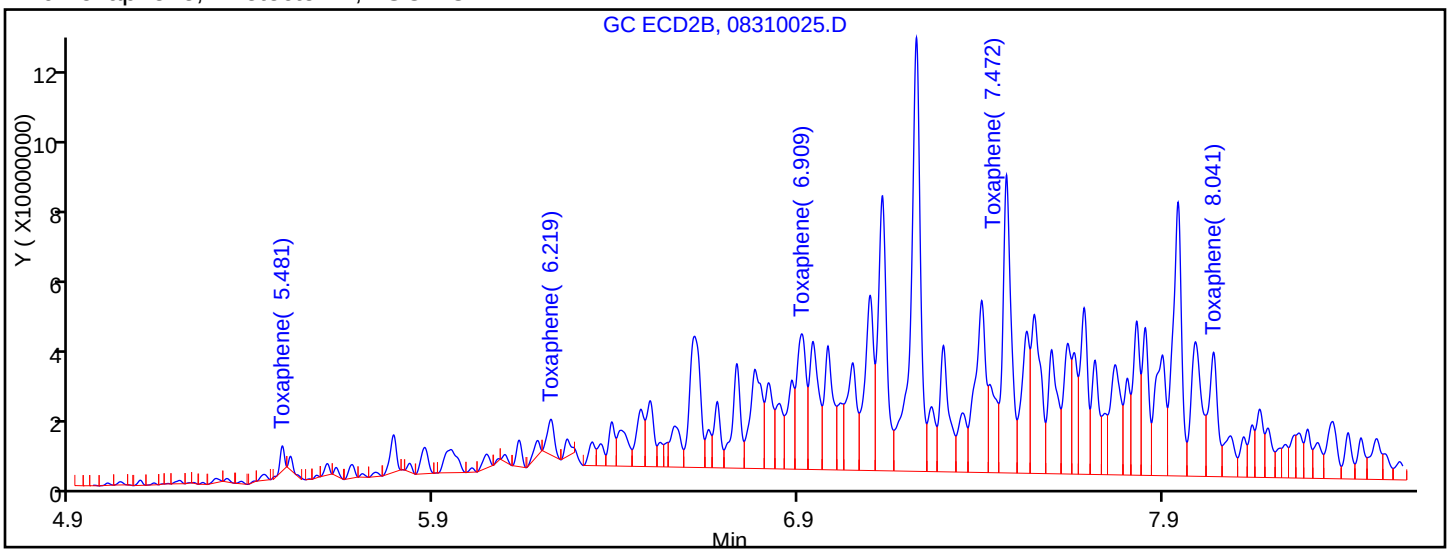
Report Date: 01-Sep-2011 13:52:50 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D		
Injection Date:	31-Aug-2011 18:50:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	17
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

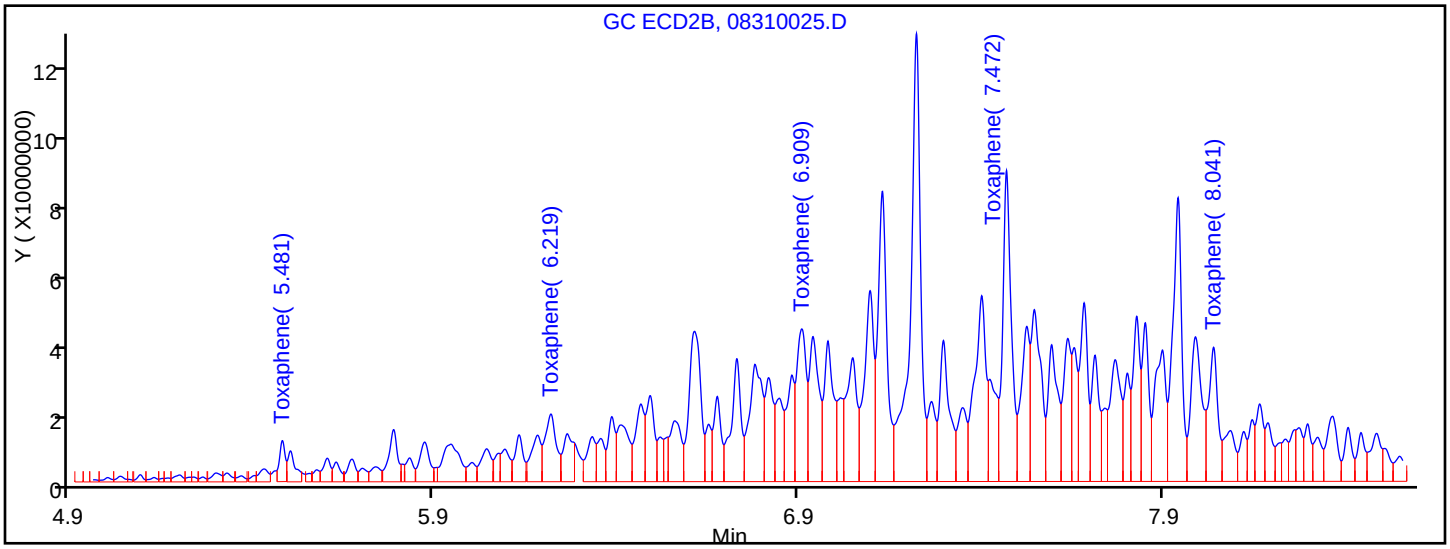


Report Date: 01-Sep-2011 13:52:50 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310025.D
Injection Date: 31-Aug-2011 18:50:12 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 17
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.481	Response = 5646696	M
RT = 6.219	Response = 13213234	M
RT = 6.909	Response = 66575254	M
RT = 7.472	Response = 132409655	M
RT = 8.041	Response = 57597373	M



Manual Integration Results

RT = 5.481	Response = 12465879	M
RT = 6.219	Response = 40437028	M
RT = 6.909	Response = 77206386	M
RT = 7.472	Response = 144314924	M
RT = 8.041	Response = 65185785	M

Reviewer: reamb, 01-Sep-2011 09:39:53
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D
Lims ID: STD4 TOX
Client ID:
Inject. Date: 31-Aug-2011 19:06:41
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 4
Sample ID: IC-817114 TOX L4
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 20
Lims Batch ID: 83947
Lims Sample ID: 18
Sublist: chrom-OCP_CHP2*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:53
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 01-Sep-2011 09:26:40

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	19095725	2120.4		100.0	M
1	-65	6.399	6.399	0.000	98038713	2149.9	493.4- 533.4	513.4	M
1	-65	6.956	6.956	0.000	94184866	2050.3	473.2- 513.2	493.2	M
1	-65	7.402	7.402	0.000	201968647	2057.6	1037.7-1077.7	1057.7	M
1	-65	7.890	7.890	0.000	86992637	1982.2	435.6- 475.6	455.6	M
			Average of Peak Amounts =			2072.1			
2	6	5.481	5.481	0.000	5532827	2048.7		100.0	M
2	7	6.220	6.220	0.000	16793025	2014.6	273.5- 333.5	303.5	M
2	8	6.908	6.908	0.000	32388551	2042.0	555.4- 615.4	585.4	M
2	9	7.472	7.472	0.000	59570213	2043.3	1046.7-1106.7	1076.7	M
2	10	8.041	8.041	0.000	26925401	2056.4	456.6- 516.6	486.6	M
			Average of Peak Amounts =			2041.0			
						RPD = 1.51			

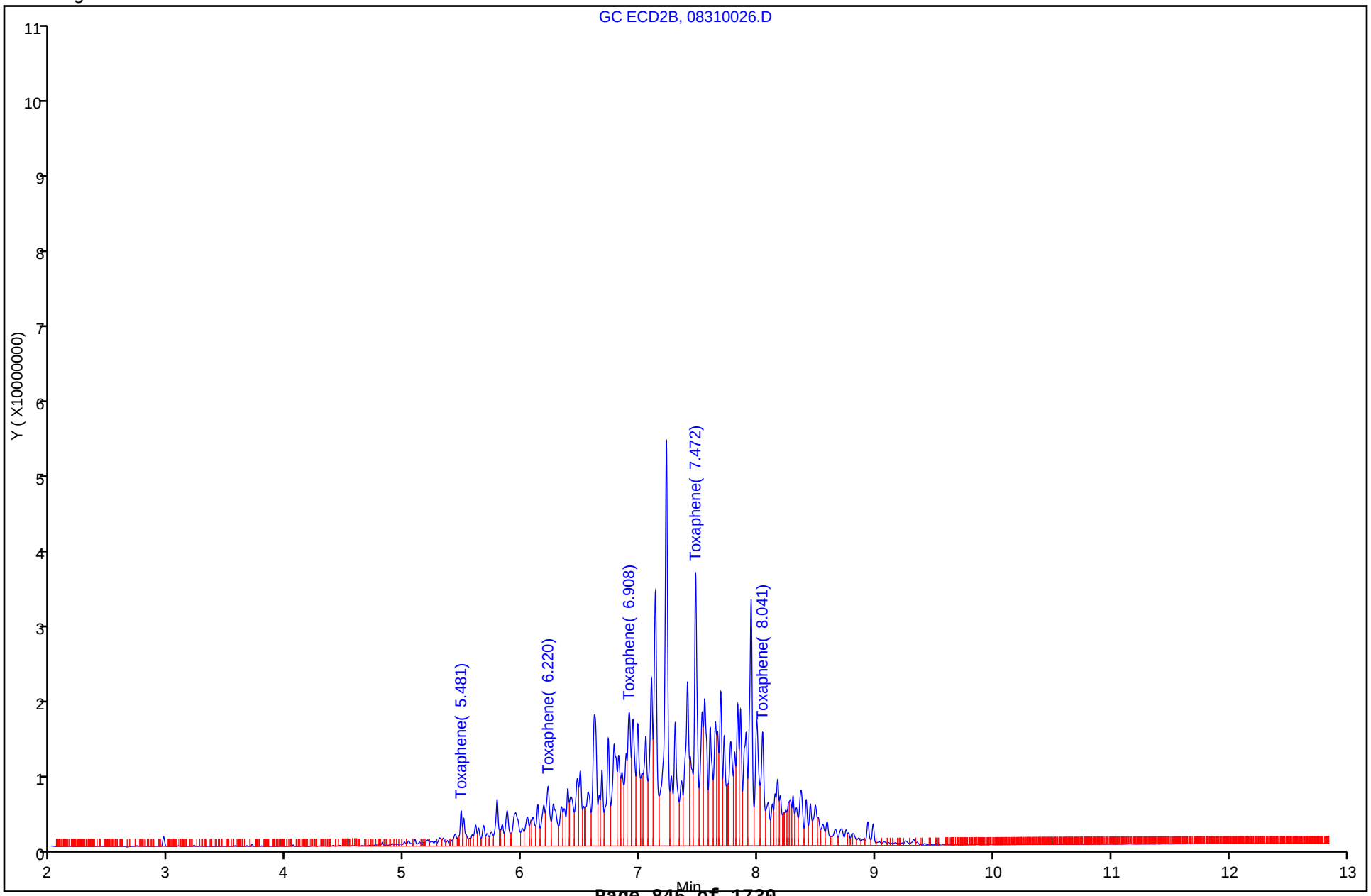
QC Flag Legend

Review Flags
M - Manually Integrated

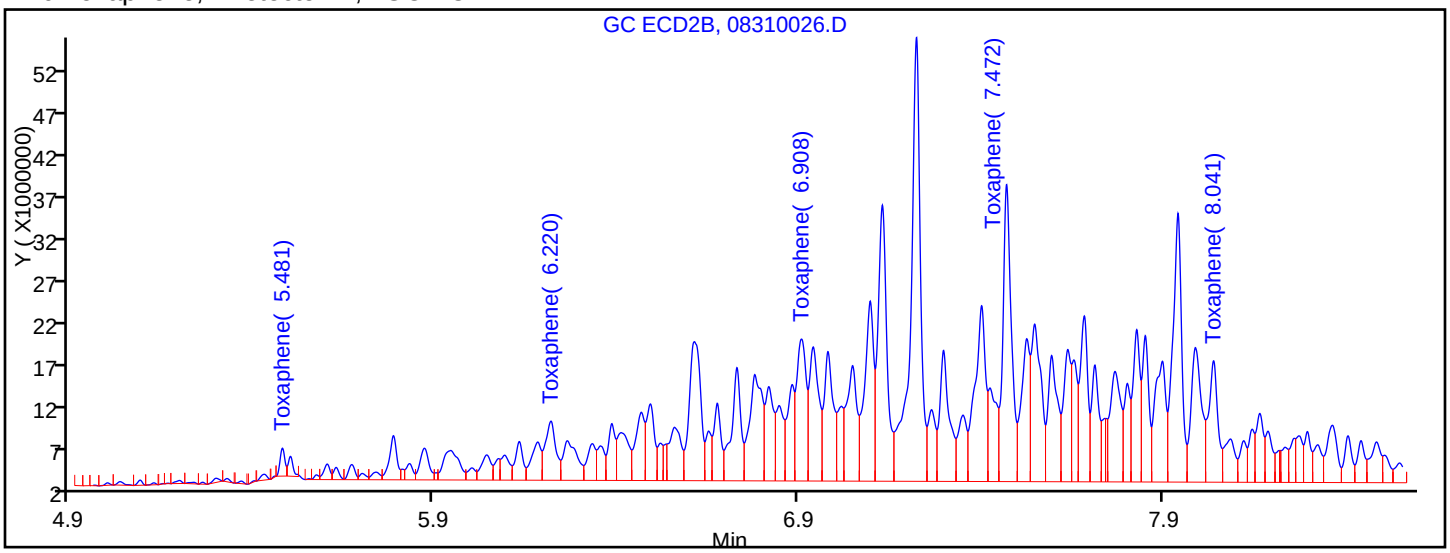
Report Date: 01-Sep-2011 13:52:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D		
Injection Date:	31-Aug-2011 19:06:41	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	18
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

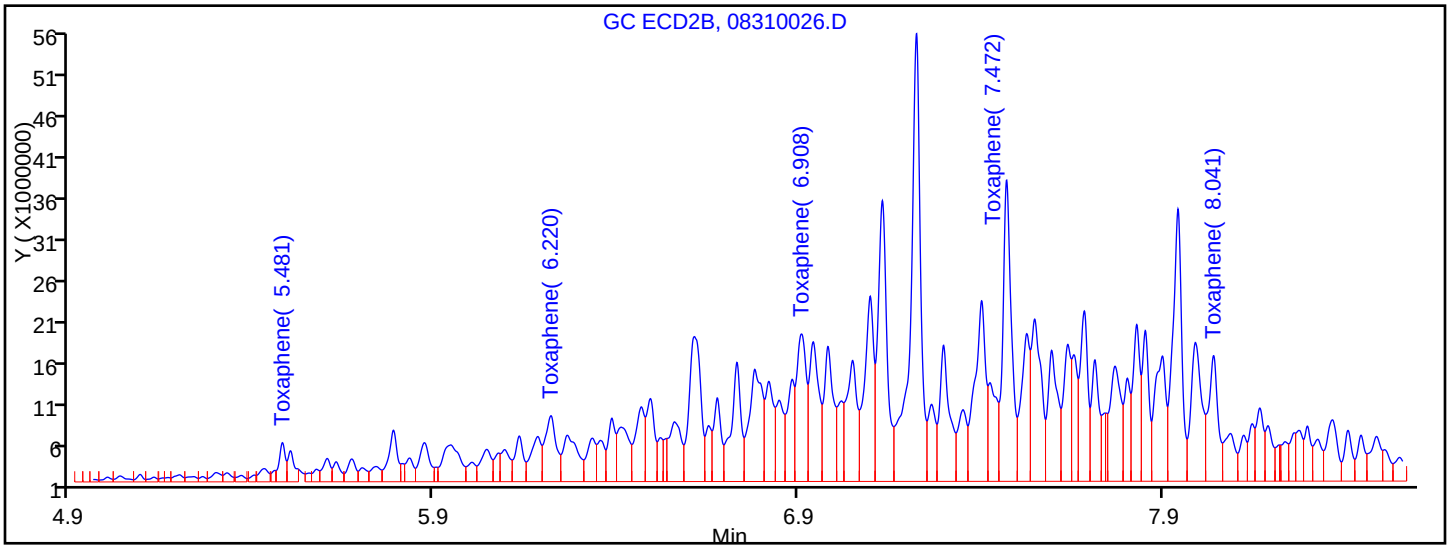


Report Date: 01-Sep-2011 13:52:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310026.D
Injection Date: 31-Aug-2011 19:06:41 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 18
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.481	Response = 3099976	M
RT = 6.220	Response = 14232431	M
RT = 6.908	Response = 30775512	M
RT = 7.472	Response = 57602038	M
RT = 8.041	Response = 25363939	M



Manual Integration Results

RT = 5.481	Response = 5532827	M
RT = 6.220	Response = 16793025	M
RT = 6.908	Response = 32388551	M
RT = 7.472	Response = 59570213	M
RT = 8.041	Response = 26925401	M

Reviewer: reamb, 01-Sep-2011 09:40:19
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D		
Lims ID:	STD3 TOX	Client ID:	
Inject. Date:	31-Aug-2011 19:23:12	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	IC-817118 TOX L3		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	21
Lims Batch ID:	83947	Lims Sample ID:	19
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:52:56	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:41:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	9396103	1027.0		100.0	M
1	-65	6.399	6.399	0.000	42803803	926.8	493.4- 533.4	455.5	M
1	-65	6.954	6.955	-0.001	45604774	981.1	473.2- 513.2	485.4	M
1	-65	7.401	7.400	0.001	99165479	1003.5	1037.7-1077.7	1055.4	M
1	-65	7.889	7.888	0.001	42283905	971.4	435.6- 475.6	450.0	M
			Average of Peak Amounts =			982.0			
2	6	5.482	5.481	0.001	2846162	1020.6		100.0	M
2	7	6.219	6.218	0.001	8738301	1022.7	273.5- 333.5	307.0	M
2	8	6.908	6.907	0.001	16095178	1004.1	555.4- 615.4	565.5	M
2	9	7.471	7.470	0.001	29709194	1008.7	1046.7-1106.7	1043.8	M
2	10	8.040	8.041	-0.001	13124871	1003.2	456.6- 516.6	461.1	M
			Average of Peak Amounts =			1011.9			
						RPD = 3.00			

QC Flag Legend

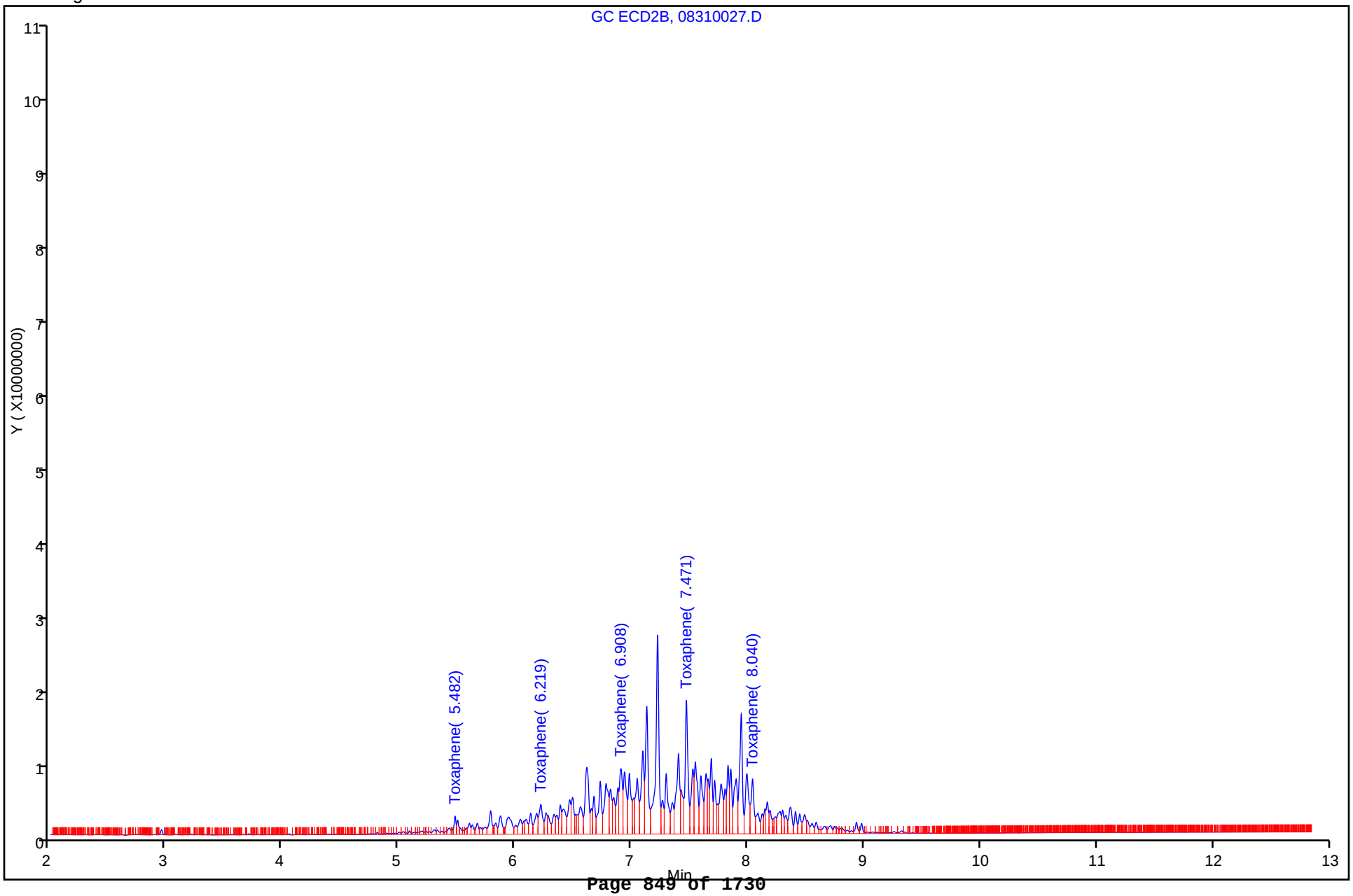
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:52:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06

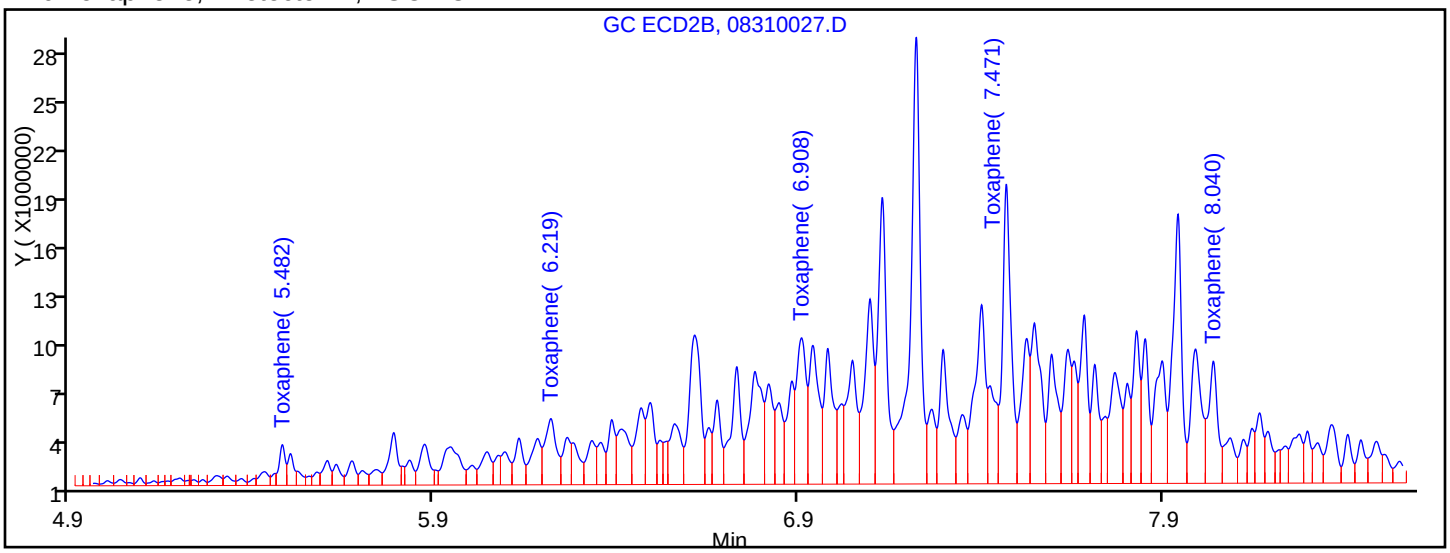
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D

Injection Date:	31-Aug-2011 19:23:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	19
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

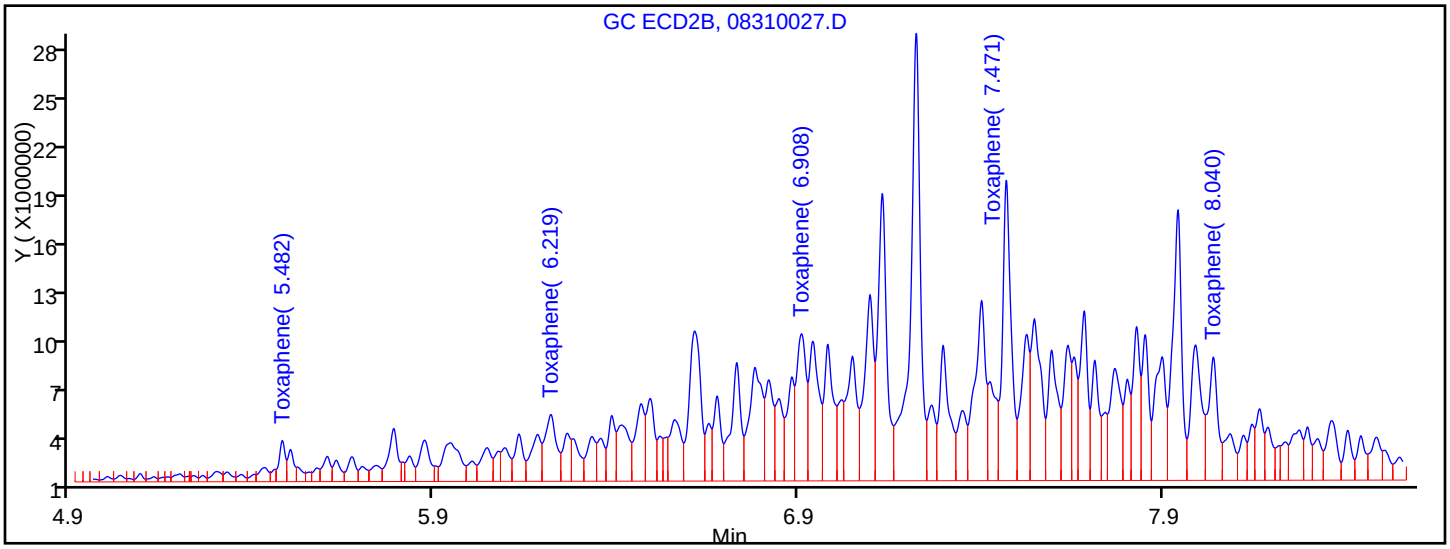


Report Date: 01-Sep-2011 13:52:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310027.D
Injection Date: 31-Aug-2011 19:23:12 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 19
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.482	Response = 2799825	M
RT = 6.219	Response = 8618162	M
RT = 6.908	Response = 15982921	M
RT = 7.471	Response = 29522489	M
RT = 8.040	Response = 12927877	M



Manual Integration Results

RT = 5.482	Response = 2846162	M
RT = 6.219	Response = 8738301	M
RT = 6.908	Response = 16095178	M
RT = 7.471	Response = 29709194	M
RT = 8.040	Response = 13124871	M

Reviewer: reamb, 01-Sep-2011 09:41:55
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D		
Lims ID:	STD2 TOX	Client ID:	
Inject. Date:	31-Aug-2011 19:39:40	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	IC-817121 TOX L2		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	22
Lims Batch ID:	83947	Lims Sample ID:	20
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m		
Last Update:	01-Sep-2011 13:53:00	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 01-Sep-2011 09:42:35

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.545	5.544	0.001	4999607	531.3		100.0	M
1	-65	6.400	6.399	0.001	25424564	542.0	493.4- 533.4	508.5	M
1	-65	6.956	6.955	0.001	24939894	526.3	473.2- 513.2	498.8	M
1	-65	7.401	7.400	0.001	52464223	524.6	1037.7-1077.7	1049.4	M
1	-65	7.890	7.888	0.002	22321588	520.1	435.6- 475.6	446.5	M
			Average of Peak Amounts =			528.9			
2	6	5.481	5.481	0.000	1562615	529.4		100.0	M
2	7	6.219	6.218	0.001	4707272	526.3	273.5- 333.5	301.2	M
2	8	6.909	6.907	0.002	8632299	528.8	555.4- 615.4	552.4	M
2	9	7.472	7.470	0.002	15601253	519.9	1046.7-1106.7	998.4	M
2	10	8.041	8.041	0.000	6711360	513.8	456.6- 516.6	429.5	M
			Average of Peak Amounts =			523.6			
						RPD = 1.00			

QC Flag Legend

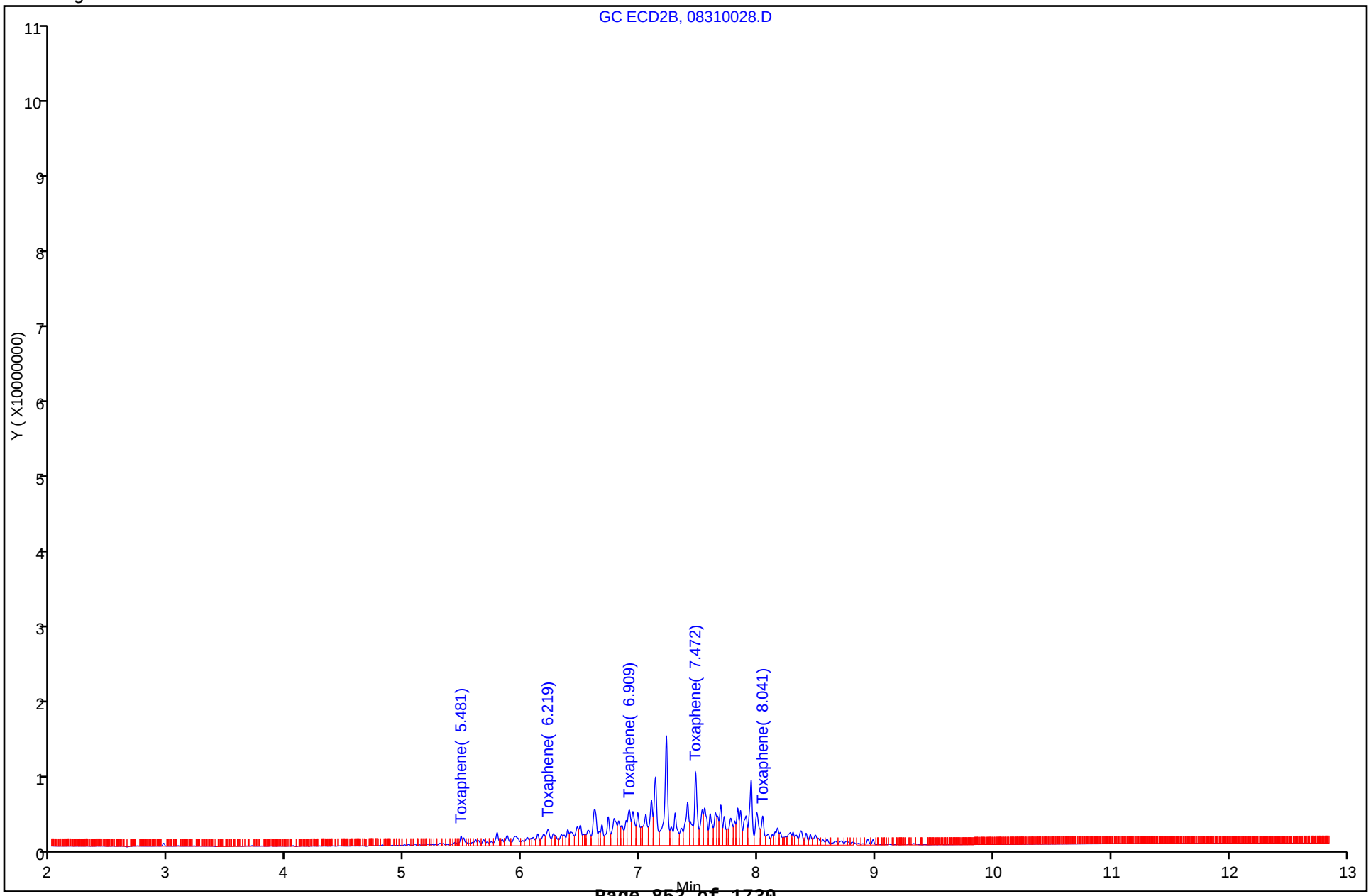
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:53:02 Chrom Revision: 1.2 13-Jul-2011 10:43:06

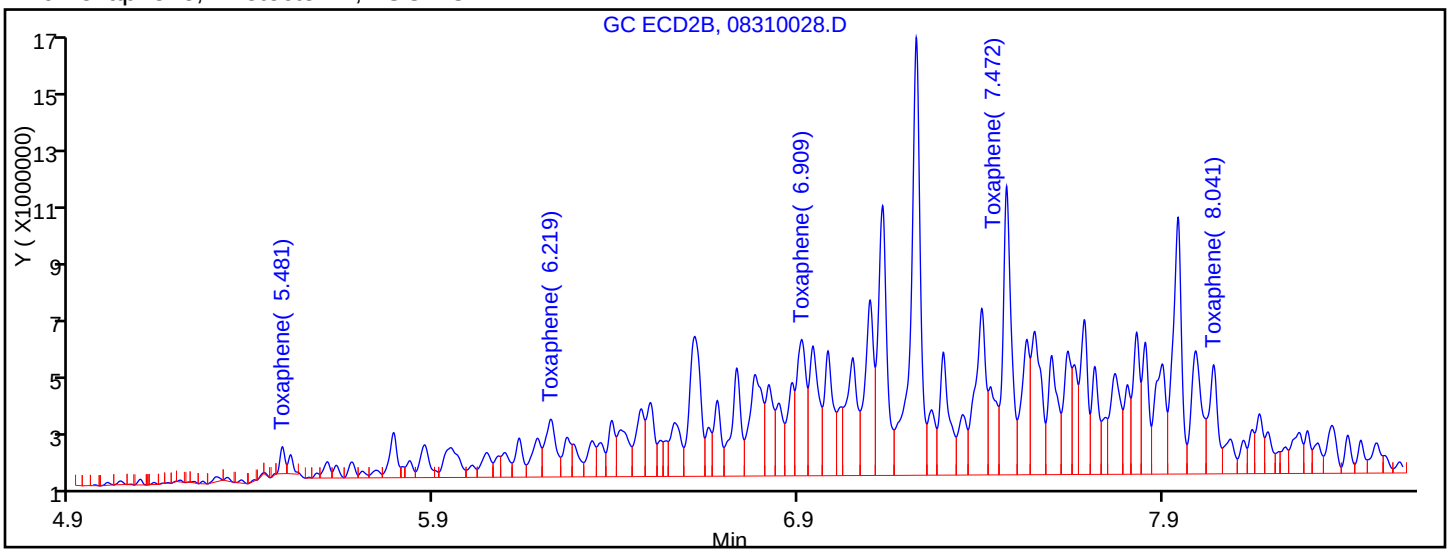
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D

Injection Date:	31-Aug-2011 19:39:40	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	20
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

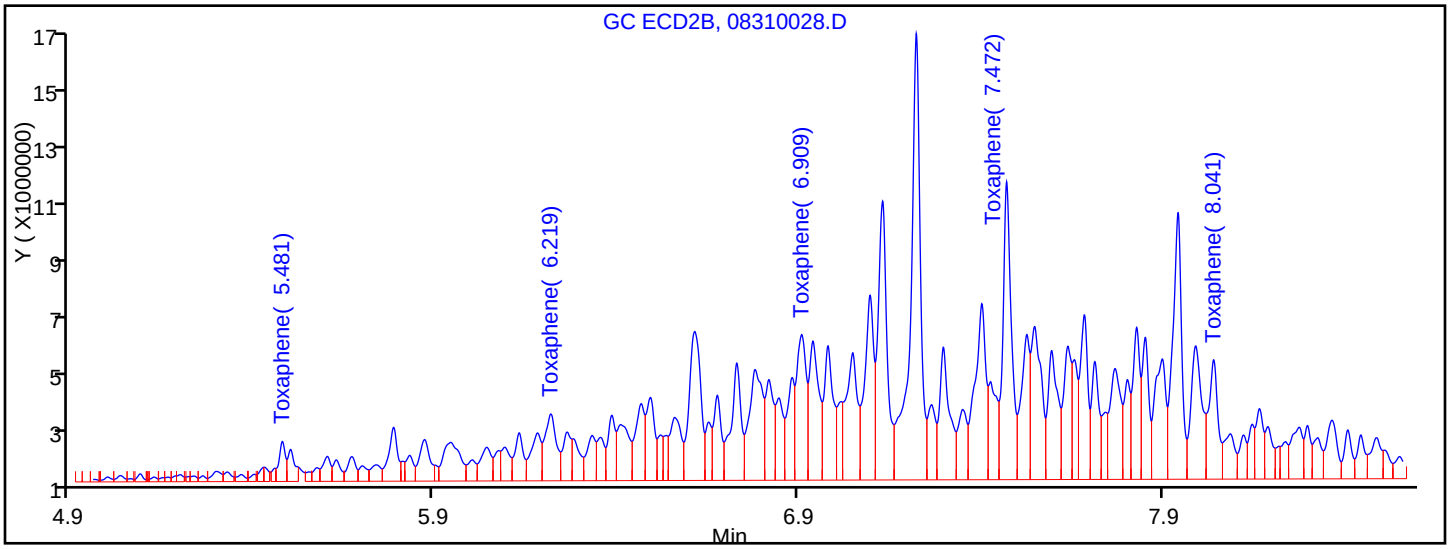


Report Date: 01-Sep-2011 13:53:02 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310028.D
Injection Date: 31-Aug-2011 19:39:40 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 20
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.481	Response = 799285	M
RT = 6.219	Response = 3800102	M
RT = 6.909	Response = 7937878	M
RT = 7.472	Response = 14612493	M
RT = 8.041	Response = 5781021	M



Manual Integration Results

RT = 5.481	Response = 1562615	M
RT = 6.219	Response = 4707272	M
RT = 6.909	Response = 8632299	M
RT = 7.472	Response = 15601253	M
RT = 8.041	Response = 6711360	M

Reviewer: reamb, 01-Sep-2011 09:42:35
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D
Lims ID: STD1 TOX
Client ID:
Inject. Date: 31-Aug-2011 19:56:13
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 1
Sample ID: IC-817122 TOX L1
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 23
Lims Batch ID: 83947
Lims Sample ID: 21
Sublist: chrom-OCP_CHP2*sub3
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:53:05
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 01-Sep-2011 09:43:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.544	0.000	1860973	177.5		100.0	M
1	-65	6.399	6.399	0.000	9371872	186.6	493.4- 533.4	503.6	M
1	-65	6.956	6.955	0.001	9391589	184.1	473.2- 513.2	504.7	M
1	-65	7.402	7.400	0.002	19411724	185.7	1037.7-1077.7	1043.1	M
1	-65	7.889	7.888	0.001	8068070	197.9	435.6- 475.6	433.5	M
			Average of Peak Amounts =			186.4			
2	6	5.482	5.481	0.001	687409	194.5		100.0	M
2	7	6.219	6.218	0.001	2016833	195.0	273.5- 333.5	293.4	M
2	8	6.910	6.907	0.003	3394454	195.1	555.4- 615.4	493.8	M
2	9	7.472	7.470	0.002	6260882	196.3	1046.7-1106.7	910.8	M
2	10	8.040	8.041	-0.001	2564433	197.3	456.6- 516.6	373.1	M
			Average of Peak Amounts =			195.6			
						RPD = 4.86			

QC Flag Legend

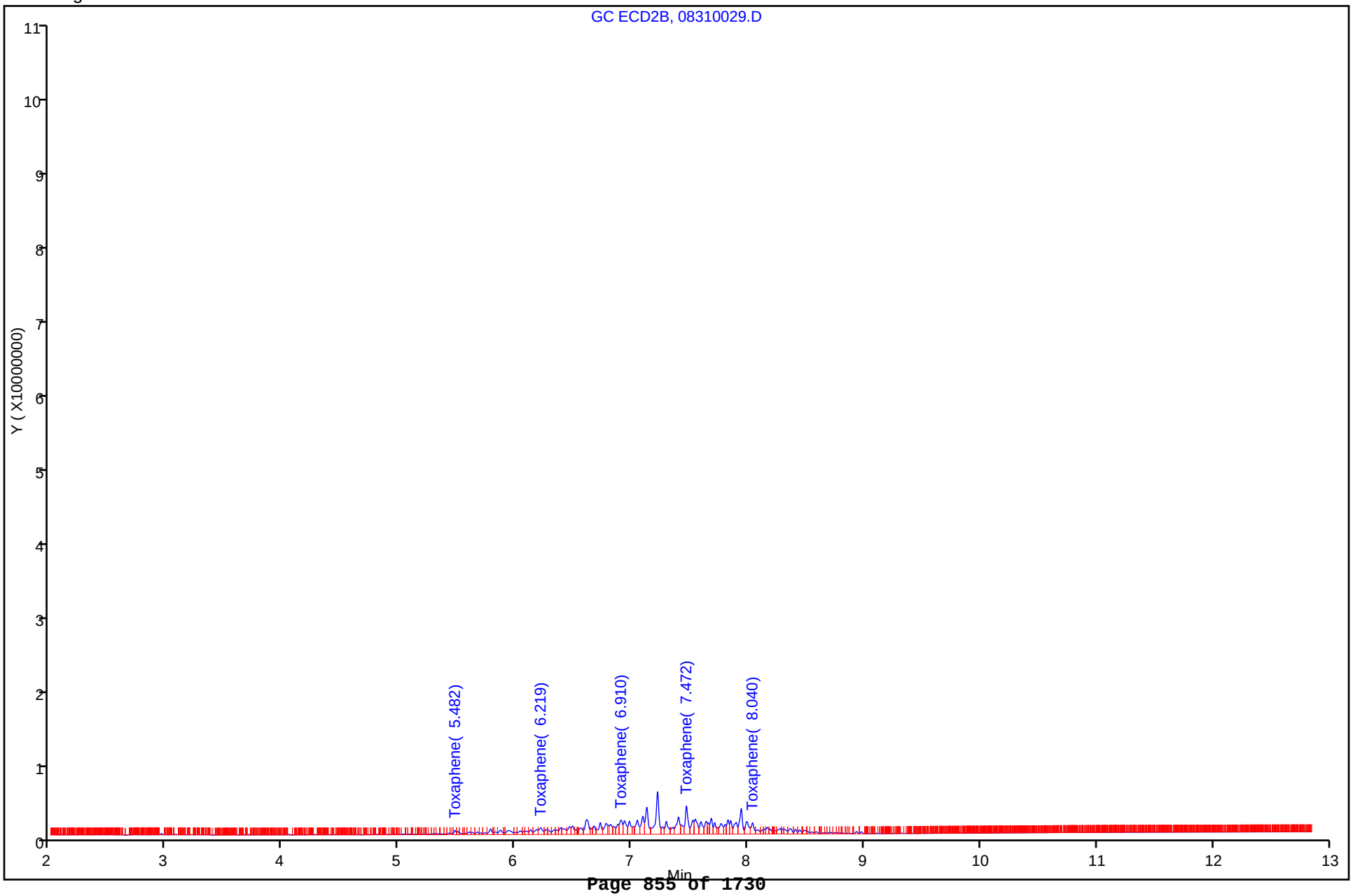
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:53:07 Chrom Revision: 1.2 13-Jul-2011 10:43:06

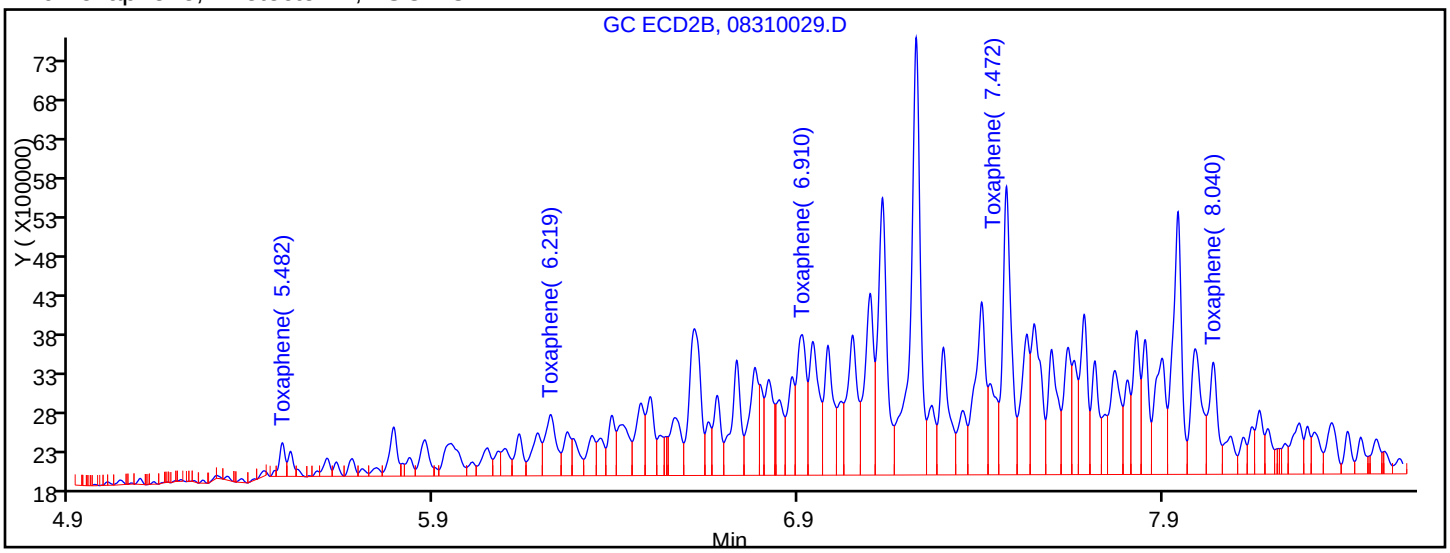
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D

Injection Date:	31-Aug-2011 19:56:13	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	21
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

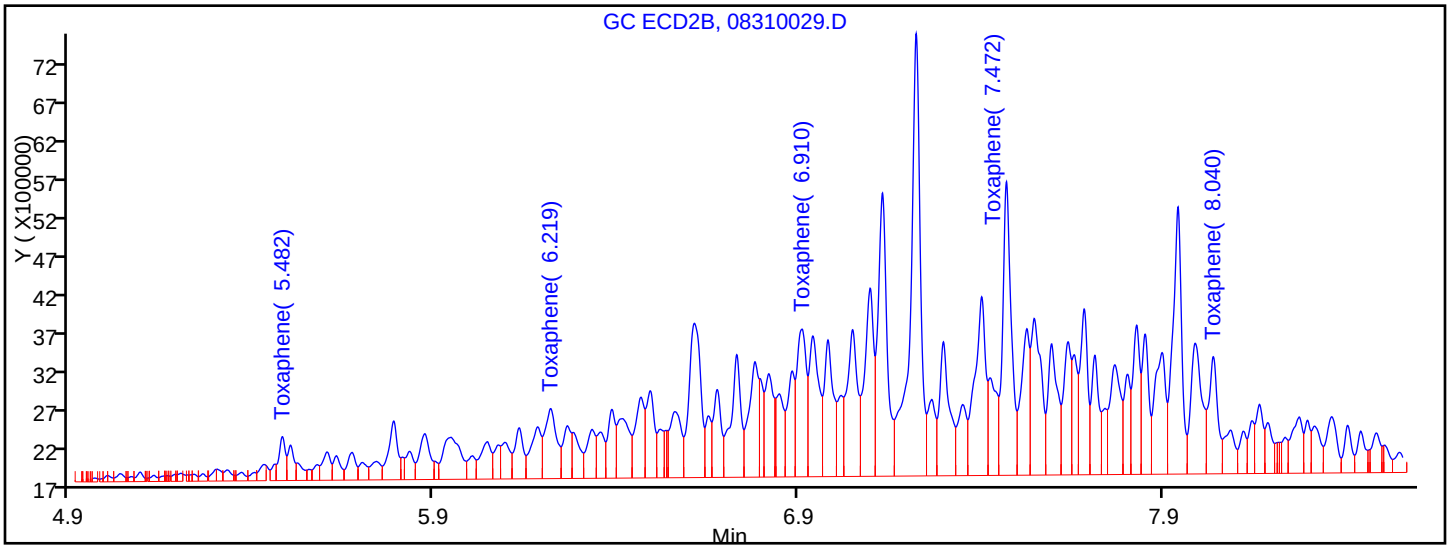


Report Date: 01-Sep-2011 13:53:07 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310029.D
Injection Date: 31-Aug-2011 19:56:13 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 83947 Lims Sample ID: 21
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.482	Response = 451202	M
RT = 6.219	Response = 1652697	M
RT = 6.910	Response = 3181229	M
RT = 7.472	Response = 5991584	M
RT = 8.040	Response = 2365267	M



Manual Integration Results

RT = 5.482	Response = 687409	M
RT = 6.219	Response = 2016833	M
RT = 6.910	Response = 3394454	M
RT = 7.472	Response = 6260882	M
RT = 8.040	Response = 2564433	M

Reviewer: reamb, 01-Sep-2011 09:43:26
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: PEM 280-87288/1 Calibration Date: 09/21/2011 15:16

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210007.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.87	288249599	6.94	15	
Endrin aldehyde	7.48	4058784			
Endrin ketone	8.15	17434241			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.20	291733221	2.58	15	
4,4'-DDD	6.93	5552756			
4,4'-DDE	6.33	2171909			

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210007.D
Lims ID: PEM Client ID:
Inject. Date: 21-Sep-2011 15:16:32 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: PEM-596160
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 2
Lims Batch ID: 87288 Lims Sample ID: 1
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:23:52 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	2171909	0.3811			
2	2	6.472	6.474	-0.002	827088	0.1009			
						RPD = 116.29			
30 Endrin									
1	-65	6.865	6.865	0.000	288249599	87.6			
2	2	6.935	6.936	-0.001	67124053	76.3			
						RPD = 13.76			
32 4,4'-DDD									
1	100	6.927	6.926	0.001	5552756	-1.56			7
2	2	7.047	7.047	0.000	1811821	-3.00			7
						RPD = -63.08			
LOD = 0.002000									
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	291733221	87.3			
2	2	7.346	7.347	-0.001	58282631	70.3			
						RPD = 21.60			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	4058784	2.34			
2	2	7.462	7.462	0.000	1670619	1.83			
						RPD = 24.83			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	17434241	5.59			
2	2	8.206	8.206	0.000	4391710	4.33			
						RPD = 25.42			

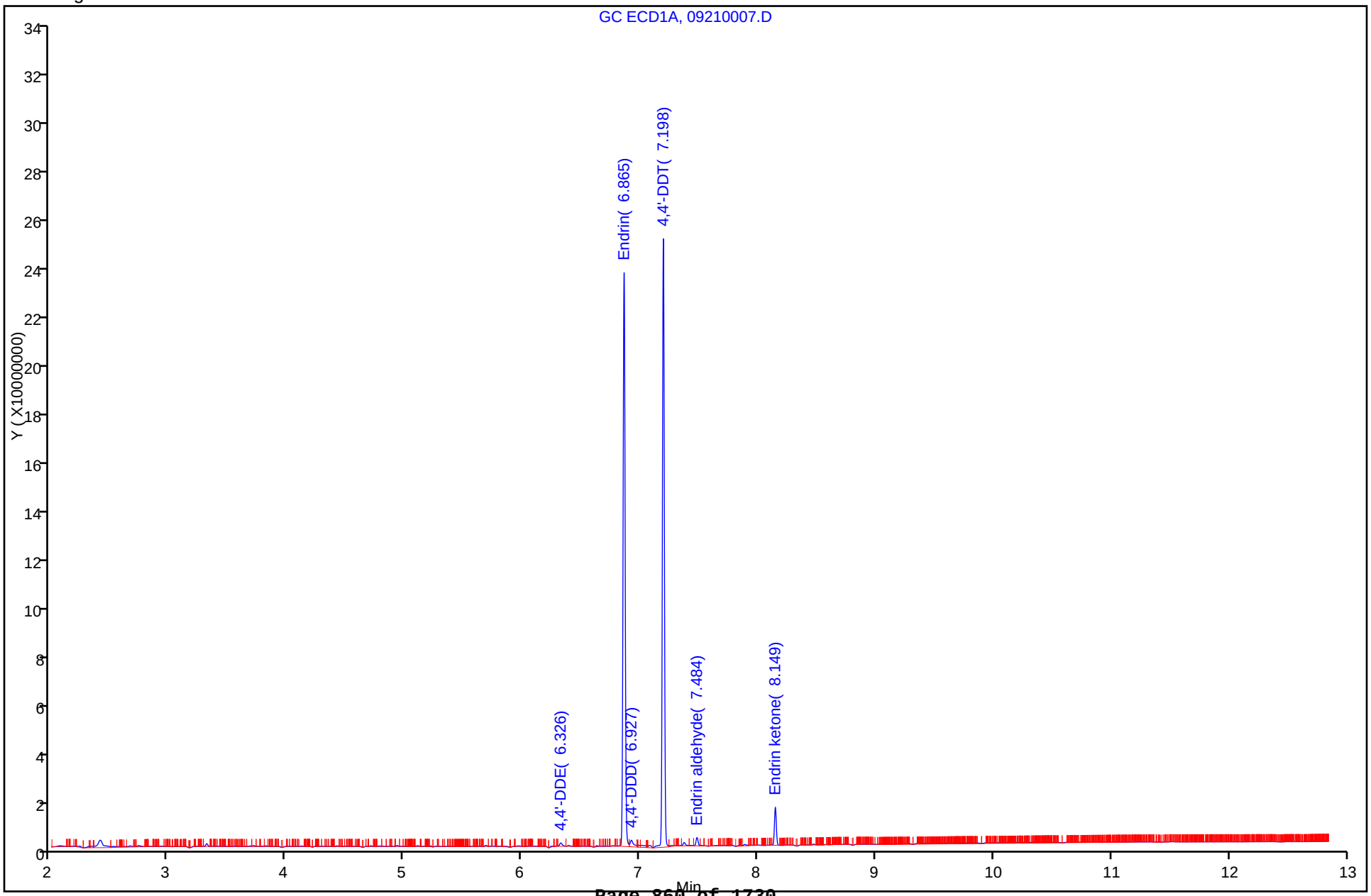
QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:24:09 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210007.D		
Injection Date:	21-Sep-2011 15:16:32	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	1
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: PEM 280-87288/1 Calibration Date: 09/21/2011 15:16

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210007.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.94	67124053	8.28	15	
Endrin aldehyde	7.46	1670619			
Endrin ketone	8.21	4391710			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.35	58282631	4.33	15	
4,4'-DDD	7.05	1811821			
4,4'-DDE	6.47	827088			

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210007.D
Lims ID: PEM Client ID:
Inject. Date: 21-Sep-2011 15:16:32 Dil. Factor: 1.0000
Sample Type: PEM
Sample ID: PEM-596160
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 2
Lims Batch ID: 87288 Lims Sample ID: 1
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:23:52 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	2171909	0.3811			
2	2	6.472	6.474	-0.002	827088	0.1009			
						RPD = 116.29			
30 Endrin									
1	-65	6.865	6.865	0.000	288249599	87.6			
2	2	6.935	6.936	-0.001	67124053	76.3			
						RPD = 13.76			
32 4,4'-DDD									
1	100	6.927	6.926	0.001	5552756	-1.56			7
2	2	7.047	7.047	0.000	1811821	-3.00			7
						RPD = -63.08			
LOD = 0.002000									
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	291733221	87.3			
2	2	7.346	7.347	-0.001	58282631	70.3			
						RPD = 21.60			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	4058784	2.34			
2	2	7.462	7.462	0.000	1670619	1.83			
						RPD = 24.83			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	17434241	5.59			
2	2	8.206	8.206	0.000	4391710	4.33			
						RPD = 25.42			

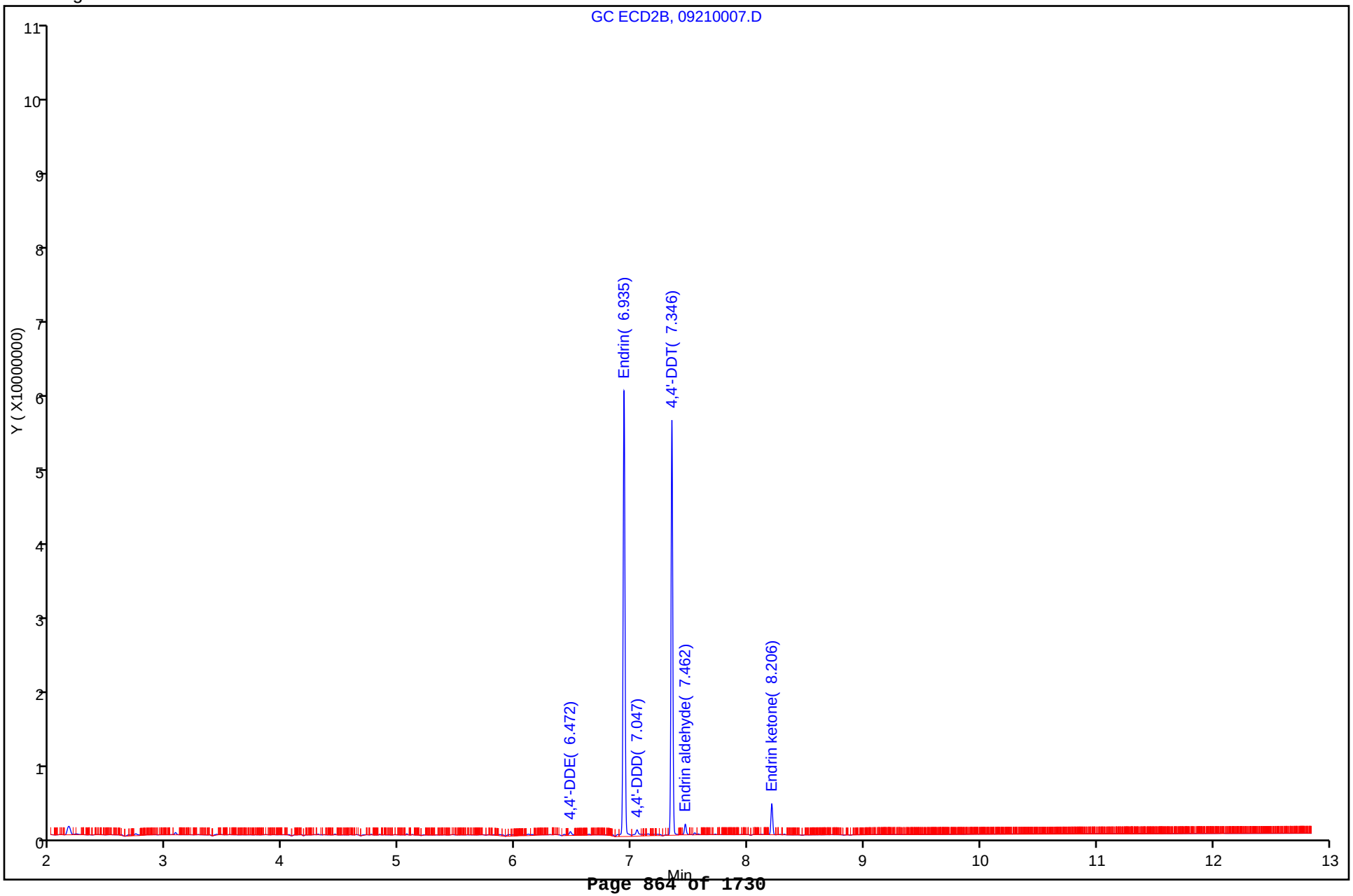
QC Flag Legend

Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:24:09 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210007.D		
Injection Date:	21-Sep-2011 15:16:32	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	1
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/15 Calibration Date: 08/31/2011 18:17

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 08310023.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		3880943		26.7	25.0	6.8	15.0
alpha-BHC	Lin2		5610937		26.1	25.0	4.4	20.0
gamma-BHC (Lindane)	Lin2		5012192		26.0	25.0	4.0	20.0
beta-BHC	Lin2		2047937		26.4	25.0	5.6	20.0
delta-BHC	Lin2		5000247		26.0	25.0	4.0	20.0
Heptachlor	Lin2		4789537		26.3	25.0	5.2	20.0
Aldrin	Lin2		4636583		26.5	25.0	6.0	20.0
Isodrin	Lin2		3594132		25.8	25.0	3.2	15.0
Heptachlor epoxide	Lin2		4207541		26.9	25.0	7.6	20.0
gamma-Chlordane	Lin2		4405752		26.2	25.0	4.8	20.0
alpha-Chlordane	Lin2		4170990		26.1	25.0	4.4	20.0
4,4'-DDE	Lin2		4226842		26.3	25.0	5.2	20.0
Endosulfan I	Lin2		3854910		26.7	25.0	6.8	20.0
Dieldrin	Ave	3582185	4187141		29.2	25.0	16.9	20.0
Endrin	Ave	3290683	3703986		28.1	25.0	12.6	20.0
4,4'-DDD	Qua		3751951		28.5	25.0	14.0	20.0
Endosulfan II	Lin2		3516456		27.0	25.0	8.0	20.0
4,4'-DDT	Lin2		3483576		26.0	25.0	4.0	20.0
Endrin aldehyde	Lin1		2800183		28.2	25.0	12.8	20.0
Methoxychlor	Lin2		1790294		27.6	25.0	10.4	20.0
Mirex	Qua		2522388		35.2	25.0	40.8*	15.0
Endosulfan sulfate	Lin2		3152920		26.4	25.0	5.6	20.0
Endrin ketone	Ave	3121207	2547224		20.4	25.0	-18.4	20.0
Tetrachloro-m-xylene	Lin2		3533393		26.0	25.0	4.0	20.0
DCB Decachlorobiphenyl	Lin2		2387556		27.6	25.0	10.4	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/15 Calibration Date: 08/31/2011 18:17

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 08310023.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.11	5.13
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.63	6.65
Endrin	6.87	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.09	7.08	7.10
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.49	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310023.D
Lims ID: ICV AB Client ID:
Inject. Date: 31-Aug-2011 18:17:06 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV-646002 AB SS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 17
Lims Batch ID: 83947 Lims Sample ID: 15
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:38 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 01-Sep-2011 11:10:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	88334835	26.0			
2	2	3.830	3.830	0.000	24326732	26.6			
						RPD = 2.17			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	97023571	26.7			
2	2	4.308	4.308	0.000	26383036	27.0			
						RPD = 1.12			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	140273429	26.1			
2	2	4.450	4.451	-0.001	35765708	26.3			
						RPD = 1.08			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.716	-0.001	125304793	26.0			
2	2	4.763	4.763	0.000	31811261	26.3			
						RPD = 0.94			
12 beta-BHC									
1	100	4.793	4.793	0.000	51198430	26.4			
2	2	4.835	4.835	0.000	13605144	26.1			
						RPD = 0.94			
13 delta-BHC									
1	100	4.940	4.941	-0.001	125006168	26.0			
2	2	5.068	5.068	0.000	31574618	26.3			
						RPD = 1.08			
15 Heptachlor									
1	100	5.114	5.115	-0.001	119738421	26.3			
2	2	5.115	5.116	-0.001	29956837	26.3			
						RPD = 0.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
16 Aldrin									
1	-65	5.376	5.377	-0.001	115914585	26.5			
2	2	5.390	5.391	-0.001	30670321	27.0			
						RPD = 1.69			
18 Isodrin									
1	100	5.692	5.693	-0.001	89853306	25.8			
2	2	5.762	5.762	0.000	23190536	30.8			
						RPD = 17.75			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	105188524	26.9			
2	2	5.945	5.946	-0.001	28006682	26.9			
						RPD = 0.03			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	110143791	26.2			
2	2	6.148	6.149	-0.001	28606298	26.1			
						RPD = 0.17			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	104274757	26.1			
2	2	6.300	6.301	-0.001	27600299	26.2			
						RPD = 0.28			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	105671061	26.3			
2	2	6.475	6.475	0.000	28333597	26.2			
						RPD = 0.53			
26 Endosulfan I									
1	100	6.390	6.391	-0.001	96372744	26.7			
2	2	6.358	6.358	0.000	25832021	26.1			
						RPD = 2.53			
28 Dieldrin									
1	100	6.634	6.636	-0.002	104678532	29.2			
2	2	6.636	6.637	-0.001	28631969	27.4			
						RPD = 6.31			
30 Endrin									
1	-65	6.866	6.866	0.000	92599650	28.1			
2	2	6.938	6.937	0.001	24888134	28.3			
						RPD = 0.55			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	93798774	28.5			
2	2	7.049	7.049	0.000	24731414	27.9			
						RPD = 1.94			
34 Endosulfan II									
1	100	7.085	7.085	0.000	87911391	27.0			
2	2	7.143	7.143	0.000	23949969	26.8			
						RPD = 0.72			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	87089408	26.0			
2	2	7.349	7.349	0.000	21177237	25.4			
						RPD = 2.18			

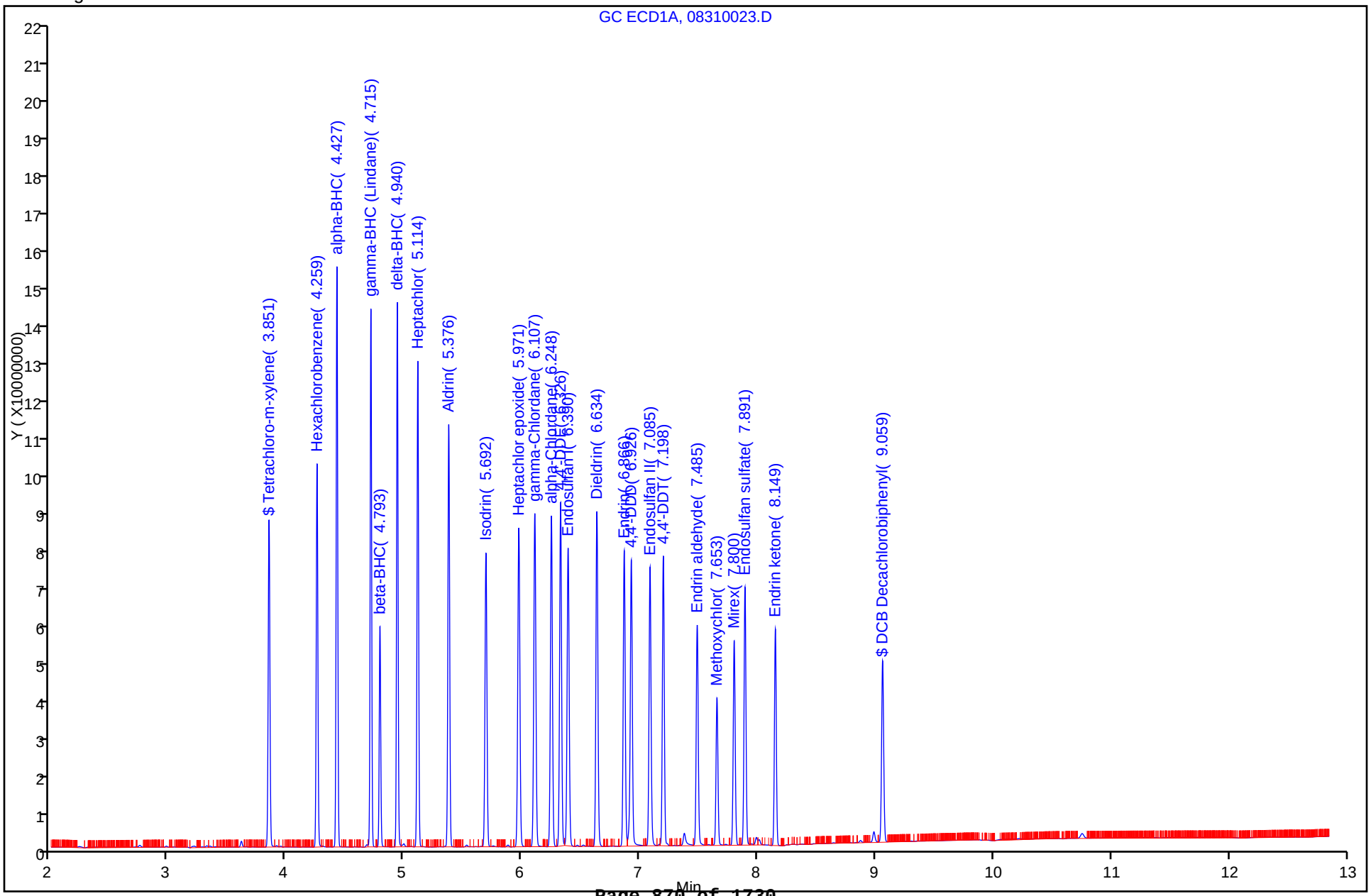
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	70004575	28.2			
2	2	7.465	7.465	0.000	18095847	24.7			
						RPD = 13.33			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	44757354	27.6			
2	2	7.985	7.986	-0.001	11031872	26.3			
						RPD = 4.87			
38 Mirex									
1	100	7.800	7.799	0.001	63059705	35.2			
2	2	8.175	8.176	-0.001	17141629	27.8			
						RPD = 23.58			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	78823002	26.4			
2	2	7.722	7.722	0.000	21383633	27.0			
						RPD = 2.15			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	63680588	20.4			
2	2	8.209	8.209	0.000	23691674	25.8			
						RPD = 23.46			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.061	-0.002	59688895	27.6			
2	2	9.370	9.371	-0.001	17655628	27.8			
						RPD = 0.63			

Report Date: 01-Sep-2011 13:52:42 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310023.D

Injection Date:	31-Aug-2011 18:17:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	15
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/15 Calibration Date: 08/31/2011 18:17

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 08310023.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		1055321		27.0	25.0	8.0	15.0
alpha-BHC	Lin2		1430628		26.3	25.0	5.2	20.0
gamma-BHC (Lindane)	Lin2		1272450		26.3	25.0	5.2	20.0
beta-BHC	Lin2		544206		26.1	25.0	4.4	20.0
delta-BHC	Lin2		1262985		26.3	25.0	5.2	20.0
Heptachlor	Lin2		1198273		26.3	25.0	5.2	20.0
Aldrin	Lin2		1226813		27.0	25.0	8.0	20.0
Isodrin	Qua		927621		30.8	25.0	23.2*	15.0
Heptachlor epoxide	Lin2		1120267		26.9	25.0	7.6	20.0
gamma-Chlordane	Lin2		1144252		26.1	25.0	4.4	20.0
alpha-Chlordane	Lin2		1104012		26.2	25.0	4.8	20.0
Endosulfan I	Lin2		1033281		26.1	25.0	4.4	20.0
4,4'-DDE	Lin2		1133344		26.2	25.0	4.8	20.0
Dieldrin	Lin2		1145279		27.4	25.0	9.6	20.0
Endrin	Ave	879551	995525		28.3	25.0	13.2	20.0
4,4'-DDD	Qua		989257		27.9	25.0	11.6	20.0
Endosulfan II	Lin2		957999		26.8	25.0	7.2	20.0
4,4'-DDT	Lin2		847089		25.4	25.0	1.6	20.0
Endrin aldehyde	Lin2		723834		24.7	25.0	-1.2	20.0
Endosulfan sulfate	Lin2		855345		27.0	25.0	8.0	20.0
Methoxychlor	Lin2		441275		26.3	25.0	5.2	20.0
Mirex	Lin2		685665		27.8	25.0	11.2	15.0
Endrin ketone	Lin2		947667		25.8	25.0	3.2	20.0
Tetrachloro-m-xylene	Lin2		973069		26.6	25.0	6.4	20.0
DCB Decachlorobiphenyl	Lin2		706225		27.8	25.0	11.2	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/15 Calibration Date: 08/31/2011 18:17

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 08310023.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.84	4.83	4.85
delta-BHC	5.07	5.06	5.08
Heptachlor	5.12	5.11	5.13
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.95	5.94	5.96
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.48	6.47	6.49
Dieldrin	6.64	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.47	7.46	7.48
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.99	7.98	8.00
Mirex	8.18	8.17	8.19
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310023.D
Lims ID: ICV AB Client ID:
Inject. Date: 31-Aug-2011 18:17:06 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV-646002 AB SS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 17
Lims Batch ID: 83947 Lims Sample ID: 15
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:52:38 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 01-Sep-2011 11:10:26

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.851	0.000	88334835	26.0			
2	2	3.830	3.830	0.000	24326732	26.6			
						RPD = 2.17			
8 Hexachlorobenzene									
1	100	4.259	4.259	0.000	97023571	26.7			
2	2	4.308	4.308	0.000	26383036	27.0			
						RPD = 1.12			
10 alpha-BHC									
1	-65	4.427	4.428	-0.001	140273429	26.1			
2	2	4.450	4.451	-0.001	35765708	26.3			
						RPD = 1.08			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.716	-0.001	125304793	26.0			
2	2	4.763	4.763	0.000	31811261	26.3			
						RPD = 0.94			
12 beta-BHC									
1	100	4.793	4.793	0.000	51198430	26.4			
2	2	4.835	4.835	0.000	13605144	26.1			
						RPD = 0.94			
13 delta-BHC									
1	100	4.940	4.941	-0.001	125006168	26.0			
2	2	5.068	5.068	0.000	31574618	26.3			
						RPD = 1.08			
15 Heptachlor									
1	100	5.114	5.115	-0.001	119738421	26.3			
2	2	5.115	5.116	-0.001	29956837	26.3			
						RPD = 0.12			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
16 Aldrin									
1	-65	5.376	5.377	-0.001	115914585	26.5			
2	2	5.390	5.391	-0.001	30670321	27.0			
						RPD = 1.69			
18 Isodrin									
1	100	5.692	5.693	-0.001	89853306	25.8			
2	2	5.762	5.762	0.000	23190536	30.8			
						RPD = 17.75			
22 Heptachlor epoxide									
1	-65	5.971	5.972	-0.001	105188524	26.9			
2	2	5.945	5.946	-0.001	28006682	26.9			
						RPD = 0.03			
23 gamma-Chlordane									
1	-65	6.107	6.108	-0.001	110143791	26.2			
2	2	6.148	6.149	-0.001	28606298	26.1			
						RPD = 0.17			
24 alpha-Chlordane									
1	-65	6.248	6.249	-0.001	104274757	26.1			
2	2	6.300	6.301	-0.001	27600299	26.2			
						RPD = 0.28			
25 4,4'-DDE									
1	-65	6.326	6.326	0.000	105671061	26.3			
2	2	6.475	6.475	0.000	28333597	26.2			
						RPD = 0.53			
26 Endosulfan I									
1	100	6.390	6.391	-0.001	96372744	26.7			
2	2	6.358	6.358	0.000	25832021	26.1			
						RPD = 2.53			
28 Dieldrin									
1	100	6.634	6.636	-0.002	104678532	29.2			
2	2	6.636	6.637	-0.001	28631969	27.4			
						RPD = 6.31			
30 Endrin									
1	-65	6.866	6.866	0.000	92599650	28.1			
2	2	6.938	6.937	0.001	24888134	28.3			
						RPD = 0.55			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	93798774	28.5			
2	2	7.049	7.049	0.000	24731414	27.9			
						RPD = 1.94			
34 Endosulfan II									
1	100	7.085	7.085	0.000	87911391	27.0			
2	2	7.143	7.143	0.000	23949969	26.8			
						RPD = 0.72			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	87089408	26.0			
2	2	7.349	7.349	0.000	21177237	25.4			
						RPD = 2.18			

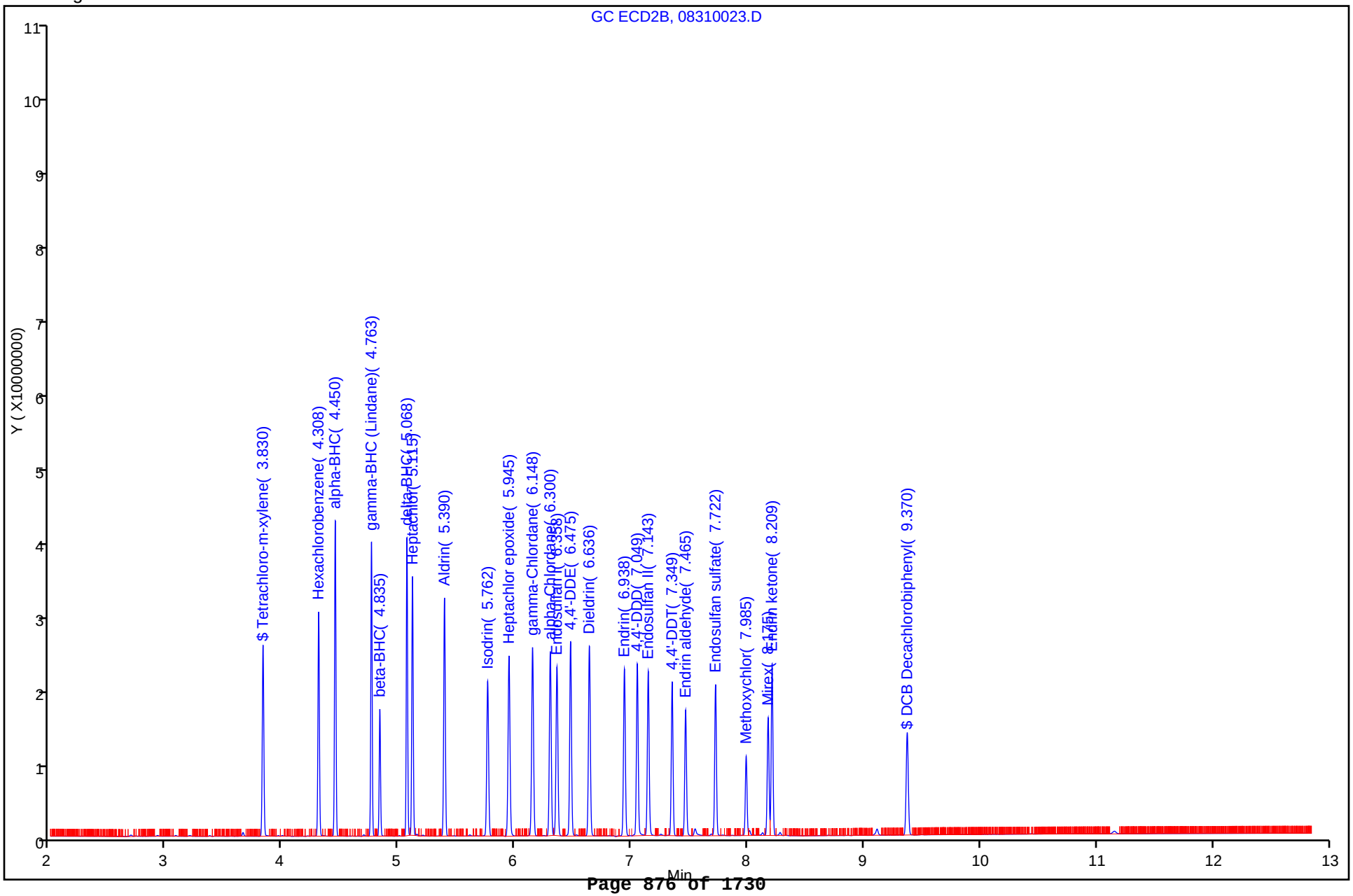
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
36 Endrin aldehyde									
1	-65	7.485	7.486	-0.001	70004575	28.2			
2	2	7.465	7.465	0.000	18095847	24.7			
						RPD = 13.33			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	44757354	27.6			
2	2	7.985	7.986	-0.001	11031872	26.3			
						RPD = 4.87			
38 Mirex									
1	100	7.800	7.799	0.001	63059705	35.2			
2	2	8.175	8.176	-0.001	17141629	27.8			
						RPD = 23.58			
39 Endosulfan sulfate									
1	-65	7.891	7.892	-0.001	78823002	26.4			
2	2	7.722	7.722	0.000	21383633	27.0			
						RPD = 2.15			
40 Endrin ketone									
1	-65	8.149	8.150	-0.001	63680588	20.4			
2	2	8.209	8.209	0.000	23691674	25.8			
						RPD = 23.46			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.061	-0.002	59688895	27.6			
2	2	9.370	9.371	-0.001	17655628	27.8			
						RPD = 0.63			

Report Date: 01-Sep-2011 13:52:42 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310023.D

Injection Date:	31-Aug-2011 18:17:06	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	15
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/22 Calibration Date: 08/31/2011 20:12

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 08310030.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		6449		113	200	-43.5*	15.0
Toxaphene Peak 2	Lin1		26475		96.3	200	-51.9*	15.0
Toxaphene Peak 3	Lin1		43223		168	200	-16.2*	15.0
Toxaphene Peak 4	Lin1		107512		207	200	3.6	15.0
Toxaphene Peak 5	Lin1		94463		443	200	121.3*	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-83947/22 Calibration Date: 08/31/2011 20:12

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 08310030.D

Analyte	RT	RT WINDOW	
		TO	FROM
Toxaphene Peak 1	5.54	5.52	5.56
Toxaphene Peak 2	6.39	6.38	6.42
Toxaphene Peak 3	6.95	6.94	6.98
Toxaphene Peak 4	7.40	7.38	7.42
Toxaphene Peak 5	7.89	7.87	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310030.D
Lims ID: ICV TOX
Client ID:
Inject. Date: 31-Aug-2011 20:12:42
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: ICV-646012 TOXSS
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 24
Lims Batch ID: 83947
Lims Sample ID: 22
Sublist:
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\OCP_CHP2.m
Last Update: 01-Sep-2011 13:53:05
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 01-Sep-2011 09:56:55

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.543	5.544	-0.001	1289882	113.1		100.0	M
1	-65	6.394	6.399	-0.005	5294995	96.3	493.4- 533.4	410.5	M
1	-65	6.953	6.955	-0.002	8644645	167.6	473.2- 513.2	670.2	M
1	-65	7.402	7.400	0.002	21502352	207.2	1037.7-1077.7	1667.0	M
1	-65	7.890	7.888	0.002	18892644	442.6	435.6- 475.6	1464.7	M
			Average of Peak Amounts =			205.4			
2	6	5.482	5.481	0.001	372539	74.0		100.0	M
2	7	6.221	6.218	0.003	2047738	198.8	273.5- 333.5	549.7	M
2	8	6.910	6.907	0.003	1890214	99.3	555.4- 615.4	507.4	M
2	9	7.472	7.470	0.002	7614213	243.2	1046.7-1106.7	2043.9	M
2	10	8.042	8.041	0.001	4227882	324.2	456.6- 516.6	1134.9	M
			Average of Peak Amounts =			187.9			
						RPD = 8.88			

QC Flag Legend

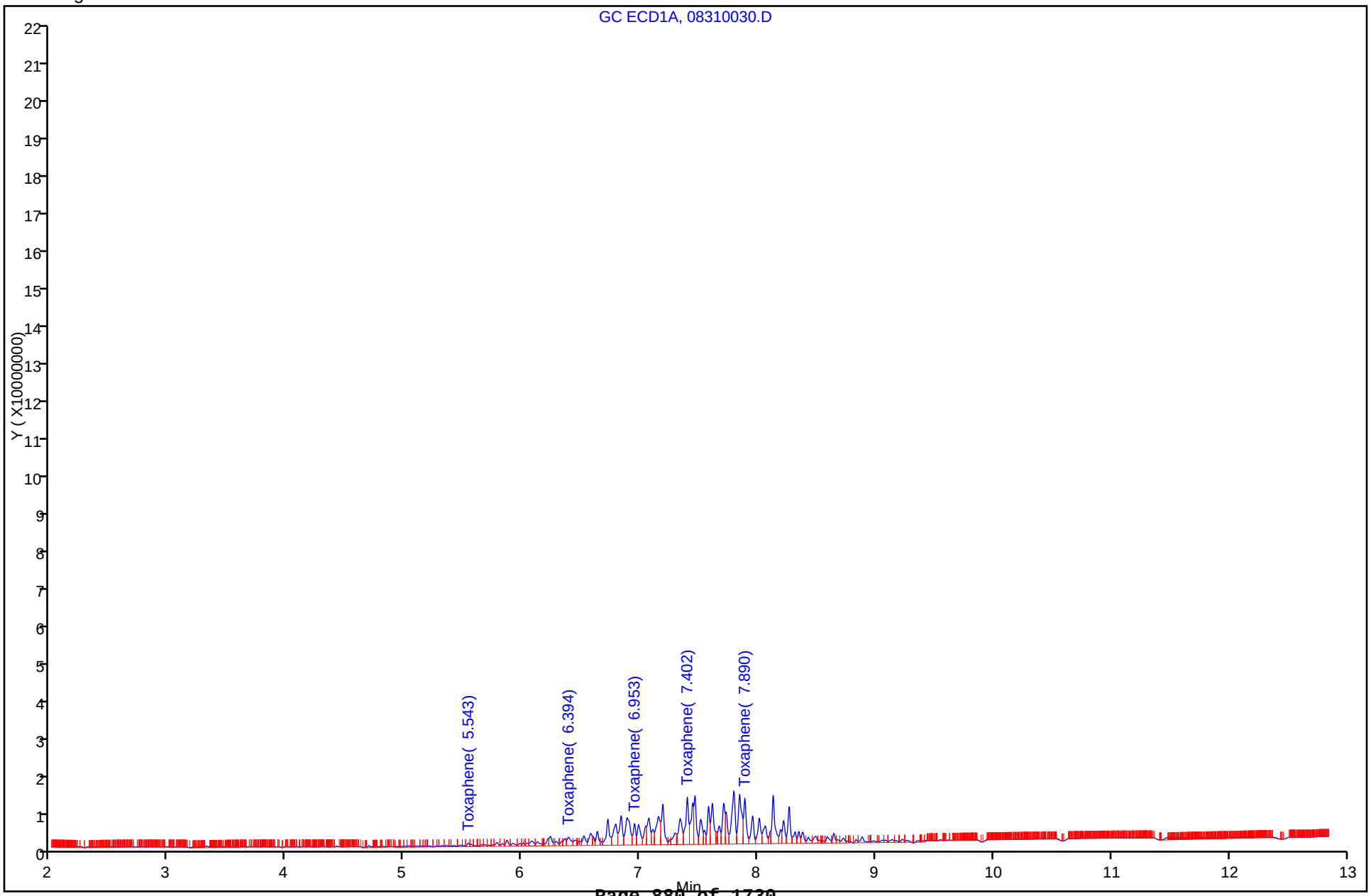
Review Flags
M - Manually Integrated

Report Date: 01-Sep-2011 13:53:12 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310030.D

Injection Date:	31-Aug-2011 20:12:42	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	22
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

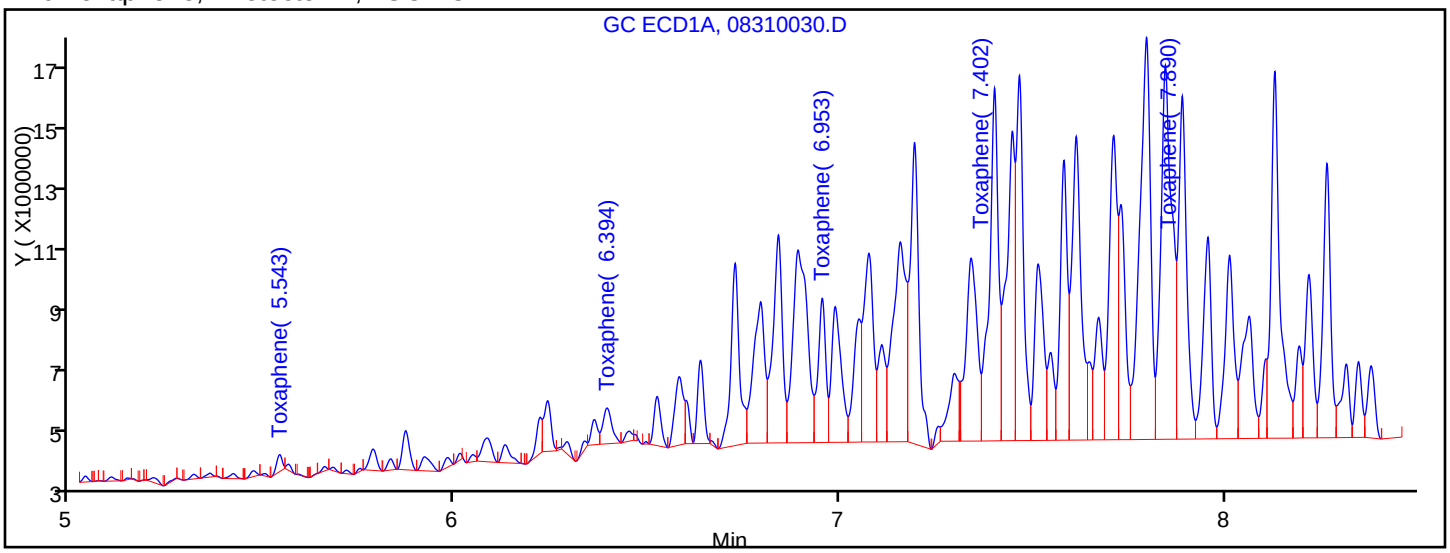


Report Date: 01-Sep-2011 13:53:14 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310030.D

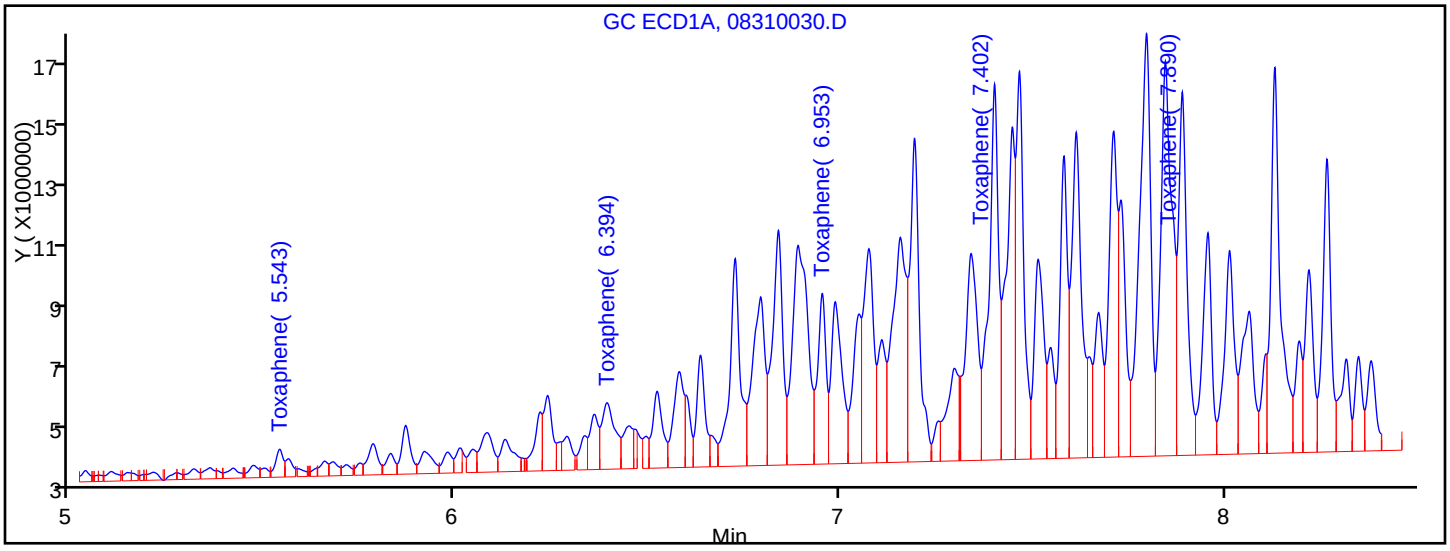
Injection Date:	31-Aug-2011 20:12:42	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	83947	Lims Sample ID:	22
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.543	Response = 570541	M
RT = 6.394	Response = 1921308	M
RT = 6.953	Response = 6641630	M
RT = 7.402	Response = 18999032	M
RT = 7.890	Response = 16791130	M



Manual Integration Results

RT = 5.543	Response = 1289882	M
RT = 6.394	Response = 5294995	M
RT = 6.953	Response = 8644645	M
RT = 7.402	Response = 21502352	M
RT = 7.890	Response = 18892644	M

Reviewer: reamb, 01-Sep-2011 09:56:55

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87288/3 Calibration Date: 09/21/2011 16:22

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		3906689		54.2	50.0	8.4	15.0
alpha-BHC	Lin2		5825524		54.0	50.0	8.0	20.0
gamma-BHC (Lindane)	Lin2		5208788		54.3	50.0	8.6	20.0
beta-BHC	Lin2		2067107		54.5	50.0	9.0	20.0
delta-BHC	Lin2		5137895		53.4	50.0	6.8	20.0
Heptachlor	Lin2		4916116		54.5	50.0	9.0	20.0
Aldrin	Lin2		4661801		53.7	50.0	7.4	20.0
Isodrin	Lin2		3917440		55.8	50.0	11.6	15.0
Heptachlor epoxide	Lin2		4227602		54.5	50.0	9.0	20.0
gamma-Chlordane	Lin2		4539999		54.1	50.0	8.2	20.0
alpha-Chlordane	Lin2		4271090		53.8	50.0	7.6	20.0
4,4'-DDE	Lin2		4275596		53.4	50.0	6.8	20.0
Endosulfan I	Lin2		3755434		53.0	50.0	6.0	20.0
Dieldrin	Ave	3582185	3980599		55.6	50.0	11.1	20.0
Endrin	Ave	3290683	3584658		54.5	50.0	8.9	20.0
4,4'-DDD	Qua		3779780		54.0	50.0	8.0	20.0
Endosulfan II	Lin2		3582305		55.4	50.0	10.8	20.0
4,4'-DDT	Lin2		3676285		55.0	50.0	10.0	20.0
Endrin aldehyde	Lin1		2688439		53.5	50.0	7.0	20.0
Methoxychlor	Lin2		1845627		57.6	50.0	15.2	20.0
Mirex	Qua		1874998		49.9	50.0	-0.2	15.0
Endosulfan sulfate	Lin2		3208412		54.3	50.0	8.6	20.0
Endrin ketone	Ave	3121207	3484681		55.8	50.0	11.6	20.0
Tetrachloro-m-xylene	Lin2		3641027		53.9	50.0	7.8	20.0
DCB Decachlorobiphenyl	Lin2		2444806		57.3	50.0	14.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87288/3 Calibration Date: 09/21/2011 16:22

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210011.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.10	5.12
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.62	6.64
Endrin	6.87	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.08	7.07	7.09
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.49	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210011.D
Lims ID: CCVRT AB4 Client ID:
Inject. Date: 21-Sep-2011 16:22:35 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 5
Lims Batch ID: 87288 Lims Sample ID: 3
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:16 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.8			
2						143.7			
						RPD = 40.55			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	182051372	53.9			
2	2	3.828	3.828	0.000	44464934	49.0			
						RPD = 9.50			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	195334469	54.2			
2	2	4.306	4.306	0.000	47174181	49.2			
						RPD = 9.73			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	291276184	54.0			
2	2	4.449	4.449	0.000	64228302	47.9			
						RPD = 12.00			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	260439422	54.3			
2	2	4.760	4.760	0.000	57030401	47.7			
						RPD = 13.10			
12 beta-BHC									
1	100	4.792	4.792	0.000	103355357	54.5			
2	2	4.833	4.833	0.000	24094290	47.6			
						RPD = 13.54			
13 delta-BHC									
1	100	4.940	4.940	0.000	256894743	53.4			
2	2	5.066	5.066	0.000	56787009	47.5			
						RPD = 11.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	245805793	54.5			
2	2	5.114	5.114	0.000	53470192	47.5			
						RPD = 13.76			
16 Aldrin									
1	-65	5.376	5.376	0.000	233090054	53.7			
2	2	5.389	5.389	0.000	54315707	48.1			
						RPD = 11.00			
18 Isodrin									
1	100	5.692	5.692	0.000	195871986	55.8			
2	2	5.760	5.760	0.000	37176318	46.9			
						RPD = 17.33			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	211380078	54.5			
2	2	5.943	5.943	0.000	49548118	48.2			
						RPD = 12.33			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	226999973	54.1			
2	2	6.146	6.146	0.000	51995769	47.8			
						RPD = 12.28			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	213554483	53.8			
2	2	6.299	6.299	0.000	50626627	48.4			
						RPD = 10.46			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	213779812	53.4			
2	2	6.474	6.474	0.000	52703274	49.3			
						RPD = 8.04			
26 Endosulfan I									
1	100	6.389	6.389	0.000	187771686	53.0			
2	2	6.355	6.355	0.000	47187699	48.6			
						RPD = 8.77			
28 Dieldrin									
1	100	6.633	6.633	0.000	199029937	55.6			
2	2	6.635	6.635	0.000	51151981	49.2			
						RPD = 12.13			
30 Endrin									
1	-65	6.865	6.865	0.000	179232922	54.5			
2	2	6.936	6.936	0.000	42599894	48.4			
						RPD = 11.73			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	188988999	54.0			
2	2	7.047	7.047	0.000	42164743	46.7			
						RPD = 14.36			
34 Endosulfan II									
1	100	7.084	7.084	0.000	179115262	55.4			
2	2	7.140	7.140	0.000	42031385	47.6			
						RPD = 15.20			

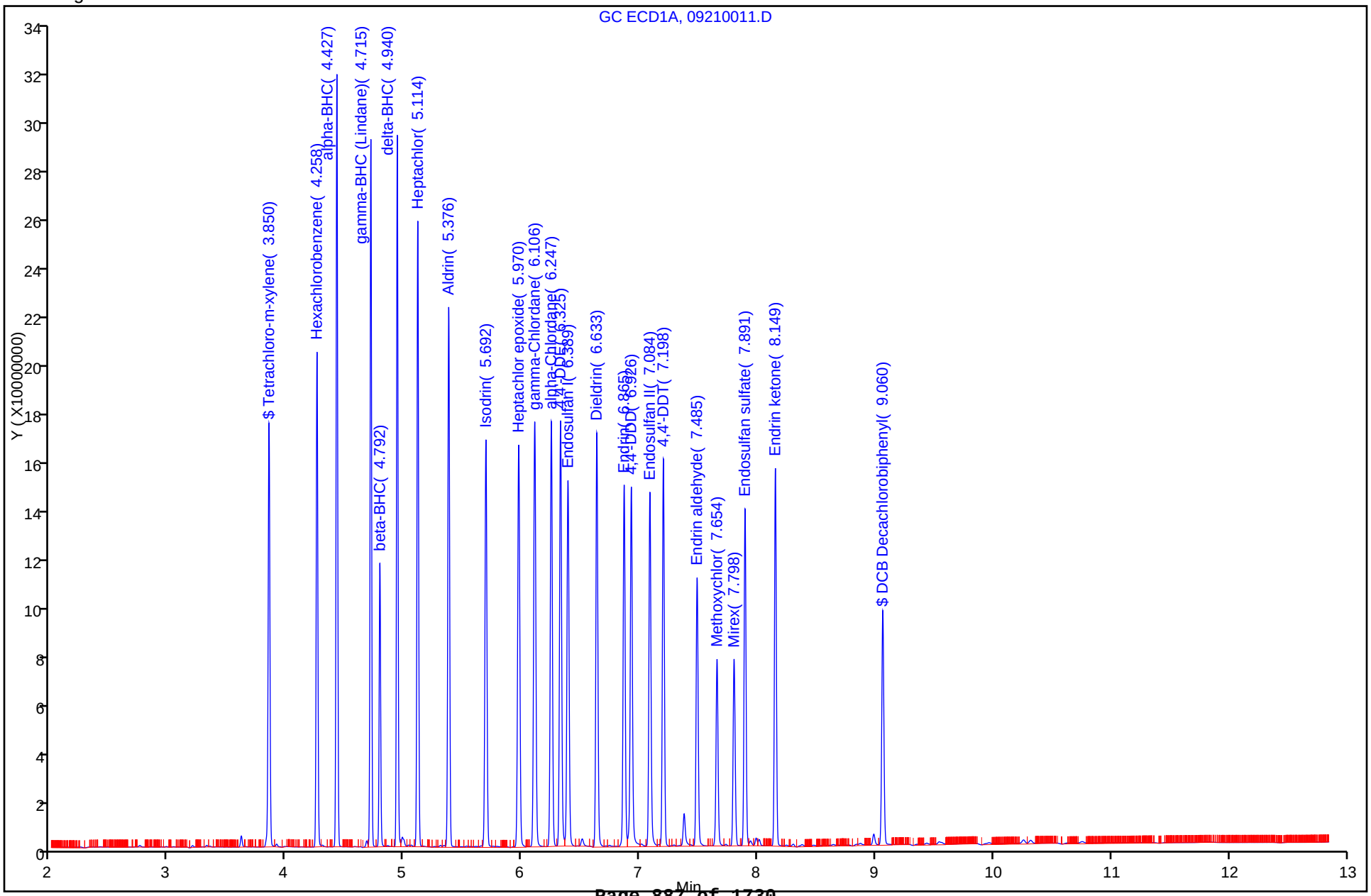
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	183814228	55.0			
2	2	7.347	7.347	0.000	38973479	46.9			
						RPD = 15.75			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	134421967	53.5			
2	2	7.462	7.462	0.000	35437958	48.8			
						RPD = 9.10			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	92281359	57.6			
2	2	7.984	7.984	0.000	19211939	47.0			
						RPD = 20.34			
38 Mirex									
1	100	7.798	7.798	0.000	93749902	49.9			
2	2	8.172	8.172	0.000	29635647	48.8			
						RPD = 2.26			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	160420612	54.3			
2	2	7.720	7.720	0.000	37058714	47.3			
						RPD = 13.95			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	174234047	55.8			
2	2	8.206	8.206	0.000	42534019	46.8			
						RPD = 17.55			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	122240307	57.3			
2	2	9.370	9.370	0.000	31385041	50.2			
						RPD = 13.25			

Report Date: 22-Sep-2011 15:24:18 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210011.D

Injection Date:	21-Sep-2011 16:22:35	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	3
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87288/3 Calibration Date: 09/21/2011 16:22

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210011.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		943484		49.2	50.0	-1.6	15.0
alpha-BHC	Lin2		1284566		47.9	50.0	-4.2	20.0
gamma-BHC (Lindane)	Lin2		1140608		47.7	50.0	-4.6	20.0
beta-BHC	Lin2		481886		47.6	50.0	-4.8	20.0
delta-BHC	Lin2		1135740		47.5	50.0	-5.0	20.0
Heptachlor	Lin2		1069404		47.5	50.0	-5.0	20.0
Aldrin	Lin2		1086314		48.1	50.0	-3.8	20.0
Isodrin	Qua		743526		46.9	50.0	-6.2	15.0
Heptachlor epoxide	Lin2		990962		48.2	50.0	-3.6	20.0
gamma-Chlordane	Lin2		1039915		47.8	50.0	-4.4	20.0
alpha-Chlordane	Lin2		1012533		48.4	50.0	-3.2	20.0
Endosulfan I	Lin2		943754		48.6	50.0	-2.8	20.0
4,4'-DDE	Lin2		1054065		49.3	50.0	-1.4	20.0
Dieldrin	Lin2		1023040		49.2	50.0	-1.6	20.0
Endrin	Ave	879551	851998		48.4	50.0	-3.1	20.0
4,4'-DDD	Qua		843295		46.7	50.0	-6.6	20.0
Endosulfan II	Lin2		840628		47.6	50.0	-4.8	20.0
4,4'-DDT	Lin2		779470		46.9	50.0	-6.2	20.0
Endrin aldehyde	Lin2		708759		48.8	50.0	-2.4	20.0
Endosulfan sulfate	Lin2		741174		47.3	50.0	-5.4	20.0
Methoxychlor	Lin2		384239		47.0	50.0	-6.0	20.0
Mirex	Lin2		592713		48.8	50.0	-2.4	15.0
Endrin ketone	Lin2		850680		46.8	50.0	-6.4	20.0
Tetrachloro-m-xylene	Lin2		889299		49.0	50.0	-2.0	20.0
DCB Decachlorobiphenyl	Lin2		627701		50.2	50.0	0.4	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87288/3 Calibration Date: 09/21/2011 16:22

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210011.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.83	4.82	4.84
delta-BHC	5.07	5.06	5.08
Heptachlor	5.11	5.10	5.12
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.94	5.93	5.95
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.47	6.46	6.48
Dieldrin	6.64	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.46	7.45	7.47
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.98	7.97	7.99
Mirex	8.17	8.16	8.18
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210011.D
Lims ID: CCVRT AB4 Client ID:
Inject. Date: 21-Sep-2011 16:22:35 Dil. Factor: 1.0000
Sample Type: CCVRT
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 5
Lims Batch ID: 87288 Lims Sample ID: 3
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:16 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.8			
2						143.7			
						RPD = 40.55			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	182051372	53.9			
2	2	3.828	3.828	0.000	44464934	49.0			
						RPD = 9.50			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	195334469	54.2			
2	2	4.306	4.306	0.000	47174181	49.2			
						RPD = 9.73			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	291276184	54.0			
2	2	4.449	4.449	0.000	64228302	47.9			
						RPD = 12.00			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	260439422	54.3			
2	2	4.760	4.760	0.000	57030401	47.7			
						RPD = 13.10			
12 beta-BHC									
1	100	4.792	4.792	0.000	103355357	54.5			
2	2	4.833	4.833	0.000	24094290	47.6			
						RPD = 13.54			
13 delta-BHC									
1	100	4.940	4.940	0.000	256894743	53.4			
2	2	5.066	5.066	0.000	56787009	47.5			
						RPD = 11.66			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	245805793	54.5			
2	2	5.114	5.114	0.000	53470192	47.5			
						RPD = 13.76			
16 Aldrin									
1	-65	5.376	5.376	0.000	233090054	53.7			
2	2	5.389	5.389	0.000	54315707	48.1			
						RPD = 11.00			
18 Isodrin									
1	100	5.692	5.692	0.000	195871986	55.8			
2	2	5.760	5.760	0.000	37176318	46.9			
						RPD = 17.33			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	211380078	54.5			
2	2	5.943	5.943	0.000	49548118	48.2			
						RPD = 12.33			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	226999973	54.1			
2	2	6.146	6.146	0.000	51995769	47.8			
						RPD = 12.28			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	213554483	53.8			
2	2	6.299	6.299	0.000	50626627	48.4			
						RPD = 10.46			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	213779812	53.4			
2	2	6.474	6.474	0.000	52703274	49.3			
						RPD = 8.04			
26 Endosulfan I									
1	100	6.389	6.389	0.000	187771686	53.0			
2	2	6.355	6.355	0.000	47187699	48.6			
						RPD = 8.77			
28 Dieldrin									
1	100	6.633	6.633	0.000	199029937	55.6			
2	2	6.635	6.635	0.000	51151981	49.2			
						RPD = 12.13			
30 Endrin									
1	-65	6.865	6.865	0.000	179232922	54.5			
2	2	6.936	6.936	0.000	42599894	48.4			
						RPD = 11.73			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	188988999	54.0			
2	2	7.047	7.047	0.000	42164743	46.7			
						RPD = 14.36			
34 Endosulfan II									
1	100	7.084	7.084	0.000	179115262	55.4			
2	2	7.140	7.140	0.000	42031385	47.6			
						RPD = 15.20			

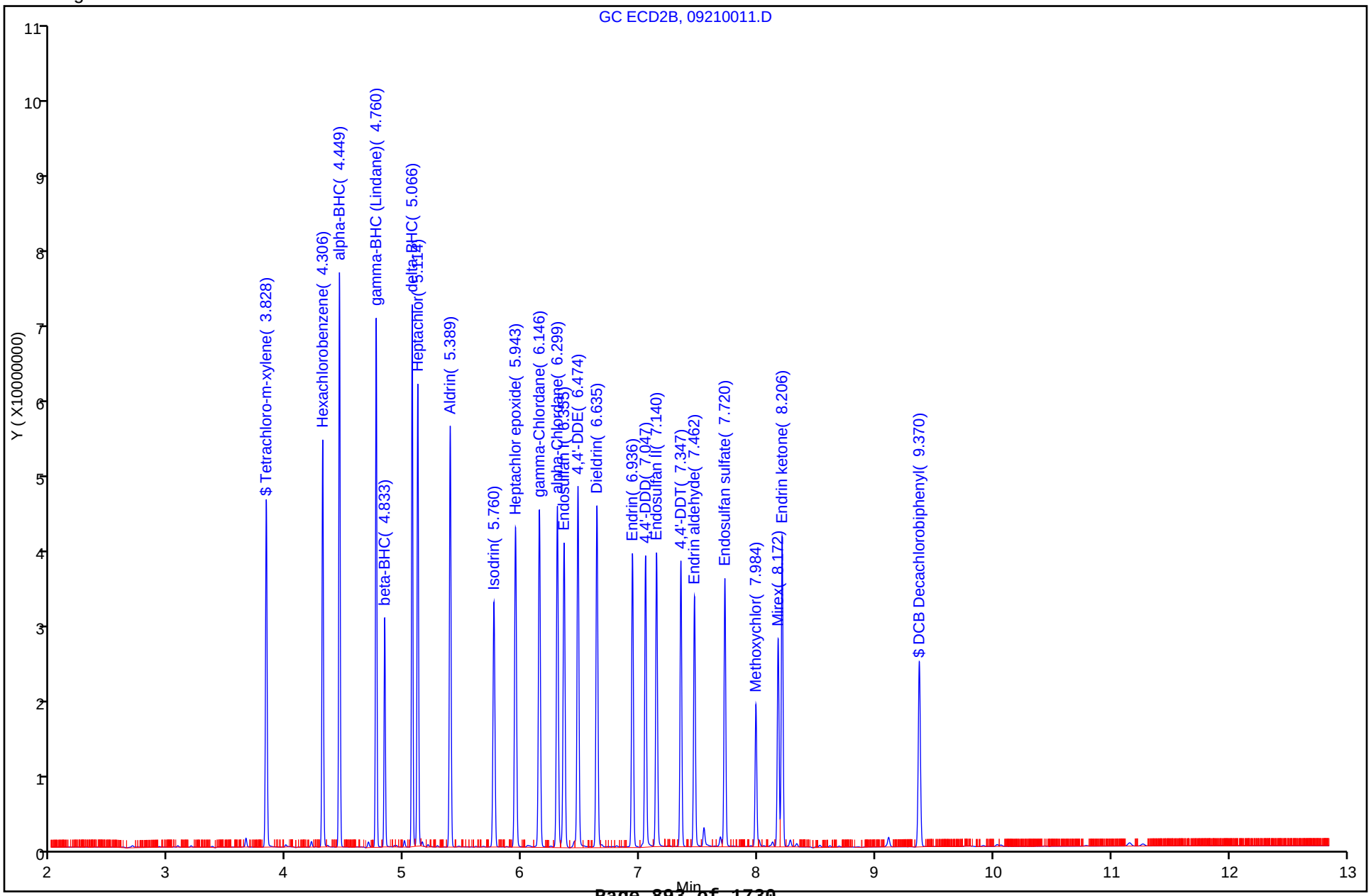
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	183814228	55.0			
2	2	7.347	7.347	0.000	38973479	46.9			
						RPD = 15.75			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	134421967	53.5			
2	2	7.462	7.462	0.000	35437958	48.8			
						RPD = 9.10			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	92281359	57.6			
2	2	7.984	7.984	0.000	19211939	47.0			
						RPD = 20.34			
38 Mirex									
1	100	7.798	7.798	0.000	93749902	49.9			
2	2	8.172	8.172	0.000	29635647	48.8			
						RPD = 2.26			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	160420612	54.3			
2	2	7.720	7.720	0.000	37058714	47.3			
						RPD = 13.95			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	174234047	55.8			
2	2	8.206	8.206	0.000	42534019	46.8			
						RPD = 17.55			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	122240307	57.3			
2	2	9.370	9.370	0.000	31385041	50.2			
						RPD = 13.25			

Report Date: 22-Sep-2011 15:24:18 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210011.D

Injection Date:	21-Sep-2011 16:22:35	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	3
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/16 Calibration Date: 09/21/2011 19:56

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210024.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		3873146		53.7	50.0	7.4	15.0
alpha-BHC	Lin2		5787424		53.6	50.0	7.2	20.0
gamma-BHC (Lindane)	Lin2		5168356		53.9	50.0	7.8	20.0
beta-BHC	Lin2		2044968		53.9	50.0	7.8	20.0
delta-BHC	Lin2		5109686		53.1	50.0	6.2	20.0
Heptachlor	Lin2		4876298		54.0	50.0	8.0	20.0
Aldrin	Lin2		4645979		53.5	50.0	7.0	20.0
Isodrin	Lin2		3882241		55.3	50.0	10.6	15.0
Heptachlor epoxide	Lin2		4211607		54.3	50.0	8.6	20.0
gamma-Chlordane	Lin2		4501857		53.6	50.0	7.2	20.0
alpha-Chlordane	Lin2		4226282		53.2	50.0	6.4	20.0
4,4'-DDE	Lin2		4239433		53.0	50.0	6.0	20.0
Endosulfan I	Lin2		3720870		52.5	50.0	5.0	20.0
Dieldrin	Ave	3582185	3974732		55.5	50.0	11.0	20.0
Endrin	Ave	3290683	3604277		54.8	50.0	9.5	20.0
4,4'-DDD	Qua		3789498		54.1	50.0	8.2	20.0
Endosulfan II	Lin2		3542272		54.8	50.0	9.6	20.0
4,4'-DDT	Lin2		3660799		54.7	50.0	9.4	20.0
Endrin aldehyde	Lin1		2860335		56.8	50.0	13.6	20.0
Methoxychlor	Lin2		1771384		55.3	50.0	10.6	20.0
Mirex	Qua		1870801		49.8	50.0	-0.4	15.0
Endosulfan sulfate	Lin2		3248917		55.0	50.0	10.0	20.0
Endrin ketone	Ave	3121207	3617484		58.0	50.0	15.9	20.0
Tetrachloro-m-xylene	Lin2		3604503		53.3	50.0	6.6	20.0
DCB Decachlorobiphenyl	Lin2		2416270		56.6	50.0	13.2	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/16 Calibration Date: 09/21/2011 19:56

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210024.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.10	5.12
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.62	6.64
Endrin	6.86	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.08	7.07	7.09
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.48	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210024.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 21-Sep-2011 19:56:41 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 18
Lims Batch ID: 87288 Lims Sample ID: 16
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:52 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						215.1			
2						145.9			
						RPD = 38.37			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	180225146	53.3			
2	2	3.828	3.828	0.000	43991809	48.5			
						RPD = 9.56			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	193657288	53.7			
2	2	4.306	4.306	0.000	47198850	49.2			
						RPD = 8.81			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	289371196	53.6			
2	2	4.449	4.449	0.000	65559421	48.9			
						RPD = 9.27			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	258417821	53.9			
2	2	4.760	4.760	0.000	58225588	48.7			
						RPD = 10.22			
12 beta-BHC									
1	100	4.792	4.792	0.000	102248388	53.9			
2	2	4.833	4.833	0.000	24534627	48.5			
						RPD = 10.58			
13 delta-BHC									
1	100	4.939	4.940	-0.001	255484301	53.1			
2	2	5.065	5.066	-0.001	57943541	48.5			
						RPD = 9.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	243814891	54.0			
2	2	5.114	5.114	0.000	54484891	48.4			
						RPD = 11.04			
16 Aldrin									
1	-65	5.376	5.376	0.000	232298951	53.5			
2	2	5.389	5.389	0.000	55393236	49.0			
						RPD = 8.68			
18 Isodrin									
1	100	5.691	5.692	-0.001	194112063	55.3			
2	2	5.759	5.760	-0.001	37886214	47.7			
						RPD = 14.81			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	210580336	54.3			
2	2	5.943	5.943	0.000	50470762	49.1			
						RPD = 10.09			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	225092846	53.6			
2	2	6.145	6.146	-0.001	52718271	48.5			
						RPD = 10.05			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	211314086	53.2			
2	2	6.298	6.299	-0.001	51228127	49.0			
						RPD = 8.21			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	211971663	53.0			
2	2	6.473	6.474	-0.001	53767608	50.3			
						RPD = 5.16			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186043523	52.5			
2	2	6.355	6.355	0.000	47992966	49.4			
						RPD = 6.10			
28 Dieldrin									
1	100	6.633	6.633	0.000	198736597	55.5			
2	2	6.634	6.635	-0.001	52256043	50.3			
						RPD = 9.85			
30 Endrin									
1	-65	6.864	6.865	-0.001	180213828	54.8			
2	2	6.935	6.936	-0.001	44054500	50.1			
						RPD = 8.92			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	189474882	54.1			
2	2	7.047	7.047	0.000	43768701	48.3			
						RPD = 11.24			
34 Endosulfan II									
1	100	7.084	7.084	0.000	177113624	54.8			
2	2	7.140	7.140	0.000	43356483	49.1			
						RPD = 10.95			

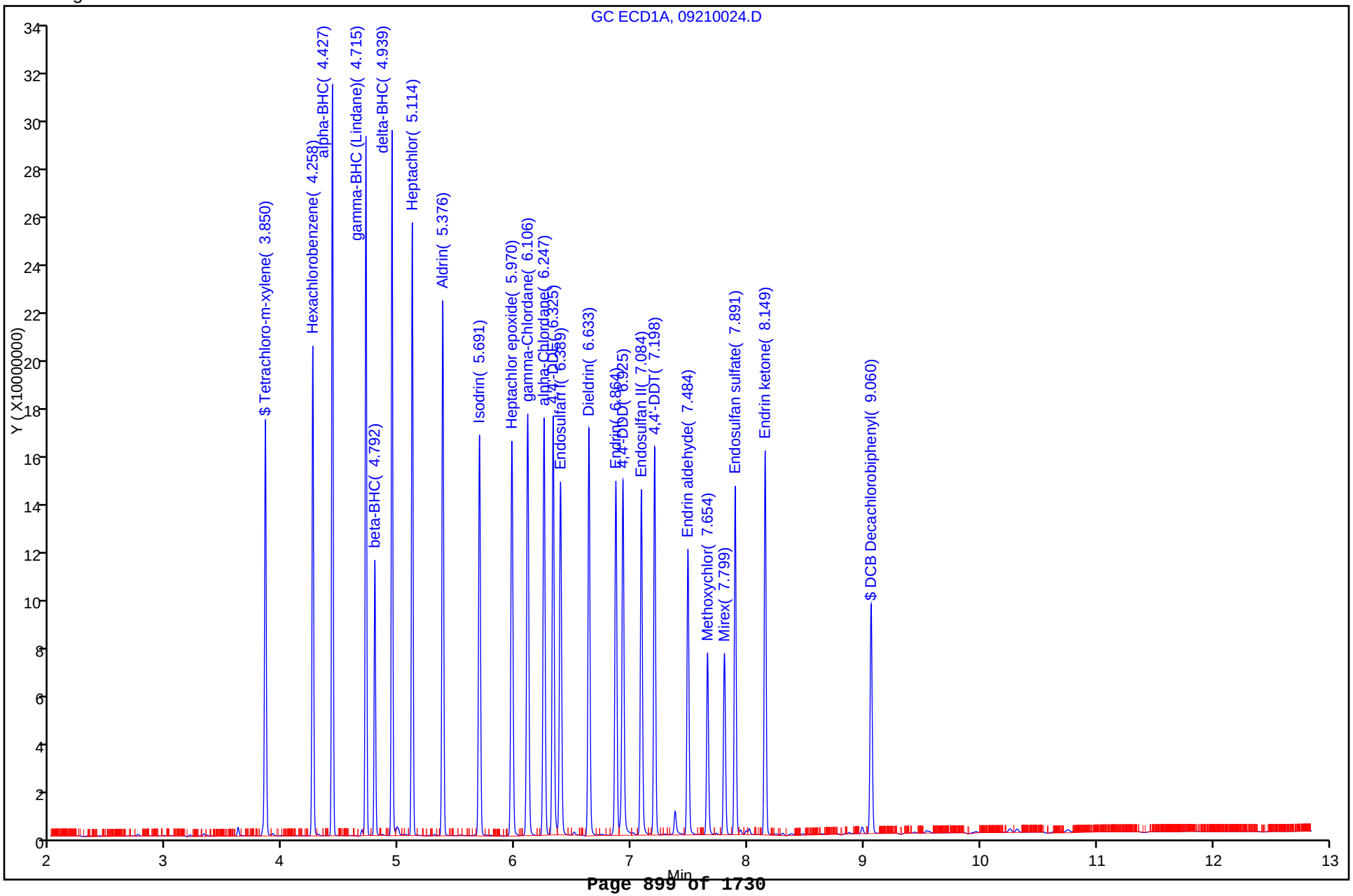
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	183039942	54.7			
2	2	7.346	7.347	-0.001	40859709	49.2			
						RPD = 10.61			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	143016737	56.8			
2	2	7.462	7.462	0.000	36281286	50.0			
						RPD = 12.83			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	88569209	55.3			
2	2	7.984	7.984	0.000	20109478	49.2			
						RPD = 11.54			
38 Mirex									
1	100	7.799	7.798	0.001	93540064	49.8			
2	2	8.172	8.172	0.000	30459387	50.2			
						RPD = 0.72			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	162445853	55.0			
2	2	7.720	7.720	0.000	38665010	49.3			
						RPD = 10.93			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	180874192	58.0			
2	2	8.206	8.206	0.000	45149656	49.7			
						RPD = 15.27			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	120813481	56.6			
2	2	9.369	9.370	-0.001	32072600	51.3			
						RPD = 9.85			

Report Date: 22-Sep-2011 15:24:54 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210024.D

Injection Date:	21-Sep-2011 19:56:41	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	16
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/16 Calibration Date: 09/21/2011 19:56

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210024.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		943977		49.2	50.0	-1.6	15.0
alpha-BHC	Lin2		1311188		48.9	50.0	-2.2	20.0
gamma-BHC (Lindane)	Lin2		1164512		48.7	50.0	-2.6	20.0
beta-BHC	Lin2		490693		48.5	50.0	-3.0	20.0
delta-BHC	Lin2		1158871		48.5	50.0	-3.0	20.0
Heptachlor	Lin2		1089698		48.4	50.0	-3.2	20.0
Aldrin	Lin2		1107865		49.0	50.0	-2.0	20.0
Isodrin	Qua		757724		47.7	50.0	-4.6	15.0
Heptachlor epoxide	Lin2		1009415		49.1	50.0	-1.8	20.0
gamma-Chlordane	Lin2		1054365		48.5	50.0	-3.0	20.0
alpha-Chlordane	Lin2		1024563		49.0	50.0	-2.0	20.0
Endosulfan I	Lin2		959859		49.4	50.0	-1.2	20.0
4,4'-DDE	Lin2		1075352		50.3	50.0	0.6	20.0
Dieldrin	Lin2		1045121		50.3	50.0	0.6	20.0
Endrin	Ave	879551	881090		50.1	50.0	0.2	20.0
4,4'-DDD	Qua		875374		48.3	50.0	-3.4	20.0
Endosulfan II	Lin2		867130		49.1	50.0	-1.8	20.0
4,4'-DDT	Lin2		817194		49.2	50.0	-1.6	20.0
Endrin aldehyde	Lin2		725626		50.0	50.0	0.0	20.0
Endosulfan sulfate	Lin2		773300		49.3	50.0	-1.4	20.0
Methoxychlor	Lin2		402190		49.2	50.0	-1.6	20.0
Mirex	Lin2		609188		50.2	50.0	0.4	15.0
Endrin ketone	Lin2		902993		49.7	50.0	-0.6	20.0
Tetrachloro-m-xylene	Lin2		879836		48.5	50.0	-3.0	20.0
DCB Decachlorobiphenyl	Lin2		641452		51.3	50.0	2.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/16 Calibration Date: 09/21/2011 19:56

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210024.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.83	4.82	4.84
delta-BHC	5.07	5.06	5.08
Heptachlor	5.11	5.10	5.12
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.94	5.93	5.95
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.47	6.46	6.48
Dieldrin	6.63	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.46	7.45	7.47
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.98	7.97	7.99
Mirex	8.17	8.16	8.18
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210024.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 21-Sep-2011 19:56:41 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 18
Lims Batch ID: 87288 Lims Sample ID: 16
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:52 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						215.1			
2						145.9			
						RPD = 38.37			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	180225146	53.3			
2	2	3.828	3.828	0.000	43991809	48.5			
						RPD = 9.56			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	193657288	53.7			
2	2	4.306	4.306	0.000	47198850	49.2			
						RPD = 8.81			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	289371196	53.6			
2	2	4.449	4.449	0.000	65559421	48.9			
						RPD = 9.27			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	258417821	53.9			
2	2	4.760	4.760	0.000	58225588	48.7			
						RPD = 10.22			
12 beta-BHC									
1	100	4.792	4.792	0.000	102248388	53.9			
2	2	4.833	4.833	0.000	24534627	48.5			
						RPD = 10.58			
13 delta-BHC									
1	100	4.939	4.940	-0.001	255484301	53.1			
2	2	5.065	5.066	-0.001	57943541	48.5			
						RPD = 9.09			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	243814891	54.0			
2	2	5.114	5.114	0.000	54484891	48.4			
						RPD = 11.04			
16 Aldrin									
1	-65	5.376	5.376	0.000	232298951	53.5			
2	2	5.389	5.389	0.000	55393236	49.0			
						RPD = 8.68			
18 Isodrin									
1	100	5.691	5.692	-0.001	194112063	55.3			
2	2	5.759	5.760	-0.001	37886214	47.7			
						RPD = 14.81			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	210580336	54.3			
2	2	5.943	5.943	0.000	50470762	49.1			
						RPD = 10.09			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	225092846	53.6			
2	2	6.145	6.146	-0.001	52718271	48.5			
						RPD = 10.05			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	211314086	53.2			
2	2	6.298	6.299	-0.001	51228127	49.0			
						RPD = 8.21			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	211971663	53.0			
2	2	6.473	6.474	-0.001	53767608	50.3			
						RPD = 5.16			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186043523	52.5			
2	2	6.355	6.355	0.000	47992966	49.4			
						RPD = 6.10			
28 Dieldrin									
1	100	6.633	6.633	0.000	198736597	55.5			
2	2	6.634	6.635	-0.001	52256043	50.3			
						RPD = 9.85			
30 Endrin									
1	-65	6.864	6.865	-0.001	180213828	54.8			
2	2	6.935	6.936	-0.001	44054500	50.1			
						RPD = 8.92			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	189474882	54.1			
2	2	7.047	7.047	0.000	43768701	48.3			
						RPD = 11.24			
34 Endosulfan II									
1	100	7.084	7.084	0.000	177113624	54.8			
2	2	7.140	7.140	0.000	43356483	49.1			
						RPD = 10.95			

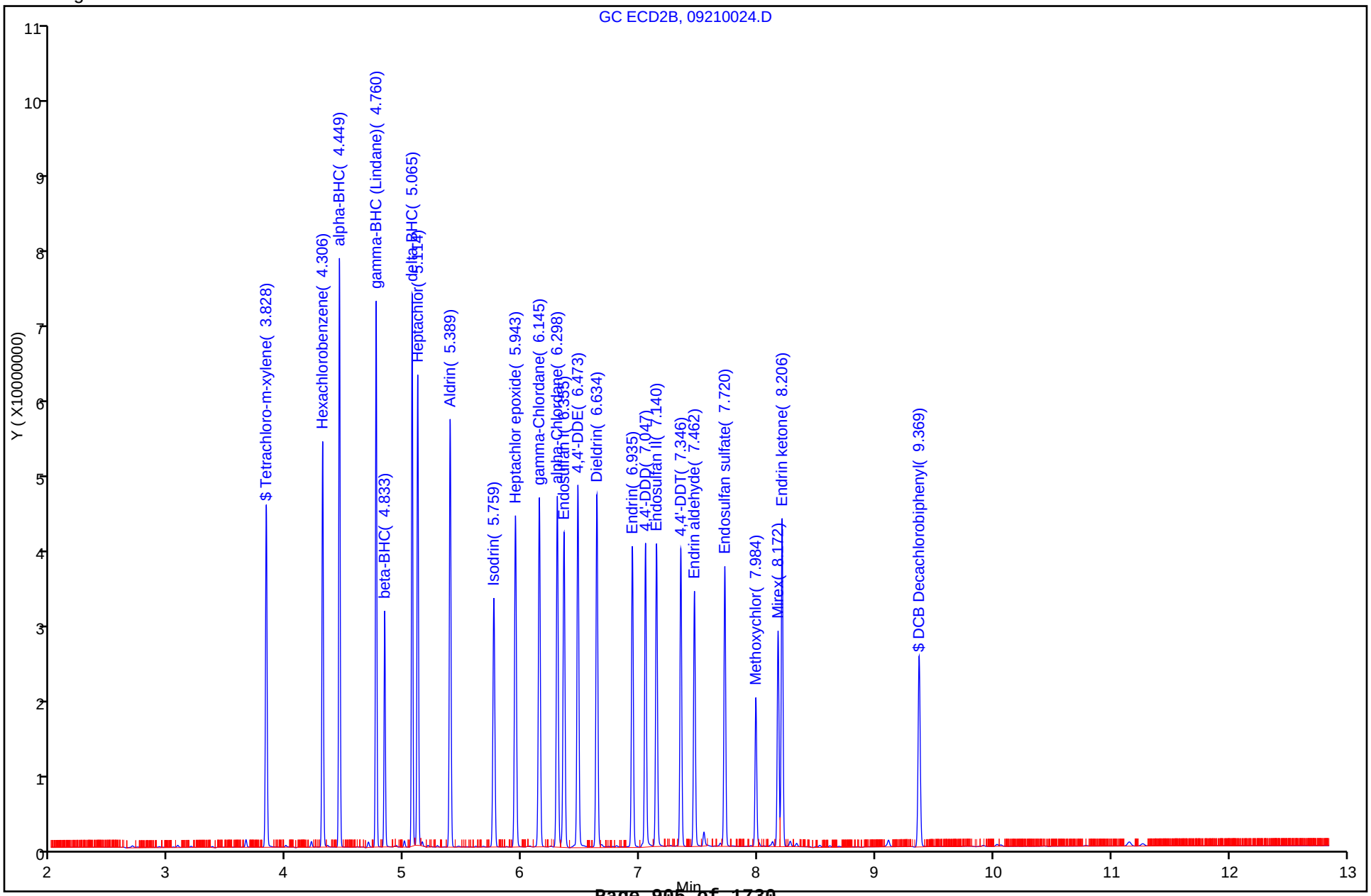
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	183039942	54.7			
2	2	7.346	7.347	-0.001	40859709	49.2			
						RPD = 10.61			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	143016737	56.8			
2	2	7.462	7.462	0.000	36281286	50.0			
						RPD = 12.83			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	88569209	55.3			
2	2	7.984	7.984	0.000	20109478	49.2			
						RPD = 11.54			
38 Mirex									
1	100	7.799	7.798	0.001	93540064	49.8			
2	2	8.172	8.172	0.000	30459387	50.2			
						RPD = 0.72			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	162445853	55.0			
2	2	7.720	7.720	0.000	38665010	49.3			
						RPD = 10.93			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	180874192	58.0			
2	2	8.206	8.206	0.000	45149656	49.7			
						RPD = 15.27			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	120813481	56.6			
2	2	9.369	9.370	-0.001	32072600	51.3			
						RPD = 9.85			

Report Date: 22-Sep-2011 15:24:55 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210024.D

Injection Date:	21-Sep-2011 19:56:41	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	16
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/17 Calibration Date: 09/21/2011 20:13

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210025.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		8681		163	200	-18.3*	15.0
Toxaphene Peak 2	Lin1		51174		206	200	2.9	15.0
Toxaphene Peak 3	Lin1		46215		181	200	-9.6	15.0
Toxaphene Peak 4	Lin1		98968		190	200	-5.2	15.0
Toxaphene Peak 5	Lin1		49944		241	200	20.7*	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/17 Calibration Date: 09/21/2011 20:13

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210025.D

Analyte	RT	RT WINDOW	
		TO	FROM
Toxaphene Peak 1	5.54	5.53	5.57
Toxaphene Peak 2	6.40	6.38	6.42
Toxaphene Peak 3	6.96	6.94	6.98
Toxaphene Peak 4	7.40	7.38	7.42
Toxaphene Peak 5	7.89	7.87	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210025.D		
Lims ID:	CCV TOX1	Client ID:	
Inject. Date:	21-Sep-2011 20:13:12	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	CCV-849156 TOX1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	19
Lims Batch ID:	87288	Lims Sample ID:	17
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:25:57

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.545	-0.001	1736110	163.4		100.0	M
1	-65	6.399	6.400	-0.001	10234881	205.7	493.4- 533.4	589.5	M
1	-65	6.956	6.957	-0.001	9242996	180.8	473.2- 513.2	532.4	M
1	-65	7.401	7.402	-0.001	19793651	189.6	1037.7-1077.7	1140.1	M
1	-65	7.889	7.890	-0.001	9988864	241.3	435.6- 475.6	575.4	M
			Average of Peak Amounts =			196.2			
2	6	5.456	5.457	-0.001	894563	273.8		100.0	M
2	7	6.217	6.217	0.000	1882456	178.5	273.5- 333.5	210.4	M
2	8	6.905	6.908	-0.003	3034817	172.2	555.4- 615.4	339.3	M
2	9	7.469	7.471	-0.002	6150921	192.5	1046.7-1106.7	687.6	M
2	10	8.041	8.042	-0.001	2008712	154.9	456.6- 516.6	224.5	M
			Average of Peak Amounts =			194.4			
						RPD = 0.93			

QC Flag Legend

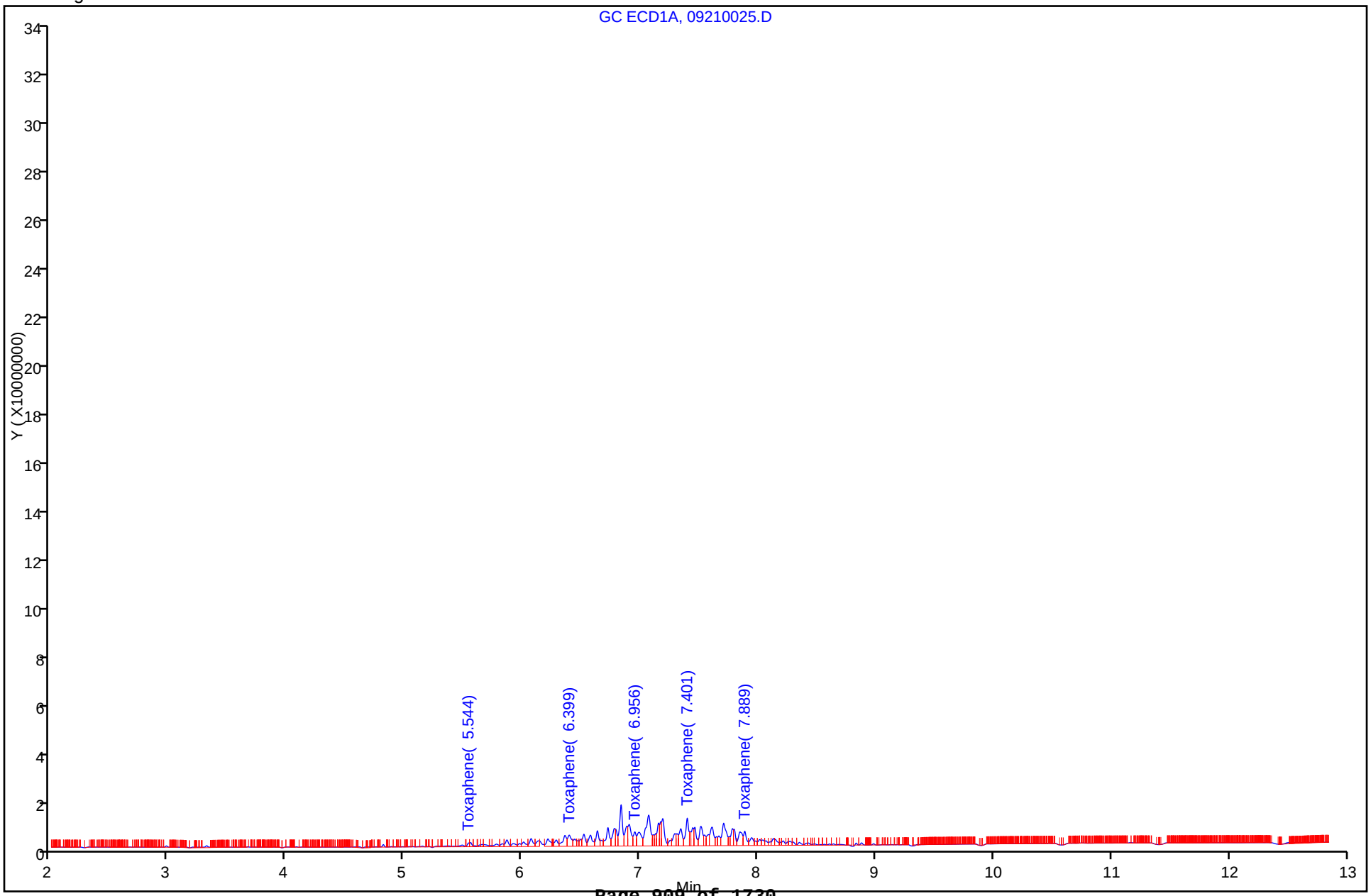
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:03 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210025.D

Injection Date:	21-Sep-2011 20:13:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	17
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

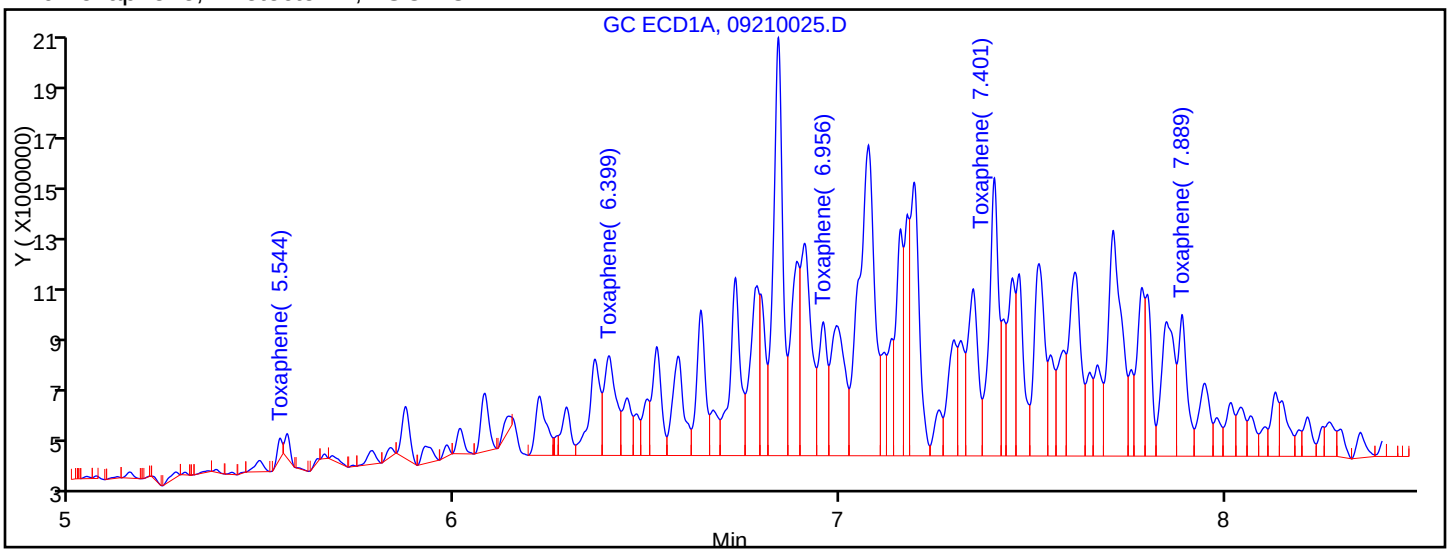


Report Date: 22-Sep-2011 15:25:04 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210025.D

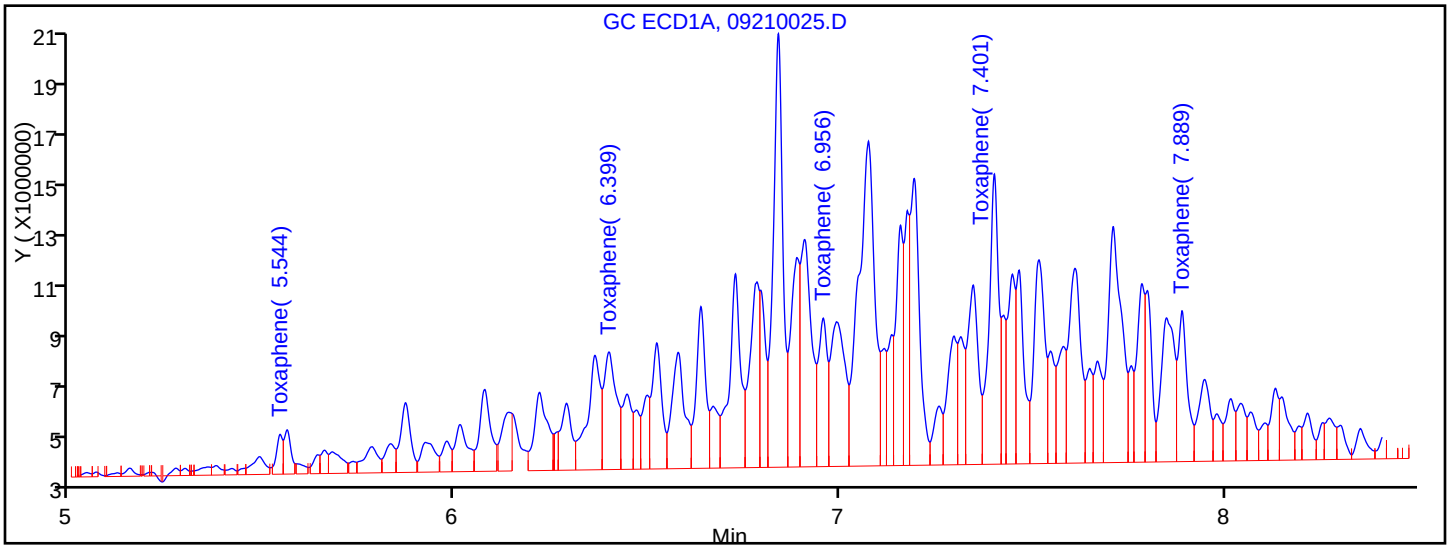
Injection Date:	21-Sep-2011 20:13:12	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	17
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 694342	M
RT = 6.399	Response = 8203888	M
RT = 6.956	Response = 8150632	M
RT = 7.401	Response = 18393758	M
RT = 7.889	Response = 8999982	M



Manual Integration Results

RT = 5.544	Response = 1736110	M
RT = 6.399	Response = 10234881	M
RT = 6.956	Response = 9242996	M
RT = 7.401	Response = 19793651	M
RT = 7.889	Response = 9988864	M

Reviewer: reamb, 22-Sep-2011 10:25:57

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/29 Calibration Date: 09/21/2011 23:30

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210037.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		3912722		54.3	50.0	8.6	15.0
alpha-BHC	Lin2		5851584		54.2	50.0	8.4	20.0
gamma-BHC (Lindane)	Lin2		5213233		54.4	50.0	8.8	20.0
beta-BHC	Lin2		2064150		54.4	50.0	8.8	20.0
delta-BHC	Lin2		5153255		53.5	50.0	7.0	20.0
Heptachlor	Lin2		4899692		54.3	50.0	8.6	20.0
Aldrin	Lin2		4674264		53.8	50.0	7.6	20.0
Isodrin	Lin2		3901605		55.6	50.0	11.2	15.0
Heptachlor epoxide	Lin2		4227514		54.5	50.0	9.0	20.0
gamma-Chlordane	Lin2		4511474		53.7	50.0	7.4	20.0
alpha-Chlordane	Lin2		4254515		53.5	50.0	7.0	20.0
4,4'-DDE	Lin2		4258154		53.2	50.0	6.4	20.0
Endosulfan I	Lin2		3720488		52.5	50.0	5.0	20.0
Dieldrin	Ave	3582185	3975997		55.5	50.0	11.0	20.0
Endrin	Ave	3290683	3651004		55.5	50.0	10.9	20.0
4,4'-DDD	Qua		3822307		54.5	50.0	9.0	20.0
Endosulfan II	Lin2		3538487		54.7	50.0	9.4	20.0
4,4'-DDT	Lin2		3606050		53.9	50.0	7.8	20.0
Endrin aldehyde	Lin1		2875527		57.1	50.0	14.2	20.0
Methoxychlor	Lin2		1722437		53.7	50.0	7.4	20.0
Mirex	Qua		1876842		50.0	50.0	0.0	15.0
Endosulfan sulfate	Lin2		3224628		54.6	50.0	9.2	20.0
Endrin ketone	Ave	3121207	3609653		57.8	50.0	15.6	20.0
Tetrachloro-m-xylene	Lin2		3641825		53.9	50.0	7.8	20.0
DCB Decachlorobiphenyl	Lin2		2401259		56.3	50.0	12.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/29 Calibration Date: 09/21/2011 23:30

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210037.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.10	5.12
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.62	6.64
Endrin	6.87	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.08	7.07	7.09
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.49	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210037.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 21-Sep-2011 23:30:40 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 31
Lims Batch ID: 87288 Lims Sample ID: 29
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:25:36 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.1			
2						148.9			
						RPD = 36.79			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	182091236	53.9			
2	2	3.827	3.828	-0.001	44754533	49.3			
						RPD = 8.86			
8 Hexachlorobenzene									
1	100	4.257	4.258	-0.001	195636098	54.3			
2	2	4.307	4.306	0.001	47929267	50.0			
						RPD = 8.26			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	292579188	54.2			
2	2	4.448	4.449	-0.001	66839496	49.8			
						RPD = 8.41			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	260661636	54.4			
2	2	4.761	4.760	0.001	59547644	49.8			
						RPD = 8.81			
12 beta-BHC									
1	100	4.792	4.792	0.000	103207513	54.4			
2	2	4.833	4.833	0.000	25031148	49.5			
						RPD = 9.46			
13 delta-BHC									
1	100	4.939	4.940	-0.001	257662746	53.5			
2	2	5.066	5.066	0.000	58950264	49.3			
						RPD = 8.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.114	-0.001	244984602	54.3			
2	2	5.113	5.114	-0.001	55340232	49.2			
						RPD = 9.95			
16 Aldrin									
1	-65	5.377	5.376	0.001	233713202	53.8			
2	2	5.389	5.389	0.000	56185628	49.7			
						RPD = 7.86			
18 Isodrin									
1	100	5.692	5.692	0.000	195080254	55.6			
2	2	5.760	5.760	0.000	38727414	48.6			
						RPD = 13.40			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	211375722	54.5			
2	2	5.943	5.943	0.000	51790154	50.4			
						RPD = 7.86			
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	225573694	53.7			
2	2	6.146	6.146	0.000	54225100	49.9			
						RPD = 7.42			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	212725751	53.5			
2	2	6.298	6.299	-0.001	52153441	49.9			
						RPD = 7.08			
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	212907681	53.2			
2	2	6.473	6.474	-0.001	54144034	50.7			
						RPD = 4.90			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186024420	52.5			
2	2	6.355	6.355	0.000	48917273	50.4			
						RPD = 4.14			
28 Dieldrin									
1	100	6.633	6.633	0.000	198799872	55.5			
2	2	6.634	6.635	-0.001	52917003	50.9			
						RPD = 8.62			
30 Endrin									
1	-65	6.865	6.865	0.000	182550183	55.5			
2	2	6.936	6.936	0.000	44986038	51.1			
						RPD = 8.12			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	191115371	54.5			
2	2	7.046	7.047	-0.001	44232591	48.8			
						RPD = 11.03			
34 Endosulfan II									
1	100	7.084	7.084	0.000	176924344	54.7			
2	2	7.140	7.140	0.000	44012221	49.8			
						RPD = 9.32			

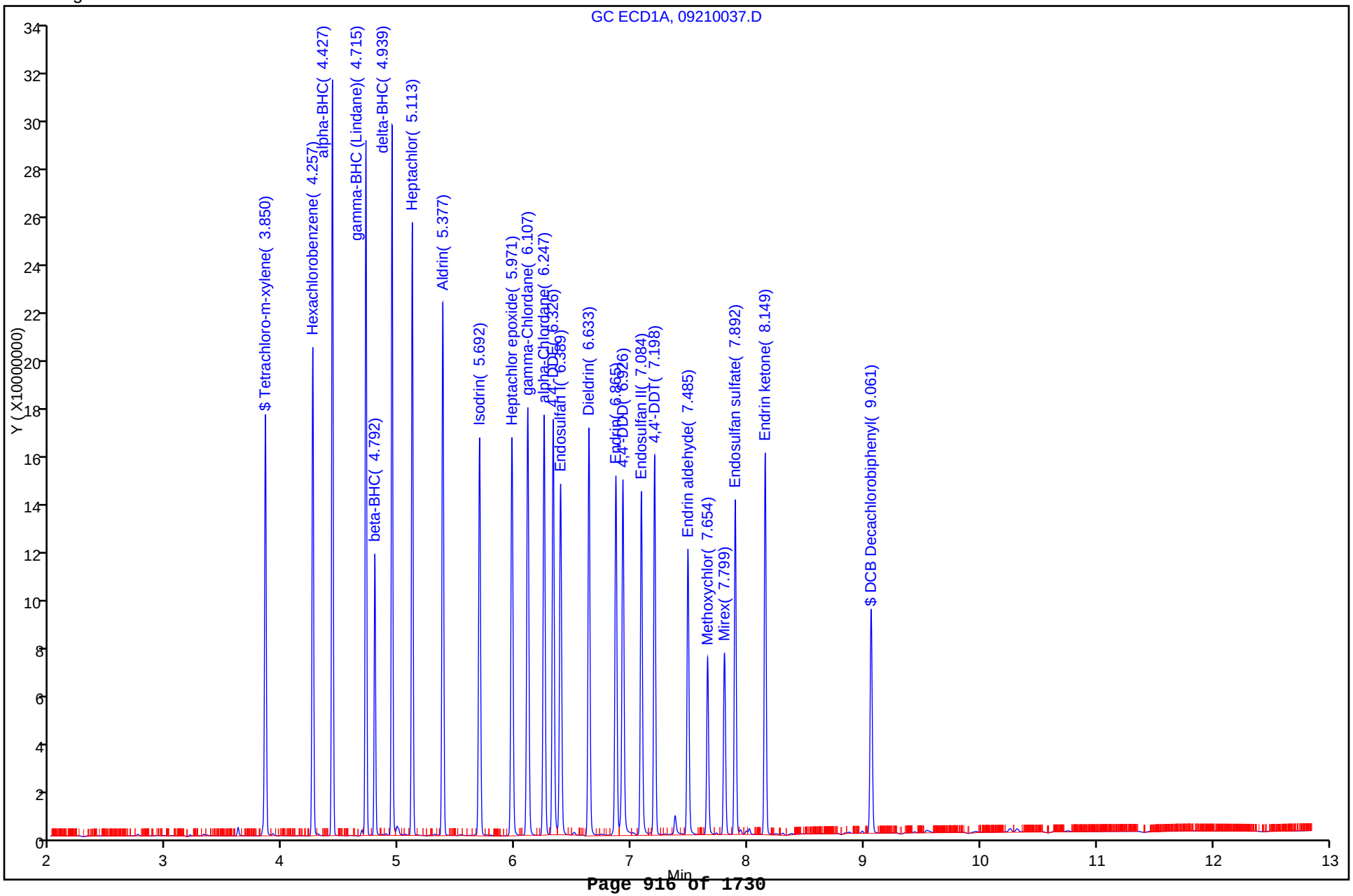
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	180302506	53.9			
2	2	7.347	7.347	0.000	40530927	48.8			
						RPD = 9.91			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	143776350	57.1			
2	2	7.462	7.462	0.000	36665848	50.5			
						RPD = 12.29			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	86121864	53.7			
2	2	7.983	7.984	-0.001	20229890	49.5			
						RPD = 8.10			
38 Mirex									
1	100	7.799	7.798	0.001	93842111	50.0			
2	2	8.172	8.172	0.000	30721700	50.6			
						RPD = 1.32			
39 Endosulfan sulfate									
1	-65	7.892	7.891	0.001	161231413	54.6			
2	2	7.720	7.720	0.000	38996547	49.8			
						RPD = 9.32			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	180482672	57.8			
2	2	8.207	8.206	0.001	45897474	50.6			
						RPD = 13.40			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	120062941	56.3			
2	2	9.369	9.370	-0.001	32033069	51.3			
						RPD = 9.35			

Report Date: 22-Sep-2011 15:25:39 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210037.D

Injection Date:	21-Sep-2011 23:30:40	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	29
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/29 Calibration Date: 09/21/2011 23:30

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210037.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		958585		50.0	50.0	0.0	15.0
alpha-BHC	Lin2		1336790		49.8	50.0	-0.4	20.0
gamma-BHC (Lindane)	Lin2		1190953		49.8	50.0	-0.4	20.0
beta-BHC	Lin2		500623		49.5	50.0	-1.0	20.0
delta-BHC	Lin2		1179005		49.3	50.0	-1.4	20.0
Heptachlor	Lin2		1106805		49.2	50.0	-1.6	20.0
Aldrin	Lin2		1123713		49.7	50.0	-0.6	20.0
Isodrin	Qua		774548		48.6	50.0	-2.8	15.0
Heptachlor epoxide	Lin2		1035803		50.4	50.0	0.8	20.0
gamma-Chlordane	Lin2		1084502		49.9	50.0	-0.2	20.0
alpha-Chlordane	Lin2		1043069		49.9	50.0	-0.2	20.0
Endosulfan I	Lin2		978345		50.4	50.0	0.8	20.0
4,4'-DDE	Lin2		1082881		50.7	50.0	1.4	20.0
Dieldrin	Lin2		1058340		50.9	50.0	1.8	20.0
Endrin	Ave	879551	899721		51.1	50.0	2.3	20.0
4,4'-DDD	Qua		884652		48.8	50.0	-2.4	20.0
Endosulfan II	Lin2		880244		49.8	50.0	-0.4	20.0
4,4'-DDT	Lin2		810619		48.8	50.0	-2.4	20.0
Endrin aldehyde	Lin2		733317		50.5	50.0	1.0	20.0
Endosulfan sulfate	Lin2		779931		49.8	50.0	-0.4	20.0
Methoxychlor	Lin2		404598		49.5	50.0	-1.0	20.0
Mirex	Lin2		614434		50.6	50.0	1.2	15.0
Endrin ketone	Lin2		917949		50.6	50.0	1.2	20.0
Tetrachloro-m-xylene	Lin2		895091		49.3	50.0	-1.4	20.0
DCB Decachlorobiphenyl	Lin2		640661		51.3	50.0	2.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/29 Calibration Date: 09/21/2011 23:30

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210037.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.83	4.82	4.84
delta-BHC	5.07	5.06	5.08
Heptachlor	5.11	5.10	5.12
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.94	5.93	5.95
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.47	6.46	6.48
Dieldrin	6.63	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.46	7.45	7.47
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.98	7.97	7.99
Mirex	8.17	8.16	8.18
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210037.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 21-Sep-2011 23:30:40 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 31
Lims Batch ID: 87288 Lims Sample ID: 29
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:25:36 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.1			
2						148.9			
						RPD = 36.79			
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	182091236	53.9			
2	2	3.827	3.828	-0.001	44754533	49.3			
						RPD = 8.86			
8 Hexachlorobenzene									
1	100	4.257	4.258	-0.001	195636098	54.3			
2	2	4.307	4.306	0.001	47929267	50.0			
						RPD = 8.26			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	292579188	54.2			
2	2	4.448	4.449	-0.001	66839496	49.8			
						RPD = 8.41			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	260661636	54.4			
2	2	4.761	4.760	0.001	59547644	49.8			
						RPD = 8.81			
12 beta-BHC									
1	100	4.792	4.792	0.000	103207513	54.4			
2	2	4.833	4.833	0.000	25031148	49.5			
						RPD = 9.46			
13 delta-BHC									
1	100	4.939	4.940	-0.001	257662746	53.5			
2	2	5.066	5.066	0.000	58950264	49.3			
						RPD = 8.20			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.114	-0.001	244984602	54.3			
2	2	5.113	5.114	-0.001	55340232	49.2			
						RPD = 9.95			
16 Aldrin									
1	-65	5.377	5.376	0.001	233713202	53.8			
2	2	5.389	5.389	0.000	56185628	49.7			
						RPD = 7.86			
18 Isodrin									
1	100	5.692	5.692	0.000	195080254	55.6			
2	2	5.760	5.760	0.000	38727414	48.6			
						RPD = 13.40			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	211375722	54.5			
2	2	5.943	5.943	0.000	51790154	50.4			
						RPD = 7.86			
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	225573694	53.7			
2	2	6.146	6.146	0.000	54225100	49.9			
						RPD = 7.42			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	212725751	53.5			
2	2	6.298	6.299	-0.001	52153441	49.9			
						RPD = 7.08			
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	212907681	53.2			
2	2	6.473	6.474	-0.001	54144034	50.7			
						RPD = 4.90			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186024420	52.5			
2	2	6.355	6.355	0.000	48917273	50.4			
						RPD = 4.14			
28 Dieldrin									
1	100	6.633	6.633	0.000	198799872	55.5			
2	2	6.634	6.635	-0.001	52917003	50.9			
						RPD = 8.62			
30 Endrin									
1	-65	6.865	6.865	0.000	182550183	55.5			
2	2	6.936	6.936	0.000	44986038	51.1			
						RPD = 8.12			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	191115371	54.5			
2	2	7.046	7.047	-0.001	44232591	48.8			
						RPD = 11.03			
34 Endosulfan II									
1	100	7.084	7.084	0.000	176924344	54.7			
2	2	7.140	7.140	0.000	44012221	49.8			
						RPD = 9.32			

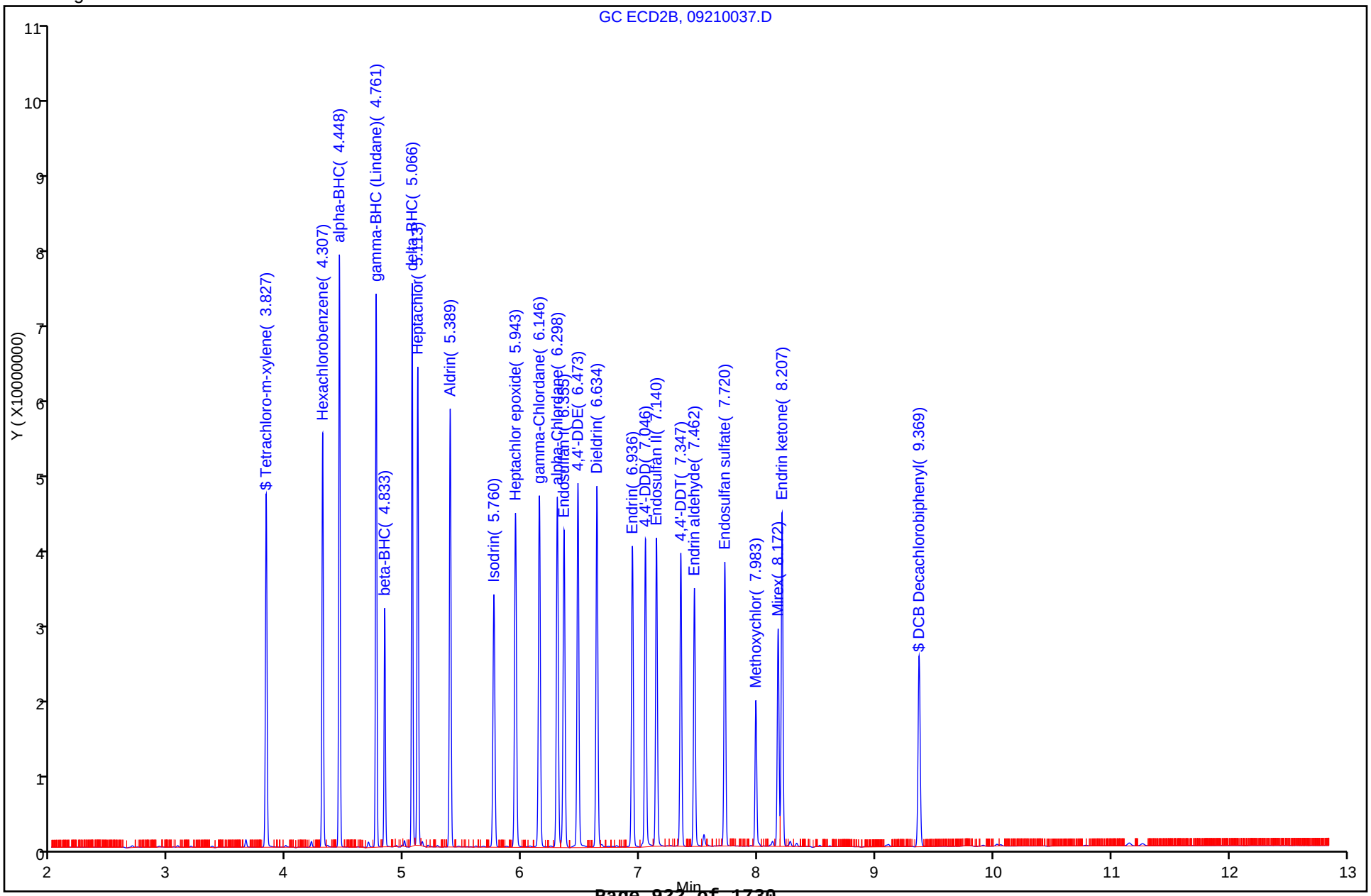
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	180302506	53.9			
2	2	7.347	7.347	0.000	40530927	48.8			
						RPD = 9.91			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	143776350	57.1			
2	2	7.462	7.462	0.000	36665848	50.5			
						RPD = 12.29			
37 Methoxychlor									
1	-65	7.654	7.654	0.000	86121864	53.7			
2	2	7.983	7.984	-0.001	20229890	49.5			
						RPD = 8.10			
38 Mirex									
1	100	7.799	7.798	0.001	93842111	50.0			
2	2	8.172	8.172	0.000	30721700	50.6			
						RPD = 1.32			
39 Endosulfan sulfate									
1	-65	7.892	7.891	0.001	161231413	54.6			
2	2	7.720	7.720	0.000	38996547	49.8			
						RPD = 9.32			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	180482672	57.8			
2	2	8.207	8.206	0.001	45897474	50.6			
						RPD = 13.40			
$ 41 DCB Decachlorobiphenyl									
1	1	9.061	9.060	0.001	120062941	56.3			
2	2	9.369	9.370	-0.001	32033069	51.3			
						RPD = 9.35			

Report Date: 22-Sep-2011 15:25:39 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210037.D

Injection Date:	21-Sep-2011 23:30:40	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	29
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/30 Calibration Date: 09/21/2011 23:47

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210038.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		8860		168	200	-16.3*	15.0
Toxaphene Peak 2	Lin1		50163		201	200	0.6	15.0
Toxaphene Peak 3	Lin1		46022		180	200	-10.0	15.0
Toxaphene Peak 4	Lin1		95500		183	200	-8.8	15.0
Toxaphene Peak 5	Lin1		45512		221	200	10.7	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/30 Calibration Date: 09/21/2011 23:47

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210038.D

Analyte	RT	RT WINDOW	
		TO	FROM
Toxaphene Peak 1	5.54	5.53	5.57
Toxaphene Peak 2	6.40	6.38	6.42
Toxaphene Peak 3	6.96	6.94	6.98
Toxaphene Peak 4	7.40	7.38	7.42
Toxaphene Peak 5	7.89	7.87	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210038.D		
Lims ID:	CCV TOX1	Client ID:	
Inject. Date:	21-Sep-2011 23:47:05	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	CCV-849156 TOX1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	32
Lims Batch ID:	87288	Lims Sample ID:	30
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:42:52

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.543	5.545	-0.002	1771984	167.5		100.0	M
1	-65	6.398	6.400	-0.002	10032514	201.2	493.4- 533.4	566.2	M
1	-65	6.955	6.957	-0.002	9204408	180.0	473.2- 513.2	519.4	M
1	-65	7.401	7.402	-0.001	19099909	182.5	1037.7-1077.7	1077.9	M
1	-65	7.889	7.890	-0.001	9102498	221.3	435.6- 475.6	513.7	M
			Average of Peak Amounts =			190.5			
2	6	5.456	5.457	-0.001	948876	294.6		100.0	M
2	7	6.217	6.217	0.000	1973054	189.6	273.5- 333.5	207.9	M
2	8	6.908	6.908	0.000	3052380	173.3	555.4- 615.4	321.7	M
2	9	7.469	7.471	-0.002	5934832	185.0	1046.7-1106.7	625.5	M
2	10	8.042	8.042	0.000	1877511	144.9	456.6- 516.6	197.9	M
			Average of Peak Amounts =			197.5			
						RPD = 3.60			

QC Flag Legend

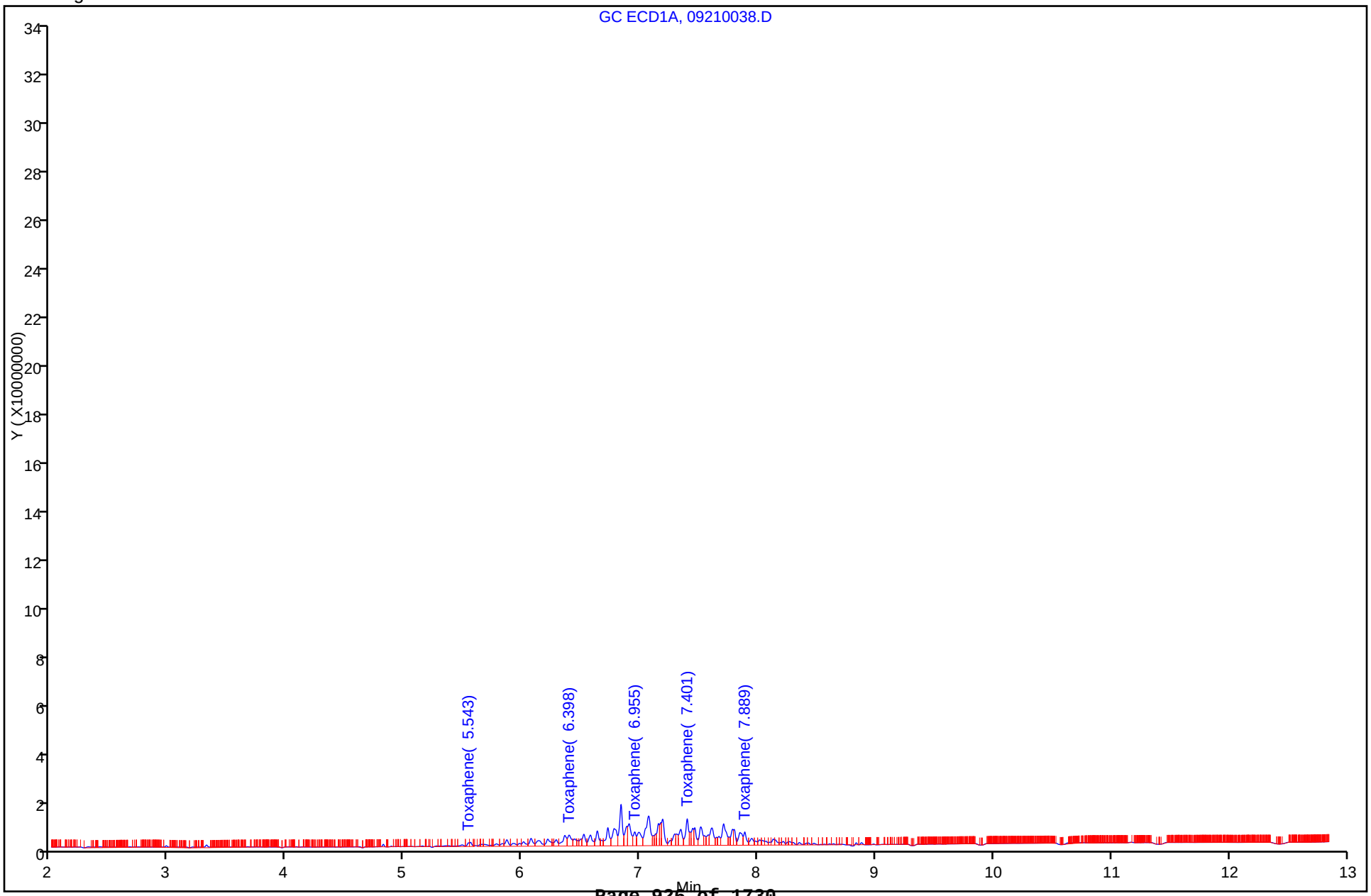
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:47 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210038.D

Injection Date:	21-Sep-2011 23:47:05	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	30
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

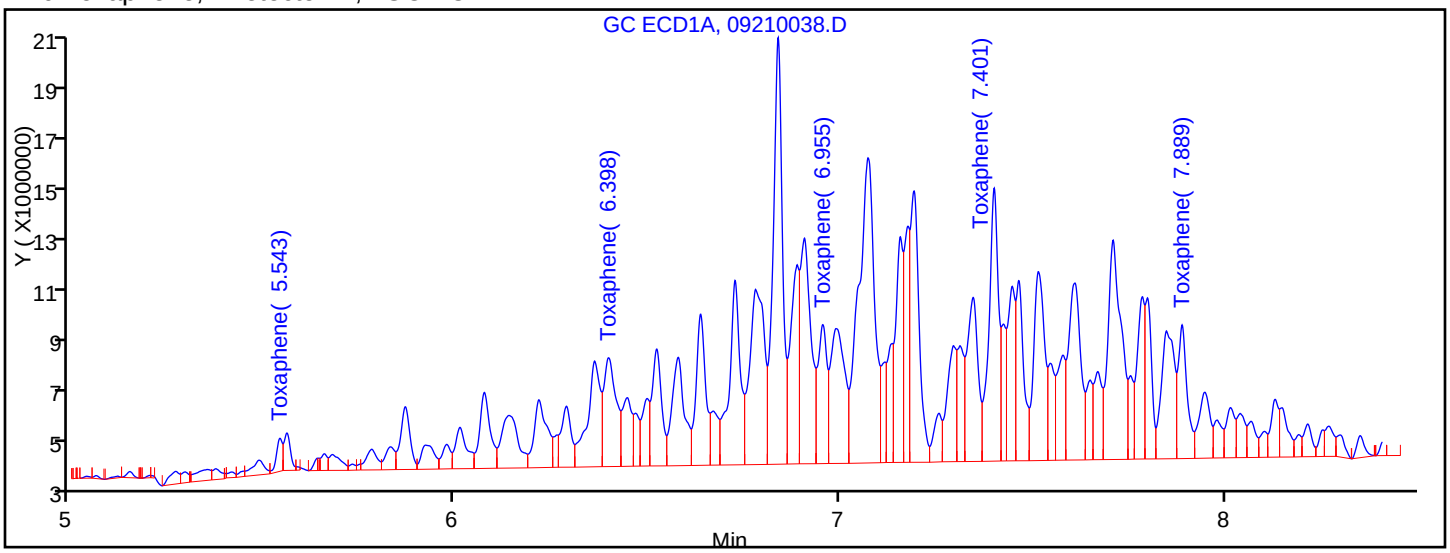


Report Date: 22-Sep-2011 15:25:48 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210038.D

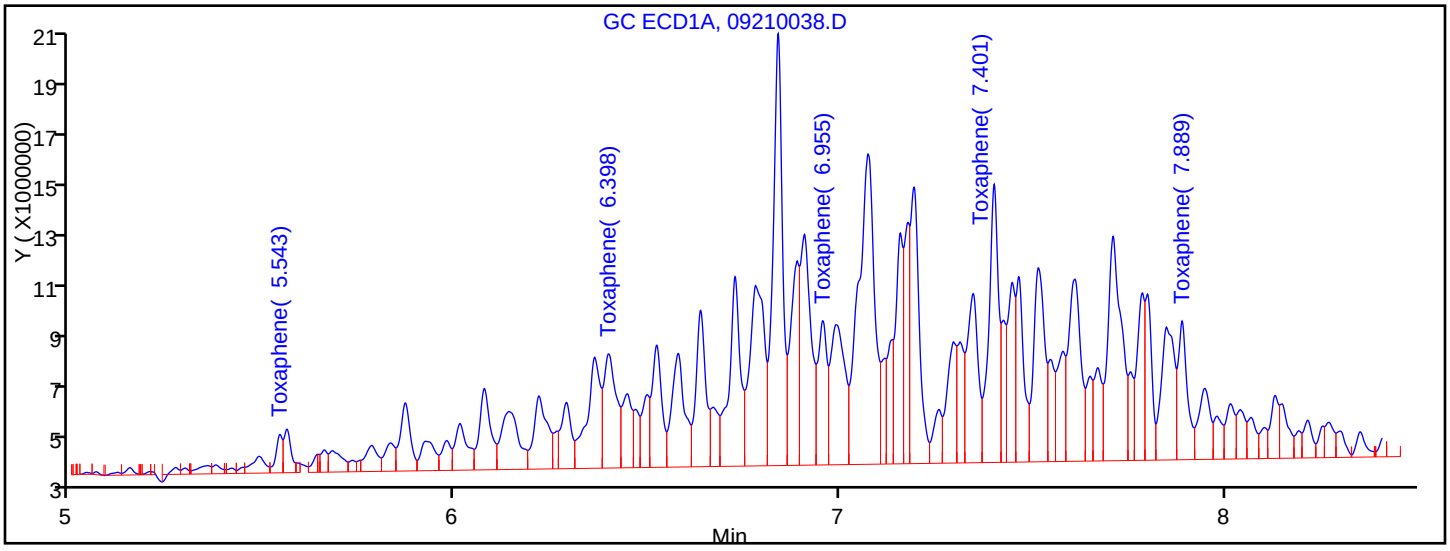
Injection Date:	21-Sep-2011 23:47:05	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	30
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.543	Response = 1405941	M
RT = 6.398	Response = 9428463	M
RT = 6.955	Response = 8807299	M
RT = 7.401	Response = 18503184	M
RT = 7.889	Response = 8554135	M



Manual Integration Results

RT = 5.543	Response = 1771984	M
RT = 6.398	Response = 10032514	M
RT = 6.955	Response = 9204408	M
RT = 7.401	Response = 19099909	M
RT = 7.889	Response = 9102498	M

Reviewer: reamb, 22-Sep-2011 12:15:29

Audit Action: Assigned New Baseline

Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/39 Calibration Date: 09/22/2011 02:15

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210047.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		3944464		54.7	50.0	9.4	15.0
alpha-BHC	Lin2		5884785		54.5	50.0	9.0	20.0
gamma-BHC (Lindane)	Lin2		5226880		54.5	50.0	9.0	20.0
beta-BHC	Lin2		2076137		54.7	50.0	9.4	20.0
delta-BHC	Lin2		5159781		53.6	50.0	7.2	20.0
Heptachlor	Lin2		4868388		54.0	50.0	8.0	20.0
Aldrin	Lin2		4686833		54.0	50.0	8.0	20.0
Isodrin	Lin2		3888785		55.4	50.0	10.8	15.0
Heptachlor epoxide	Lin2		4249569		54.8	50.0	9.6	20.0
gamma-Chlordane	Lin2		4550667		54.2	50.0	8.4	20.0
alpha-Chlordane	Lin2		4285890		53.9	50.0	7.8	20.0
4,4'-DDE	Lin2		4281328		53.5	50.0	7.0	20.0
Endosulfan I	Lin2		3712212		52.4	50.0	4.8	20.0
Dieldrin	Ave	3582185	3990219		55.7	50.0	11.4	20.0
Endrin	Ave	3290683	3651247		55.5	50.0	11.0	20.0
4,4'-DDD	Qua		3931913		55.8	50.0	11.6	20.0
Endosulfan II	Lin2		3490655		54.0	50.0	8.0	20.0
4,4'-DDT	Lin2		3221629		48.1	50.0	-3.8	20.0
Endrin aldehyde	Lin1		2824272		56.1	50.0	12.2	20.0
Methoxychlor	Lin2		1545437		48.2	50.0	-3.6	20.0
Mirex	Qua		1850139		49.3	50.0	-1.4	15.0
Endosulfan sulfate	Lin2		3154070		53.4	50.0	6.8	20.0
Endrin ketone	Ave	3121207	3509960		56.2	50.0	12.5	20.0
Tetrachloro-m-xylene	Lin2		3678095		54.4	50.0	8.8	20.0
DCB Decachlorobiphenyl	Lin2		2340779		54.9	50.0	9.8	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/39 Calibration Date: 09/22/2011 02:15

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210047.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.10	5.12
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.62	6.64
Endrin	6.87	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.08	7.07	7.09
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.49	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210047.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 22-Sep-2011 02:15:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 41
Lims Batch ID: 87288 Lims Sample ID: 39
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:12 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.9			
2						150.4			
						RPD = 36.18			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	183904761	54.4			
2	2	3.827	3.828	-0.001	45203980	49.8			
						RPD = 8.85			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	197223219	54.7			
2	2	4.306	4.306	0.000	48511162	50.6			
						RPD = 7.85			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	294239250	54.5			
2	2	4.449	4.449	0.000	67604458	50.4			
						RPD = 7.82			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	261343991	54.5			
2	2	4.761	4.760	0.001	59987706	50.2			
						RPD = 8.33			
12 beta-BHC									
1	100	4.792	4.792	0.000	103806860	54.7			
2	2	4.833	4.833	0.000	25273704	50.0			
						RPD = 9.06			
13 delta-BHC									
1	100	4.940	4.940	0.000	257989025	53.6			
2	2	5.066	5.066	0.000	59670860	49.9			
						RPD = 7.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.114	-0.001	243419411	54.0			
2	2	5.113	5.114	-0.001	55764326	49.5			
						RPD = 8.54			
16 Aldrin									
1	-65	5.376	5.376	0.000	234341639	54.0			
2	2	5.389	5.389	0.000	56837081	50.3			
						RPD = 6.97			
18 Isodrin									
1	100	5.692	5.692	0.000	194439253	55.4			
2	2	5.760	5.760	0.000	39181296	49.1			
						RPD = 12.08			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	212478441	54.8			
2	2	5.943	5.943	0.000	52278375	50.8			
						RPD = 7.43			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	227533340	54.2			
2	2	6.146	6.146	0.000	54953626	50.6			
						RPD = 6.95			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	214294493	53.9			
2	2	6.298	6.299	-0.001	52608539	50.3			
						RPD = 6.94			
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	214066409	53.5			
2	2	6.472	6.474	-0.002	54376669	50.9			
						RPD = 5.01			
26 Endosulfan I									
1	100	6.389	6.389	0.000	185610603	52.4			
2	2	6.355	6.355	0.000	49395001	50.9			
						RPD = 2.92			
28 Dieldrin									
1	100	6.633	6.633	0.000	199510928	55.7			
2	2	6.634	6.635	-0.001	53452745	51.4			
						RPD = 7.96			
30 Endrin									
1	-65	6.865	6.865	0.000	182562346	55.5			
2	2	6.936	6.936	0.000	45475310	51.7			
						RPD = 7.05			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	196595636	55.8			
2	2	7.046	7.047	-0.001	44708485	49.3			
						RPD = 12.47			
34 Endosulfan II									
1	100	7.084	7.084	0.000	174532769	54.0			
2	2	7.141	7.140	0.001	44238884	50.1			
						RPD = 7.43			

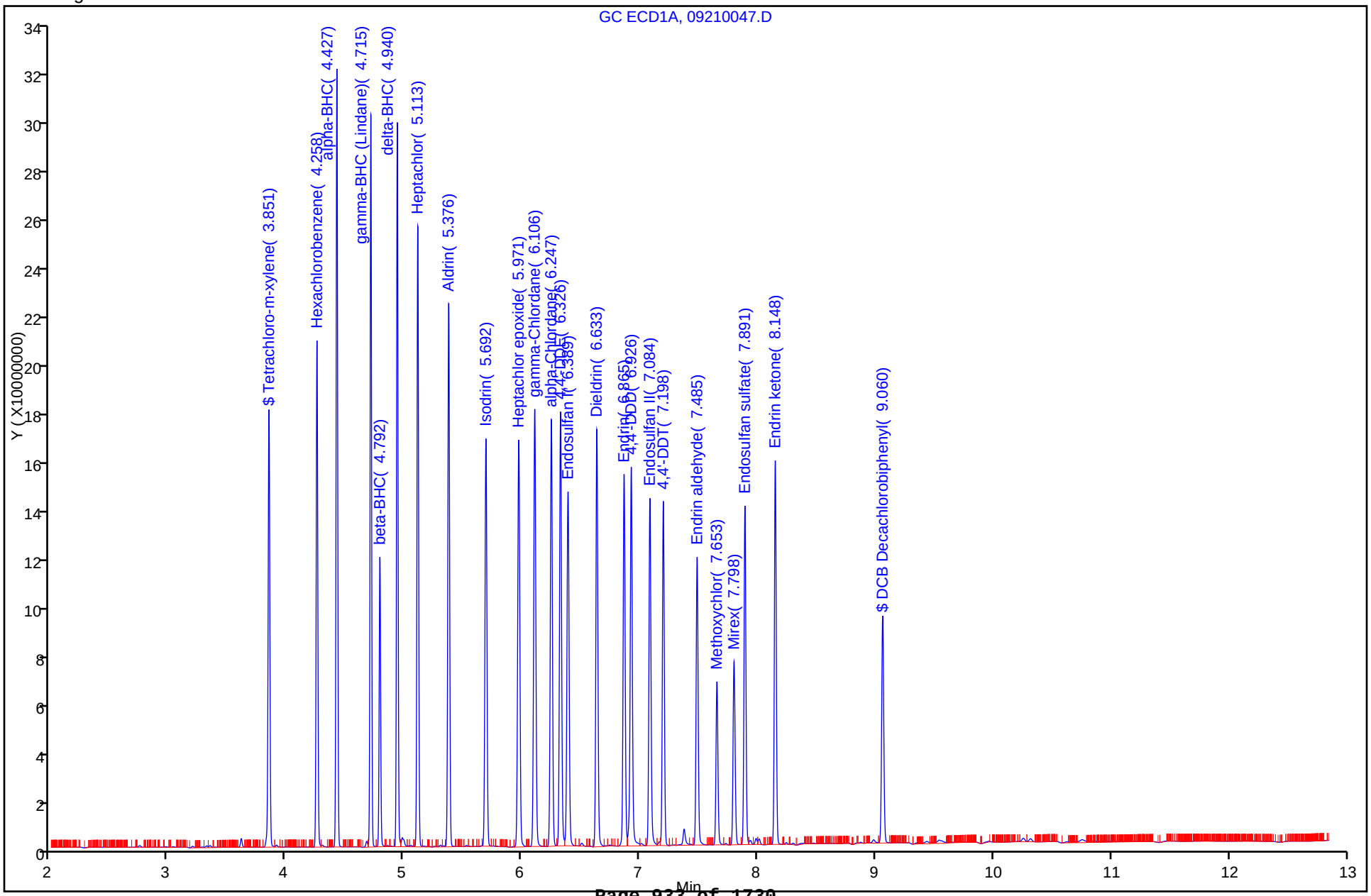
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	161081435	48.1			
2	2	7.346	7.347	-0.001	36757652	44.3			
						RPD = 8.43			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	141213615	56.1			
2	2	7.462	7.462	0.000	36062527	49.7			
						RPD = 12.19			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	77271862	48.2			
2	2	7.983	7.984	-0.001	18427303	45.0			
						RPD = 6.77			
38 Mirex									
1	100	7.798	7.798	0.000	92506927	49.3			
2	2	8.172	8.172	0.000	30378117	50.0			
						RPD = 1.40			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	157703493	53.4			
2	2	7.720	7.720	0.000	39068157	49.9			
						RPD = 6.90			
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	175498017	56.2			
2	2	8.206	8.206	0.000	45537393	50.2			
						RPD = 11.40			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	117038948	54.9			
2	2	9.369	9.370	-0.001	31588681	50.5			
						RPD = 8.19			

Report Date: 22-Sep-2011 15:26:13 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210047.D

Injection Date:	22-Sep-2011 02:15:23	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	39
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/39 Calibration Date: 09/22/2011 02:15

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210047.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		970223		50.6	50.0	1.2	15.0
alpha-BHC	Lin2		1352089		50.4	50.0	0.8	20.0
gamma-BHC (Lindane)	Lin2		1199754		50.2	50.0	0.4	20.0
beta-BHC	Lin2		505474		50.0	50.0	0.0	20.0
delta-BHC	Lin2		1193417		49.9	50.0	-0.2	20.0
Heptachlor	Lin2		1115287		49.5	50.0	-1.0	20.0
Aldrin	Lin2		1136742		50.3	50.0	0.6	20.0
Isodrin	Qua		783626		49.1	50.0	-1.8	15.0
Heptachlor epoxide	Lin2		1045568		50.8	50.0	1.6	20.0
gamma-Chlordane	Lin2		1099073		50.6	50.0	1.2	20.0
alpha-Chlordane	Lin2		1052171		50.3	50.0	0.6	20.0
Endosulfan I	Lin2		987900		50.9	50.0	1.8	20.0
4,4'-DDE	Lin2		1087533		50.9	50.0	1.8	20.0
Dieldrin	Lin2		1069055		51.4	50.0	2.8	20.0
Endrin	Ave	879551	909506		51.7	50.0	3.4	20.0
4,4'-DDD	Qua		894170		49.3	50.0	-1.4	20.0
Endosulfan II	Lin2		884778		50.1	50.0	0.2	20.0
4,4'-DDT	Lin2		735153		44.3	50.0	-11.4	20.0
Endrin aldehyde	Lin2		721251		49.7	50.0	-0.6	20.0
Endosulfan sulfate	Lin2		781363		49.9	50.0	-0.2	20.0
Methoxychlor	Lin2		368546		45.0	50.0	-10.0	20.0
Mirex	Lin2		607562		50.0	50.0	0.0	15.0
Endrin ketone	Lin2		910748		50.2	50.0	0.4	20.0
Tetrachloro-m-xylene	Lin2		904080		49.8	50.0	-0.4	20.0
DCB Decachlorobiphenyl	Lin2		631774		50.5	50.0	1.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/39 Calibration Date: 09/22/2011 02:15

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210047.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.83	4.82	4.84
delta-BHC	5.07	5.06	5.08
Heptachlor	5.11	5.10	5.12
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.94	5.93	5.95
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.47	6.46	6.48
Dieldrin	6.63	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.46	7.45	7.47
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.98	7.97	7.99
Mirex	8.17	8.16	8.18
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210047.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 22-Sep-2011 02:15:23 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 41
Lims Batch ID: 87288 Lims Sample ID: 39
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:12 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						216.9			
2						150.4			
						RPD = 36.18			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	183904761	54.4			
2	2	3.827	3.828	-0.001	45203980	49.8			
						RPD = 8.85			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	197223219	54.7			
2	2	4.306	4.306	0.000	48511162	50.6			
						RPD = 7.85			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	294239250	54.5			
2	2	4.449	4.449	0.000	67604458	50.4			
						RPD = 7.82			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	261343991	54.5			
2	2	4.761	4.760	0.001	59987706	50.2			
						RPD = 8.33			
12 beta-BHC									
1	100	4.792	4.792	0.000	103806860	54.7			
2	2	4.833	4.833	0.000	25273704	50.0			
						RPD = 9.06			
13 delta-BHC									
1	100	4.940	4.940	0.000	257989025	53.6			
2	2	5.066	5.066	0.000	59670860	49.9			
						RPD = 7.11			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.113	5.114	-0.001	243419411	54.0			
2	2	5.113	5.114	-0.001	55764326	49.5			
						RPD = 8.54			
16 Aldrin									
1	-65	5.376	5.376	0.000	234341639	54.0			
2	2	5.389	5.389	0.000	56837081	50.3			
						RPD = 6.97			
18 Isodrin									
1	100	5.692	5.692	0.000	194439253	55.4			
2	2	5.760	5.760	0.000	39181296	49.1			
						RPD = 12.08			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	212478441	54.8			
2	2	5.943	5.943	0.000	52278375	50.8			
						RPD = 7.43			
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	227533340	54.2			
2	2	6.146	6.146	0.000	54953626	50.6			
						RPD = 6.95			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	214294493	53.9			
2	2	6.298	6.299	-0.001	52608539	50.3			
						RPD = 6.94			
25 4,4'-DDE									
1	-65	6.326	6.325	0.001	214066409	53.5			
2	2	6.472	6.474	-0.002	54376669	50.9			
						RPD = 5.01			
26 Endosulfan I									
1	100	6.389	6.389	0.000	185610603	52.4			
2	2	6.355	6.355	0.000	49395001	50.9			
						RPD = 2.92			
28 Dieldrin									
1	100	6.633	6.633	0.000	199510928	55.7			
2	2	6.634	6.635	-0.001	53452745	51.4			
						RPD = 7.96			
30 Endrin									
1	-65	6.865	6.865	0.000	182562346	55.5			
2	2	6.936	6.936	0.000	45475310	51.7			
						RPD = 7.05			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	196595636	55.8			
2	2	7.046	7.047	-0.001	44708485	49.3			
						RPD = 12.47			
34 Endosulfan II									
1	100	7.084	7.084	0.000	174532769	54.0			
2	2	7.141	7.140	0.001	44238884	50.1			
						RPD = 7.43			

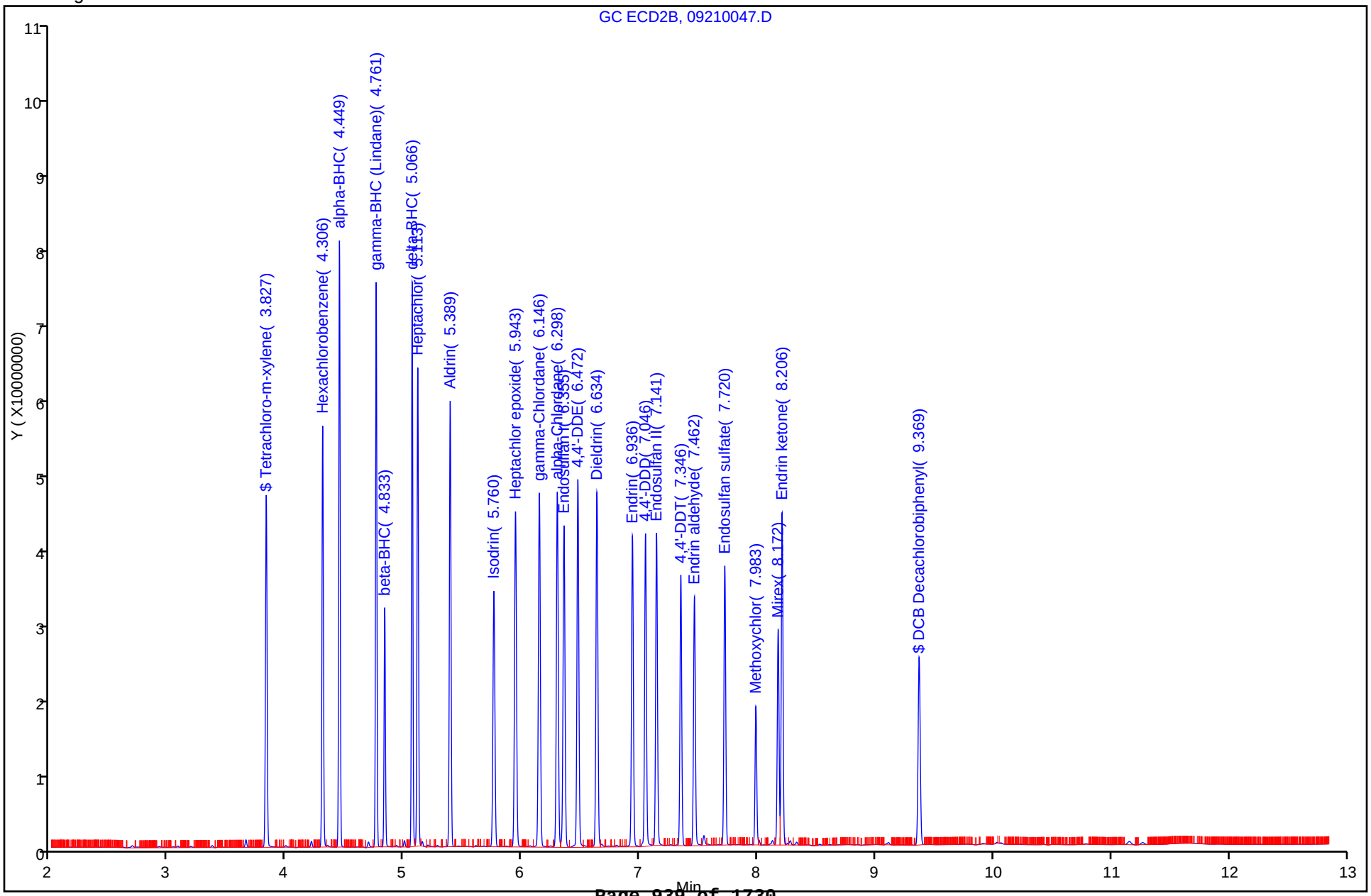
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	161081435	48.1			
2	2	7.346	7.347	-0.001	36757652	44.3			
						RPD = 8.43			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	141213615	56.1			
2	2	7.462	7.462	0.000	36062527	49.7			
						RPD = 12.19			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	77271862	48.2			
2	2	7.983	7.984	-0.001	18427303	45.0			
						RPD = 6.77			
38 Mirex									
1	100	7.798	7.798	0.000	92506927	49.3			
2	2	8.172	8.172	0.000	30378117	50.0			
						RPD = 1.40			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	157703493	53.4			
2	2	7.720	7.720	0.000	39068157	49.9			
						RPD = 6.90			
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	175498017	56.2			
2	2	8.206	8.206	0.000	45537393	50.2			
						RPD = 11.40			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	117038948	54.9			
2	2	9.369	9.370	-0.001	31588681	50.5			
						RPD = 8.19			

Report Date: 22-Sep-2011 15:26:13 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210047.D

Injection Date:	22-Sep-2011 02:15:23	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	39
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/40 Calibration Date: 09/22/2011 02:31

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210048.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		9943		192	200	-4.1	15.0
Toxaphene Peak 2	Lin1		53542		216	200	8.1	15.0
Toxaphene Peak 3	Lin1		43273		168	200	-16.1*	15.0
Toxaphene Peak 4	Lin1		90043		171	200	-14.4	15.0
Toxaphene Peak 5	Lin1		33190		166	200	-17.2*	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/40 Calibration Date: 09/22/2011 02:31

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210048.D

Analyte	RT	RT WINDOW	
		TO	FROM
Toxaphene Peak 1	5.54	5.53	5.57
Toxaphene Peak 2	6.40	6.38	6.42
Toxaphene Peak 3	6.96	6.94	6.98
Toxaphene Peak 4	7.40	7.38	7.42
Toxaphene Peak 5	7.89	7.87	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210048.D		
Lims ID:	CCV TOX1	Client ID:	
Inject. Date:	22-Sep-2011 02:31:52	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	CCV-849156 TOX1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	42
Lims Batch ID:	87288	Lims Sample ID:	40
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:26:14	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:38:56

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.544	5.545	-0.001	1988677	191.9		100.0	M
1	-65	6.399	6.400	-0.001	10708380	216.2	493.4- 533.4	538.5	M
1	-65	6.956	6.957	-0.001	8654597	167.9	473.2- 513.2	435.2	M
1	-65	7.402	7.402	0.000	18008558	171.3	1037.7-1077.7	905.6	M
1	-65	7.890	7.890	0.000	6638067	165.6	435.6- 475.6	333.8	M
			Average of Peak Amounts =			182.6			
2	6	5.457	5.457	0.000	1001499	314.7		100.0	M
2	7	6.218	6.217	0.001	2268826	226.1	273.5- 333.5	226.5	M
2	8	6.908	6.908	0.000	2855344	160.8	555.4- 615.4	285.1	M
2	9	7.470	7.471	-0.001	5329875	164.0	1046.7-1106.7	532.2	M
2	10	8.042	8.042	0.000	1300164	100.8	456.6- 516.6	129.8	M
			Average of Peak Amounts =			193.3			
						RPD = 5.70			

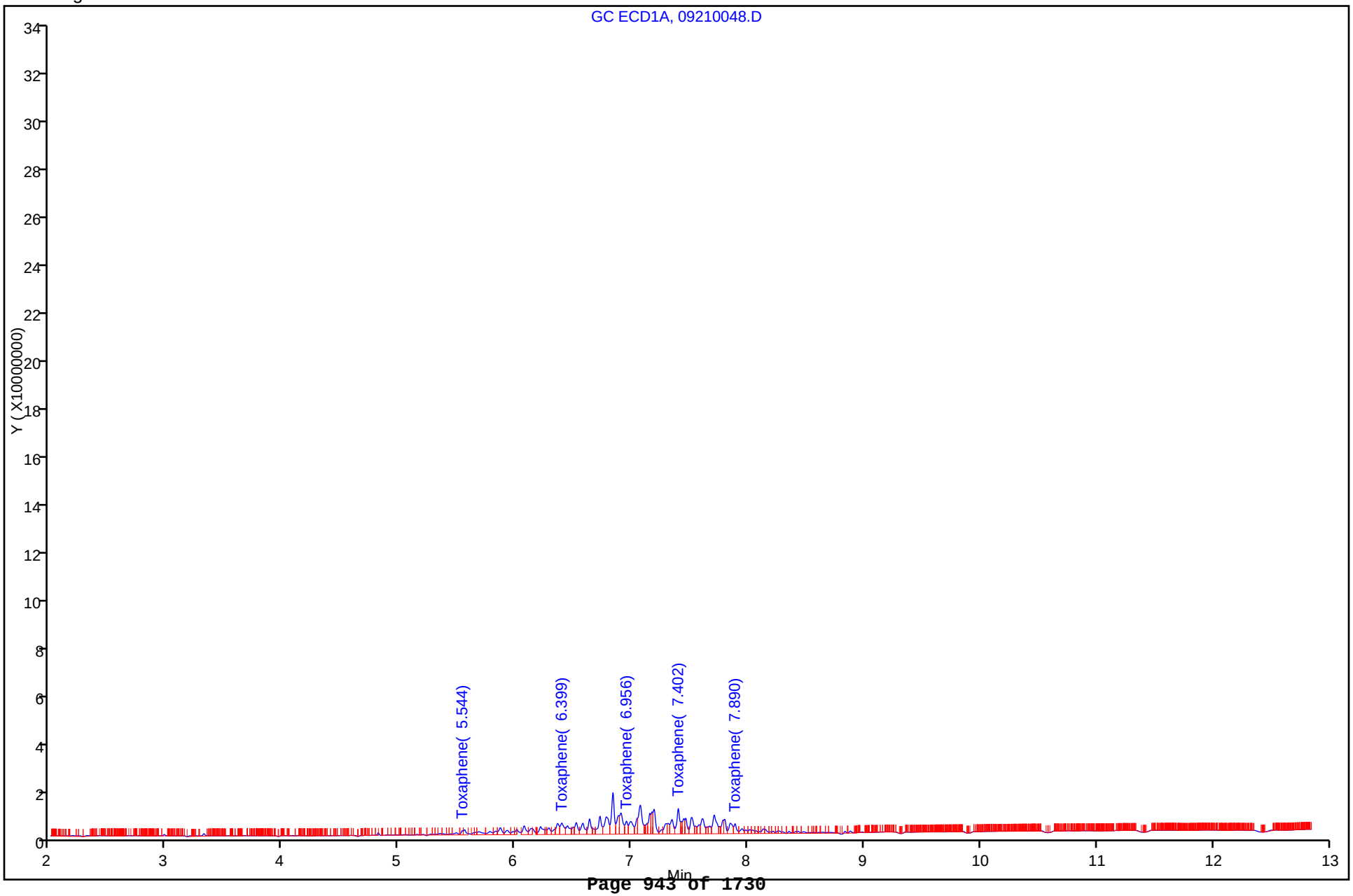
QC Flag Legend

Review Flags
M - Manually Integrated

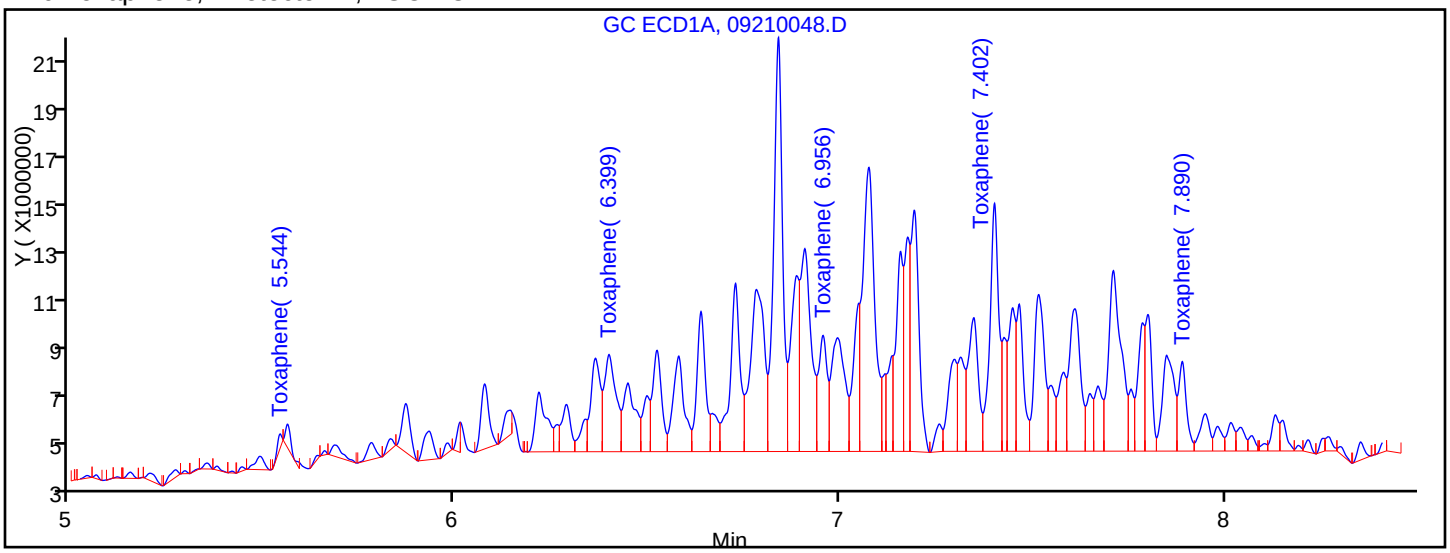
Report Date: 22-Sep-2011 15:26:15 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210048.D		
Injection Date:	22-Sep-2011 02:31:52	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	40
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

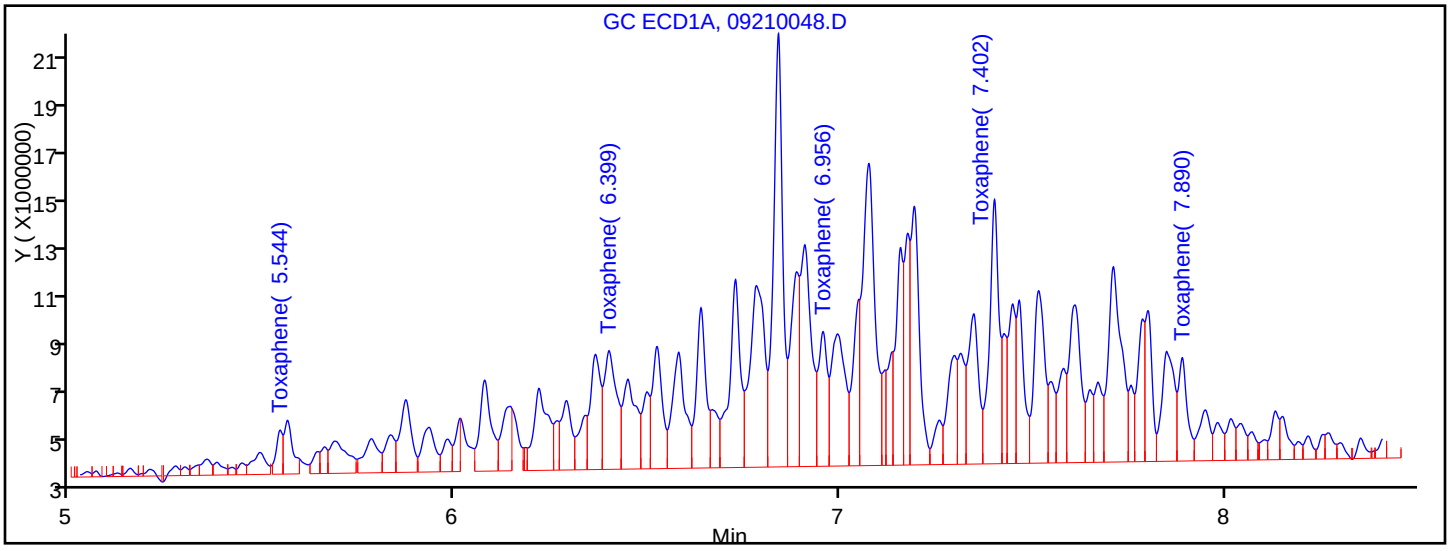


Report Date: 22-Sep-2011 15:26:16 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210048.D
Injection Date: 22-Sep-2011 02:31:52 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 40
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.544	Response = 472695	M
RT = 6.399	Response = 8192691	M
RT = 6.956	Response = 7211014	M
RT = 7.402	Response = 16058030	M
RT = 7.890	Response = 5161244	M



Manual Integration Results

RT = 5.544	Response = 1988677	M
RT = 6.399	Response = 10708380	M
RT = 6.956	Response = 8654597	M
RT = 7.402	Response = 18008558	M
RT = 7.890	Response = 6638067	M

Reviewer: reamb, 22-Sep-2011 12:38:56
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/46 Calibration Date: 09/22/2011 04:43

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210056.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		4021663		55.8	50.0	11.6	15.0
alpha-BHC	Lin2		6001685		55.6	50.0	11.2	20.0
gamma-BHC (Lindane)	Lin2		5327717		55.6	50.0	11.2	20.0
beta-BHC	Lin2		2130141		56.2	50.0	12.4	20.0
delta-BHC	Lin2		5290224		55.0	50.0	10.0	20.0
Heptachlor	Lin2		4894168		54.2	50.0	8.4	20.0
Aldrin	Lin2		4793807		55.2	50.0	10.4	20.0
Isodrin	Lin2		3954514		56.3	50.0	12.6	15.0
Heptachlor epoxide	Lin2		4325013		55.7	50.0	11.4	20.0
gamma-Chlordane	Lin2		4624215		55.1	50.0	10.2	20.0
alpha-Chlordane	Lin2		4147062		52.2	50.0	4.4	20.0
4,4'-DDE	Lin2		4335364		54.2	50.0	8.4	20.0
Endosulfan I	Lin2		3730961		52.7	50.0	5.4	20.0
Dieldrin	Ave	3582185	3946978		55.1	50.0	10.2	20.0
Endrin	Ave	3290683	3603746		54.8	50.0	9.5	20.0
4,4'-DDD	Qua		4243016		59.5	50.0	19.0	20.0
Endosulfan II	Lin2		3461739		53.5	50.0	7.0	20.0
4,4'-DDT	Lin2		2513016		37.5	50.0	-25.0*	20.0
Endrin aldehyde	Lin1		2794180		55.5	50.0	11.0	20.0
Methoxychlor	Lin2		1289264		40.1	50.0	-19.8	20.0
Mirex	Qua		1799981		48.2	50.0	-3.6	15.0
Endosulfan sulfate	Lin2		3176092		53.8	50.0	7.6	20.0
Endrin ketone	Ave	3121207	3383615		54.2	50.0	8.4	20.0
Tetrachloro-m-xylene	Lin2		3743775		55.4	50.0	10.8	20.0
DCB Decachlorobiphenyl	Lin2		2335531		54.7	50.0	9.4	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/46 Calibration Date: 09/22/2011 04:43

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210056.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.26	4.25	4.27
alpha-BHC	4.43	4.42	4.44
gamma-BHC (Lindane)	4.72	4.71	4.73
beta-BHC	4.79	4.78	4.80
delta-BHC	4.94	4.93	4.95
Heptachlor	5.11	5.10	5.12
Aldrin	5.38	5.37	5.39
Isodrin	5.69	5.68	5.70
Heptachlor epoxide	5.97	5.96	5.98
gamma-Chlordane	6.11	6.10	6.12
alpha-Chlordane	6.25	6.24	6.26
4,4'-DDE	6.33	6.32	6.34
Endosulfan I	6.39	6.38	6.40
Dieldrin	6.63	6.62	6.64
Endrin	6.87	6.86	6.88
4,4'-DDD	6.93	6.92	6.94
Endosulfan II	7.08	7.07	7.09
4,4'-DDT	7.20	7.19	7.21
Endrin aldehyde	7.49	7.48	7.50
Methoxychlor	7.65	7.64	7.66
Mirex	7.80	7.79	7.81
Endosulfan sulfate	7.89	7.88	7.90
Endrin ketone	8.15	8.14	8.16
Tetrachloro-m-xylene	3.85	3.84	3.86
DCB Decachlorobiphenyl	9.06	9.05	9.07

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210056.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 22-Sep-2011 04:43:57 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 48
Lims Batch ID: 87288 Lims Sample ID: 46
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:27 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						217.3			
2						151.9			
						RPD = 35.38			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	187188765	55.4			
2	2	3.828	3.828	0.000	45679114	50.3			
						RPD = 9.57			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	201083129	55.8			
2	2	4.307	4.306	0.001	49624332	51.8			
						RPD = 7.48			
10 alpha-BHC									
1	-65	4.428	4.427	0.001	300084260	55.6			
2	2	4.449	4.449	0.000	69010371	51.5			
						RPD = 7.70			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.715	0.001	266385853	55.6			
2	2	4.761	4.760	0.001	61061369	51.1			
						RPD = 8.45			
12 beta-BHC									
1	100	4.793	4.792	0.001	106507029	56.2			
2	2	4.833	4.833	0.000	25887668	51.2			
						RPD = 9.20			
13 delta-BHC									
1	100	4.940	4.940	0.000	264511192	55.0			
2	2	5.067	5.066	0.001	60516572	50.6			
						RPD = 8.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	244708392	54.2			
2	2	5.113	5.114	-0.001	55491344	49.3			
						RPD = 9.56			
16 Aldrin									
1	-65	5.377	5.376	0.001	239690326	55.2			
2	2	5.389	5.389	0.000	57754372	51.2			
						RPD = 7.62			
18 Isodrin									
1	100	5.693	5.692	0.001	197725695	56.3			
2	2	5.760	5.760	0.000	38032026	47.8			
						RPD = 16.30			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	216250634	55.7			
2	2	5.943	5.943	0.000	53188844	51.7			
						RPD = 7.45			
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	231210765	55.1			
2	2	6.146	6.146	0.000	55905247	51.4			
						RPD = 6.82			
24 alpha-Chlordane									
1	-65	6.248	6.247	0.001	207353097	52.2			
2	2	6.298	6.299	-0.001	53522230	51.2			
						RPD = 1.89			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	216768176	54.2			
2	2	6.473	6.474	-0.001	55033319	51.5			
						RPD = 5.05			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186548060	52.7			
2	2	6.355	6.355	0.000	50332116	51.9			
						RPD = 1.52			
28 Dieldrin									
1	100	6.634	6.633	0.001	197348881	55.1			
2	2	6.634	6.635	-0.001	54352486	52.3			
						RPD = 5.20			
30 Endrin									
1	-65	6.865	6.865	0.000	180187292	54.8			
2	2	6.935	6.936	-0.001	46005132	52.3			
						RPD = 4.58			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	212150780	59.5			
2	2	7.047	7.047	0.000	49614624	54.0			
						RPD = 9.70			
34 Endosulfan II									
1	100	7.084	7.084	0.000	173086963	53.5			
2	2	7.141	7.140	0.001	45953553	52.1			
						RPD = 2.75			

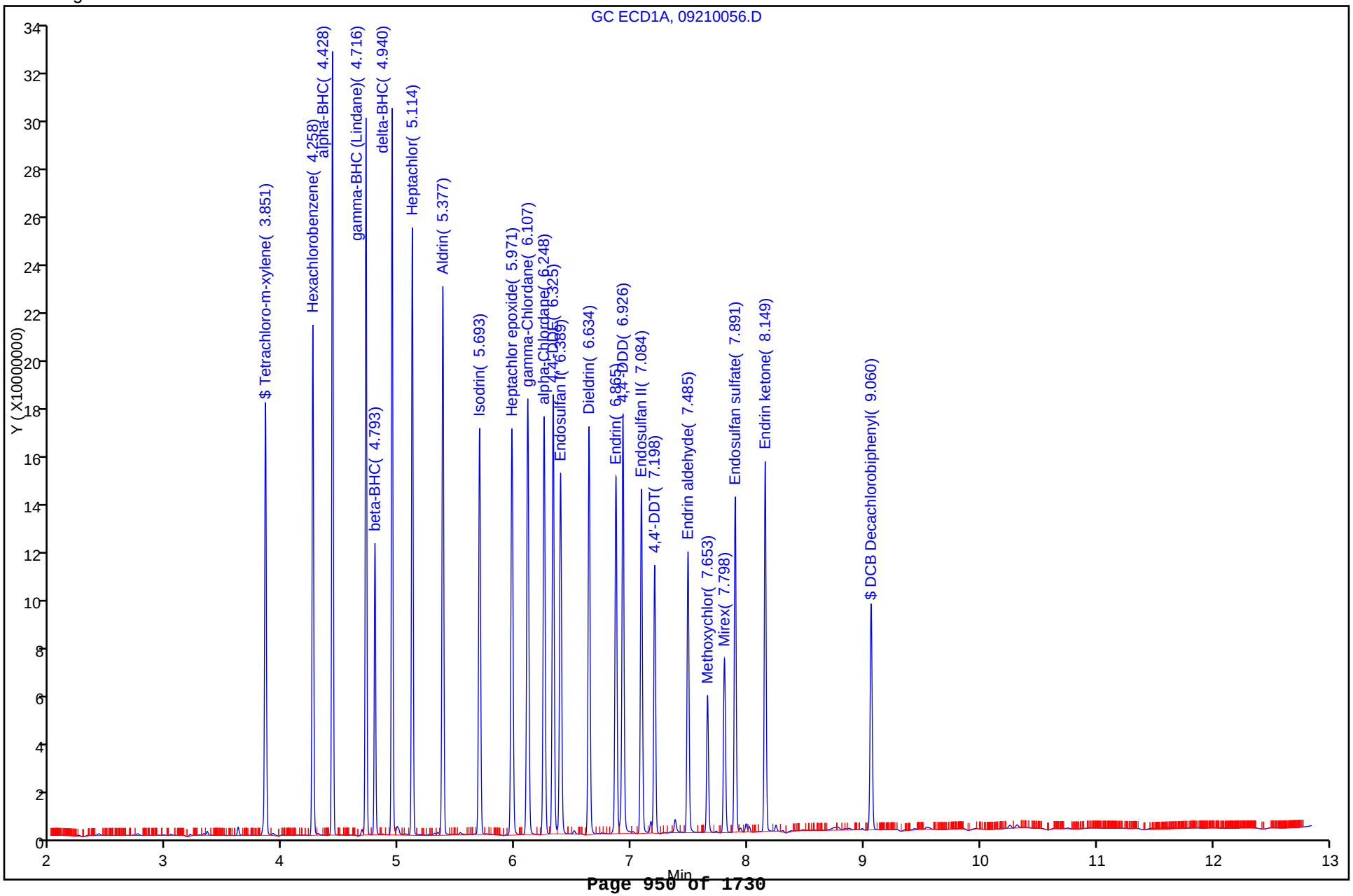
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	125650811	37.5			
2	2	7.348	7.347	0.001	28979820	34.8			
						RPD = 7.41			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	139709008	55.5			
2	2	7.463	7.462	0.001	36054724	49.7			
						RPD = 11.16			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	64463222	40.1			
2	2	7.984	7.984	0.000	16248834	39.5			
						RPD = 1.44			
38 Mirex									
1	100	7.798	7.798	0.000	89999036	48.2			
2	2	8.173	8.172	0.001	31069237	51.2			
						RPD = 6.04			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	158804621	53.8			
2	2	7.720	7.720	0.000	39590140	50.5			
						RPD = 6.26			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	169180734	54.2			
2	2	8.206	8.206	0.000	44890889	49.4			
						RPD = 9.19			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	116776544	54.7			
2	2	9.370	9.370	0.000	31456804	50.3			
						RPD = 8.39			

Report Date: 22-Sep-2011 15:26:27 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210056.D

Injection Date:	22-Sep-2011 04:43:57	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	46
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/46 Calibration Date: 09/22/2011 04:43

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210056.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Lin2		992487		51.8	50.0	3.6	15.0
alpha-BHC	Lin2		1380207		51.5	50.0	3.0	20.0
gamma-BHC (Lindane)	Lin2		1221227		51.1	50.0	2.2	20.0
beta-BHC	Lin2		517753		51.2	50.0	2.4	20.0
delta-BHC	Lin2		1210331		50.6	50.0	1.2	20.0
Heptachlor	Lin2		1109827		49.3	50.0	-1.4	20.0
Aldrin	Lin2		1155087		51.2	50.0	2.4	20.0
Isodrin	Qua		760641		47.8	50.0	-4.4	15.0
Heptachlor epoxide	Lin2		1063777		51.7	50.0	3.4	20.0
gamma-Chlordane	Lin2		1118105		51.4	50.0	2.8	20.0
alpha-Chlordane	Lin2		1070445		51.2	50.0	2.4	20.0
Endosulfan I	Lin2		1006642		51.9	50.0	3.8	20.0
4,4'-DDE	Lin2		1100666		51.5	50.0	3.0	20.0
Dieldrin	Lin2		1087050		52.3	50.0	4.6	20.0
Endrin	Ave	879551	920103		52.3	50.0	4.6	20.0
4,4'-DDD	Qua		992292		54.0	50.0	8.0	20.0
Endosulfan II	Lin2		919071		52.1	50.0	4.2	20.0
4,4'-DDT	Lin2		579596		34.8	50.0	-30.4*	20.0
Endrin aldehyde	Lin2		721094		49.7	50.0	-0.6	20.0
Endosulfan sulfate	Lin2		791803		50.5	50.0	1.0	20.0
Methoxychlor	Lin2		324977		39.5	50.0	-21.0*	20.0
Mirex	Lin2		621385		51.2	50.0	2.4	15.0
Endrin ketone	Lin2		897818		49.4	50.0	-1.2	20.0
Tetrachloro-m-xylene	Lin2		913582		50.3	50.0	0.6	20.0
DCB Decachlorobiphenyl	Lin2		629136		50.3	50.0	0.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/46 Calibration Date: 09/22/2011 04:43

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 16:37

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 08/31/2011 18:00

Lab File ID: 09210056.D

Analyte	RT	RT WINDOW	
		TO	FROM
Hexachlorobenzene	4.31	4.30	4.32
alpha-BHC	4.45	4.44	4.46
gamma-BHC (Lindane)	4.76	4.75	4.77
beta-BHC	4.83	4.82	4.84
delta-BHC	5.07	5.06	5.08
Heptachlor	5.11	5.10	5.12
Aldrin	5.39	5.38	5.40
Isodrin	5.76	5.75	5.77
Heptachlor epoxide	5.94	5.93	5.95
gamma-Chlordane	6.15	6.14	6.16
alpha-Chlordane	6.30	6.29	6.31
Endosulfan I	6.36	6.35	6.37
4,4'-DDE	6.47	6.46	6.48
Dieldrin	6.63	6.63	6.65
Endrin	6.94	6.93	6.95
4,4'-DDD	7.05	7.04	7.06
Endosulfan II	7.14	7.13	7.15
4,4'-DDT	7.35	7.34	7.36
Endrin aldehyde	7.46	7.45	7.47
Endosulfan sulfate	7.72	7.71	7.73
Methoxychlor	7.98	7.97	7.99
Mirex	8.17	8.16	8.18
Endrin ketone	8.21	8.20	8.22
Tetrachloro-m-xylene	3.83	3.82	3.84
DCB Decachlorobiphenyl	9.37	9.36	9.38

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210056.D
Lims ID: CCV AB4 Client ID:
Inject. Date: 22-Sep-2011 04:43:57 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: CCV-818987 AB4
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 48
Lims Batch ID: 87288 Lims Sample ID: 46
Sublist: chrom-OCP_CHP2*sub5
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:27 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
S 6 Chlordane (technical)									
1						217.3			
2						151.9			
						RPD = 35.38			
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	187188765	55.4			
2	2	3.828	3.828	0.000	45679114	50.3			
						RPD = 9.57			
8 Hexachlorobenzene									
1	100	4.258	4.258	0.000	201083129	55.8			
2	2	4.307	4.306	0.001	49624332	51.8			
						RPD = 7.48			
10 alpha-BHC									
1	-65	4.428	4.427	0.001	300084260	55.6			
2	2	4.449	4.449	0.000	69010371	51.5			
						RPD = 7.70			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.715	0.001	266385853	55.6			
2	2	4.761	4.760	0.001	61061369	51.1			
						RPD = 8.45			
12 beta-BHC									
1	100	4.793	4.792	0.001	106507029	56.2			
2	2	4.833	4.833	0.000	25887668	51.2			
						RPD = 9.20			
13 delta-BHC									
1	100	4.940	4.940	0.000	264511192	55.0			
2	2	5.067	5.066	0.001	60516572	50.6			
						RPD = 8.19			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
15 Heptachlor									
1	100	5.114	5.114	0.000	244708392	54.2			
2	2	5.113	5.114	-0.001	55491344	49.3			
						RPD = 9.56			
16 Aldrin									
1	-65	5.377	5.376	0.001	239690326	55.2			
2	2	5.389	5.389	0.000	57754372	51.2			
						RPD = 7.62			
18 Isodrin									
1	100	5.693	5.692	0.001	197725695	56.3			
2	2	5.760	5.760	0.000	38032026	47.8			
						RPD = 16.30			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	216250634	55.7			
2	2	5.943	5.943	0.000	53188844	51.7			
						RPD = 7.45			
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	231210765	55.1			
2	2	6.146	6.146	0.000	55905247	51.4			
						RPD = 6.82			
24 alpha-Chlordane									
1	-65	6.248	6.247	0.001	207353097	52.2			
2	2	6.298	6.299	-0.001	53522230	51.2			
						RPD = 1.89			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	216768176	54.2			
2	2	6.473	6.474	-0.001	55033319	51.5			
						RPD = 5.05			
26 Endosulfan I									
1	100	6.389	6.389	0.000	186548060	52.7			
2	2	6.355	6.355	0.000	50332116	51.9			
						RPD = 1.52			
28 Dieldrin									
1	100	6.634	6.633	0.001	197348881	55.1			
2	2	6.634	6.635	-0.001	54352486	52.3			
						RPD = 5.20			
30 Endrin									
1	-65	6.865	6.865	0.000	180187292	54.8			
2	2	6.935	6.936	-0.001	46005132	52.3			
						RPD = 4.58			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	212150780	59.5			
2	2	7.047	7.047	0.000	49614624	54.0			
						RPD = 9.70			
34 Endosulfan II									
1	100	7.084	7.084	0.000	173086963	53.5			
2	2	7.141	7.140	0.001	45953553	52.1			
						RPD = 2.75			

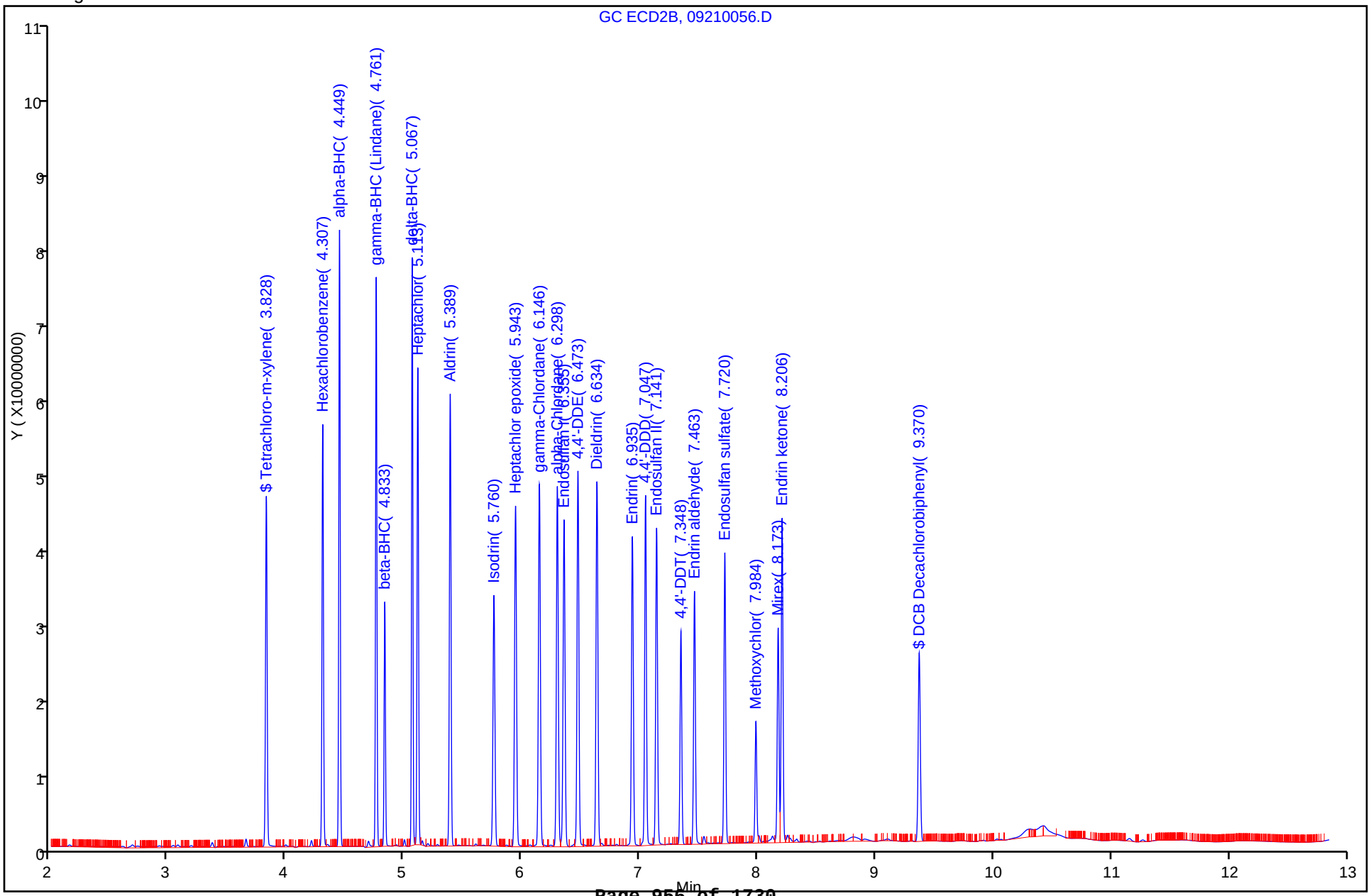
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	125650811	37.5			
2	2	7.348	7.347	0.001	28979820	34.8			
						RPD = 7.41			
36 Endrin aldehyde									
1	-65	7.485	7.485	0.000	139709008	55.5			
2	2	7.463	7.462	0.001	36054724	49.7			
						RPD = 11.16			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	64463222	40.1			
2	2	7.984	7.984	0.000	16248834	39.5			
						RPD = 1.44			
38 Mirex									
1	100	7.798	7.798	0.000	89999036	48.2			
2	2	8.173	8.172	0.001	31069237	51.2			
						RPD = 6.04			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	158804621	53.8			
2	2	7.720	7.720	0.000	39590140	50.5			
						RPD = 6.26			
40 Endrin ketone									
1	-65	8.149	8.149	0.000	169180734	54.2			
2	2	8.206	8.206	0.000	44890889	49.4			
						RPD = 9.19			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	116776544	54.7			
2	2	9.370	9.370	0.000	31456804	50.3			
						RPD = 8.39			

Report Date: 22-Sep-2011 15:26:27 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210056.D

Injection Date:	22-Sep-2011 04:43:57	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	46
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/47 Calibration Date: 09/22/2011 05:00

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210057.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Lin1		17260		357	200	78.5*	15.0
Toxaphene Peak 2	Lin1		56082		227	200	13.7	15.0
Toxaphene Peak 3	Lin1		36297		137	200	-31.5*	15.0
Toxaphene Peak 4	Lin1		70599		132	200	-34.3*	15.0
Toxaphene Peak 5	Lin1		17540		94.8	200	-52.6*	15.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87288/47 Calibration Date: 09/22/2011 05:00

Instrument ID: CHGCS_P2 Calib Start Date: 08/31/2011 18:33

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 08/31/2011 19:56

Lab File ID: 09210057.D

Analyte	RT	RT WINDOW	
		TO	FROM
Toxaphene Peak 1	5.55	5.53	5.57
Toxaphene Peak 2	6.40	6.38	6.42
Toxaphene Peak 3	6.96	6.94	6.98
Toxaphene Peak 4	7.40	7.38	7.42
Toxaphene Peak 5	7.89	7.87	7.91

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210057.D		
Lims ID:	CCV TOX1	Client ID:	
Inject. Date:	22-Sep-2011 05:00:33	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	CCV-849156 TOX1		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	49
Lims Batch ID:	87288	Lims Sample ID:	47
Sublist:	chrom-OCP_CHP2*sub3		
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:26:29	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:54:29

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
20 Toxaphene									M
1	-65	5.546	5.545	0.001	3451979	356.9		100.0	M
1	-65	6.401	6.400	0.001	11216303	227.4	493.4- 533.4	324.9	M
1	-65	6.956	6.957	-0.001	7259378	137.1	473.2- 513.2	210.3	M
1	-65	7.402	7.402	0.000	14119825	131.5	1037.7-1077.7	409.0	M
1	-65	7.888	7.890	-0.002	3507986	94.8	435.6- 475.6	101.6	M
			Average of Peak Amounts =			189.5			
2	6	5.457	5.457	0.000	1153683	373.0		100.0	M
2	7	6.218	6.217	0.001	2639966	271.8	273.5- 333.5	228.8	M
2	8	6.910	6.908	0.002	2684278	149.9	555.4- 615.4	232.7	M
2	9	7.471	7.471	0.000	4479136	134.5	1046.7-1106.7	388.2	M
2	10	8.042	8.042	0.000	794971	62.3	456.6- 516.6	68.9	M
			Average of Peak Amounts =			198.3			
						RPD = 4.50			

QC Flag Legend

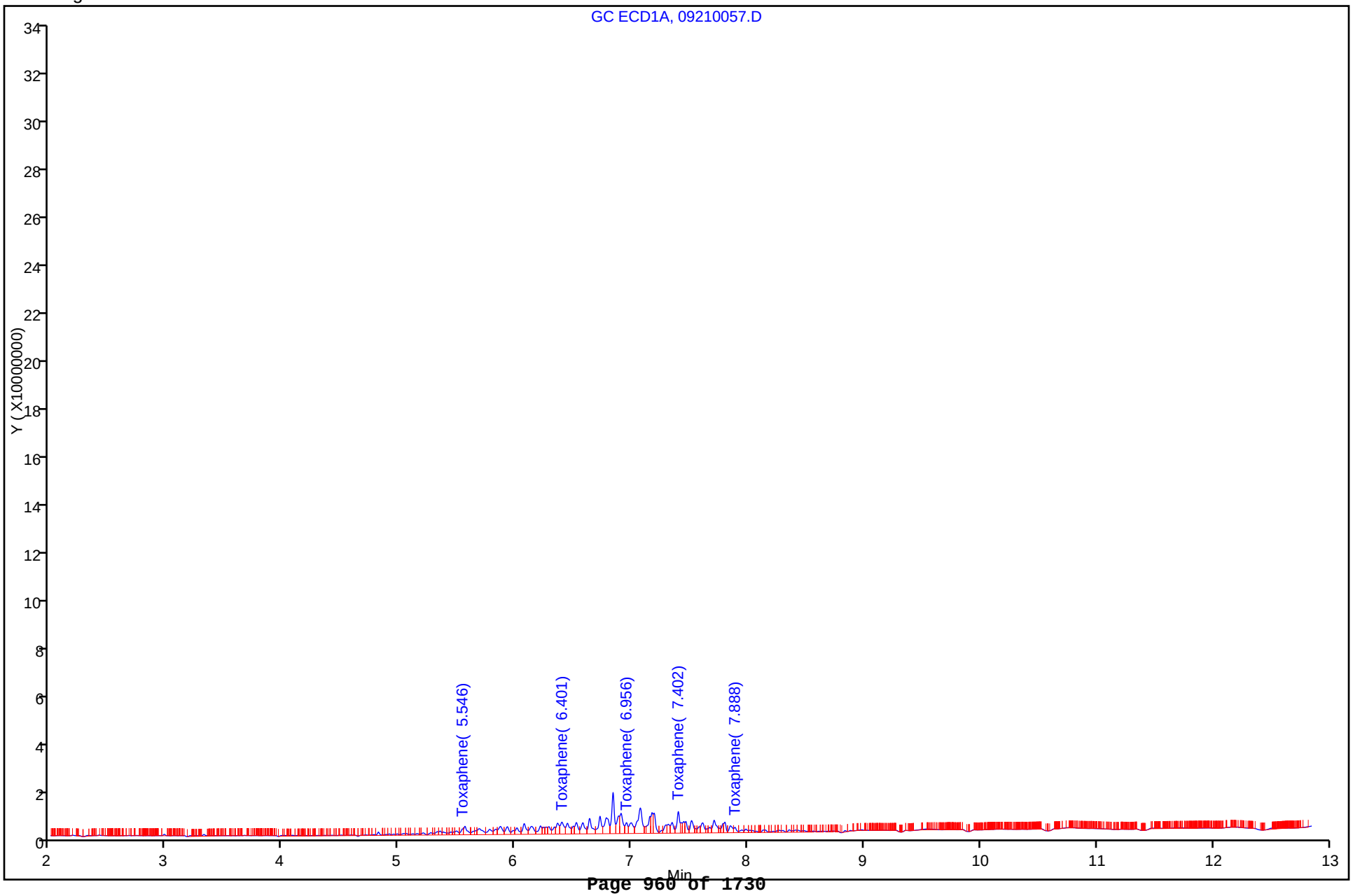
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:26:30 Chrom Revision: 1.2 13-Jul-2011 10:43:06

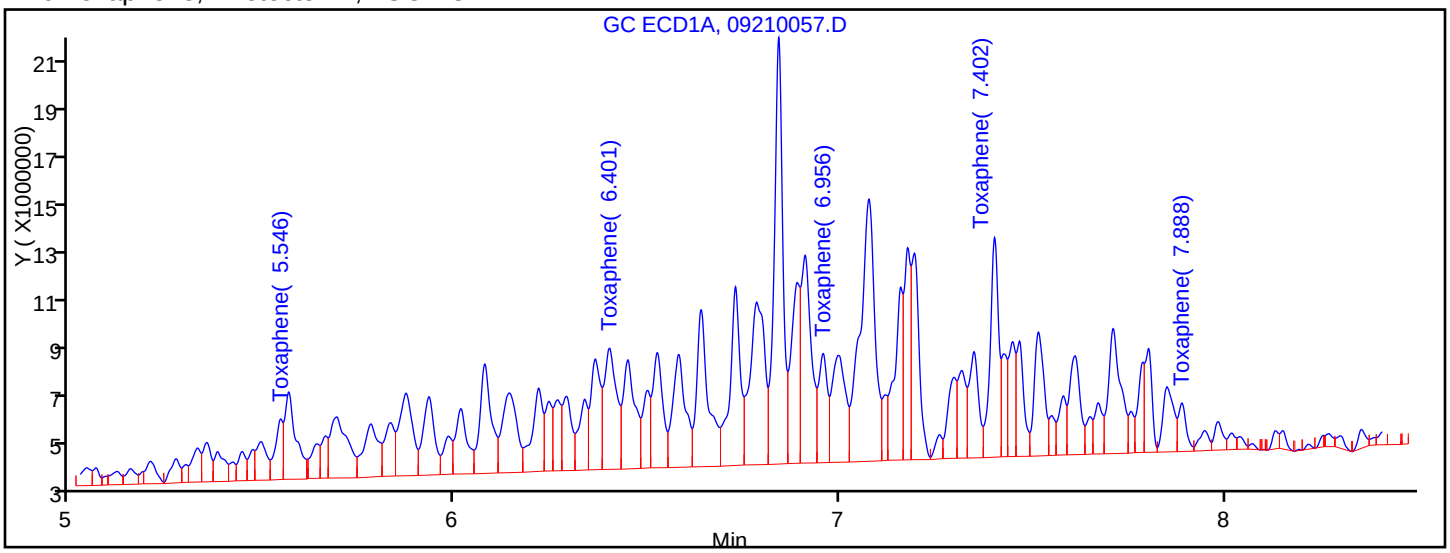
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210057.D

Injection Date:	22-Sep-2011 05:00:33	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	47
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

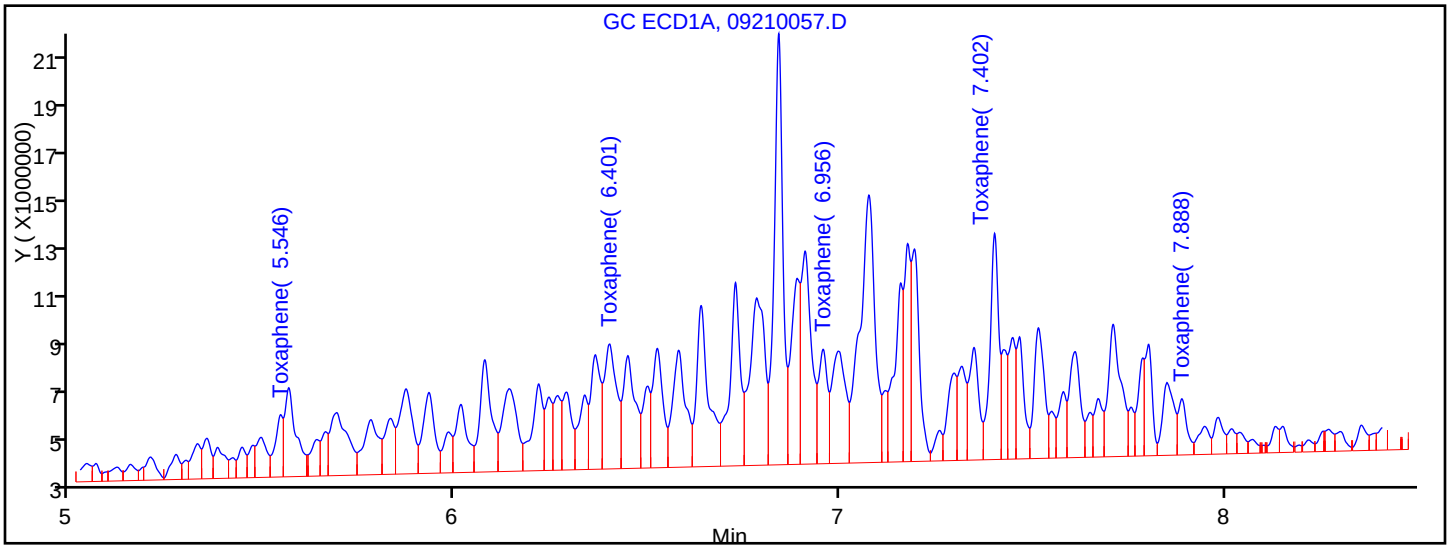


Report Date: 22-Sep-2011 15:26:31 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210057.D
Injection Date: 22-Sep-2011 05:00:33 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 47
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.546	Response = 3316537	M
RT = 6.401	Response = 10767194	M
RT = 6.956	Response = 6847790	M
RT = 7.402	Response = 13387488	M
RT = 7.888	Response = 2710782	M



Manual Integration Results

RT = 5.546	Response = 3451979	M
RT = 6.401	Response = 11216303	M
RT = 6.956	Response = 7259378	M
RT = 7.402	Response = 14119825	M
RT = 7.888	Response = 3507986	M

Reviewer: reamb, 22-Sep-2011 12:54:29
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 280-86062/1-A

Matrix: Solid | Lab File ID: 09210035.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.9(g) | Date Analyzed: 09/21/2011 22:57

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	0.67	U	1.7	0.67	0.53
72-55-9	4,4'-DDE	0.45	U	1.7	0.45	0.23
50-29-3	4,4'-DDT	0.67	U	1.9	0.67	0.57
309-00-2	Aldrin	0.45	U	1.7	0.45	0.24
319-84-6	alpha-BHC	0.45	U	1.7	0.45	0.21
319-85-7	beta-BHC	0.67	U	1.7	0.67	0.64
319-86-8	delta-BHC	0.67	U	1.7	0.67	0.39
58-89-9	gamma-BHC (Lindane)	0.67	U	1.7	0.67	0.45
1024-57-3	Heptachlor epoxide	0.67	U	1.7	0.67	0.41
959-98-8	Endosulfan I	0.45	U	1.7	0.45	0.17
33213-65-9	Endosulfan II	0.45	U	1.7	0.45	0.28
1031-07-8	Endosulfan sulfate	0.45	U	1.7	0.45	0.27
72-20-8	Endrin	0.45	U	1.7	0.45	0.30
53494-70-5	Endrin ketone	0.67	U	1.7	0.67	0.47
5103-74-2	gamma-Chlordane	0.67	U	1.7	0.67	0.26
72-43-5	Methoxychlor	0.67	U	3.2	0.67	0.44
5103-71-9	alpha-Chlordane	0.45	U	1.7	0.45	0.31
60-57-1	Dieldrin	0.45	U	1.7	0.45	0.20
8001-35-2	Toxaphene	26	U	170	26	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		70-125
2051-24-3	DCB Decachlorobiphenyl	102		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210035.D
Lims ID: MB 280-86062/1-A
Client ID:
Inject. Date: 21-Sep-2011 22:57:39
Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 280-984716,MB
Misc. Info.:
Operator: BR
Instrument ID: CHGCS_P2
Vol. Injected: 1.0000
ALS Bottle#: 29
Lims Batch ID: 87288
Lims Sample ID: 27
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:58
Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb
Date: 22-Sep-2011 10:42:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	0.005	0.0	0.005	763	0			
S 2 Endosulfan, Total									
1						-0.3905			7
2						0			7
						RPD = -200.00			
LOD = 0.002000									
S 6 Chlordane (technical)									
1						2.05			7
2						-1.07			7
						RPD = 637.33			
LOD = 0.002000									
S 5 Hexachlorocyclohexane, technical									
1						-1.19			7
2						0			7
						RPD = -200.00			
LOD = 0.002000									
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	51942910	15.2			
2	2	3.828	3.828	0.000	14018761	15.1			
						RPD = 0.53			
9 Diallate									
1	100	4.287	4.287	0.000	1444945	-75.5			7
2	2	4.255	4.255	0.000	184088	-108.4			7
						RPD = -35.75			
LOD = 0.002000									
11 gamma-BHC (Lindane)									
1	-65	4.708	4.715	-0.007	933164	-0.0316			7
2	2	4.761	4.760	0.001	64	-0.7061			7
						RPD = -182.86			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
12 beta-BHC									
1	100	4.796	4.792	0.004	12362	-1.15			7
2	2	4.842	4.833	0.009	84723	-1.45			7
						RPD = -22.81			
LOD = 0.002000									
14 Technical Chlordane									
1	100	0.0	5.047	-5.047	0	0		100.0	7
1	2	5.502	5.501	0.001	605845	-8.52	73.9- 113.9		
1	3	0.0	6.107	-6.107	0	0	318.2- 358.2		
1	4	6.252	6.245	0.007	279777	-12.8	233.0- 273.0		
1	5	7.014	7.019	-0.005	19487	1.58	60.5- 100.5		
			Average of Peak Amounts =			-6.57			
2	6	4.992	5.000	-0.008	3055871	71.7		100.0	7
2	7	5.535	5.530	0.005	1022	-13.8	55.0- 115.0	0.0	
2	8	0.0	6.147	-6.147	0	0	284.1- 344.1		
2	9	6.300	6.300	0.000	343	-6.58	229.3- 289.3	0.0	
2	10	7.195	7.187	0.008	42096	-2.63	58.8- 118.8	1.4	
			Average of Peak Amounts =			12.2			
						RPD = 670.29			
LOD = 0.0700									
15 Heptachlor									
1	100	5.115	5.114	0.001	12240283	2.28			7
2	2	5.123	5.114	0.009	3248	-0.5776			7
						RPD = 335.35			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.252	6.247	0.005	279777	-0.2304			7
2	2	6.300	6.299	0.001	343	-0.4953			7
						RPD = -73.01			
LOD = 0.002000									
27 2,4'-DDD									
1	100	6.499	6.505	-0.006	698819	-0.7130			7
2	2	6.684	6.675	0.009	149528	-0.7263			7
						RPD = -1.85			
LOD = 0.002000									
30 Endrin									
1	-65	6.865	6.865	0.000	171674	0.0522			
2	2	6.937	6.936	0.001	5574	0.006337			
						RPD = 156.67			
32 4,4'-DDD									
1	100	6.928	6.926	0.002	1151152	-3.34			7
2	2	7.050	7.047	0.003	41213	-5.89			7
						RPD = -55.27			
LOD = 0.002000									
36 Endrin aldehyde									
1	-65	7.480	7.485	-0.005	2611	0.7539			7
2	2	7.460	7.462	-0.002	7200	-0.4880			7
						RPD = 934.10			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
37 Methoxychlor									
1	-65	7.655	7.654	0.001	104	-0.5748			7
2	2	7.982	7.984	-0.002	62	-1.51			7
						RPD = -89.65			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.885	7.891	-0.006	426057	-0.3905			7
2	2	7.719	7.720	-0.001	1944	-0.6200			7
						RPD = -45.42			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	44267434	20.3			
2	2	9.369	9.370	-0.001	12034747	18.6			
						RPD = 8.66			
42 Tris(2,3-dibromopropyl)phosphate									
1	1	10.751	10.753	-0.002	7777	83.6			
2	2	11.149	11.150	-0.001	2068	70.4			
						RPD = 17.20			

QC Flag Legend

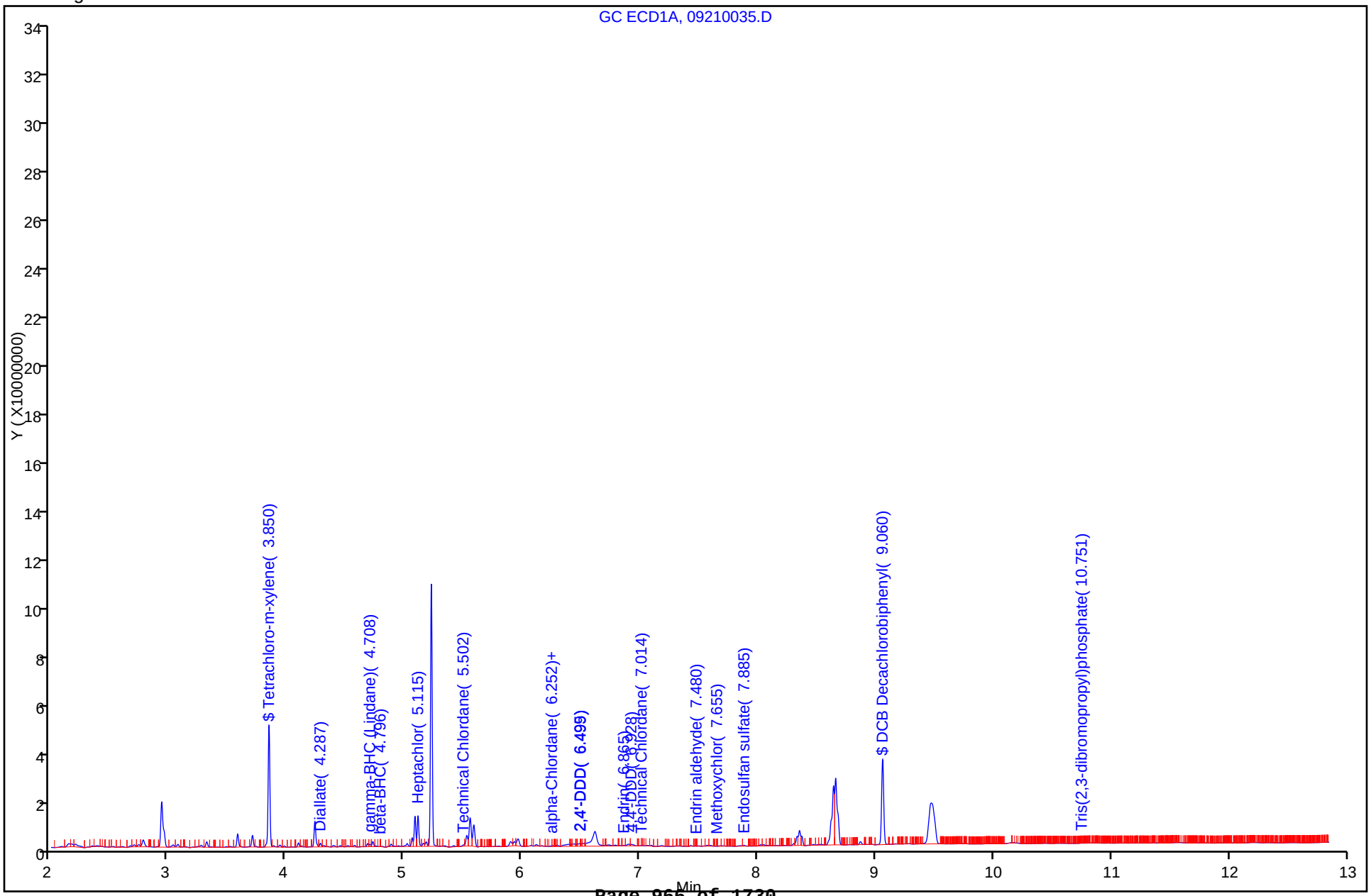
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:28 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210035.D

Injection Date:	21-Sep-2011 22:57:39	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	27
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 280-86062/1-A

Matrix: Solid | Lab File ID: 09210035.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.9(g) | Date Analyzed: 09/21/2011 22:57

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
76-44-8	Heptachlor	0.45	U	1.7	0.45	0.21
7421-93-4	Endrin aldehyde	0.45	U	1.7	0.45	0.17

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	76		70-125
2051-24-3	DCB Decachlorobiphenyl	93		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210035.D		
Lims ID:	MB 280-86062/1-A	Client ID:	
Inject. Date:	21-Sep-2011 22:57:39	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	280-984716,MB		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	29
Lims Batch ID:	87288	Lims Sample ID:	27
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:42:04

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
4 PCB-1016									
1	1	0.005	0.0	0.005	763	0			
S 2 Endosulfan, Total									
1						-0.3905			7
2						0			7
						RPD = -200.00			
LOD = 0.002000									
S 6 Chlordane (technical)									
1						2.05			7
2						-1.07			7
						RPD = 637.33			
LOD = 0.002000									
S 5 Hexachlorocyclohexane, technical									
1						-1.19			7
2						0			7
						RPD = -200.00			
LOD = 0.002000									
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	51942910	15.2			
2	2	3.828	3.828	0.000	14018761	15.1			
						RPD = 0.53			
9 Diallate									
1	100	4.287	4.287	0.000	1444945	-75.5			7
2	2	4.255	4.255	0.000	184088	-108.4			7
						RPD = -35.75			
LOD = 0.002000									
11 gamma-BHC (Lindane)									
1	-65	4.708	4.715	-0.007	933164	-0.0316			7
2	2	4.761	4.760	0.001	64	-0.7061			7
						RPD = -182.86			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
12 beta-BHC									
1	100	4.796	4.792	0.004	12362	-1.15			7
2	2	4.842	4.833	0.009	84723	-1.45			7
						RPD = -22.81			
LOD = 0.002000									
14 Technical Chlordane									
1	100	0.0	5.047	-5.047	0	0		100.0	7
1	2	5.502	5.501	0.001	605845	-8.52	73.9- 113.9		
1	3	0.0	6.107	-6.107	0	0	318.2- 358.2		
1	4	6.252	6.245	0.007	279777	-12.8	233.0- 273.0		
1	5	7.014	7.019	-0.005	19487	1.58	60.5- 100.5		
			Average of Peak Amounts =			-6.57			
2	6	4.992	5.000	-0.008	3055871	71.7		100.0	7
2	7	5.535	5.530	0.005	1022	-13.8	55.0- 115.0	0.0	
2	8	0.0	6.147	-6.147	0	0	284.1- 344.1		
2	9	6.300	6.300	0.000	343	-6.58	229.3- 289.3	0.0	
2	10	7.195	7.187	0.008	42096	-2.63	58.8- 118.8	1.4	
			Average of Peak Amounts =			12.2			
						RPD = 670.29			
LOD = 0.0700									
15 Heptachlor									
1	100	5.115	5.114	0.001	12240283	2.28			7
2	2	5.123	5.114	0.009	3248	-0.5776			7
						RPD = 335.35			
LOD = 0.002000									
24 alpha-Chlordane									
1	-65	6.252	6.247	0.005	279777	-0.2304			7
2	2	6.300	6.299	0.001	343	-0.4953			7
						RPD = -73.01			
LOD = 0.002000									
27 2,4'-DDD									
1	100	6.499	6.505	-0.006	698819	-0.7130			7
2	2	6.684	6.675	0.009	149528	-0.7263			7
						RPD = -1.85			
LOD = 0.002000									
30 Endrin									
1	-65	6.865	6.865	0.000	171674	0.0522			
2	2	6.937	6.936	0.001	5574	0.006337			
						RPD = 156.67			
32 4,4'-DDD									
1	100	6.928	6.926	0.002	1151152	-3.34			7
2	2	7.050	7.047	0.003	41213	-5.89			7
						RPD = -55.27			
LOD = 0.002000									
36 Endrin aldehyde									
1	-65	7.480	7.485	-0.005	2611	0.7539			7
2	2	7.460	7.462	-0.002	7200	-0.4880			7
						RPD = 934.10			
LOD = 0.002000									

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
37 Methoxychlor									
1	-65	7.655	7.654	0.001	104	-0.5748			7
2	2	7.982	7.984	-0.002	62	-1.51			7
						RPD = -89.65			
LOD = 0.002000									
39 Endosulfan sulfate									
1	-65	7.885	7.891	-0.006	426057	-0.3905			7
2	2	7.719	7.720	-0.001	1944	-0.6200			7
						RPD = -45.42			
LOD = 0.002000									
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	44267434	20.3			
2	2	9.369	9.370	-0.001	12034747	18.6			
						RPD = 8.66			
42 Tris(2,3-dibromopropyl)phosphate									
1	1	10.751	10.753	-0.002	7777	83.6			
2	2	11.149	11.150	-0.001	2068	70.4			
						RPD = 17.20			

QC Flag Legend

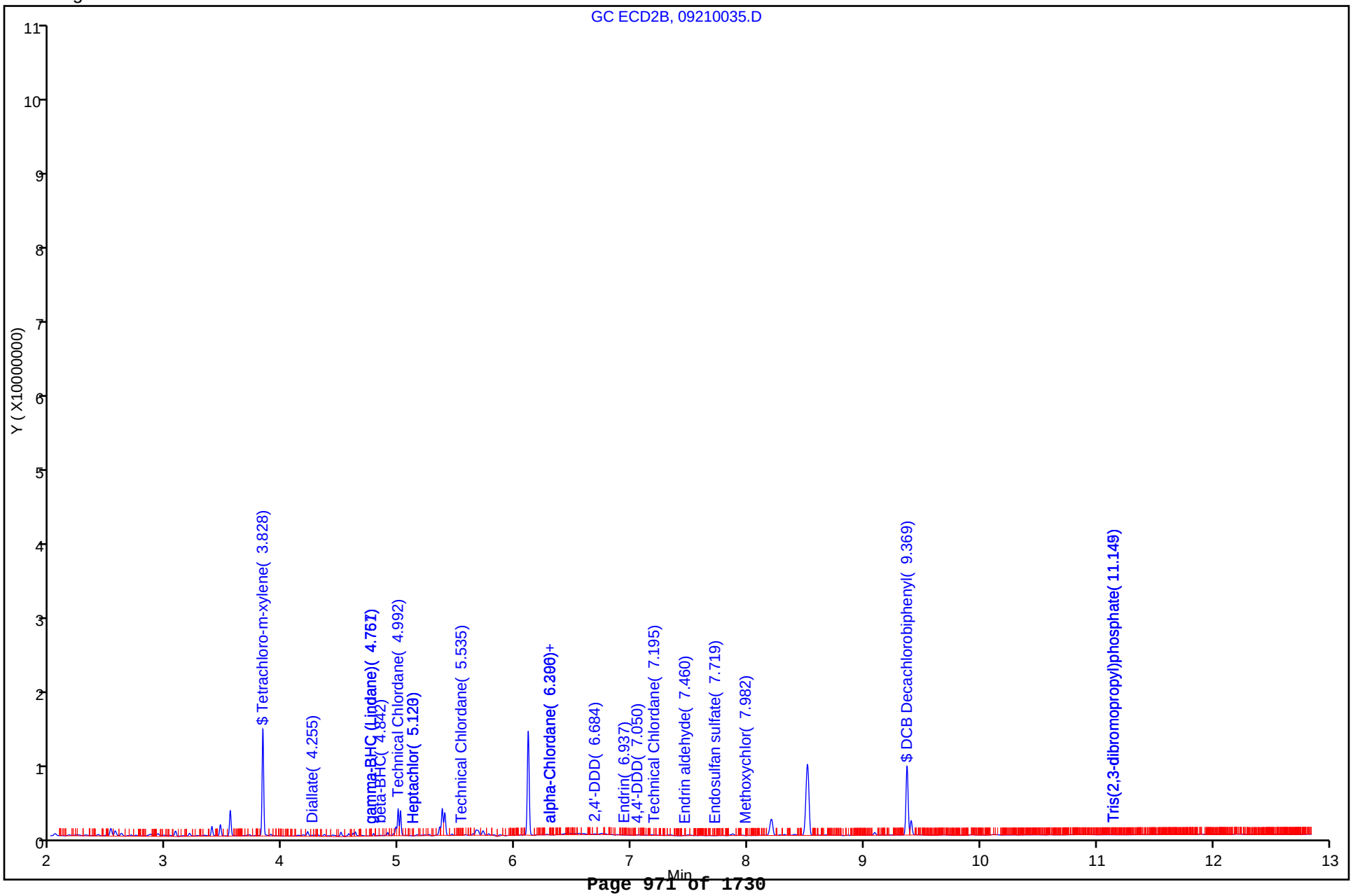
Processing Flags
7 - Failed Limit of Detection

Report Date: 22-Sep-2011 15:25:29 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210035.D

Injection Date:	21-Sep-2011 22:57:39	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	27
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/2-A

Matrix: Solid | Lab File ID: 09210032.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.5(g) | Date Analyzed: 09/21/2011 22:08

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	12.7		1.7	0.68	0.54
50-29-3	4,4'-DDT	12.5		2.0	0.68	0.58
309-00-2	Aldrin	11.6		1.7	0.45	0.25
319-84-6	alpha-BHC	13.0		1.7	0.45	0.21
319-85-7	beta-BHC	13.6		1.7	0.68	0.65
319-86-8	delta-BHC	13.2		1.7	0.68	0.39
58-89-9	gamma-BHC (Lindane)	13.4		1.7	0.68	0.46
76-44-8	Heptachlor	13.7		1.7	0.45	0.21
1024-57-3	Heptachlor epoxide	14.2		1.7	0.68	0.42
959-98-8	Endosulfan I	14.2		1.7	0.45	0.17
33213-65-9	Endosulfan II	14.9		1.7	0.45	0.28
1031-07-8	Endosulfan sulfate	14.6		1.7	0.45	0.27
72-20-8	Endrin	15.9		1.7	0.45	0.30
7421-93-4	Endrin aldehyde	13.3		1.7	0.45	0.17
53494-70-5	Endrin ketone	14.6		1.7	0.68	0.48
5103-74-2	gamma-Chlordane	13.4		1.7	0.68	0.26
72-43-5	Methoxychlor	15.0		3.2	0.68	0.44
5103-71-9	alpha-Chlordane	13.2		1.7	0.45	0.32
60-57-1	Dieldrin	16.0		1.7	0.45	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	80		70-125
2051-24-3	DCB Decachlorobiphenyl	105		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210032.D
Lims ID: LCS 280-86062/2-A Client ID:
Inject. Date: 21-Sep-2011 22:08:17 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 280-984717,LCS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 26
Lims Batch ID: 87288 Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:58 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	54594155	16.0			
2	2	3.828	3.828	0.000	14613929	15.8			
						RPD = 1.30			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	212919720	39.5			
2	2	4.449	4.449	0.000	50385408	37.4			
						RPD = 5.44			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	196159180	40.9			
2	2	4.760	4.760	0.000	45094480	37.5			
						RPD = 8.51			
12 beta-BHC									
1	100	4.792	4.792	0.000	79305113	41.5			
2	2	4.833	4.833	0.000	19706672	38.6			
						RPD = 7.29			
13 delta-BHC									
1	100	4.940	4.940	0.000	193230242	40.2			
2	2	5.066	5.066	0.000	48204528	40.3			
						RPD = 0.28			
15 Heptachlor									
1	100	5.114	5.114	0.000	189271494	41.9			
2	2	5.113	5.114	-0.001	46971795	41.6			
						RPD = 0.52			
16 Aldrin									
1	-65	5.375	5.376	-0.001	153954507	35.3			
2	2	5.389	5.389	0.000	43806850	38.7			
						RPD = 9.09			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	168829589	43.4			
2	2	5.942	5.943	-0.001	41449366	40.2			
						RPD = 7.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
23 gamma-Chlordane									
1	-65	6.105	6.106	-0.001	172156331	41.0			
2	2	6.145	6.146	-0.001	41227613	37.8			
						RPD = 7.98			
24 alpha-Chlordane									
1	-65	6.246	6.247	-0.001	160362730	40.3			
2	2	6.298	6.299	-0.001	39626787	37.8			
						RPD = 6.42			
25 4,4'-DDE									
1	-65	6.324	6.325	-0.001	127824038	31.9			
2	2	6.472	6.474	-0.002	37903979	35.3			
						RPD = 10.08			
26 Endosulfan I									
1	100	6.388	6.389	-0.001	154280205	43.4			
2	2	6.355	6.355	0.000	38115766	39.0			
						RPD = 10.63			
28 Dieldrin									
1	100	6.632	6.633	-0.001	174735539	48.8			
2	2	6.633	6.635	-0.002	43500570	41.8			
						RPD = 15.39			
30 Endrin									
1	-65	6.864	6.865	-0.001	160029663	48.6			
2	2	6.935	6.936	-0.001	39894156	45.4			
						RPD = 6.97			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	129896992	38.8			
2	2	7.046	7.047	-0.001	31841972	36.0			
						RPD = 7.49			
34 Endosulfan II									
1	100	7.083	7.084	-0.001	147410850	45.5			
2	2	7.140	7.140	0.000	36544783	41.3			
						RPD = 9.81			
35 4,4'-DDT									
1	-65	7.197	7.198	-0.001	127689029	38.1			
2	2	7.346	7.347	-0.001	29760968	35.8			
						RPD = 6.35			
36 Endrin aldehyde									
1	-65	7.483	7.485	-0.002	101663354	40.6			
2	2	7.461	7.462	-0.001	26140541	35.9			
						RPD = 12.41			
37 Methoxychlor									
1	-65	7.652	7.654	-0.002	73256600	45.6			
2	2	7.983	7.984	-0.001	17010533	41.4			
						RPD = 9.64			
39 Endosulfan sulfate									
1	-65	7.890	7.891	-0.001	131300764	44.4			
2	2	7.720	7.720	0.000	31830060	40.5			
						RPD = 9.15			

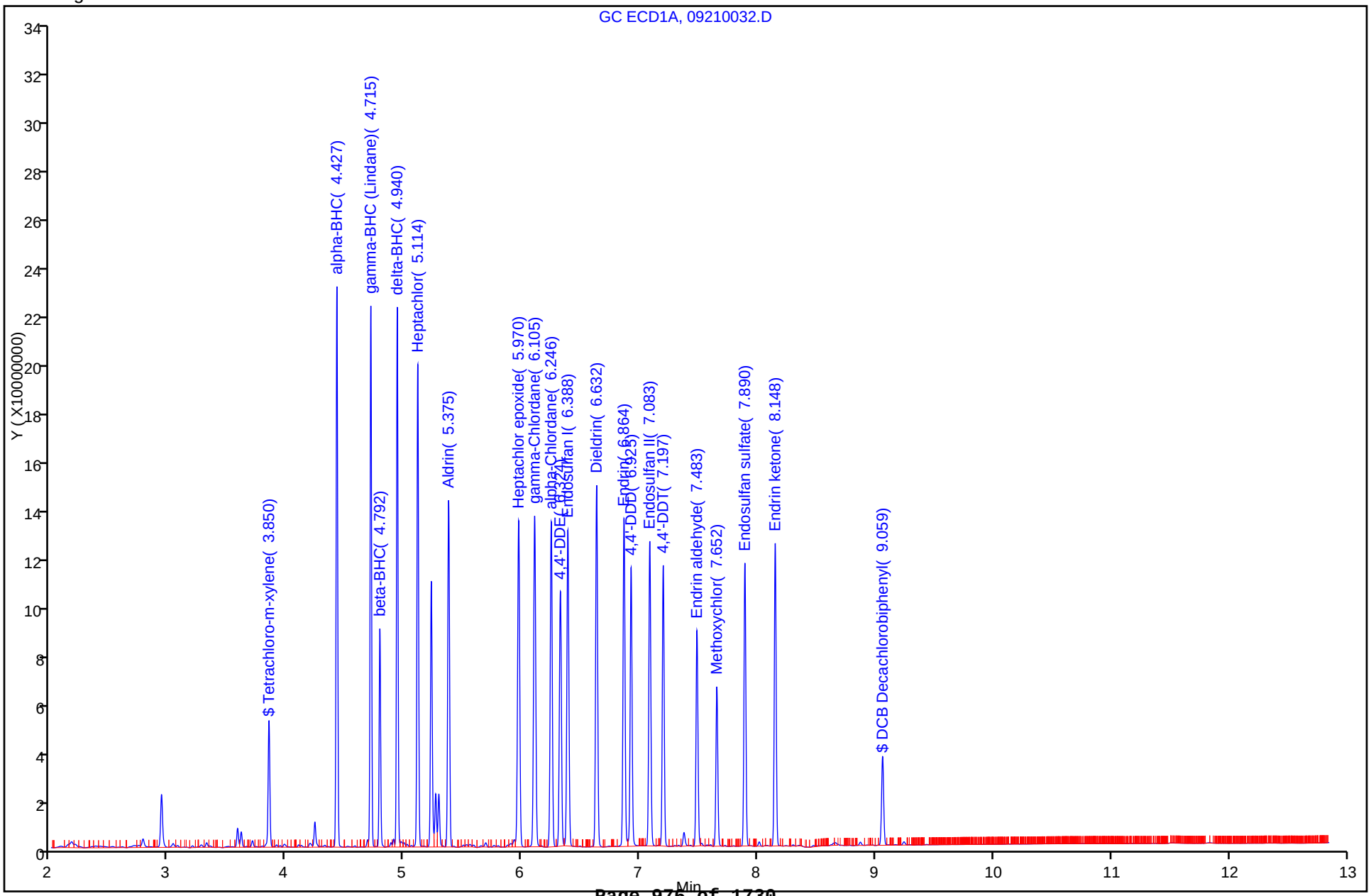
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	138556883	44.4			
2	2	8.205	8.206	-0.001	35141993	38.6			
						RPD = 14.01			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	45602378	20.9			
2	2	9.369	9.370	-0.001	12578114	19.5			
						RPD = 7.07			

Report Date: 22-Sep-2011 15:25:24 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210032.D

Injection Date:	21-Sep-2011 22:08:17	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	24
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/2-A

Matrix: Solid | Lab File ID: 09210032.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.5(g) | Date Analyzed: 09/21/2011 22:08

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-55-9	4,4'-DDE	11.6		1.7	0.45	0.23

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	79		70-125
2051-24-3	DCB Decachlorobiphenyl	98		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210032.D
Lims ID: LCS 280-86062/2-A Client ID:
Inject. Date: 21-Sep-2011 22:08:17 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 280-984717,LCS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 26
Lims Batch ID: 87288 Lims Sample ID: 24
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:24:58 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	54594155	16.0			
2	2	3.828	3.828	0.000	14613929	15.8			
						RPD = 1.30			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	212919720	39.5			
2	2	4.449	4.449	0.000	50385408	37.4			
						RPD = 5.44			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	196159180	40.9			
2	2	4.760	4.760	0.000	45094480	37.5			
						RPD = 8.51			
12 beta-BHC									
1	100	4.792	4.792	0.000	79305113	41.5			
2	2	4.833	4.833	0.000	19706672	38.6			
						RPD = 7.29			
13 delta-BHC									
1	100	4.940	4.940	0.000	193230242	40.2			
2	2	5.066	5.066	0.000	48204528	40.3			
						RPD = 0.28			
15 Heptachlor									
1	100	5.114	5.114	0.000	189271494	41.9			
2	2	5.113	5.114	-0.001	46971795	41.6			
						RPD = 0.52			
16 Aldrin									
1	-65	5.375	5.376	-0.001	153954507	35.3			
2	2	5.389	5.389	0.000	43806850	38.7			
						RPD = 9.09			
22 Heptachlor epoxide									
1	-65	5.970	5.970	0.000	168829589	43.4			
2	2	5.942	5.943	-0.001	41449366	40.2			
						RPD = 7.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
23 gamma-Chlordane									
1	-65	6.105	6.106	-0.001	172156331	41.0			
2	2	6.145	6.146	-0.001	41227613	37.8			
						RPD = 7.98			
24 alpha-Chlordane									
1	-65	6.246	6.247	-0.001	160362730	40.3			
2	2	6.298	6.299	-0.001	39626787	37.8			
						RPD = 6.42			
25 4,4'-DDE									
1	-65	6.324	6.325	-0.001	127824038	31.9			
2	2	6.472	6.474	-0.002	37903979	35.3			
						RPD = 10.08			
26 Endosulfan I									
1	100	6.388	6.389	-0.001	154280205	43.4			
2	2	6.355	6.355	0.000	38115766	39.0			
						RPD = 10.63			
28 Dieldrin									
1	100	6.632	6.633	-0.001	174735539	48.8			
2	2	6.633	6.635	-0.002	43500570	41.8			
						RPD = 15.39			
30 Endrin									
1	-65	6.864	6.865	-0.001	160029663	48.6			
2	2	6.935	6.936	-0.001	39894156	45.4			
						RPD = 6.97			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	129896992	38.8			
2	2	7.046	7.047	-0.001	31841972	36.0			
						RPD = 7.49			
34 Endosulfan II									
1	100	7.083	7.084	-0.001	147410850	45.5			
2	2	7.140	7.140	0.000	36544783	41.3			
						RPD = 9.81			
35 4,4'-DDT									
1	-65	7.197	7.198	-0.001	127689029	38.1			
2	2	7.346	7.347	-0.001	29760968	35.8			
						RPD = 6.35			
36 Endrin aldehyde									
1	-65	7.483	7.485	-0.002	101663354	40.6			
2	2	7.461	7.462	-0.001	26140541	35.9			
						RPD = 12.41			
37 Methoxychlor									
1	-65	7.652	7.654	-0.002	73256600	45.6			
2	2	7.983	7.984	-0.001	17010533	41.4			
						RPD = 9.64			
39 Endosulfan sulfate									
1	-65	7.890	7.891	-0.001	131300764	44.4			
2	2	7.720	7.720	0.000	31830060	40.5			
						RPD = 9.15			

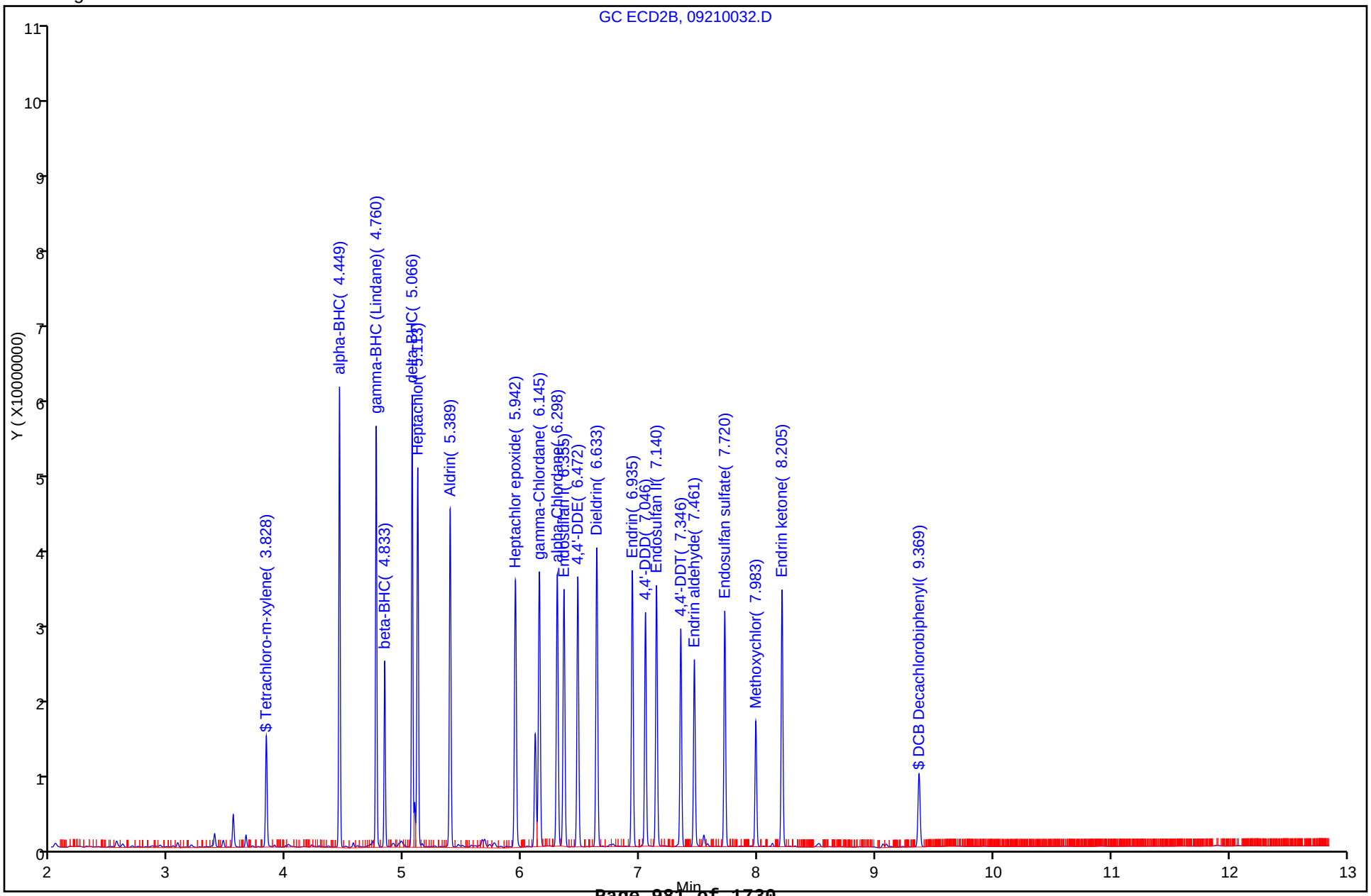
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	138556883	44.4			
2	2	8.205	8.206	-0.001	35141993	38.6			
						RPD = 14.01			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	45602378	20.9			
2	2	9.369	9.370	-0.001	12578114	19.5			
						RPD = 7.07			

Report Date: 22-Sep-2011 15:25:24 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210032.D

Injection Date:	21-Sep-2011 22:08:17	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	24
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/26-A

Matrix: Solid | Lab File ID: 09210031.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/21/2011 21:51

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
8001-35-2	Toxaphene	78.4	J	160	26	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		70-125
2051-24-3	DCB Decachlorobiphenyl	100		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D		
Lims ID:	LCS 280-86062/26-A	Client ID:	
Inject. Date:	21-Sep-2011 21:51:52	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	280-984759,TLCS		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	25
Lims Batch ID:	87288	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:31:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	49592800	14.5			
2	2	3.828	3.828	0.000	13437383	14.5			
						RPD = 0.19			
20 Toxaphene									M
1	-65	5.546	5.545	0.001	4082774	428.0		100.0	M
1	-65	6.405	6.400	0.005	6473572	122.4	493.4- 533.4	158.6	M
1	-65	6.953	6.957	-0.004	8493695	164.3	473.2- 513.2	208.0	M
1	-65	7.402	7.402	0.000	16429329	155.1	1037.7-1077.7	402.4	M
1	-65	7.889	7.890	-0.001	15298696	361.4	435.6- 475.6	374.7	M
			Average of Peak Amounts =			246.2			
2	6	5.455	5.457	-0.002	644441	178.1		100.0	M
2	7	6.217	6.217	0.000	2308110	230.9	273.5- 333.5	358.2	M
2	8	6.910	6.908	0.002	2023634	107.8	555.4- 615.4	314.0	M
2	9	7.470	7.471	-0.001	6640630	209.4	1046.7-1106.7	1030.4	M
2	10	8.039	8.042	-0.003	3814865	292.7	456.6- 516.6	592.0	M
			Average of Peak Amounts =			203.8			
						RPD = 18.87			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	43985256	20.1			
2	2	9.369	9.370	-0.001	11657764	18.0			
						RPD = 11.36			

QC Flag Legend

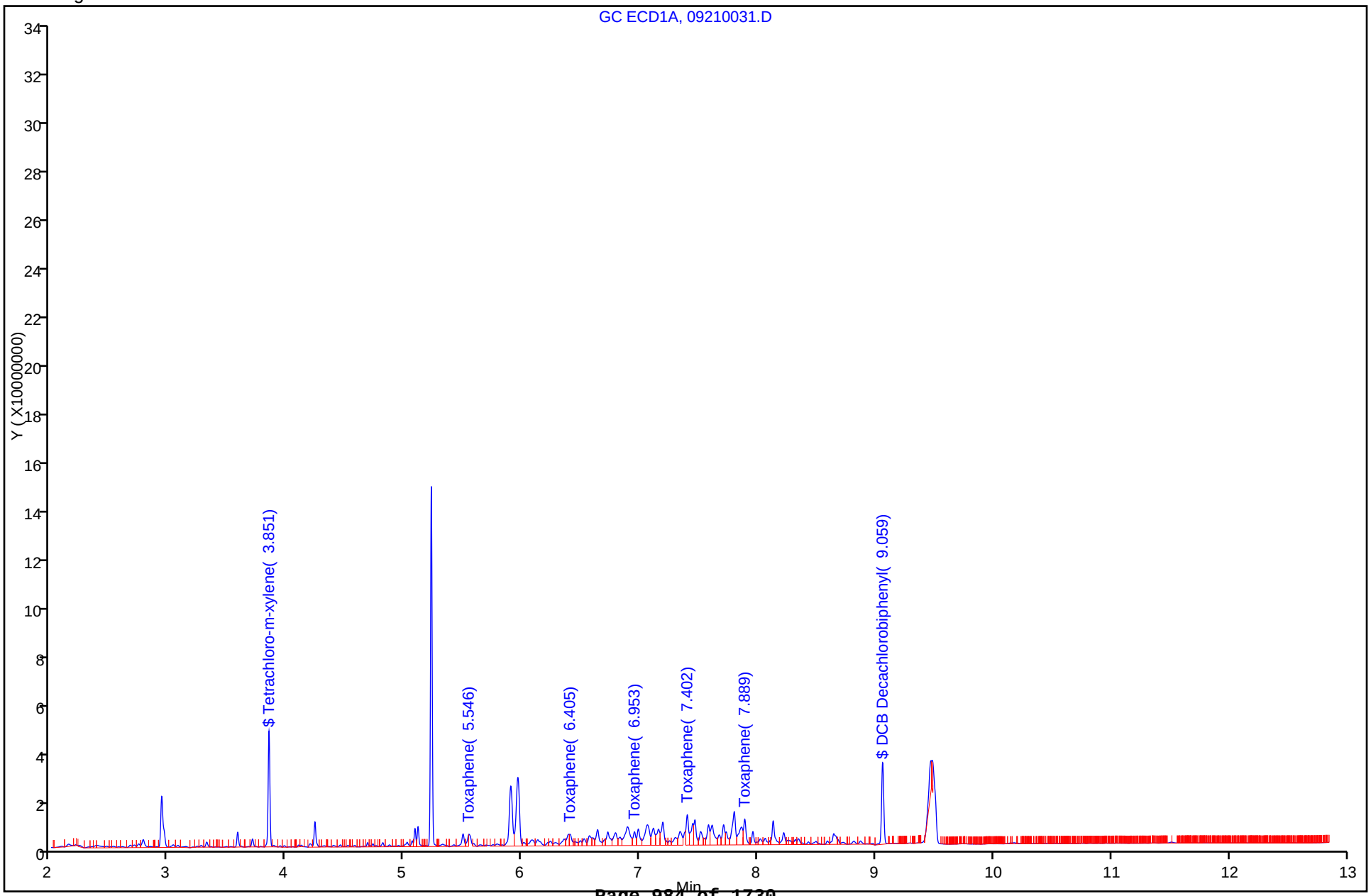
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:20 Chrom Revision: 1.2 13-Jul-2011 10:43:06

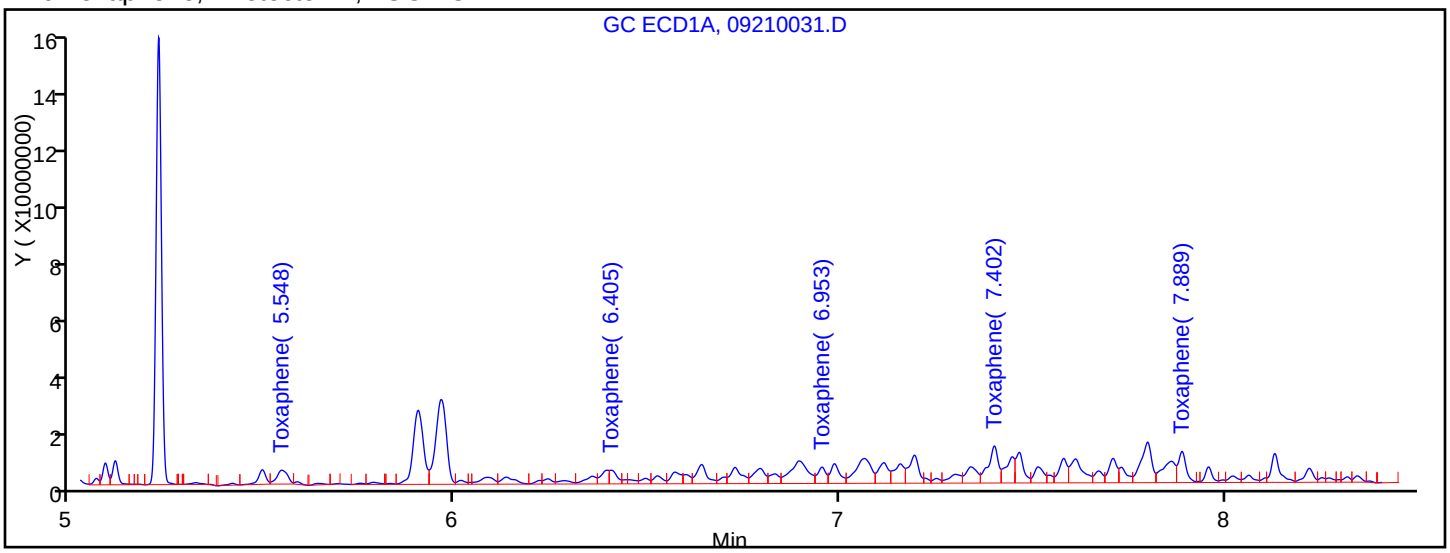
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D

Injection Date:	21-Sep-2011 21:51:52	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	23
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

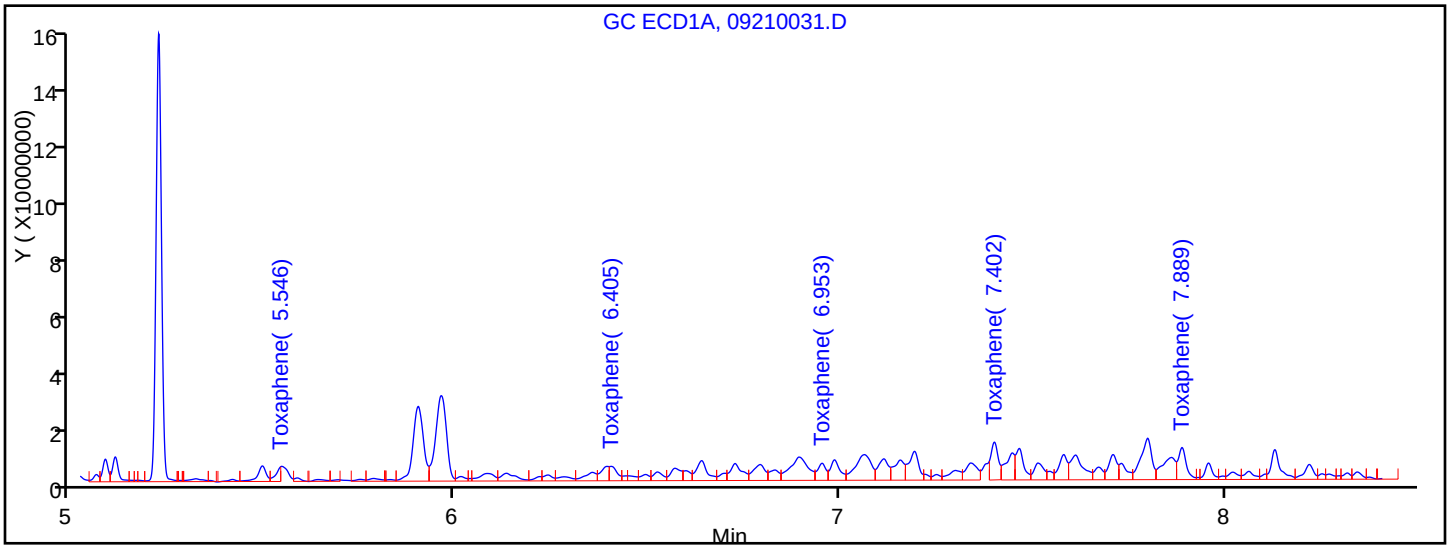


Report Date: 22-Sep-2011 15:25:22 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D
Injection Date: 21-Sep-2011 21:51:52 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 23
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.548	Response = 8979035	M
RT = 6.405	Response = 6008730	M
RT = 6.953	Response = 7980115	M
RT = 7.402	Response = 22101316	M
RT = 7.889	Response = 14415752	M



Manual Integration Results

RT = 5.546	Response = 4082774	M
RT = 6.405	Response = 6473572	M
RT = 6.953	Response = 8493695	M
RT = 7.402	Response = 16429329	M
RT = 7.889	Response = 15298696	M

Reviewer: reamb, 22-Sep-2011 10:31:23
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/26-A

Matrix: Solid | Lab File ID: 09210031.D

Analysis Method: 8081A | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/21/2011 21:51

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	72		70-125
2051-24-3	DCB Decachlorobiphenyl	90		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D		
Lims ID:	LCS 280-86062/26-A	Client ID:	
Inject. Date:	21-Sep-2011 21:51:52	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	280-984759,TLCS		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	25
Lims Batch ID:	87288	Lims Sample ID:	23
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:24:58	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 10:31:23

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	49592800	14.5			
2	2	3.828	3.828	0.000	13437383	14.5			
						RPD = 0.19			
20 Toxaphene									M
1	-65	5.546	5.545	0.001	4082774	428.0		100.0	M
1	-65	6.405	6.400	0.005	6473572	122.4	493.4- 533.4	158.6	M
1	-65	6.953	6.957	-0.004	8493695	164.3	473.2- 513.2	208.0	M
1	-65	7.402	7.402	0.000	16429329	155.1	1037.7-1077.7	402.4	M
1	-65	7.889	7.890	-0.001	15298696	361.4	435.6- 475.6	374.7	M
			Average of Peak Amounts =			246.2			
2	6	5.455	5.457	-0.002	644441	178.1		100.0	M
2	7	6.217	6.217	0.000	2308110	230.9	273.5- 333.5	358.2	M
2	8	6.910	6.908	0.002	2023634	107.8	555.4- 615.4	314.0	M
2	9	7.470	7.471	-0.001	6640630	209.4	1046.7-1106.7	1030.4	M
2	10	8.039	8.042	-0.003	3814865	292.7	456.6- 516.6	592.0	M
			Average of Peak Amounts =			203.8			
						RPD = 18.87			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	43985256	20.1			
2	2	9.369	9.370	-0.001	11657764	18.0			
						RPD = 11.36			

QC Flag Legend

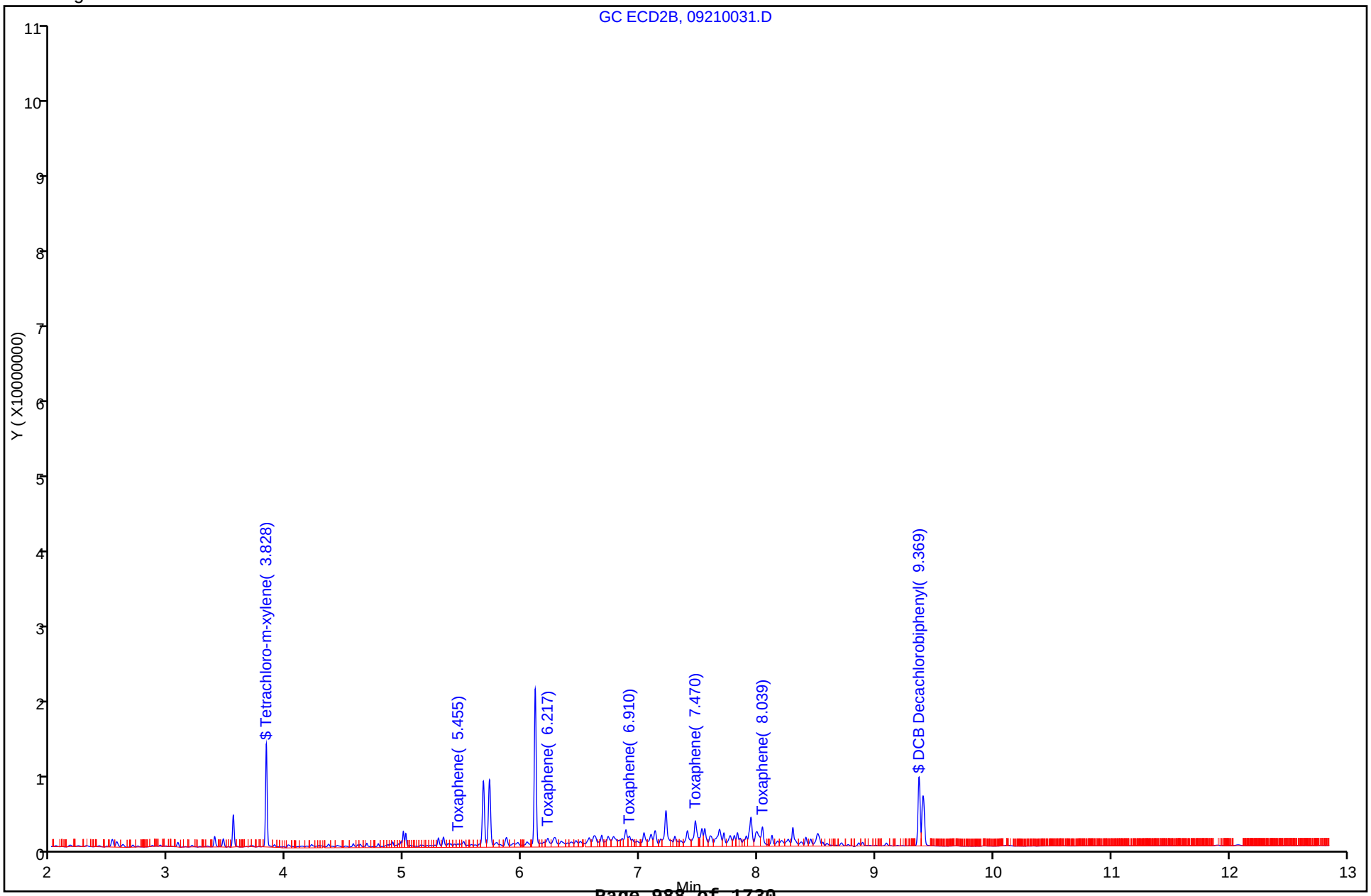
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:22 Chrom Revision: 1.2 13-Jul-2011 10:43:06

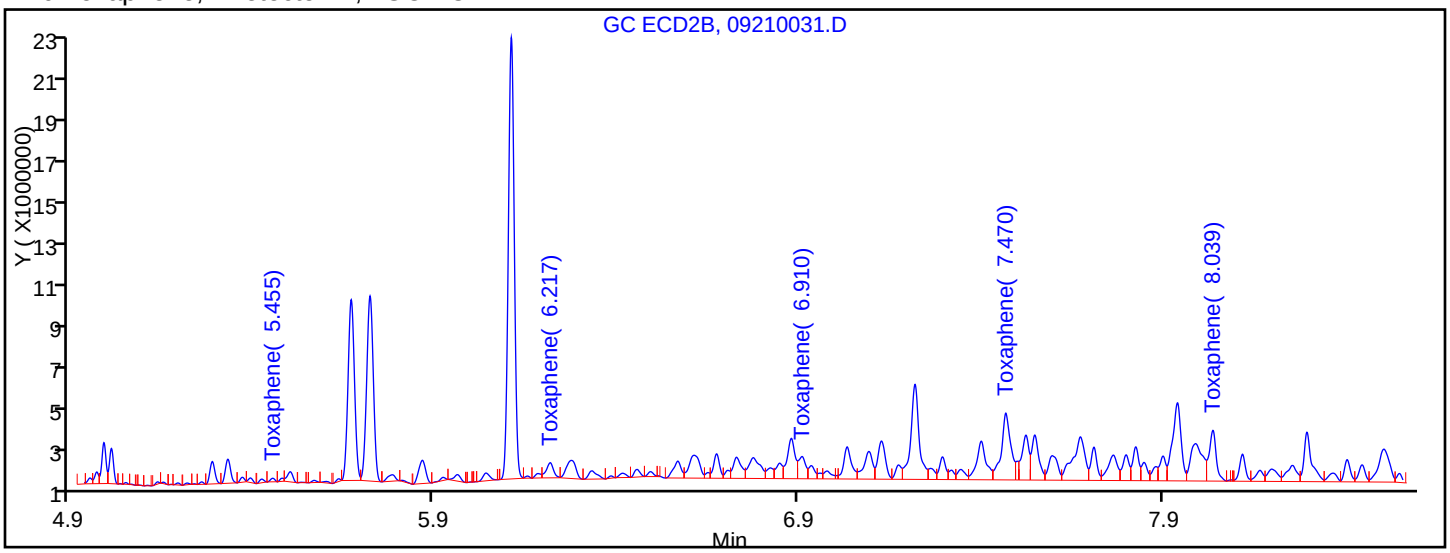
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D

Injection Date:	21-Sep-2011 21:51:52	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	23
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

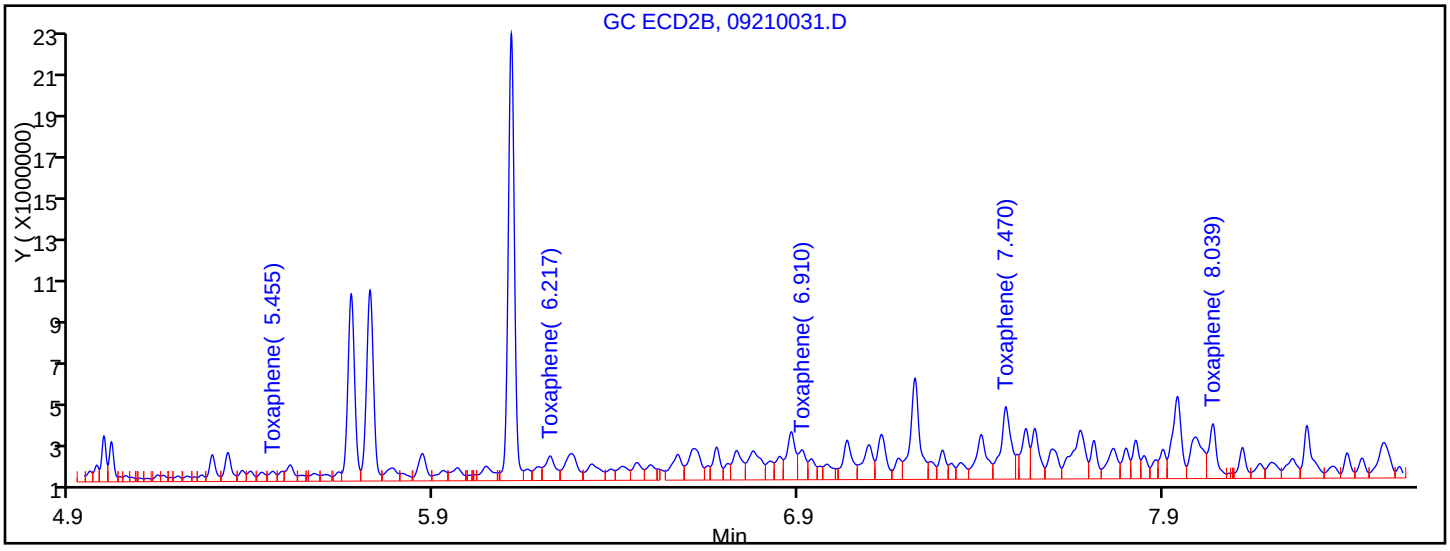


Report Date: 22-Sep-2011 15:25:22 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210031.D
Injection Date: 21-Sep-2011 21:51:52 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 23
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.455	Response = 135267	M
RT = 6.217	Response = 973846	M
RT = 6.910	Response = 1398542	M
RT = 7.470	Response = 5568734	M
RT = 8.039	Response = 3156375	M



Manual Integration Results

RT = 5.455	Response = 644441	M
RT = 6.217	Response = 2308110	M
RT = 6.910	Response = 2023634	M
RT = 7.470	Response = 6640630	M
RT = 8.039	Response = 3814865	M

Reviewer: reamb, 22-Sep-2011 10:31:23
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MS | Lab Sample ID: 280-20042-1 MS

Matrix: Solid | Lab File ID: 09210050.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.3(g) | Date Analyzed: 09/22/2011 03:04

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	6.05	Q	2.1	0.84	0.66
72-55-9	4,4'-DDE	7.59	Q J	2.1	0.56	0.29
50-29-3	4,4'-DDT	5.53	Q J	2.4	0.84	0.71
309-00-2	Aldrin	9.28	Q J	2.1	0.56	0.30
319-84-6	alpha-BHC	8.11	Q J	2.1	0.56	0.26
319-85-7	beta-BHC	10.9	Q J	2.1	0.84	0.80
319-86-8	delta-BHC	6.98	Q J	2.1	0.84	0.49
58-89-9	gamma-BHC (Lindane)	8.92	Q J	2.1	0.84	0.56
76-44-8	Heptachlor	9.61	Q J	2.1	0.56	0.26
1024-57-3	Heptachlor epoxide	12.0	Q J	2.1	0.84	0.52
33213-65-9	Endosulfan II	7.63	Q J	2.1	0.56	0.35
1031-07-8	Endosulfan sulfate	8.80	Q J	2.1	0.56	0.33
72-20-8	Endrin	8.84	Q J	2.1	0.56	0.37
7421-93-4	Endrin aldehyde	7.43	Q	2.1	0.56	0.21
53494-70-5	Endrin ketone	9.08	Q J	2.1	0.84	0.59
5103-74-2	gamma-Chlordane	8.88	Q J	2.1	0.84	0.32
72-43-5	Methoxychlor	11.7	Q	4.0	0.84	0.54
5103-71-9	alpha-Chlordane	8.36	Q J	2.1	0.56	0.39
60-57-1	Dieldrin	18.0	Q	2.1	0.56	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	44	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	254	Q	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210050.D
Lims ID: 280-20042-A-1-D MS Client ID:
Inject. Date: 22-Sep-2011 03:04:56 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 280-984719,-1MS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 44
Lims Batch ID: 87288 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	30526747	8.81			
2	2	3.829	3.828	0.001	10380786	11.1			
						RPD = 22.56			
10 alpha-BHC									
1	-65	4.428	4.427	0.001	107840631	20.1			
2	2	4.449	4.449	0.000	31988678	23.5			
						RPD = 15.70			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	106720524	22.1			
2	2	4.761	4.760	0.001	26893680	22.1			
						RPD = 0.14			
12 beta-BHC									
1	100	4.793	4.792	0.001	52376881	27.0			
2	2	4.833	4.833	0.000	12634752	24.2			
						RPD = 11.18			
13 delta-BHC									
1	100	4.940	4.940	0.000	83219836	17.3			
2	2	5.066	5.066	0.000	25163303	20.9			
						RPD = 18.64			
15 Heptachlor									
1	100	5.114	5.114	0.000	108333559	23.8			
2	2	5.114	5.114	0.000	25846181	22.6			
						RPD = 4.80			
16 Aldrin									
1	-65	5.376	5.376	0.000	100745307	23.0			
2	2	5.388	5.389	-0.001	31644825	27.8			
						RPD = 19.04			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	116006416	29.7			
2	2	5.943	5.943	0.000	29150379	28.1			
						RPD = 5.79			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	92749132	22.0			
2	2	6.145	6.146	-0.001	25154572	22.9			
						RPD = 4.04			
24 alpha-Chlordane									
1	-65	6.248	6.247	0.001	83109835	20.7			
2	2	6.298	6.299	-0.001	25265925	23.9			
						RPD = 14.22			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	75796920	18.8			
2	2	6.473	6.474	-0.001	22437372	20.6			
						RPD = 8.92			
26 Endosulfan I									
1	100	6.389	6.389	0.000	68931626	18.9			
2	2	6.355	6.355	0.000	18542870	18.4			
						RPD = 2.45			
28 Dieldrin									
1	100	6.633	6.633	0.000	159903541	44.6			
2	2	6.635	6.635	0.000	28293901	27.1			
						RPD = 48.87			
30 Endrin									
1	-65	6.865	6.865	0.000	71957212	21.9			
2	2	6.935	6.936	-0.001	24976872	28.4			
						RPD = 25.98			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	51008677	15.0			
2	2	7.047	7.047	0.000	17468977	19.1			
						RPD = 24.10			
34 Endosulfan II									
1	100	7.084	7.084	0.000	61977942	18.9			
2	2	7.141	7.140	0.001	18501741	20.6			
						RPD = 8.22			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	46192858	13.7			
2	2	7.348	7.347	0.001	19932729	23.9			
						RPD = 54.19			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	44878519	18.4			
2	2	7.462	7.462	0.000	12090584	16.3			
						RPD = 11.69			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	46974739	29.0			
2	2	7.983	7.984	-0.001	10246355	24.4			
						RPD = 17.58			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	65235571	21.8			
2	2	7.720	7.720	0.000	19764674	24.9			
						RPD = 13.41			

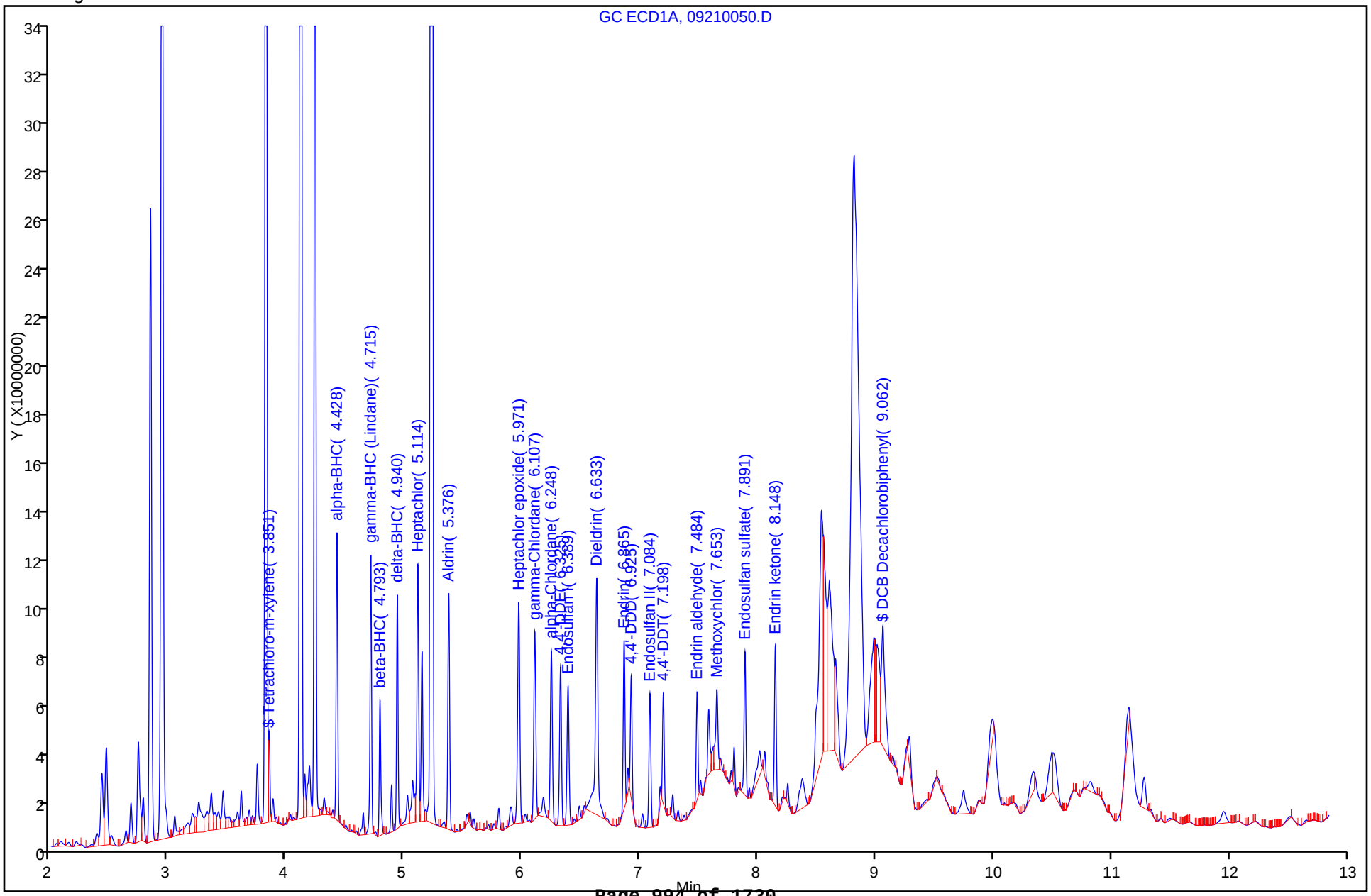
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	70200499	22.5			
2	2	8.207	8.206	0.001	24051732	26.2			
						RPD = 15.34			
$ 41 DCB Decachlorobiphenyl									
1	1	9.062	9.060	0.002	108623203	50.9			
2	2	9.368	9.370	-0.002	8518533	12.8			
						RPD = 119.38			

Report Date: 22-Sep-2011 15:26:20 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210050.D

Injection Date:	22-Sep-2011 03:04:56	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	42
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MS | Lab Sample ID: 280-20042-1 MS

Matrix: Solid | Lab File ID: 09210050.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.3(g) | Date Analyzed: 09/22/2011 03:04

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
959-98-8	Endosulfan I	7.43	Q	2.1	0.56	0.21

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	55	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	64		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210050.D
Lims ID: 280-20042-A-1-D MS Client ID:
Inject. Date: 22-Sep-2011 03:04:56 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 280-984719,-1MS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 44
Lims Batch ID: 87288 Lims Sample ID: 42
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.851	3.850	0.001	30526747	8.81			
2	2	3.829	3.828	0.001	10380786	11.1			
						RPD = 22.56			
10 alpha-BHC									
1	-65	4.428	4.427	0.001	107840631	20.1			
2	2	4.449	4.449	0.000	31988678	23.5			
						RPD = 15.70			
11 gamma-BHC (Lindane)									
1	-65	4.715	4.715	0.000	106720524	22.1			
2	2	4.761	4.760	0.001	26893680	22.1			
						RPD = 0.14			
12 beta-BHC									
1	100	4.793	4.792	0.001	52376881	27.0			
2	2	4.833	4.833	0.000	12634752	24.2			
						RPD = 11.18			
13 delta-BHC									
1	100	4.940	4.940	0.000	83219836	17.3			
2	2	5.066	5.066	0.000	25163303	20.9			
						RPD = 18.64			
15 Heptachlor									
1	100	5.114	5.114	0.000	108333559	23.8			
2	2	5.114	5.114	0.000	25846181	22.6			
						RPD = 4.80			
16 Aldrin									
1	-65	5.376	5.376	0.000	100745307	23.0			
2	2	5.388	5.389	-0.001	31644825	27.8			
						RPD = 19.04			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	116006416	29.7			
2	2	5.943	5.943	0.000	29150379	28.1			
						RPD = 5.79			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
23 gamma-Chlordane									
1	-65	6.107	6.106	0.001	92749132	22.0			
2	2	6.145	6.146	-0.001	25154572	22.9			
						RPD = 4.04			
24 alpha-Chlordane									
1	-65	6.248	6.247	0.001	83109835	20.7			
2	2	6.298	6.299	-0.001	25265925	23.9			
						RPD = 14.22			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	75796920	18.8			
2	2	6.473	6.474	-0.001	22437372	20.6			
						RPD = 8.92			
26 Endosulfan I									
1	100	6.389	6.389	0.000	68931626	18.9			
2	2	6.355	6.355	0.000	18542870	18.4			
						RPD = 2.45			
28 Dieldrin									
1	100	6.633	6.633	0.000	159903541	44.6			
2	2	6.635	6.635	0.000	28293901	27.1			
						RPD = 48.87			
30 Endrin									
1	-65	6.865	6.865	0.000	71957212	21.9			
2	2	6.935	6.936	-0.001	24976872	28.4			
						RPD = 25.98			
32 4,4'-DDD									
1	100	6.925	6.926	-0.001	51008677	15.0			
2	2	7.047	7.047	0.000	17468977	19.1			
						RPD = 24.10			
34 Endosulfan II									
1	100	7.084	7.084	0.000	61977942	18.9			
2	2	7.141	7.140	0.001	18501741	20.6			
						RPD = 8.22			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	46192858	13.7			
2	2	7.348	7.347	0.001	19932729	23.9			
						RPD = 54.19			
36 Endrin aldehyde									
1	-65	7.484	7.485	-0.001	44878519	18.4			
2	2	7.462	7.462	0.000	12090584	16.3			
						RPD = 11.69			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	46974739	29.0			
2	2	7.983	7.984	-0.001	10246355	24.4			
						RPD = 17.58			
39 Endosulfan sulfate									
1	-65	7.891	7.891	0.000	65235571	21.8			
2	2	7.720	7.720	0.000	19764674	24.9			
						RPD = 13.41			

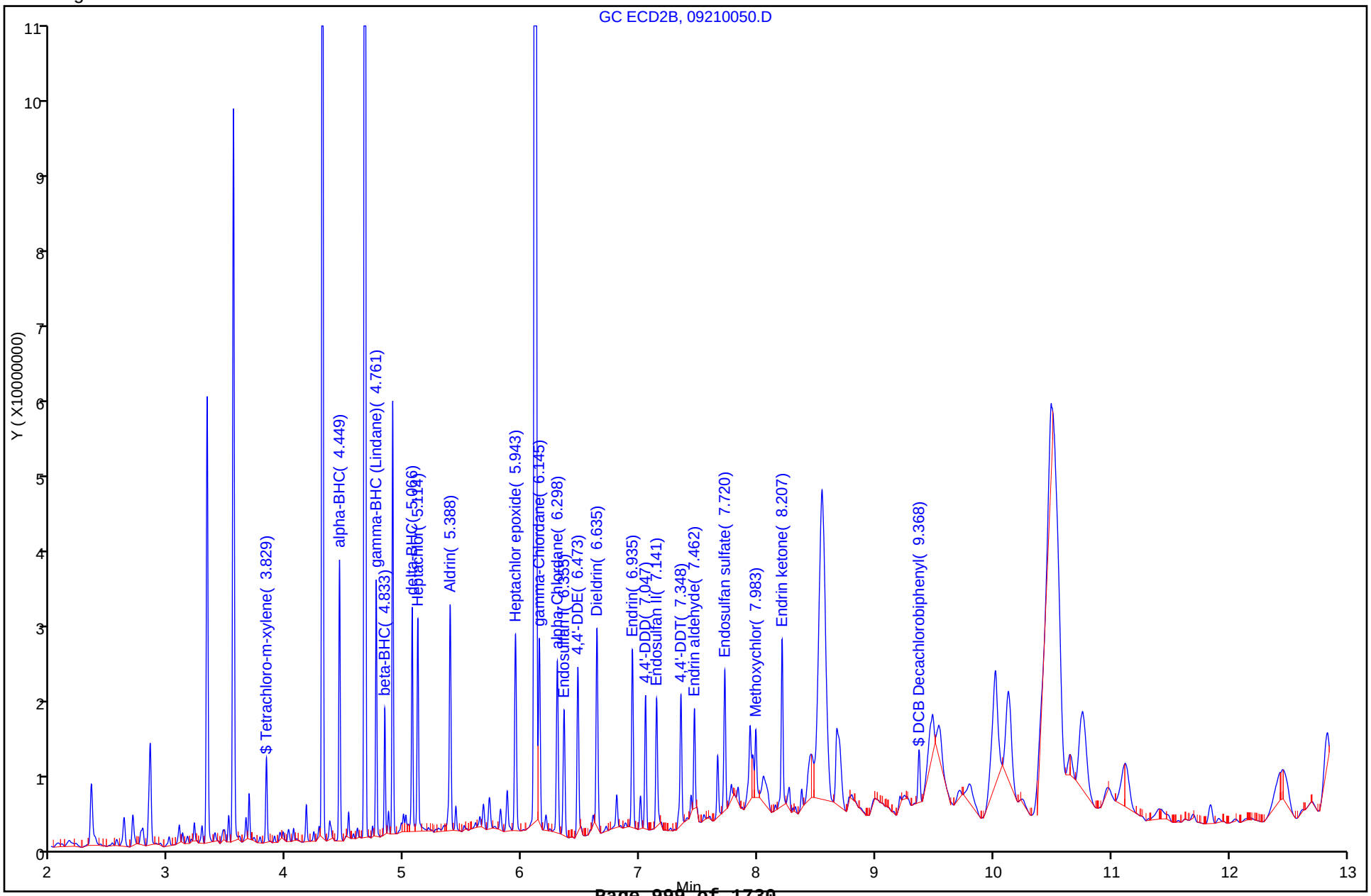
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.148	8.149	-0.001	70200499	22.5			
2	2	8.207	8.206	0.001	24051732	26.2			
						RPD = 15.34			
$ 41 DCB Decachlorobiphenyl									
1	1	9.062	9.060	0.002	108623203	50.9			
2	2	9.368	9.370	-0.002	8518533	12.8			
						RPD = 119.38			

Report Date: 22-Sep-2011 15:26:20 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210050.D

Injection Date:	22-Sep-2011 03:04:56	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	42
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS | Lab Sample ID: 280-20042-2 MS

Matrix: Solid | Lab File ID: 09210041.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.5(g) | Date Analyzed: 09/22/2011 00:36

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
8001-35-2	Toxaphene	71.6	J Q	200	32	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	57	M Q	70-125
2051-24-3	DCB Decachlorobiphenyl	80		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D
Lims ID: 280-20042-A-2-D MS Client ID:
Inject. Date: 22-Sep-2011 00:36:26 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 280-984722,-TMS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 35
Lims Batch ID: 87288 Lims Sample ID: 33
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:25:42 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 22-Sep-2011 12:28:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									M
1	100	3.847	3.850	-0.003	39648548	11.5			M
2	2	3.826	3.828	-0.002	14358469	15.5			
						RPD = 29.30			
20 Toxaphene									M
1	-65	5.553	5.545	0.008	3049228	311.5		100.0	M
1	-65	6.393	6.400	-0.007	1425393	10.6	493.4- 533.4	46.7	M
1	-65	6.952	6.957	-0.005	8843858	172.0	473.2- 513.2	290.0	M
1	-65	7.401	7.402	-0.001	16104112	151.8	1037.7-1077.7	528.1	M
1	-65	7.890	7.890	0.000	11002586	264.2	435.6- 475.6	360.8	M
			Average of Peak Amounts =			182.0			
2	6	5.476	5.457	0.019	4344040	1593.8		100.0	M
2	7	6.216	6.217	-0.001	3069432	324.6	273.5- 333.5	70.7	M
2	8	6.911	6.908	0.003	3942573	230.0	555.4- 615.4	90.8	M
2	9	7.471	7.471	0.000	8351380	268.7	1046.7-1106.7	192.2	M
2	10	8.040	8.042	-0.002	4544175	348.4	456.6- 516.6	104.6	M
			Average of Peak Amounts =			553.1			
						RPD = 100.95			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	35382328	16.0			
2	2	9.369	9.370	-0.001	9761509	14.9			
						RPD = 7.59			

QC Flag Legend

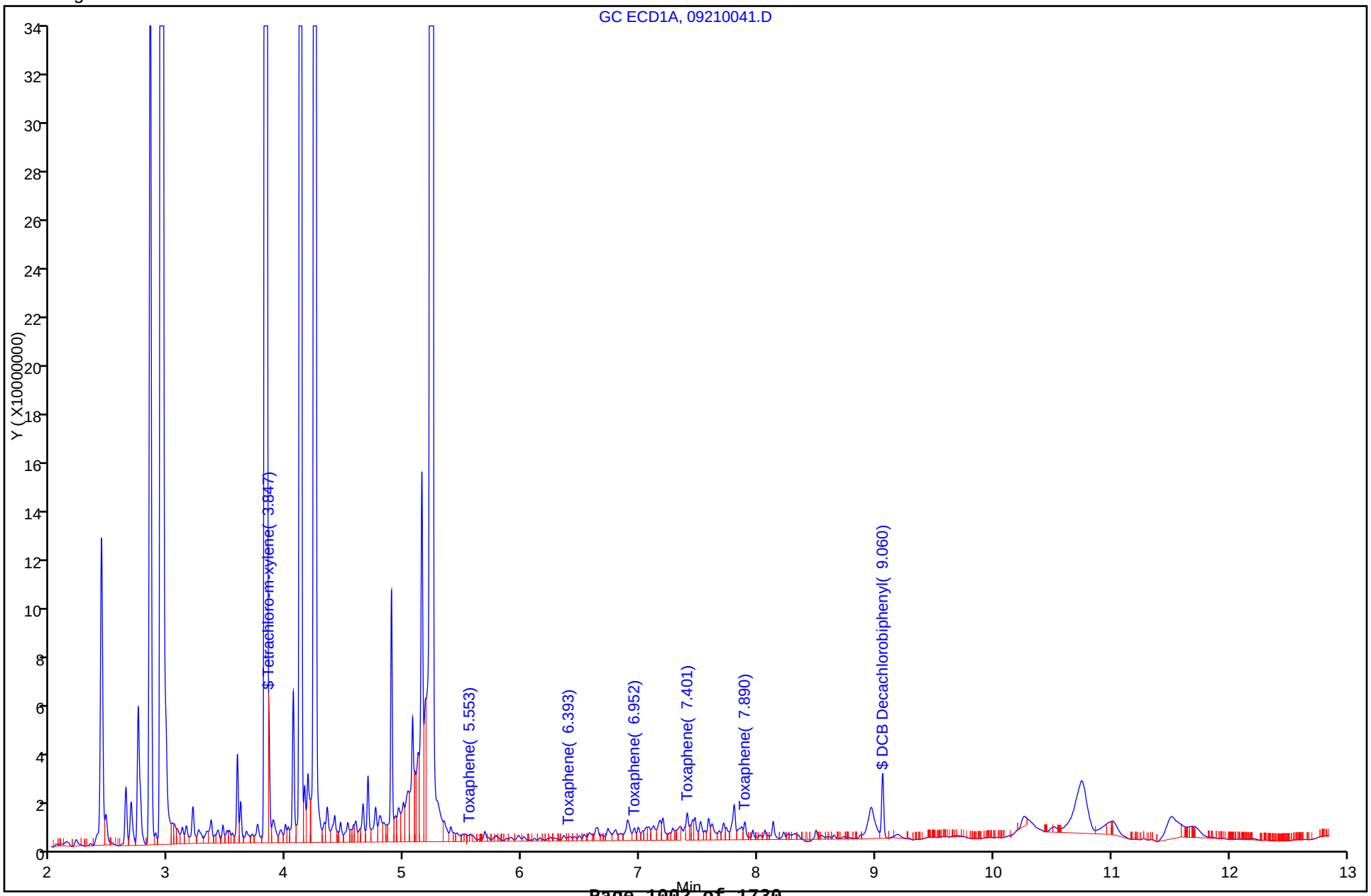
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:56 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D

Injection Date:	22-Sep-2011 00:36:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	33
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 22-Sep-2011 15:25:57 Chrom Revision: 1.2 13-Jul-2011 10:43:06

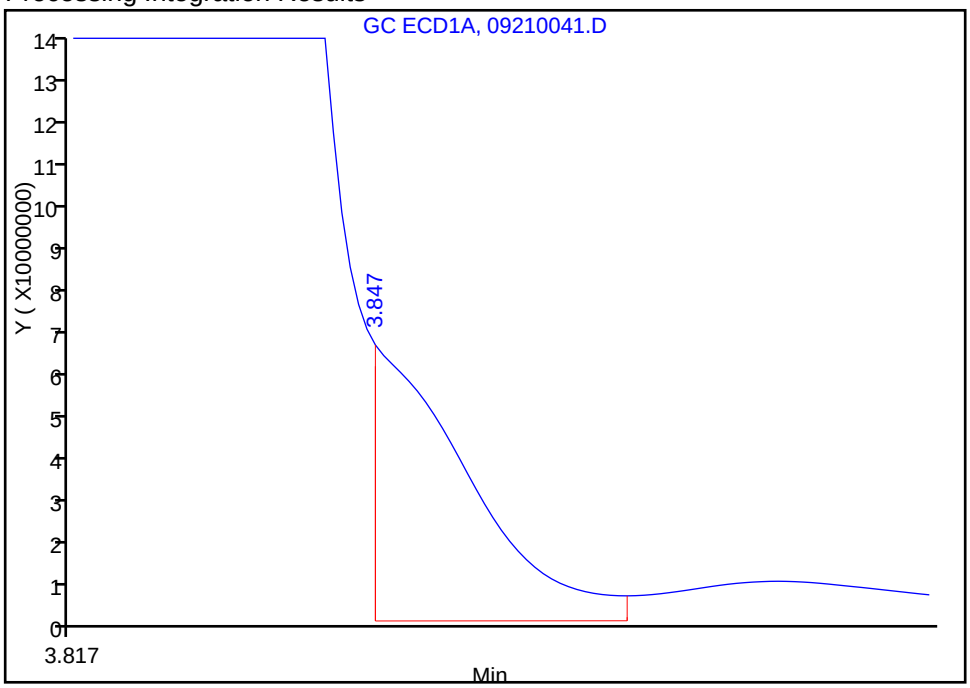
Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D		
Injection Date:	22-Sep-2011 00:36:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	33
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

$ 7 Tetrachloro-m-xylene, Signal: 1, Type: quant, RT: 3.85, Det: GC ECD1A

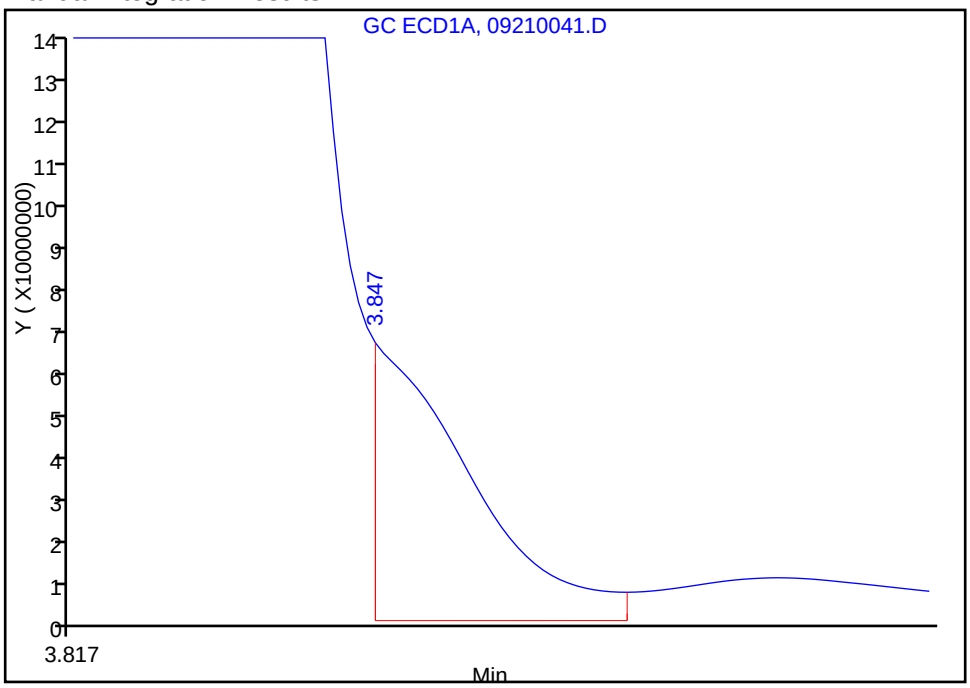
Processing Integration Results

RT: 3.85
Response: 38510500
Amount: 11.184247



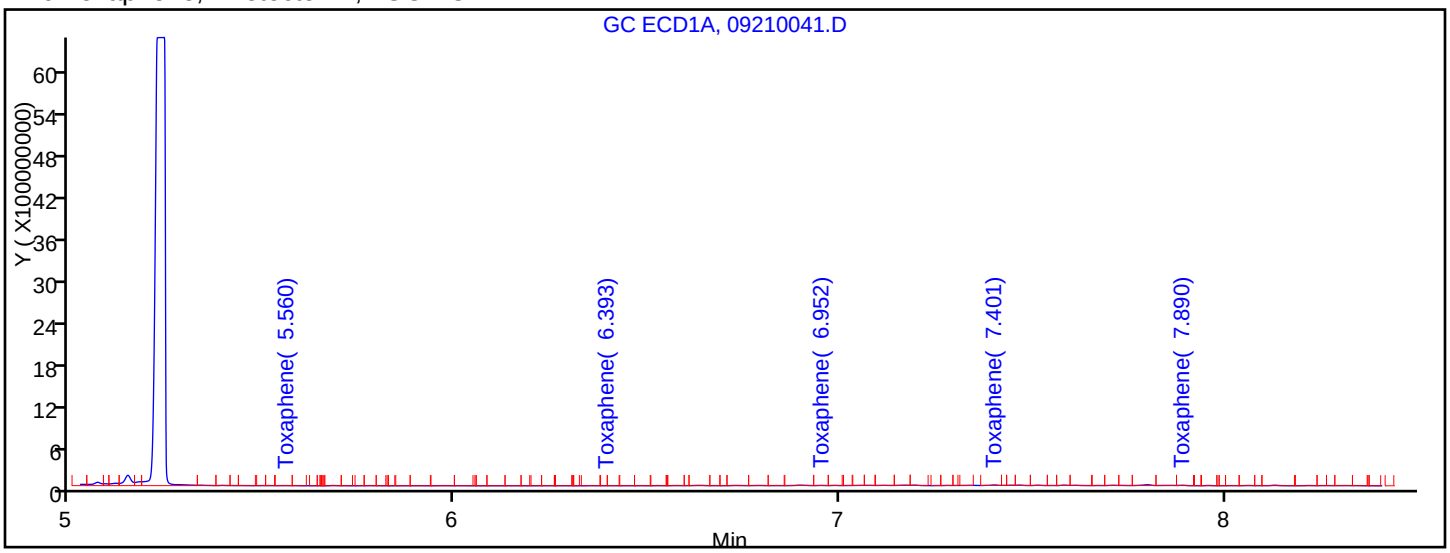
Manual Integration Results

RT: 3.85
Response: 39648548
Amount: 11.522718



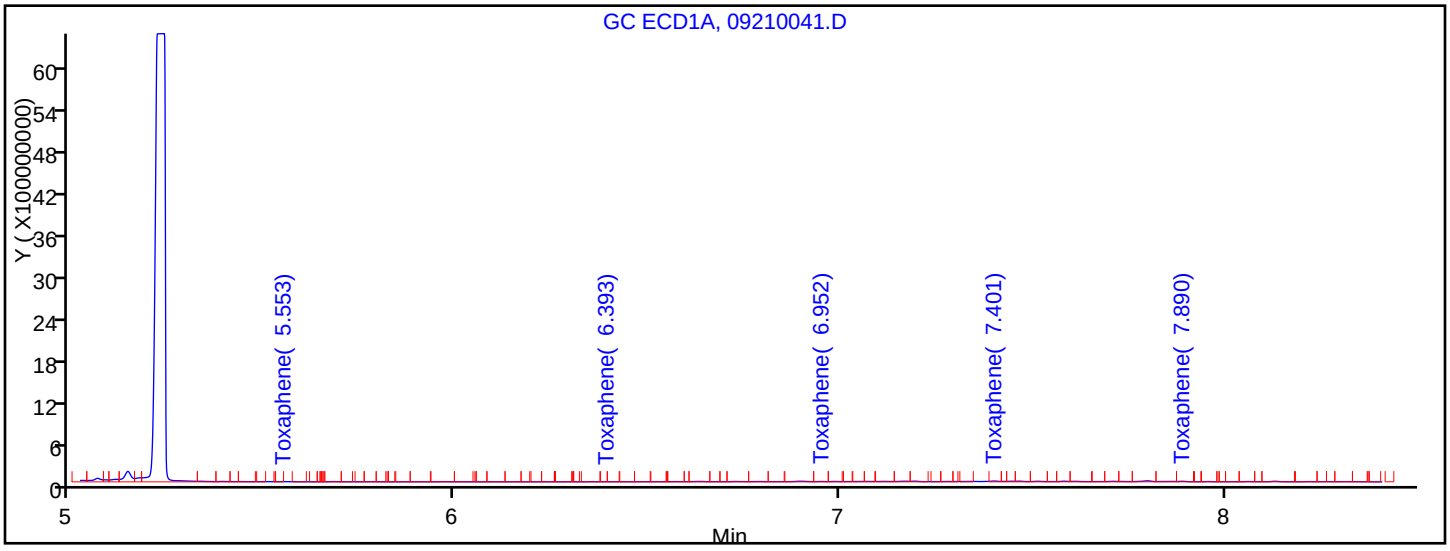
Reviewer: reamb, 22-Sep-2011 12:28:18
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

Report Date: 22-Sep-2011 15:25:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D
Injection Date: 22-Sep-2011 00:36:26 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 33
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.560	Response = 1065889	M
RT = 6.393	Response = 36747	M
RT = 6.952	Response = 2364360	M
RT = 7.401	Response = 10973286	M
RT = 7.890	Response = 6311743	M



Manual Integration Results

RT = 5.553	Response = 3049228	M
RT = 6.393	Response = 1425393	M
RT = 6.952	Response = 8843858	M
RT = 7.401	Response = 16104112	M
RT = 7.890	Response = 11002586	M

Reviewer: reamb, 22-Sep-2011 12:28:18
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MS Lab Sample ID: 280-20042-2 MS

Matrix: Solid Lab File ID: 09210041.D

Analysis Method: 8081A Date Collected: 09/06/2011 14:00

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.5(g) Date Analyzed: 09/22/2011 00:36

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: 21.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	77		70-125
2051-24-3	DCB Decachlorobiphenyl	74		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D
Lims ID: 280-20042-A-2-D MS Client ID:
Inject. Date: 22-Sep-2011 00:36:26 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 280-984722,-TMS
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 35
Lims Batch ID: 87288 Lims Sample ID: 33
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:25:42 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 22-Sep-2011 12:28:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									M
1	100	3.847	3.850	-0.003	39648548	11.5			M
2	2	3.826	3.828	-0.002	14358469	15.5			
						RPD = 29.30			
20 Toxaphene									M
1	-65	5.553	5.545	0.008	3049228	311.5		100.0	M
1	-65	6.393	6.400	-0.007	1425393	10.6	493.4- 533.4	46.7	M
1	-65	6.952	6.957	-0.005	8843858	172.0	473.2- 513.2	290.0	M
1	-65	7.401	7.402	-0.001	16104112	151.8	1037.7-1077.7	528.1	M
1	-65	7.890	7.890	0.000	11002586	264.2	435.6- 475.6	360.8	M
			Average of Peak Amounts =			182.0			
2	6	5.476	5.457	0.019	4344040	1593.8		100.0	M
2	7	6.216	6.217	-0.001	3069432	324.6	273.5- 333.5	70.7	M
2	8	6.911	6.908	0.003	3942573	230.0	555.4- 615.4	90.8	M
2	9	7.471	7.471	0.000	8351380	268.7	1046.7-1106.7	192.2	M
2	10	8.040	8.042	-0.002	4544175	348.4	456.6- 516.6	104.6	M
			Average of Peak Amounts =			553.1			
						RPD = 100.95			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	35382328	16.0			
2	2	9.369	9.370	-0.001	9761509	14.9			
						RPD = 7.59			

QC Flag Legend

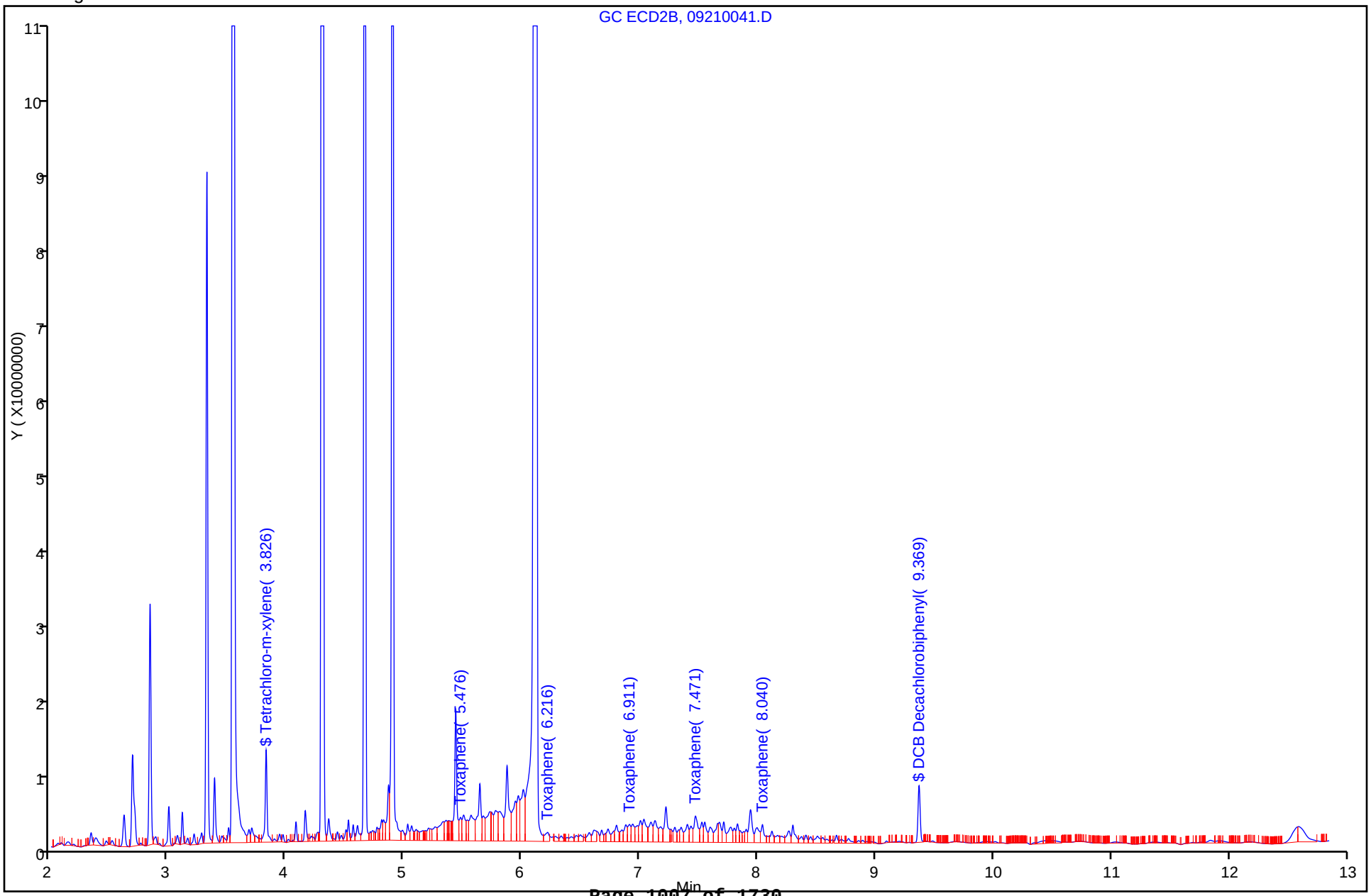
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:25:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D

Injection Date:	22-Sep-2011 00:36:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	33
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



Report Date: 22-Sep-2011 15:25:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Manual Integration/User Assign Peak Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D		
Injection Date:	22-Sep-2011 00:36:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	33
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

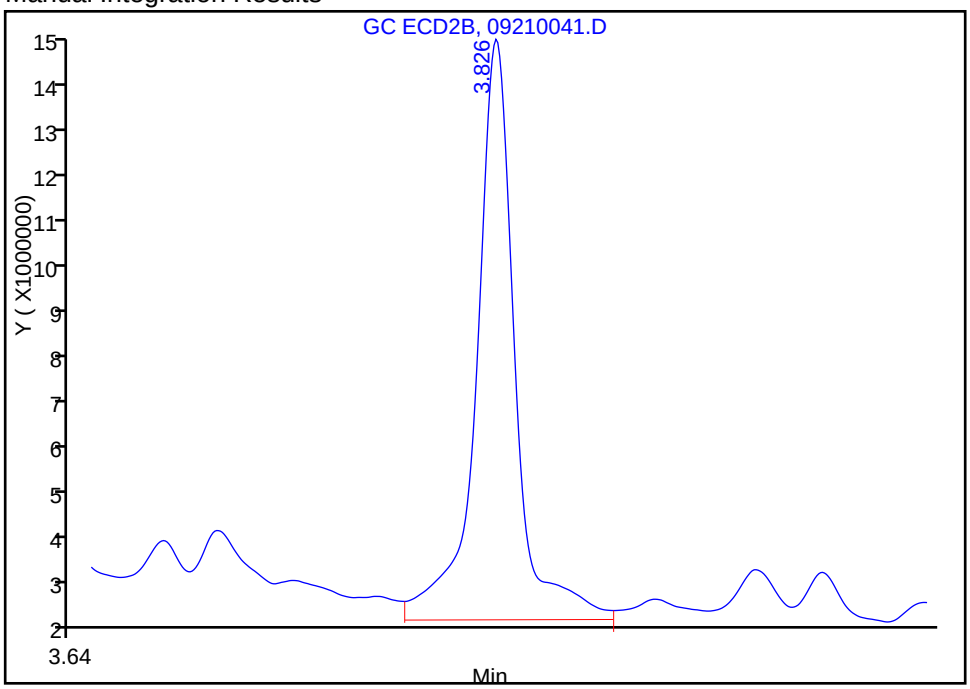
$ 7 Tetrachloro-m-xylene, Signal: 2, Type: quant, RT: 3.83, Det: GC ECD2B

Processing Integration Results

RT: 0.00
Response: 0
Amount: 0

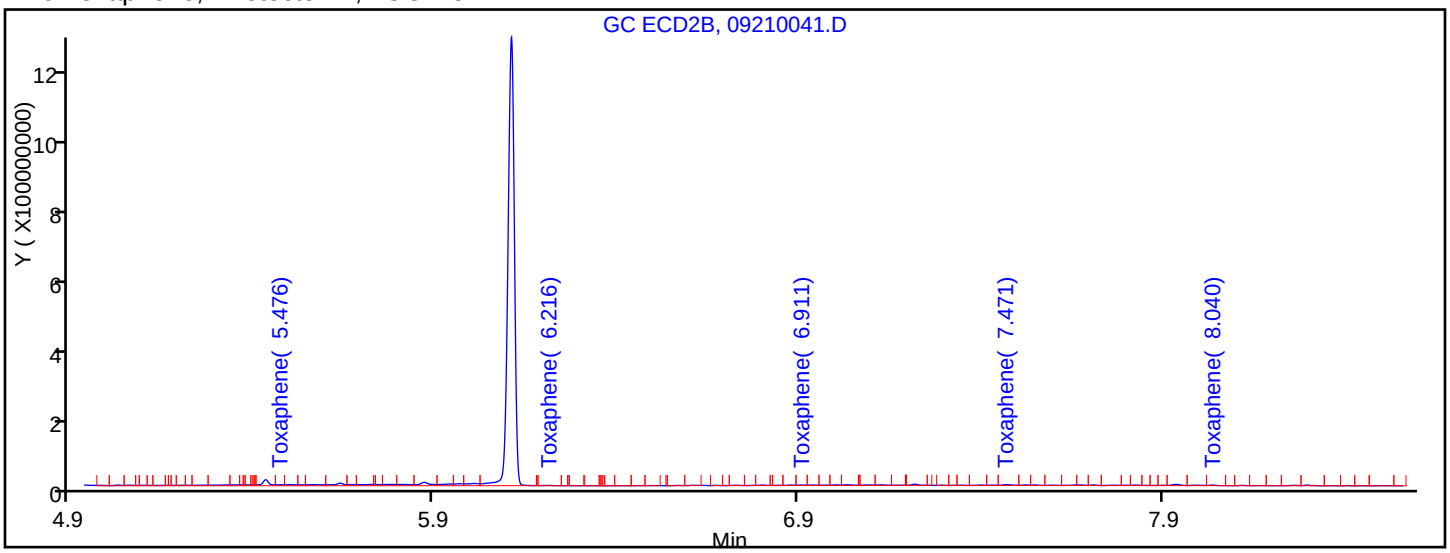
Manual Integration Results

RT: 3.83
Response: 14358469
Amount: 15.477853



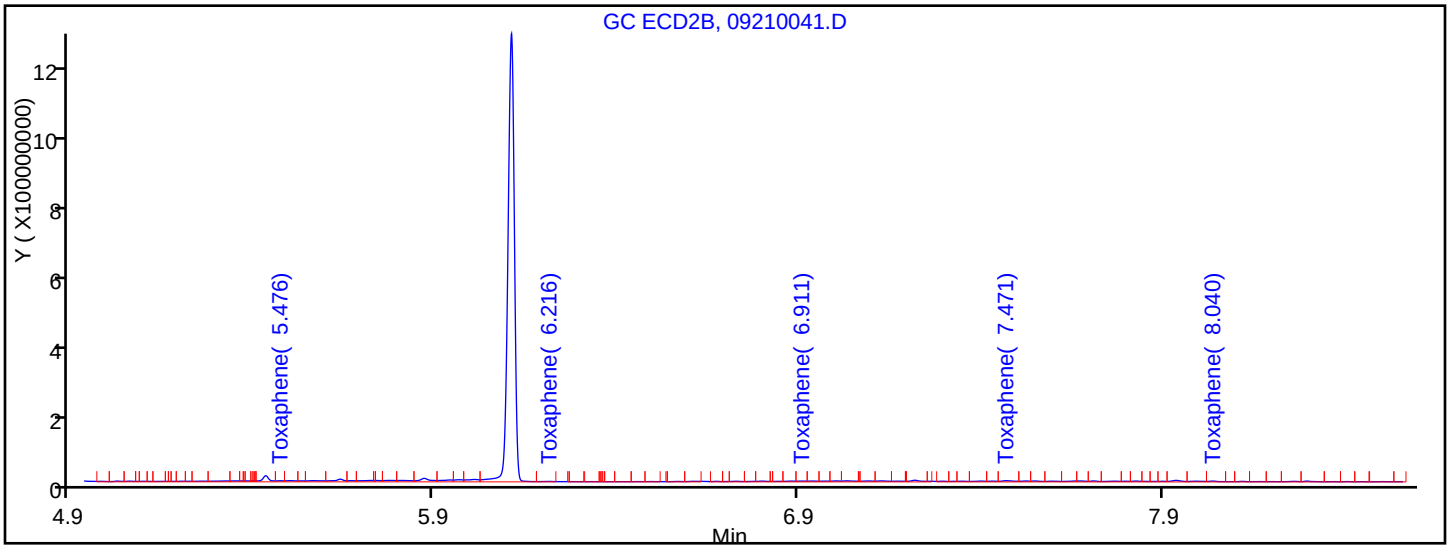
Reviewer: reamb, 22-Sep-2011 12:28:18
Audit Action: Assigned Compound ID
Audit Reason: Split Peak

Report Date: 22-Sep-2011 15:25:58 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210041.D
Injection Date: 22-Sep-2011 00:36:26 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 33
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 5.476	Response = 3993745	M
RT = 6.216	Response = 1402102	M
RT = 6.911	Response = 1919356	M
RT = 7.471	Response = 4167733	M
RT = 8.040	Response = 1975857	M



Manual Integration Results

RT = 5.476	Response = 4344040	M
RT = 6.216	Response = 3069432	M
RT = 6.911	Response = 3942573	M
RT = 7.471	Response = 8351380	M
RT = 8.040	Response = 4544175	M

Reviewer: reamb, 22-Sep-2011 12:28:18
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MSD | Lab Sample ID: 280-20042-1 MSD

Matrix: Solid | Lab File ID: 09210051.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.8(g) | Date Analyzed: 09/22/2011 03:21

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	9.02	Q J	2.1	0.85	0.67
72-55-9	4,4'-DDE	8.53	Q J	2.1	0.57	0.29
50-29-3	4,4'-DDT	8.24	Q J	2.5	0.85	0.73
309-00-2	Aldrin	10.5	Q	2.1	0.57	0.31
319-84-6	alpha-BHC	11.1	Q J	2.1	0.57	0.26
319-85-7	beta-BHC	11.9	Q J	2.1	0.85	0.82
319-86-8	delta-BHC	10.3	Q J	2.1	0.85	0.49
58-89-9	gamma-BHC (Lindane)	11.1	Q J	2.1	0.85	0.57
76-44-8	Heptachlor	11.4	Q	2.1	0.57	0.26
1024-57-3	Heptachlor epoxide	11.6	Q J	2.1	0.85	0.52
33213-65-9	Endosulfan II	11.0	Q J	2.1	0.57	0.35
1031-07-8	Endosulfan sulfate	11.6	Q J	2.1	0.57	0.34
72-20-8	Endrin	12.3	Q J	2.1	0.57	0.38
7421-93-4	Endrin aldehyde	11.6	Q J	2.1	0.57	0.21
53494-70-5	Endrin ketone	12.4	Q J	2.1	0.85	0.60
5103-74-2	gamma-Chlordane	10.5	Q J	2.1	0.85	0.33
72-43-5	Methoxychlor	11.5	Q	4.1	0.85	0.55
5103-71-9	alpha-Chlordane	10.4	Q J	2.1	0.57	0.40
60-57-1	Dieldrin	13.9	Q	2.1	0.57	0.26

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	45	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	142	Q	55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210051.D
Lims ID: 280-20042-A-1-E MSD Client ID:
Inject. Date: 22-Sep-2011 03:21:26 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 280-984720,-1MSD
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 45
Lims Batch ID: 87288 Lims Sample ID: 43
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	31229000	9.02			
2	2	3.828	3.828	0.000	11522332	12.3			
						RPD = 30.95			
10 alpha-BHC									
1	-65	4.427	4.427	0.000	145771907	27.1			
2	2	4.449	4.449	0.000	37200308	27.4			
						RPD = 1.29			
11 gamma-BHC (Lindane)									
1	-65	4.716	4.715	0.001	130150850	27.0			
2	2	4.761	4.760	0.001	31703436	26.2			
						RPD = 3.24			
12 beta-BHC									
1	100	4.792	4.792	0.000	56153246	29.1			
2	2	4.833	4.833	0.000	13365244	25.7			
						RPD = 12.44			
13 delta-BHC									
1	100	4.940	4.940	0.000	121302129	25.2			
2	2	5.066	5.066	0.000	29396248	24.5			
						RPD = 3.15			
15 Heptachlor									
1	100	5.114	5.114	0.000	126566054	27.8			
2	2	5.114	5.114	0.000	29196309	25.7			
						RPD = 8.14			
16 Aldrin									
1	-65	5.376	5.376	0.000	112602268	25.7			
2	2	5.389	5.389	0.000	33599127	29.6			
						RPD = 13.87			
22 Heptachlor epoxide									
1	-65	5.971	5.970	0.001	110395660	28.3			
2	2	5.943	5.943	0.000	29894265	28.8			
						RPD = 1.81			

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
23 gamma-Chlordane									
1	-65	6.106	6.106	0.000	108282972	25.7			
2	2	6.146	6.146	0.000	26955002	24.6			
						RPD = 4.49			
24 alpha-Chlordane									
1	-65	6.247	6.247	0.000	101654985	25.4			
2	2	6.298	6.299	-0.001	26535050	25.1			
						RPD = 1.16			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	83563193	20.8			
2	2	6.473	6.474	-0.001	25971320	24.0			
						RPD = 14.14			
26 Endosulfan I									
1	100	6.389	6.389	0.000	90158877	25.0			
2	2	6.355	6.355	0.000	23508972	23.6			
						RPD = 5.47			
28 Dieldrin									
1	100	6.633	6.633	0.000	121914831	34.0			
2	2	6.635	6.635	0.000	30196104	28.9			
						RPD = 16.15			
30 Endrin									
1	-65	6.866	6.865	0.001	99030395	30.1			
2	2	6.936	6.936	0.000	32402558	36.8			
						RPD = 20.16			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	72659515	22.0			
2	2	7.046	7.047	-0.001	27667133	31.3			
						RPD = 34.78			
34 Endosulfan II									
1	100	7.085	7.084	0.001	87556596	26.9			
2	2	7.141	7.140	0.001	31435610	35.4			
						RPD = 27.30			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	67438818	20.1			
2	2	7.348	7.347	0.001	18909755	22.7			
						RPD = 12.11			
36 Endrin aldehyde									
1	-65	7.486	7.485	0.001	70465786	28.4			
2	2	7.462	7.462	0.000	18179799	24.8			
						RPD = 13.49			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	45431208	28.1			
2	2	7.984	7.984	0.000	9067720	21.4			
						RPD = 27.08			
39 Endosulfan sulfate									
1	-65	7.892	7.891	0.001	84151248	28.3			
2	2	7.720	7.720	0.000	23403802	29.6			
						RPD = 4.71			

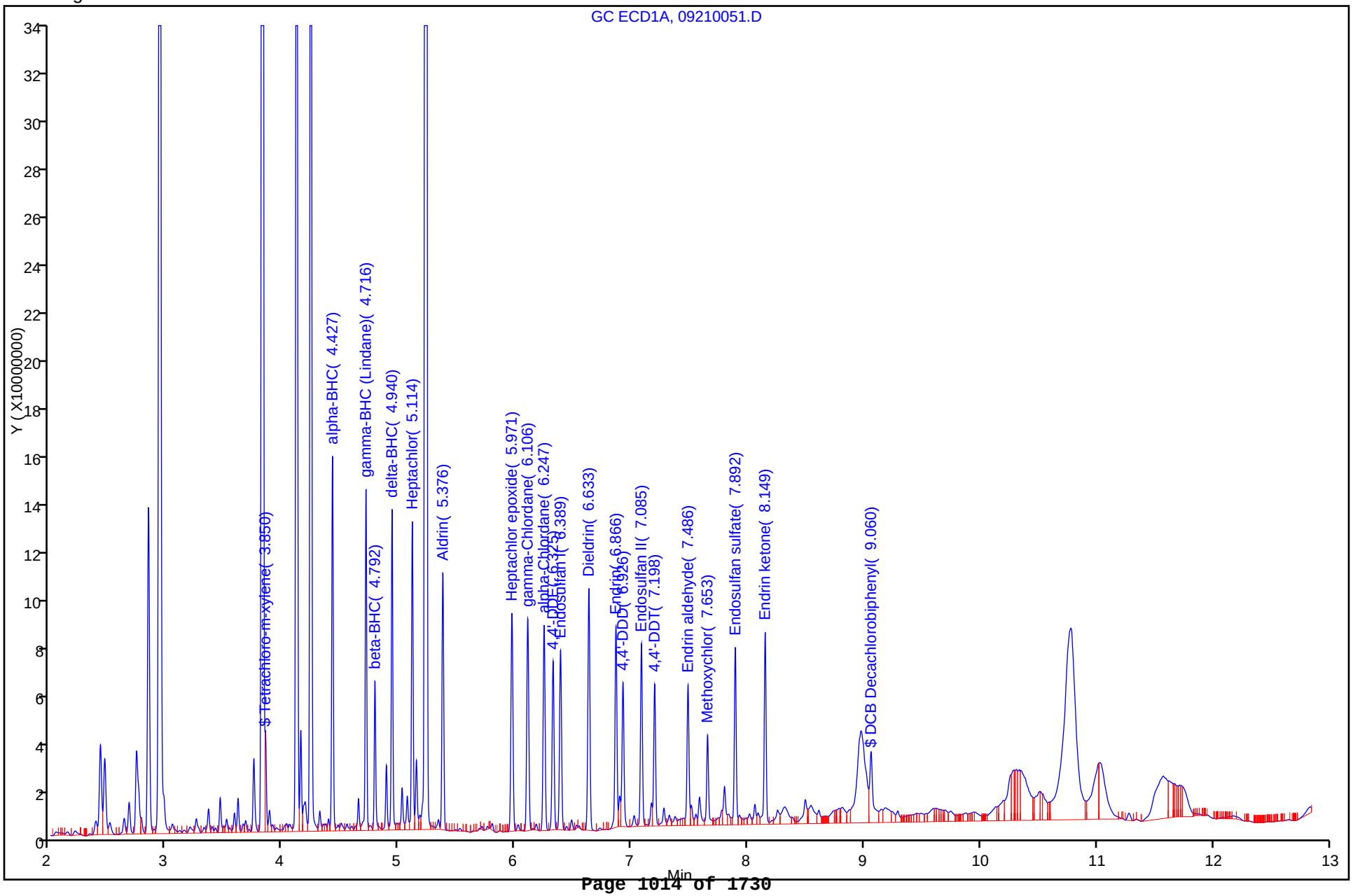
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.149	8.149	0.000	94652973	30.3			
2	2	8.206	8.206	0.000	23473004	25.6			
						RPD = 16.97			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	61449317	28.4			
2	2	9.370	9.370	0.000	8488490	12.8			
						RPD = 75.91			

Report Date: 22-Sep-2011 15:26:21 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210051.D

Injection Date:	22-Sep-2011 03:21:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	43
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA MSD | Lab Sample ID: 280-20042-1 MSD

Matrix: Solid | Lab File ID: 09210051.D

Analysis Method: 8081A | Date Collected: 09/06/2011 13:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.8(g) | Date Analyzed: 09/22/2011 03:21

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.3 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
959-98-8	Endosulfan I	9.68	Q	2.1	0.57	0.22

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	62	Q	70-125
2051-24-3	DCB Decachlorobiphenyl	64		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210051.D
Lims ID: 280-20042-A-1-E MSD Client ID:
Inject. Date: 22-Sep-2011 03:21:26 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 280-984720,-1MSD
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 45
Lims Batch ID: 87288 Lims Sample ID: 43
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:26:14 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	31229000	9.02			
2	2	3.828	3.828	0.000	11522332	12.3			
						RPD = 30.95			
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						RPD = 12.44			
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Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
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						RPD = 4.49			
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						RPD = 1.16			
25 4,4'-DDE									
1	-65	6.325	6.325	0.000	83563193	20.8			
2	2	6.473	6.474	-0.001	25971320	24.0			
						RPD = 14.14			
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1	100	6.389	6.389	0.000	90158877	25.0			
2	2	6.355	6.355	0.000	23508972	23.6			
						RPD = 5.47			
28 Dieldrin									
1	100	6.633	6.633	0.000	121914831	34.0			
2	2	6.635	6.635	0.000	30196104	28.9			
						RPD = 16.15			
30 Endrin									
1	-65	6.866	6.865	0.001	99030395	30.1			
2	2	6.936	6.936	0.000	32402558	36.8			
						RPD = 20.16			
32 4,4'-DDD									
1	100	6.926	6.926	0.000	72659515	22.0			
2	2	7.046	7.047	-0.001	27667133	31.3			
						RPD = 34.78			
34 Endosulfan II									
1	100	7.085	7.084	0.001	87556596	26.9			
2	2	7.141	7.140	0.001	31435610	35.4			
						RPD = 27.30			
35 4,4'-DDT									
1	-65	7.198	7.198	0.000	67438818	20.1			
2	2	7.348	7.347	0.001	18909755	22.7			
						RPD = 12.11			
36 Endrin aldehyde									
1	-65	7.486	7.485	0.001	70465786	28.4			
2	2	7.462	7.462	0.000	18179799	24.8			
						RPD = 13.49			
37 Methoxychlor									
1	-65	7.653	7.654	-0.001	45431208	28.1			
2	2	7.984	7.984	0.000	9067720	21.4			
						RPD = 27.08			
39 Endosulfan sulfate									
1	-65	7.892	7.891	0.001	84151248	28.3			
2	2	7.720	7.720	0.000	23403802	29.6			
						RPD = 4.71			

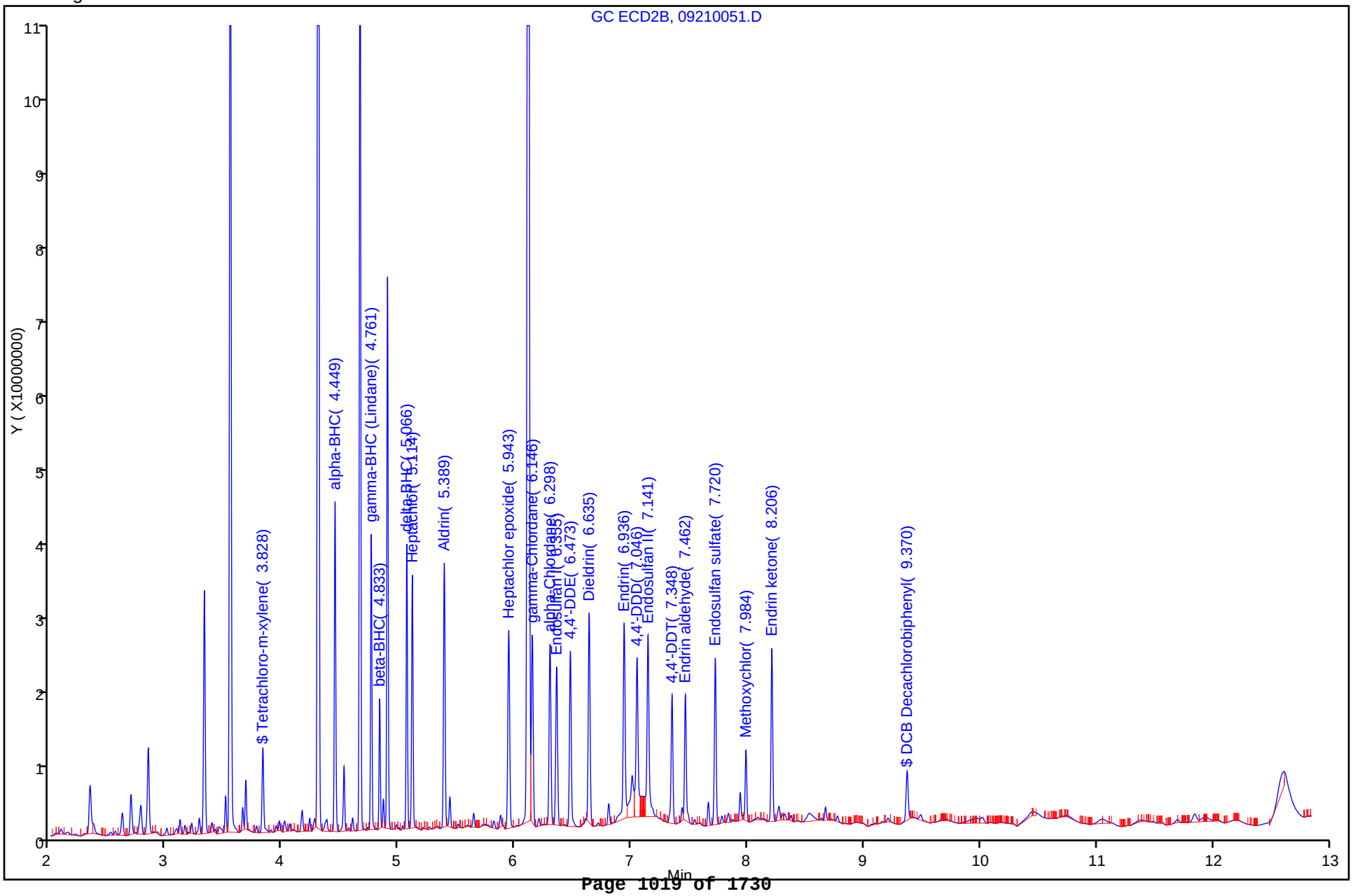
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
40 Endrin ketone									
1	-65	8.149	8.149	0.000	94652973	30.3			
2	2	8.206	8.206	0.000	23473004	25.6			
						RPD = 16.97			
$ 41 DCB Decachlorobiphenyl									
1	1	9.060	9.060	0.000	61449317	28.4			
2	2	9.370	9.370	0.000	8488490	12.8			
						RPD = 75.91			

Report Date: 22-Sep-2011 15:26:22 Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210051.D

Injection Date:	22-Sep-2011 03:21:26	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	43
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD | Lab Sample ID: 280-20042-2 MSD

Matrix: Solid | Lab File ID: 09210042.D

Analysis Method: 8081A | Date Collected: 09/06/2011 14:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.6(g) | Date Analyzed: 09/22/2011 00:52

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
8001-35-2	Toxaphene	92.3	J Q	200	32	19

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	35	*Q*	70-125
2051-24-3	DCB Decachlorobiphenyl	86		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D		
Lims ID:	280-20042-A-2-E MSD	Client ID:	
Inject. Date:	22-Sep-2011 00:52:54	Dil. Factor:	1.0000
Sample Type:	MSD		
Sample ID:	280-984723,-TMSD		
Misc. Info.:			
Operator:	BR	Instrument ID:	CHGCS_P2
Vol. Injected:	1.0000	ALS Bottle#:	36
Lims Batch ID:	87288	Lims Sample ID:	34
Detector 1 :	GC ECD1A		
Detector 2 :	GC ECD2B		
Method:	\\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m		
Last Update:	22-Sep-2011 15:25:42	Calib Date:	31-Aug-2011 21:35:05
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D		
Limit Group:	GCSV - 8081A		
Integrator:	Falcon		
Process Host:	DENPC252		

First Level Reviewer: reamb Date: 22-Sep-2011 12:31:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	24182543	6.92			
2	2	3.827	3.828	-0.001	17517999	19.0			
						RPD = 93.16			
20 Toxaphene									M
1	-65	5.545	5.545	0.000	4773861	505.9		100.0	M
1	-65	6.400	6.400	0.000	2904604	43.4	493.4- 533.4	60.8	M
1	-65	6.951	6.957	-0.006	10417406	206.7	473.2- 513.2	218.2	M
1	-65	7.401	7.402	-0.001	15836662	149.1	1037.7-1077.7	331.7	M
1	-65	7.890	7.890	0.000	11275713	270.4	435.6- 475.6	236.2	M
			Average of Peak Amounts =			235.1			
2	6	0.0	5.457	-5.457	0	0		100.0	
2	7	6.214	6.217	-0.003	1529085	135.0	273.5- 333.5		M
2	8	6.910	6.908	0.002	1796052	93.3	555.4- 615.4		M
2	9	7.470	7.471	-0.001	8415768	270.9	1046.7-1106.7		M
2	10	8.040	8.042	-0.002	3970699	304.6	456.6- 516.6		M
			Average of Peak Amounts =			201.0			
						RPD = 15.65			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	37580115	17.1			
2	2	9.369	9.370	-0.001	12518395	19.4			
						RPD = 12.55			

QC Flag Legend

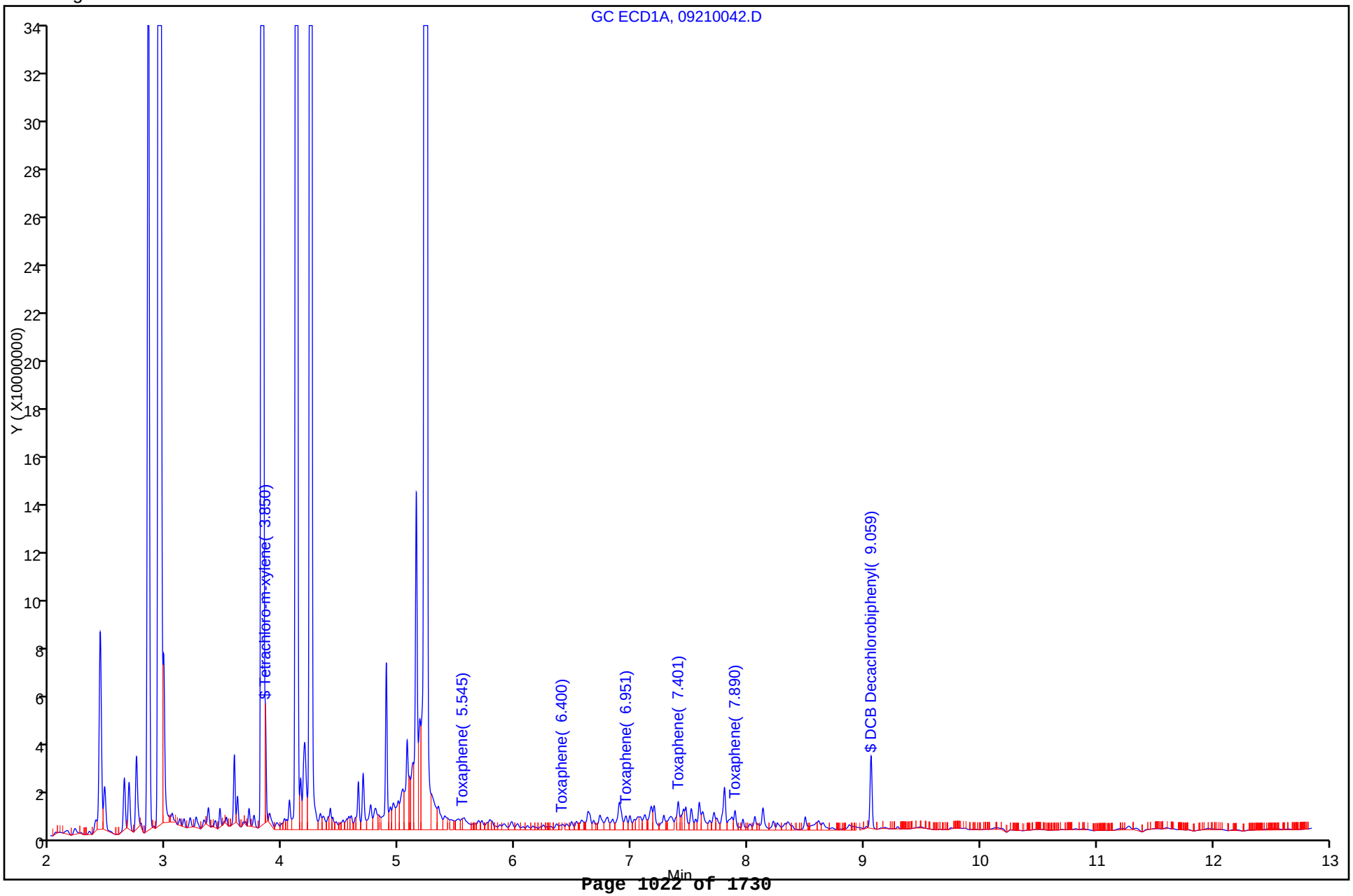
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:26:00 Chrom Revision: 1.2 13-Jul-2011 10:43:06

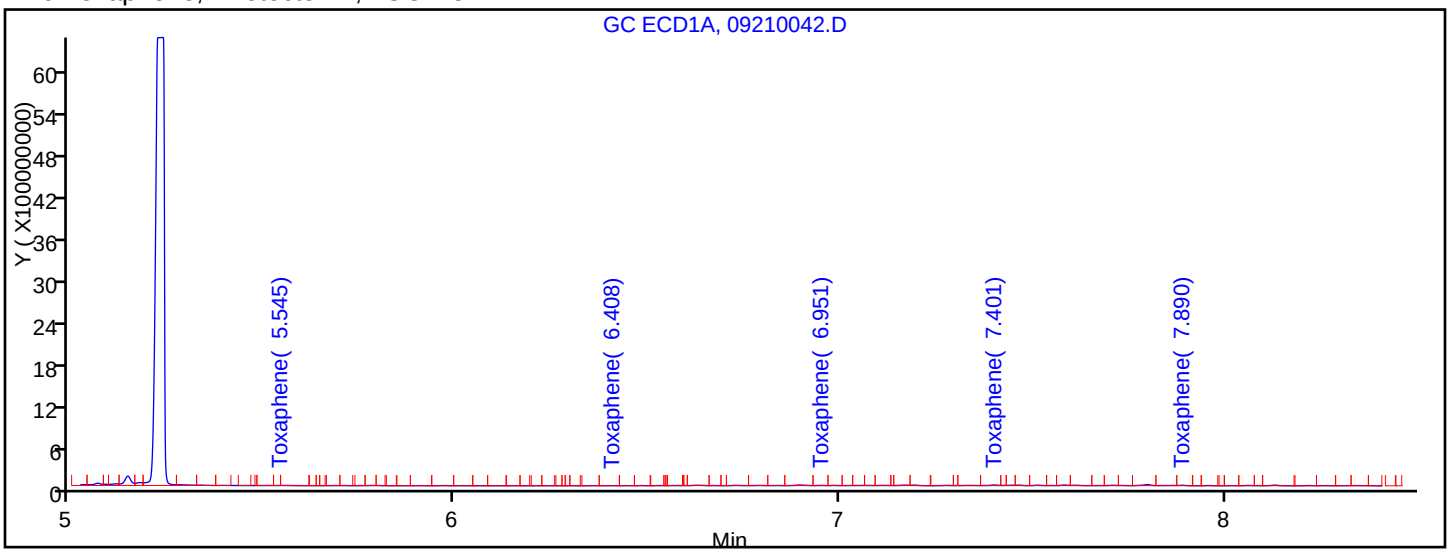
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D

Injection Date:	22-Sep-2011 00:52:54	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	34
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP1	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

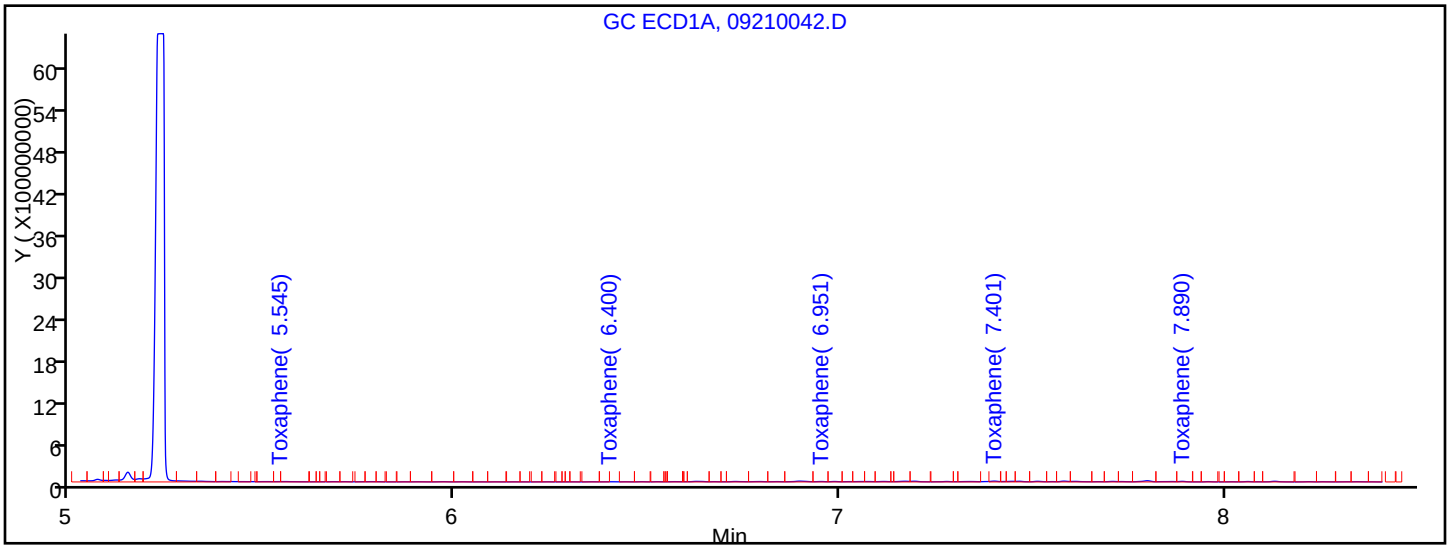


Report Date: 22-Sep-2011 15:26:01 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D
Injection Date: 22-Sep-2011 00:52:54 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 34
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP1 Column Dia: 0.32 mm
20 Toxaphene, Detector: 1, GC ECD1A



Processing Integration Results

RT = 5.545	Response = 778667	M
RT = 6.408	Response = 1196545	M
RT = 6.951	Response = 4093869	M
RT = 7.401	Response = 14530854	M
RT = 7.890	Response = 7438200	M



Manual Integration Results

RT = 5.545	Response = 4773861	M
RT = 6.400	Response = 2904604	M
RT = 6.951	Response = 10417406	M
RT = 7.401	Response = 15836662	M
RT = 7.890	Response = 11275713	M

Reviewer: reamb, 22-Sep-2011 12:31:19
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA MSD Lab Sample ID: 280-20042-2 MSD

Matrix: Solid Lab File ID: 09210042.D

Analysis Method: 8081A Date Collected: 09/06/2011 14:00

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.6(g) Date Analyzed: 09/22/2011 00:52

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: 21.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87288 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
877-09-8	Tetrachloro-m-xylene	95		70-125
2051-24-3	DCB Decachlorobiphenyl	97		55-130

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D
Lims ID: 280-20042-A-2-E MSD Client ID:
Inject. Date: 22-Sep-2011 00:52:54 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 280-984723,-TMSD
Misc. Info.:
Operator: BR Instrument ID: CHGCS_P2
Vol. Injected: 1.0000 ALS Bottle#: 36
Lims Batch ID: 87288 Lims Sample ID: 34
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\OCP_CHP2.m
Last Update: 22-Sep-2011 15:25:42 Calib Date: 31-Aug-2011 21:35:05
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\denchrom\ChromData\CHGCS_P2\20110831-2421.b\08310035.D
Limit Group: GCSV - 8081A
Integrator: Falcon
Process Host: DENPC252

First Level Reviewer: reamb Date: 22-Sep-2011 12:31:19

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/mL	Ratio Range	Ratio	Flags
$ 7 Tetrachloro-m-xylene									
1	100	3.850	3.850	0.000	24182543	6.92			
2	2	3.827	3.828	-0.001	17517999	19.0			
						RPD = 93.16			
20 Toxaphene									M
1	-65	5.545	5.545	0.000	4773861	505.9		100.0	M
1	-65	6.400	6.400	0.000	2904604	43.4	493.4- 533.4	60.8	M
1	-65	6.951	6.957	-0.006	10417406	206.7	473.2- 513.2	218.2	M
1	-65	7.401	7.402	-0.001	15836662	149.1	1037.7-1077.7	331.7	M
1	-65	7.890	7.890	0.000	11275713	270.4	435.6- 475.6	236.2	M
			Average of Peak Amounts =			235.1			
2	6	0.0	5.457	-5.457	0	0		100.0	
2	7	6.214	6.217	-0.003	1529085	135.0	273.5- 333.5		M
2	8	6.910	6.908	0.002	1796052	93.3	555.4- 615.4		M
2	9	7.470	7.471	-0.001	8415768	270.9	1046.7-1106.7		M
2	10	8.040	8.042	-0.002	3970699	304.6	456.6- 516.6		M
			Average of Peak Amounts =			201.0			
						RPD = 15.65			
$ 41 DCB Decachlorobiphenyl									
1	1	9.059	9.060	-0.001	37580115	17.1			
2	2	9.369	9.370	-0.001	12518395	19.4			
						RPD = 12.55			

QC Flag Legend

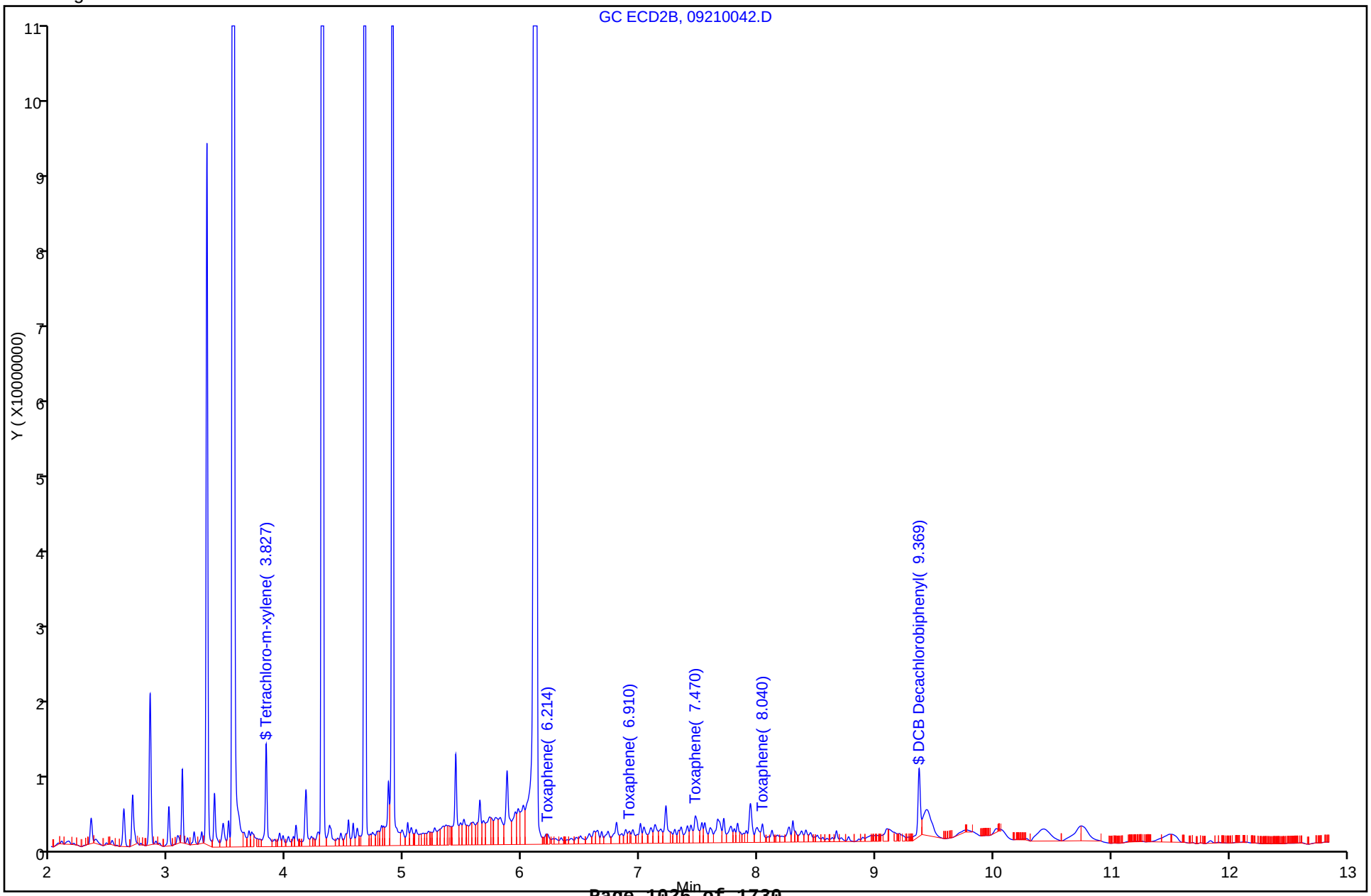
Review Flags
M - Manually Integrated

Report Date: 22-Sep-2011 15:26:01 Chrom Revision: 1.2 13-Jul-2011 10:43:06

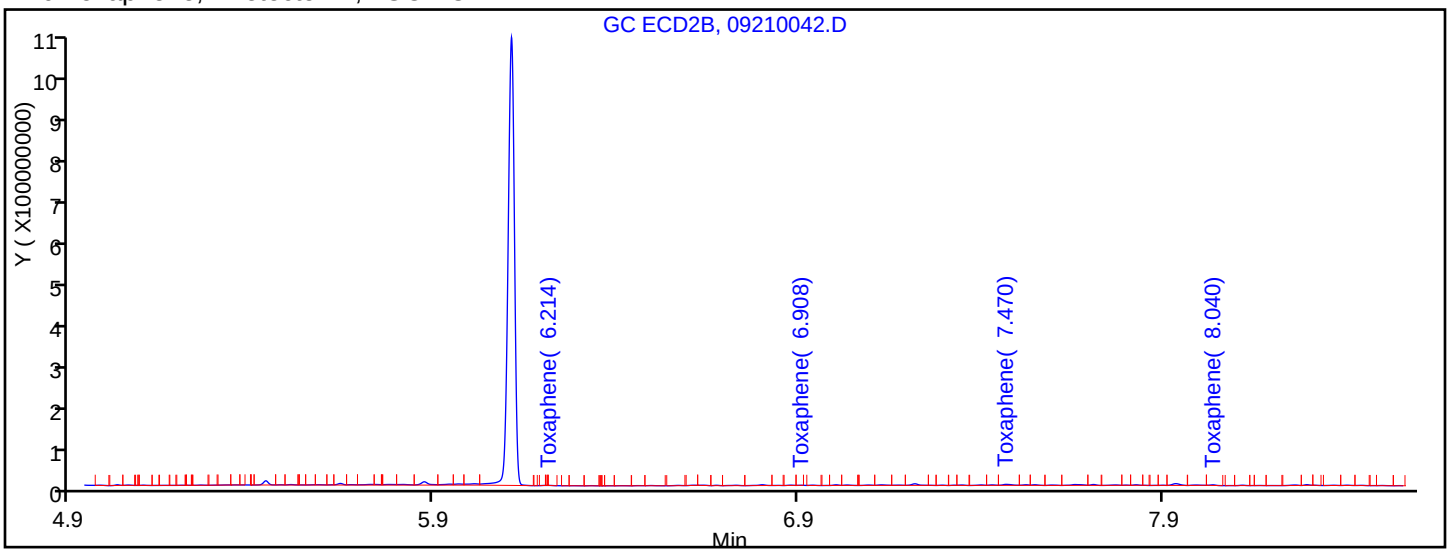
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D

Injection Date:	22-Sep-2011 00:52:54	Limit Group:	GCSV - 8081A
Client ID:		Instrument ID:	CHGCS_P2
Lims Batch ID:	87288	Lims Sample ID:	34
Operator ID:	BR	Injection Vol:	1.00 ul
Column Type:	CLP2	Column Dia:	0.32 mm

Y Scaling: Method Defined: Set to Absolute Y Value

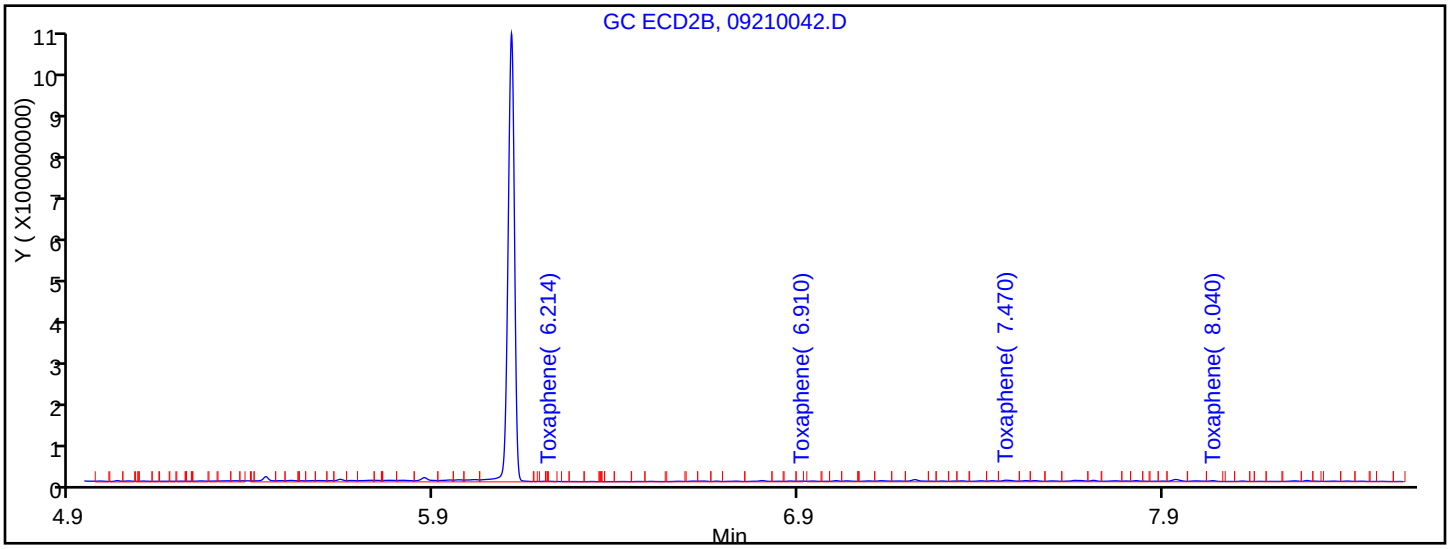


Report Date: 22-Sep-2011 15:26:01 Chrom Revision: 1.2 13-Jul-2011 10:43:06
Data File: \\denchrom\ChromData\CHGCS_P2\20110922-2516.b\09210042.D
Injection Date: 22-Sep-2011 00:52:54 Limit Group: GCSV - 8081A
Client ID: Instrument ID: CHGCS_P2
Lims Batch ID: 87288 Lims Sample ID: 34
Operator ID: BR Injection Vol: 1.00 ul
Column Type: CLP2 Column Dia: 0.32 mm
20 Toxaphene, Detector: 2, GC ECD2B



Processing Integration Results

RT = 0.000	Response = 0	
RT = 6.214	Response = 103750	M
RT = 6.908	Response = 133273	M
RT = 7.470	Response = 3906445	M
RT = 8.040	Response = 1374056	M



Manual Integration Results

RT = 0.000	Response = 0	
RT = 6.214	Response = 1529085	M
RT = 6.910	Response = 1796052	M
RT = 7.470	Response = 8415768	M
RT = 8.040	Response = 3970699	M

Reviewer: reamb, 22-Sep-2011 12:31:19
Audit Action: Assigned New Baseline
Audit Reason: Baseline Smoothing

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Start Date: 08/31/2011 13:52

Analysis Batch Number: 83947 End Date: 08/31/2011 21:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 280-83947/1		08/31/2011 13:52	1		CLP1 0.32(mm)
PEM 280-83947/1		08/31/2011 13:52	1		CLP2 0.32(mm)
STD6 280-83947/2 IC		08/31/2011 14:42	1		CLP1 0.32(mm)
STD6 280-83947/2 IC		08/31/2011 14:42	1		CLP2 0.32(mm)
STD5 280-83947/3 IC		08/31/2011 14:58	1		CLP1 0.32(mm)
STD5 280-83947/3 IC		08/31/2011 14:58	1		CLP2 0.32(mm)
STD4 280-83947/4 IC		08/31/2011 15:15	1		CLP1 0.32(mm)
STD4 280-83947/4 IC		08/31/2011 15:15	1		CLP2 0.32(mm)
STD3 280-83947/5 IC		08/31/2011 15:31	1		CLP1 0.32(mm)
STD3 280-83947/5 IC		08/31/2011 15:31	1		CLP2 0.32(mm)
STD2 280-83947/6 IC		08/31/2011 15:48	1		CLP1 0.32(mm)
STD2 280-83947/6 IC		08/31/2011 15:48	1		CLP2 0.32(mm)
STD1 280-83947/7 IC		08/31/2011 16:04	1		CLP1 0.32(mm)
STD1 280-83947/7 IC		08/31/2011 16:04	1		CLP2 0.32(mm)
ICV 280-83947/8		08/31/2011 16:21	1		CLP1 0.32(mm)
ICV 280-83947/8		08/31/2011 16:21	1		CLP2 0.32(mm)
STD6 280-83947/9 IC		08/31/2011 16:37	1	08310017.D	CLP1 0.32(mm)
STD6 280-83947/9 IC		08/31/2011 16:37	1	08310017.D	CLP2 0.32(mm)
STD5 280-83947/10 IC		08/31/2011 16:54	1	08310018.D	CLP1 0.32(mm)
STD5 280-83947/10 IC		08/31/2011 16:54	1	08310018.D	CLP2 0.32(mm)
STD4 280-83947/11 IC		08/31/2011 17:10	1	08310019.D	CLP1 0.32(mm)
STD4 280-83947/11 IC		08/31/2011 17:10	1	08310019.D	CLP2 0.32(mm)
STD3 280-83947/12 IC		08/31/2011 17:27	1	08310020.D	CLP1 0.32(mm)
STD3 280-83947/12 IC		08/31/2011 17:27	1	08310020.D	CLP2 0.32(mm)
STD2 280-83947/13 IC		08/31/2011 17:44	1	08310021.D	CLP1 0.32(mm)
STD2 280-83947/13 IC		08/31/2011 17:44	1	08310021.D	CLP2 0.32(mm)
STD1 280-83947/14 IC		08/31/2011 18:00	1	08310022.D	CLP1 0.32(mm)
STD1 280-83947/14 IC		08/31/2011 18:00	1	08310022.D	CLP2 0.32(mm)
ICV 280-83947/15		08/31/2011 18:17	1	08310023.D	CLP1 0.32(mm)
ICV 280-83947/15		08/31/2011 18:17	1	08310023.D	CLP2 0.32(mm)
STD6 280-83947/16 IC		08/31/2011 18:33	1	08310024.D	CLP1 0.32(mm)
STD6 280-83947/16 IC		08/31/2011 18:33	1	08310024.D	CLP2 0.32(mm)
STD5 280-83947/17 IC		08/31/2011 18:50	1	08310025.D	CLP1 0.32(mm)
STD5 280-83947/17 IC		08/31/2011 18:50	1	08310025.D	CLP2 0.32(mm)
STD4 280-83947/18 IC		08/31/2011 19:06	1	08310026.D	CLP1 0.32(mm)
STD4 280-83947/18 IC		08/31/2011 19:06	1	08310026.D	CLP2 0.32(mm)
STD3 280-83947/19 IC		08/31/2011 19:23	1	08310027.D	CLP1 0.32(mm)
STD3 280-83947/19 IC		08/31/2011 19:23	1	08310027.D	CLP2 0.32(mm)
STD2 280-83947/20 IC		08/31/2011 19:39	1	08310028.D	CLP1 0.32(mm)
STD2 280-83947/20 IC		08/31/2011 19:39	1	08310028.D	CLP2 0.32(mm)
STD1 280-83947/21 IC		08/31/2011 19:56	1	08310029.D	CLP1 0.32(mm)
STD1 280-83947/21 IC		08/31/2011 19:56	1	08310029.D	CLP2 0.32(mm)
ICV 280-83947/22		08/31/2011 20:12	1	08310030.D	CLP1 0.32(mm)
ICV 280-83947/22		08/31/2011 20:12	1		CLP2 0.32(mm)
STD5 280-83947/23 IC		08/31/2011 20:29	1		CLP1 0.32(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Start Date: 08/31/2011 13:52

Analysis Batch Number: 83947 End Date: 08/31/2011 21:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
STD5 280-83947/23 IC		08/31/2011 20:29	1		CLP2 0.32(mm)
STD4 280-83947/24 IC		08/31/2011 20:45	1		CLP1 0.32(mm)
STD4 280-83947/24 IC		08/31/2011 20:45	1		CLP2 0.32(mm)
STD3 280-83947/25 IC		08/31/2011 21:02	1		CLP1 0.32(mm)
STD3 280-83947/25 IC		08/31/2011 21:02	1		CLP2 0.32(mm)
STD2 280-83947/26 IC		08/31/2011 21:18	1		CLP1 0.32(mm)
STD2 280-83947/26 IC		08/31/2011 21:18	1		CLP2 0.32(mm)
STD1 280-83947/27 IC		08/31/2011 21:35	1		CLP1 0.32(mm)
STD1 280-83947/27 IC		08/31/2011 21:35	1		CLP2 0.32(mm)
ICV 280-83947/28		08/31/2011 21:51	1		CLP1 0.32(mm)
ICV 280-83947/28		08/31/2011 21:51	1		CLP2 0.32(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Start Date: 09/21/2011 15:16

Analysis Batch Number: 87288 End Date: 09/22/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PEM 280-87288/1		09/21/2011 15:16	1	09210007.D	CLP1 0.32(mm)
PEM 280-87288/1		09/21/2011 15:16	1	09210007.D	CLP2 0.32(mm)
CCVRT 280-87288/3		09/21/2011 16:22	1	09210011.D	CLP1 0.32(mm)
CCVRT 280-87288/3		09/21/2011 16:22	1	09210011.D	CLP2 0.32(mm)
CCV 280-87288/15		09/21/2011 19:40	1		CLP1 0.32(mm)
CCV 280-87288/15		09/21/2011 19:40	1		CLP2 0.32(mm)
CCV 280-87288/16		09/21/2011 19:56	1	09210024.D	CLP1 0.32(mm)
CCV 280-87288/16		09/21/2011 19:56	1	09210024.D	CLP2 0.32(mm)
CCV 280-87288/17		09/21/2011 20:13	1	09210025.D	CLP1 0.32(mm)
CCV 280-87288/17		09/21/2011 20:13	1		CLP2 0.32(mm)
LCS 280-86062/26-A		09/21/2011 21:51	1	09210031.D	CLP1 0.32(mm)
LCS 280-86062/26-A		09/21/2011 21:51	1	09210031.D	CLP2 0.32(mm)
LCS 280-86062/2-A		09/21/2011 22:08	1	09210032.D	CLP1 0.32(mm)
LCS 280-86062/2-A		09/21/2011 22:08	1	09210032.D	CLP2 0.32(mm)
280-20042-5	TMCSD0501FA	09/21/2011 22:24	1	09210033.D	CLP1 0.32(mm)
280-20042-5	TMCSD0501FA	09/21/2011 22:24	1	09210033.D	CLP2 0.32(mm)
280-20042-7	TMCSD0701FA	09/21/2011 22:41	1	09210034.D	CLP1 0.32(mm)
280-20042-7	TMCSD0701FA	09/21/2011 22:41	1	09210034.D	CLP2 0.32(mm)
MB 280-86062/1-A		09/21/2011 22:57	1	09210035.D	CLP1 0.32(mm)
MB 280-86062/1-A		09/21/2011 22:57	1	09210035.D	CLP2 0.32(mm)
CCV 280-87288/28		09/21/2011 23:14	1		CLP1 0.32(mm)
CCV 280-87288/28		09/21/2011 23:14	1		CLP2 0.32(mm)
CCV 280-87288/29		09/21/2011 23:30	1	09210037.D	CLP1 0.32(mm)
CCV 280-87288/29		09/21/2011 23:30	1	09210037.D	CLP2 0.32(mm)
CCV 280-87288/30		09/21/2011 23:47	1	09210038.D	CLP1 0.32(mm)
CCV 280-87288/30		09/21/2011 23:47	1		CLP2 0.32(mm)
280-20042-1 DL	TMCSD0101FA DL	09/22/2011 00:03	10	09210039.D	CLP1 0.32(mm)
280-20042-1 DL	TMCSD0101FA DL	09/22/2011 00:03	10	09210039.D	CLP2 0.32(mm)
280-20042-2	TMCSD0201FA	09/22/2011 00:19	1	09210040.D	CLP1 0.32(mm)
280-20042-2	TMCSD0201FA	09/22/2011 00:19	1	09210040.D	CLP2 0.32(mm)
280-20042-2 MS	TMCSD0201FA MS	09/22/2011 00:36	1	09210041.D	CLP1 0.32(mm)
280-20042-2 MS	TMCSD0201FA MS	09/22/2011 00:36	1	09210041.D	CLP2 0.32(mm)
280-20042-2 MSD	TMCSD0201FA MSD	09/22/2011 00:52	1	09210042.D	CLP1 0.32(mm)
280-20042-2 MSD	TMCSD0201FA MSD	09/22/2011 00:52	1	09210042.D	CLP2 0.32(mm)
280-20042-3	TMCSD0301FA	09/22/2011 01:09	1	09210043.D	CLP1 0.32(mm)
280-20042-3	TMCSD0301FA	09/22/2011 01:09	1	09210043.D	CLP2 0.32(mm)
280-20042-4	TMCSD0401FA	09/22/2011 01:25	1	09210044.D	CLP1 0.32(mm)
280-20042-4	TMCSD0401FA	09/22/2011 01:25	1	09210044.D	CLP2 0.32(mm)
280-20042-6 DL	TMCSD0601FA DL	09/22/2011 01:42	10	09210045.D	CLP1 0.32(mm)
280-20042-6 DL	TMCSD0601FA DL	09/22/2011 01:42	10	09210045.D	CLP2 0.32(mm)
CCV 280-87288/38		09/22/2011 01:58	1		CLP1 0.32(mm)
CCV 280-87288/38		09/22/2011 01:58	1		CLP2 0.32(mm)
CCV 280-87288/39		09/22/2011 02:15	1	09210047.D	CLP1 0.32(mm)
CCV 280-87288/39		09/22/2011 02:15	1	09210047.D	CLP2 0.32(mm)
CCV 280-87288/40		09/22/2011 02:31	1	09210048.D	CLP1 0.32(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: CHGCS_P2 Start Date: 09/21/2011 15:16

Analysis Batch Number: 87288 End Date: 09/22/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 280-87288/40		09/22/2011 02:31	1		CLP2 0.32(mm)
280-20042-1	TMCSD0101FA	09/22/2011 02:48	1	09210049.D	CLP1 0.32(mm)
280-20042-1	TMCSD0101FA	09/22/2011 02:48	1	09210049.D	CLP2 0.32(mm)
280-20042-1 MS	TMCSD0101FA MS	09/22/2011 03:04	1	09210050.D	CLP1 0.32(mm)
280-20042-1 MS	TMCSD0101FA MS	09/22/2011 03:04	1	09210050.D	CLP2 0.32(mm)
280-20042-1 MSD	TMCSD0101FA MSD	09/22/2011 03:21	1	09210051.D	CLP1 0.32(mm)
280-20042-1 MSD	TMCSD0101FA MSD	09/22/2011 03:21	1	09210051.D	CLP2 0.32(mm)
280-20042-6	TMCSD0601FA	09/22/2011 03:37	1	09210052.D	CLP1 0.32(mm)
280-20042-6	TMCSD0601FA	09/22/2011 03:37	1	09210052.D	CLP2 0.32(mm)
CCV 280-87288/45		09/22/2011 04:27	1		CLP1 0.32(mm)
CCV 280-87288/45		09/22/2011 04:27	1		CLP2 0.32(mm)
CCV 280-87288/46		09/22/2011 04:43	1	09210056.D	CLP1 0.32(mm)
CCV 280-87288/46		09/22/2011 04:43	1	09210056.D	CLP2 0.32(mm)
CCV 280-87288/47		09/22/2011 05:00	1	09210057.D	CLP1 0.32(mm)
CCV 280-87288/47		09/22/2011 05:00	1		CLP2 0.32(mm)

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86062 Batch Start Date: 09/14/11 21:25 Batch Analyst: Moan, Matthew R

Batch Method: 3546 Batch End Date: 09/20/11 22:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8081 LCS 00104	8081/82 Surr 00030	8081Toxaphene 00006	AnalysisComment
MB 280-86062/1		3546, 8081A		30.9 g	10000 uL		1 mL		
LCS 280-86062/2		3546, 8081A		30.5 g	10000 uL	1 mL	1 mL		8081
280-20042-A-1	TMCSD0101FA	3546, 8081A	T	30.1 g	10000 uL		1 mL		
280-20042-A-1 MS	TMCSD0101FA	3546, 8081A	T	32.3 g	10000 uL	1 mL	1 mL		8081
280-20042-A-1 MSD	TMCSD0101FA	3546, 8081A	T	31.8 g	10000 uL	1 mL	1 mL		8081
280-20042-A-2	TMCSD0201FA	3546, 8081A	T	31.1 g	10000 uL		1 mL		
280-20042-A-2 MS	TMCSD0201FA	3546, 8081A	T	32.5 g	10000 uL		1 mL	1 mL	TOX
280-20042-A-2 MSD	TMCSD0201FA	3546, 8081A	T	32.6 g	10000 uL		1 mL	1 mL	TOX
280-20042-A-3	TMCSD0301FA	3546, 8081A	T	32.1 g	10000 uL		1 mL		
280-20042-A-4	TMCSD0401FA	3546, 8081A	T	31.6 g	10000 uL		1 mL		
280-20042-A-5	TMCSD0501FA	3546, 8081A	T	31.3 g	10000 uL		1 mL		
280-20042-A-6	TMCSD0601FA	3546, 8081A	T	31.4 g	10000 uL		1 mL		
280-20042-A-7	TMCSD0701FA	3546, 8081A	T	32.5 g	10000 uL		1 mL		
LCS 280-86062/26		3546, 8081A		31.4 g	10000 uL		1 mL	1 mL	TOX

PESTICIDES BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86062 Batch Start Date: 09/14/11 21:25 Batch Analyst: Moan, Matthew R

Batch Method: 3546 Batch End Date: 09/20/11 22:05

Batch Notes	
Balance ID	24350888
Batch Comment	Aliquot: Wiggins, J. pip:C (1*2mL) pipopp1(10.1)
Person's name who did the concentration	CokleyC/HubbsL
Exchange Solvent Lot #	K27E49
Exchange Solvent Name	50mL Hexane
Final Concentrator Volume	10000 uL
Florisil Lot #	K10557 soln:1-9-20
MeCL2 Lot #	K24J01/ K07S03 1/1-ACETONE/MECL2: K24E14
Microwave Start Time	9/14/11 @ 21:45
Microwave Stop Time	9/14/11 @ 23:15
Na2SO4 Lot Number	K10624F
Ottawa Sand Lot #	2AB0606
Pipette ID	E
Person's name who did the prep	MoanM
SOP Number	DV-OP-0015/7
Person who witnessed spiking	REVIEWER: EJ s/s: JW
Water Bath ID	A/B
Water Bath Temperature	88C

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP1 ID: 0.32 (mm) GC Column (2): CLP2 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
TMCSD0101FA	280-20042-1	71		323 J Q	
TMCSD0201FA	280-20042-2	91		85	
TMCSD0301FA	280-20042-3	98		99	
TMCSD0401FA	280-20042-4	84	81	72	78
TMCSD0501FA	280-20042-5	93	92	87	89
TMCSD0601FA	280-20042-6	88	86	70	62
TMCSD0701FA	280-20042-7	87		85	
	MB 280-86062/1-A	104	103	110	109
	LCS 280-86062/27-A	97	96	104	100

	QC LIMITS
TCX = Tetrachloro-m-xylene	53-128
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 090F9001.D

Lab ID: LCS 280-86062/27-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	63.3	52.3	83	40-140	
PCB-1260	63.3	62.7	99	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Date Extracted: 09/14/2011 21:25

Lab File ID:(1) 068F6801.D Lab File ID:(2) 068F6801.D

Date Analyzed:(1) 09/21/2011 21:53 Date Analyzed:(2) 09/21/2011 21:53

Instrument ID:(1) GCS_W Instrument ID:(2) GCS_W

GC Column:(1) CLP1 ID: 0.32(mm) GC Column:(2) CLP2 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
TMCSD0101FA	280-20042-1	09/21/2011 22:25	
TMCSD0201FA	280-20042-2	09/21/2011 23:28	
TMCSD0301FA	280-20042-3	09/22/2011 00:00	
TMCSD0401FA	280-20042-4	09/22/2011 00:32	09/22/2011 00:32
TMCSD0501FA	280-20042-5	09/22/2011 01:04	09/22/2011 01:04
TMCSD0601FA	280-20042-6	09/22/2011 01:36	09/22/2011 01:36
TMCSD0701FA	280-20042-7	09/22/2011 02:08	
	LCS 280-86062/27-A	09/22/2011 09:34	09/22/2011 09:34

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: CCVRT 280-87305/1 Date Analyzed: 09/20/2011 11:26

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm)

Lab File ID (Standard): 003F0301.D Heated Purge: (Y/N) N

Calibration ID: 7177

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				5.79	19.35	
UPPER LIMIT				5.82	19.38	
LOWER LIMIT				5.76	19.32	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-87305/1		09/20/2011 11:26	003F0301.D	5.79	19.35	
CCV 280-87305/13		09/21/2011 17:39	060F6001.D	5.79	19.35	
MB 280-86062/1-A		09/21/2011 21:53	068F6801.D	5.79	19.35	
280-20042-1	TMCSD0101FA	09/21/2011 22:25	069F6901.D	5.79	19.36	
CCV 280-87305/23		09/21/2011 22:57	070F7001.D	5.79	19.35	
280-20042-2	TMCSD0201FA	09/21/2011 23:28	071F7101.D	5.79	19.35	
280-20042-3	TMCSD0301FA	09/22/2011 00:00	072F7201.D	5.79	19.35	
280-20042-4	TMCSD0401FA	09/22/2011 00:32	073F7301.D	5.79	19.35	
280-20042-5	TMCSD0501FA	09/22/2011 01:04	074F7401.D	5.79	19.35	
280-20042-6	TMCSD0601FA	09/22/2011 01:36	075F7501.D	5.79	19.35	
280-20042-7	TMCSD0701FA	09/22/2011 02:08	076F7601.D	5.79	19.35	
CCV 280-87305/34		09/22/2011 04:47	081F8101.D	5.79	19.35	
LCS 280-86062/27-A		09/22/2011 09:34	090F9001.D	5.79	19.35	
CCV 280-87305/44		09/22/2011 10:05	091F9101.D	5.79	19.35	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Sample No.: CCVRT 280-87305/1 Date Analyzed: 09/20/2011 11:26

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm)

Lab File ID (Standard): 003F0301.D Heated Purge: (Y/N) N

Calibration ID: 7182

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				6.31	20.72	
UPPER LIMIT				6.34	20.75	
LOWER LIMIT				6.28	20.69	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-87305/1		09/20/2011 11:26	003F0301.D	6.31	20.72	
CCV 280-87305/13		09/21/2011 17:39	060F6001.D	6.31	20.72	
MB 280-86062/1-A		09/21/2011 21:53	068F6801.D	6.32	20.72	
CCV 280-87305/23		09/21/2011 22:57	070F7001.D	6.31	20.73	
280-20042-4	TMCSD0401FA	09/22/2011 00:32	073F7301.D	6.31	20.72	
280-20042-5	TMCSD0501FA	09/22/2011 01:04	074F7401.D	6.31	20.72	
280-20042-6	TMCSD0601FA	09/22/2011 01:36	075F7501.D	6.31	20.72	
LCS 280-86062/27-A		09/22/2011 09:34	090F9001.D	6.31	20.72	
CCV 280-87305/44		09/22/2011 10:05	091F9101.D	6.31	20.72	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA Lab Sample ID: 280-20042-4

Instrument ID (1): GCS_W Instrument ID (2): GCS_W

Date Analyzed (1): 09/22/2011 00:32 Date Analyzed (2): 09/22/2011 00:32

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	13.41	13.20	13.60	26.6	12	45.1
		2	14.06	13.86	14.26	12.1		
		3	14.69	14.49	14.89	6.80		
		4	16.24	16.04	16.44	7.18		
		5	16.86	16.66	17.06	8.50		
	2	1	14.54	14.34	14.74	25.1	19	
		2	15.05	14.84	15.24	17.7		
		3	16.06	15.86	16.26	22.7		
		4	16.72	16.51	16.91	19.0		
		5	17.31	17.10	17.50	12.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA Lab Sample ID: 280-20042-5

Instrument ID (1): GCS_W Instrument ID (2): GCS_W

Date Analyzed (1): 09/22/2011 01:04 Date Analyzed (2): 09/22/2011 01:04

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1260	1	1	13.40	13.20	13.60	48.9	27	19.6
		2	14.06	13.86	14.26	22.1		
		3	14.69	14.49	14.89	25.7		
		4	16.24	16.04	16.44	14.6		
		5	16.86	16.66	17.06	22.7		
	2	1	14.54	14.34	14.74	24.7	22	
		2	15.05	14.84	15.24	14.9		
		3	16.06	15.86	16.26	24.6		
		4	16.71	16.51	16.91	23.4		
		5	17.30	17.10	17.50	22.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA Lab Sample ID: 280-20042-6

Instrument ID (1): GCS_W Instrument ID (2): GCS_W

Date Analyzed (1): 09/22/2011 01:36 Date Analyzed (2): 09/22/2011 01:36

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1254	1	4	14.06	13.86	14.26	19.4	21	7.8
		5	14.69	14.49	14.89	38.5		
	2	1	12.57	12.36	12.76	15.8	23	
		4	15.04	14.85	15.25	18.2		
		5	15.84	15.64	16.04	35.1		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-86062/27-A

Instrument ID (1): GCS_W Instrument ID (2): GCS_W

Date Analyzed (1): 09/22/2011 09:34 Date Analyzed (2): 09/22/2011 09:34

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): CLP2 ID: 0.32(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	6.91	6.71	7.11	64.0	52.3	2.4
		2	7.89	7.69	8.09	60.2		
		3	9.43	9.23	9.63	36.3		
		4	10.47	10.27	10.67	58.4		
		5	12.04	11.85	12.25	42.9		
	2	1	8.89	8.69	9.09	59.6	53.6	
		2	10.05	9.85	10.25	57.1		
		3	11.83	11.63	12.03	60.7		
		4	12.56	12.36	12.76	47.9		
		5	13.03	12.83	13.23	42.8		
PCB-1260	1	1	13.40	13.20	13.60	65.8	62.7	5.1
		2	14.05	13.86	14.26	51.8		
		3	14.68	14.49	14.89	56.9		
		4	16.23	16.04	16.44	73.5		
		5	16.85	16.66	17.06	65.3		
	2	1	14.54	14.34	14.74	56.1	65.9	
		2	15.04	14.84	15.24	60.3		
		3	16.06	15.86	16.26	71.7		
		4	16.71	16.51	16.91	70.5		
		5	17.30	17.10	17.50	71.1		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0101FA Lab Sample ID: 280-20042-1

Matrix: Solid Lab File ID: 069F6901.D

Analysis Method: 8082 Date Collected: 09/06/2011 13:00

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.1(g) Date Analyzed: 09/21/2011 22:25

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	13	U Q	43	13	6.6
11104-28-2	PCB-1221	26	U Q	43	26	20
11141-16-5	PCB-1232	13	U Q	43	13	6.7
53469-21-9	PCB-1242	13	U Q	43	13	12
12672-29-6	PCB-1248	13	U Q	43	13	7.3
11097-69-1	PCB-1254	13	U Q	43	13	7.2
11096-82-5	PCB-1260	49	Q	43	13	3.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	323	J Q	60-125
877-09-8	Tetrachloro-m-xylene	71		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\069F6901.D
Lab Smp Id: 280-20042-A-1-C Client Smp ID: TMCSD0101FA
Inj Date : 21-SEP-2011 22:25
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984718,04201
Misc Info : 280-20042-A-1-C
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 69
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.100	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO	
5 Aroclor-1248					CAS #: 12672-29-6			
Operator disabled compound identification.								
6 Aroclor-1254					CAS #: 11097-69-1			
Operator disabled compound identification.								
7 Aroclor-1260					CAS #: 11096-82-5			
13.410	13.403	0.007	64378	143.262	47.60	50.00- 150.00	100.00	
14.060	14.056	0.004	110071	147.512	49.01	79.28- 237.84	170.98	
14.690	14.686	0.004	94055	116.350	38.65	38.87- 116.60	146.10	
16.240	16.236	0.004	74227	83.0865	27.60	40.33- 120.99	115.30	
16.860	16.856	0.004	38440	78.1475	25.96	22.45- 67.34	59.71	
Average of Peak Concentrations =					37.76			
8 Aroclor-1268					CAS #:			
Operator disabled compound identification.								
9 Aroclor-1262					CAS #:			
Operator disabled compound identification.								
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.793	5.790	0.003	112176	14.1872	4.7133			
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3			
19.356	19.350	0.006	406843	64.5459	21.44			(R)

QC Flag Legend

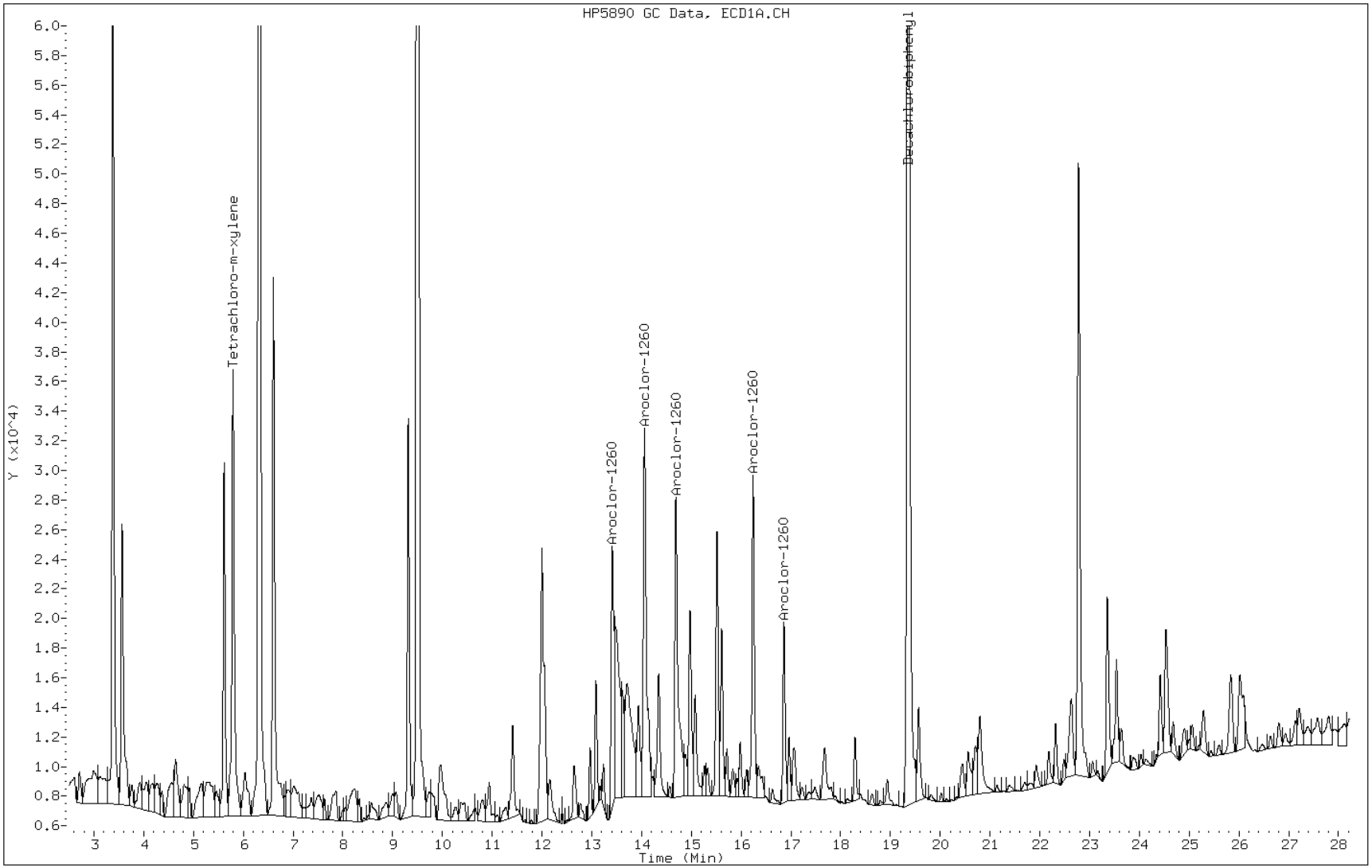
R - Spike/Surrogate failed recovery limits.

Data File: 069F6901.D

Date: 21-SEP-2011 22:25

Client ID: TMCSD0101FA Instrument: GC_W.i

Sample Info: 280-984718,04201 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0201FA | Lab Sample ID: 280-20042-2

Matrix: Solid | Lab File ID: 071F7101.D

Analysis Method: 8082 | Date Collected: 09/06/2011 14:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.1(g) | Date Analyzed: 09/21/2011 23:28

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	41	12	6.3
11104-28-2	PCB-1221	25	U	41	25	19
11141-16-5	PCB-1232	12	U	41	12	6.3
53469-21-9	PCB-1242	12	U	41	12	11
12672-29-6	PCB-1248	12	U	41	12	6.9
11097-69-1	PCB-1254	12	U	41	12	6.8
11096-82-5	PCB-1260	12	U	41	12	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		60-125
877-09-8	Tetrachloro-m-xylene	91		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\071F7101.D
Lab Smp Id: 280-20042-A-2-C Client Smp ID: TMCSD0201FA
Inj Date : 21-SEP-2011 23:28
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984721,04202
Misc Info : 280-20042-A-2-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 71
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.100	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.793	5.790	0.003	141073	18.2812	6.0735		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

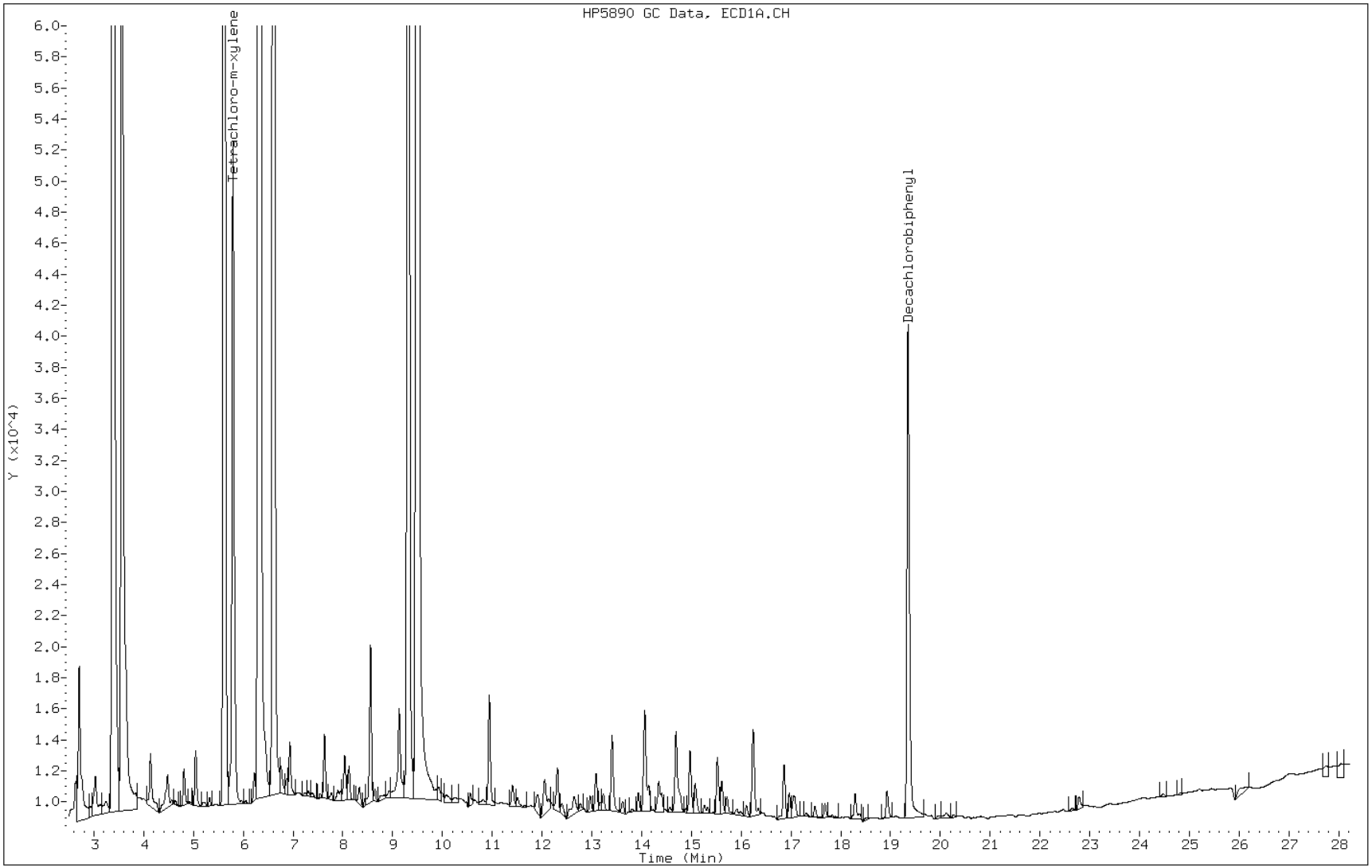
19.353	19.350	0.003	115865	16.9119	5.6186		

Data File: 071F7101.D

Date: 21-SEP-2011 23:28

Client ID: TMCSD0201FA Instrument: GC_W.i

Sample Info: 280-984721,04202 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0301FA Lab Sample ID: 280-20042-3

Matrix: Solid Lab File ID: 072F7201.D

Analysis Method: 8082 Date Collected: 09/06/2011 14:20

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.1(g) Date Analyzed: 09/22/2011 00:00

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	39	12	6.1
11104-28-2	PCB-1221	24	U	39	24	19
11141-16-5	PCB-1232	12	U	39	12	6.1
53469-21-9	PCB-1242	12	U	39	12	11
12672-29-6	PCB-1248	12	U	39	12	6.7
11097-69-1	PCB-1254	12	U	39	12	6.6
11096-82-5	PCB-1260	12	U	39	12	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	99		60-125
877-09-8	Tetrachloro-m-xylene	98		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\072F7201.D
Lab Smp Id: 280-20042-A-3-C Client Smp ID: TMCSD0301FA
Inj Date : 22-SEP-2011 00:00
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984724,04203
Misc Info : 280-20042-A-3-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 72
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.100	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.793	5.790	0.003	150228	19.5783	6.2953		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

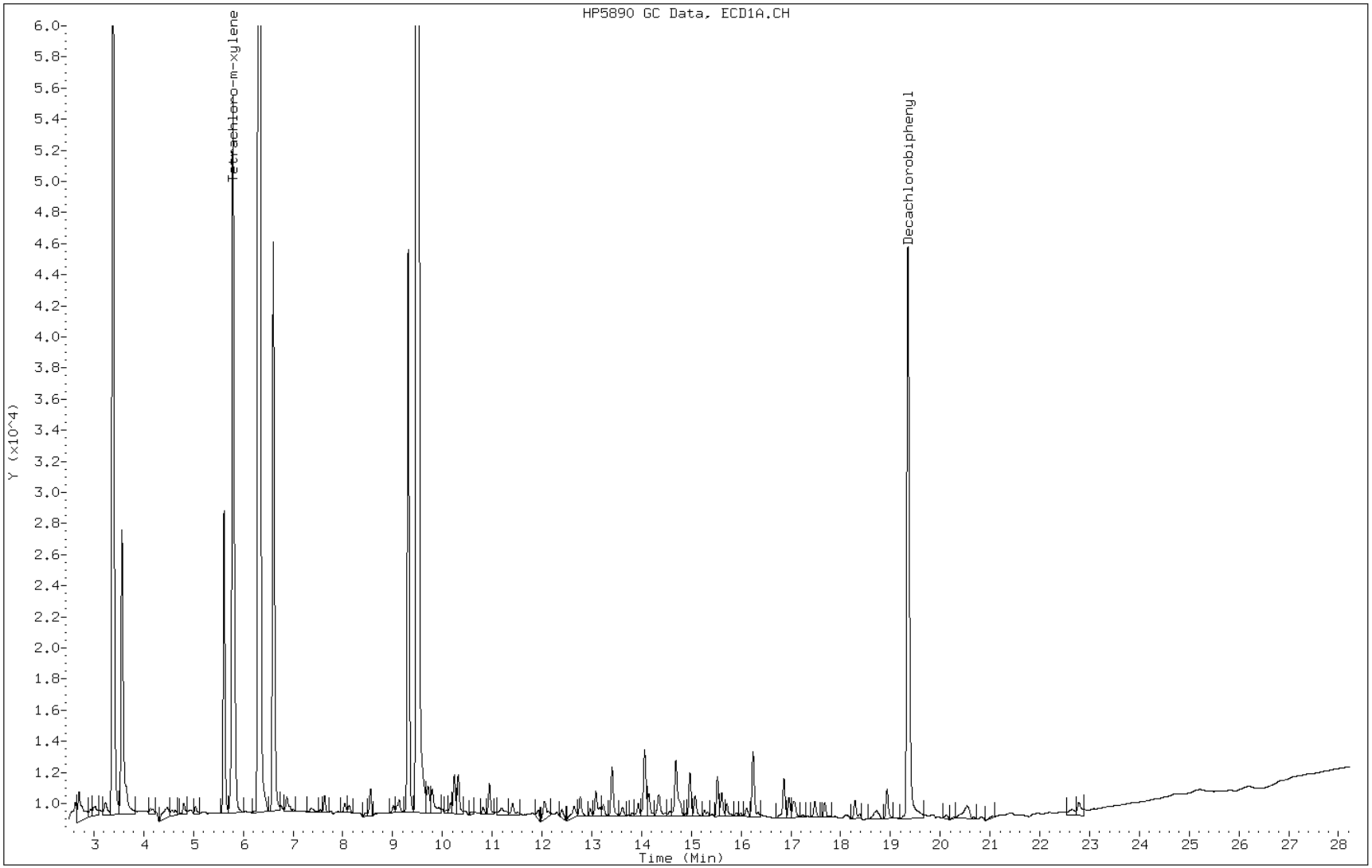
19.353	19.350	0.003	134035	19.8863	6.3943		

Data File: 072F7201.D

Date: 22-SEP-2011 00:00

Client ID: TMCSD0301FA Instrument: GC_W.i

Sample Info: 280-984724,04203 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA Lab Sample ID: 280-20042-4

Matrix: Solid Lab File ID: 073F7301.D

Analysis Method: 8082 Date Collected: 09/06/2011 12:50

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) Date Analyzed: 09/22/2011 00:32

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 23.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	41	12	6.3
11104-28-2	PCB-1221	25	U	41	25	19
11141-16-5	PCB-1232	12	U	41	12	6.4
53469-21-9	PCB-1242	12	U	41	12	11
12672-29-6	PCB-1248	12	U	41	12	7.0
11097-69-1	PCB-1254	12	U	41	12	6.9
11096-82-5	PCB-1260	12	J	41	12	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	72		60-125
877-09-8	Tetrachloro-m-xylene	84		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\073F7301.D
Lab Smp Id: 280-20042-A-4-C Client Smp ID: TMCSD0401FA
Inj Date : 22-SEP-2011 00:32
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984729,04204
Misc Info : 280-20042-A-4-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 73
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	32.100	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

13.406	13.403	0.003	37442	64.0306	19.95	50.00- 150.00	100.00
14.060	14.056	0.004	45025	29.1903	9.0936	79.28- 237.84	120.25
14.690	14.686	0.004	37700	16.3679	5.0990	38.87- 116.60	100.69
16.240	16.236	0.004	37367	17.2845	5.3846	40.33- 120.99	99.80
16.860	16.856	0.004	20907	20.4730	6.3779	22.45- 67.34	55.84

Average of Peak Concentrations = 9.1804

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.790	5.790	0.000	130525	16.7868	5.2295

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

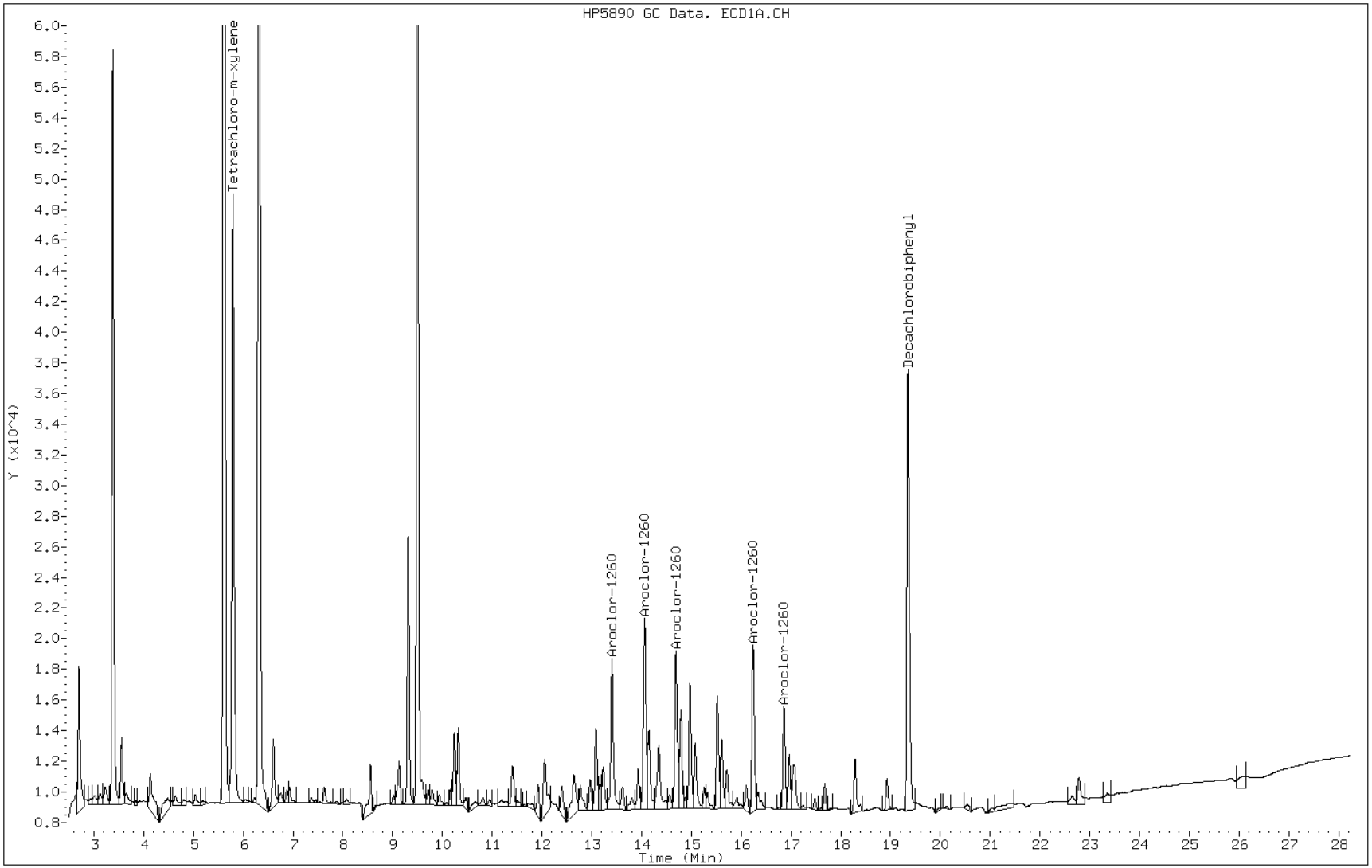
19.350	19.350	0.000	99994	14.3137	4.4591

Data File: 073F7301.D

Date: 22-SEP-2011 00:32

Client ID: TMCSD0401FA Instrument: GC_W.i

Sample Info: 280-984729,04204 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0401FA Lab Sample ID: 280-20042-4

Matrix: Solid Lab File ID: 073F7301.D

Analysis Method: 8082 Date Collected: 09/06/2011 12:50

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) Date Analyzed: 09/22/2011 00:32

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: 23.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		60-125
877-09-8	Tetrachloro-m-xylene	81		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\073F7301.D
Lab Smp Id: 280-20042-A-4-C Client Smp ID: TMCSD0401FA
Inj Date : 22-SEP-2011 00:32
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984729,04204
Misc Info : 280-20042-A-4-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 73
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	32.100	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

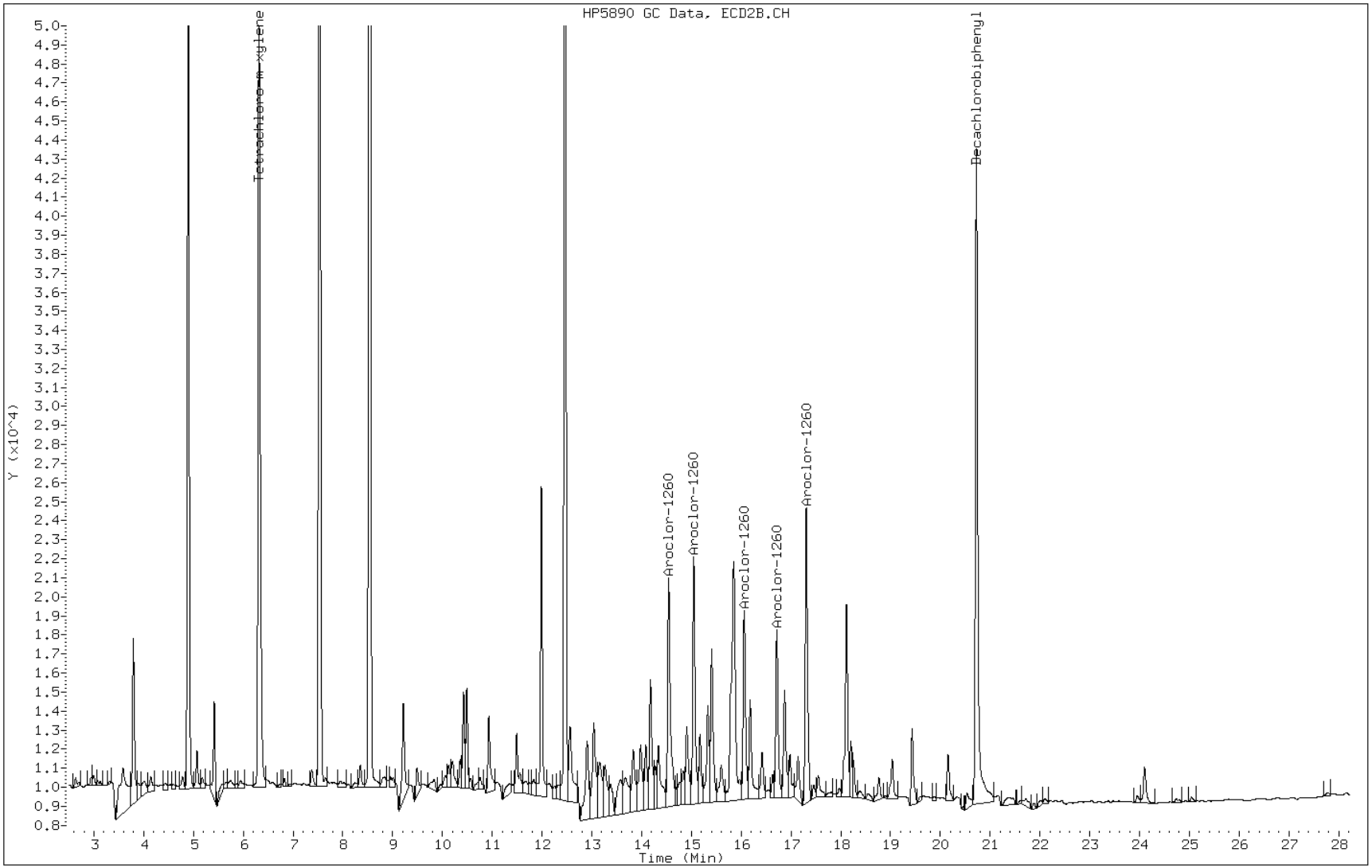
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
Operator disabled compound identification.							
6 Aroclor-1254					CAS #: 11097-69-1		
Operator disabled compound identification.							
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.540	0.003	48810	60.3896	18.81	50.00- 150.00	100.00
15.046	15.043	0.003	44757	42.6106	13.27	54.39- 163.17	91.70
16.060	16.056	0.004	33295	54.5965	17.01	32.96- 98.87	68.21
16.716	16.710	0.006	29687	45.8130	14.27	65.36- 196.07	60.82
17.306	17.300	0.006	51321	29.7778	9.2766	16.03- 48.08	105.14
Average of Peak Concentrations =					14.53		
8 Aroclor-1268					CAS #:		
Operator disabled compound identification.							
9 Aroclor-1262					CAS #:		
Operator disabled compound identification.							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.310	0.003	134454	16.2273	5.0552		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.723	20.723	0.000	124892	15.6036	4.8609		

Data File: 073F7301.D

Date: 22-SEP-2011 00:32

Client ID: TMCSD0401FA Instrument: GC_W.i

Sample Info: 280-984729,04204 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA Lab Sample ID: 280-20042-5

Matrix: Solid Lab File ID: 074F7401.D

Analysis Method: 8082 Date Collected: 09/06/2011 12:30

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.3(g) Date Analyzed: 09/22/2011 01:04

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 50.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	19	U	64	19	9.9
11104-28-2	PCB-1221	39	U	64	39	30
11141-16-5	PCB-1232	19	U	64	19	9.9
53469-21-9	PCB-1242	19	U	64	19	18
12672-29-6	PCB-1248	19	U	64	19	11
11097-69-1	PCB-1254	19	U	64	19	11
11096-82-5	PCB-1260	27	J	64	19	5.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		60-125
877-09-8	Tetrachloro-m-xylene	93		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\074F7401.D
Lab Smp Id: 280-20042-A-5-C Client Smp ID: TMCSD0501FA
Inj Date : 22-SEP-2011 01:04
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984732,04205
Misc Info : 280-20042-A-5-C
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.600	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

13.403	13.403	0.000	41406	75.6906	23.95	50.00- 150.00	100.00
14.060	14.056	0.004	47783	34.2073	10.82	79.28- 237.84	115.40
14.686	14.686	0.000	50897	39.7813	12.59	38.87- 116.60	122.92
16.240	16.236	0.004	40346	22.6026	7.1527	40.33- 120.99	97.44
16.860	16.856	0.004	25387	35.2099	11.14	22.45- 67.34	61.31

Average of Peak Concentrations = 13.13

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.790	5.790	0.000	143776	18.6642	5.9064

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

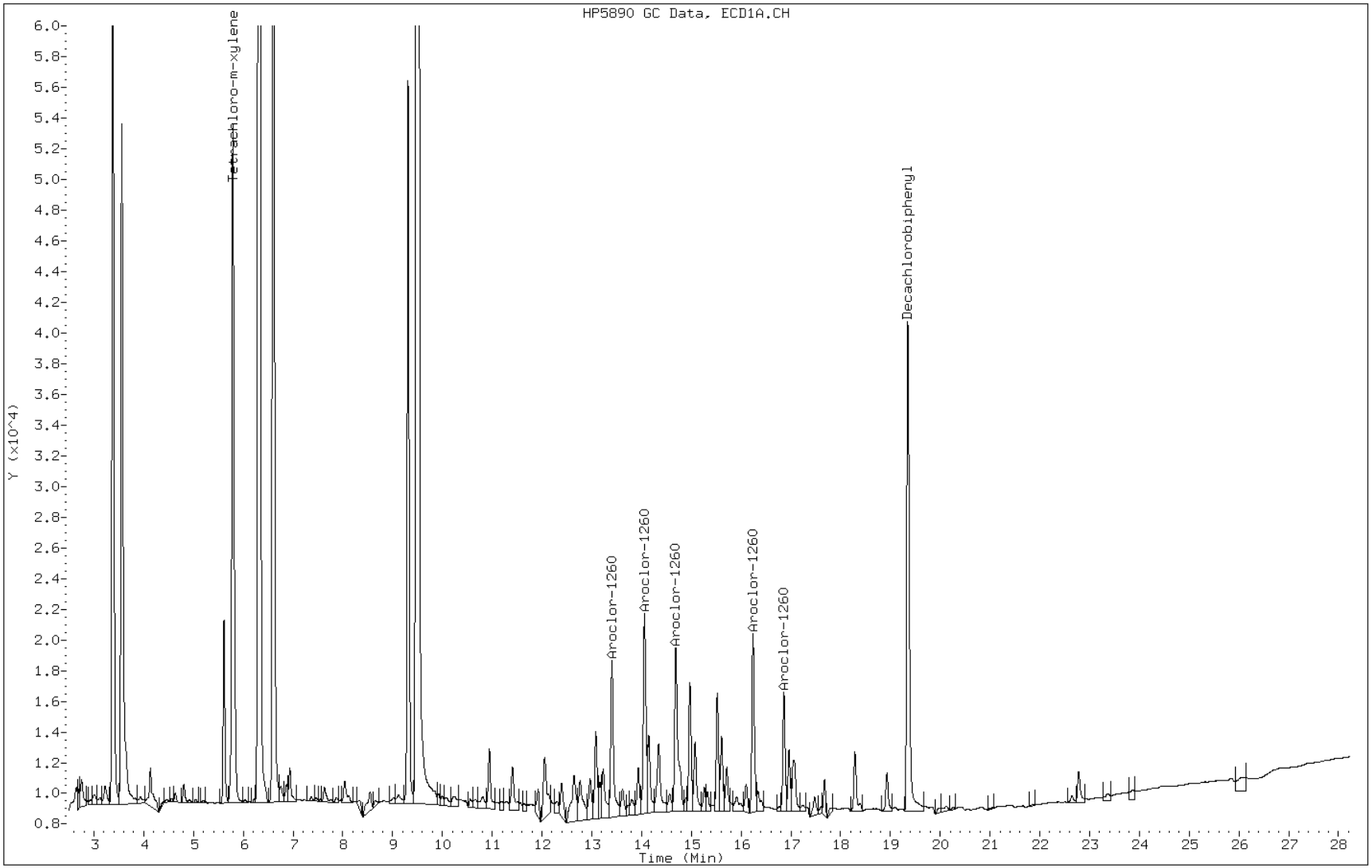
19.350	19.350	0.000	118388	17.3249	5.4826

Data File: 074F7401.D

Date: 22-SEP-2011 01:04

Client ID: TMCSD0501FA Instrument: GC_W.i

Sample Info: 280-984732,04205 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0501FA Lab Sample ID: 280-20042-5

Matrix: Solid Lab File ID: 074F7401.D

Analysis Method: 8082 Date Collected: 09/06/2011 12:30

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.3(g) Date Analyzed: 09/22/2011 01:04

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: 50.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	89		60-125
877-09-8	Tetrachloro-m-xylene	92		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\074F7401.D
Lab Smp Id: 280-20042-A-5-C Client Smp ID: TMCSD0501FA
Inj Date : 22-SEP-2011 01:04
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984732,04205
Misc Info : 280-20042-A-5-C
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 74
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.600	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

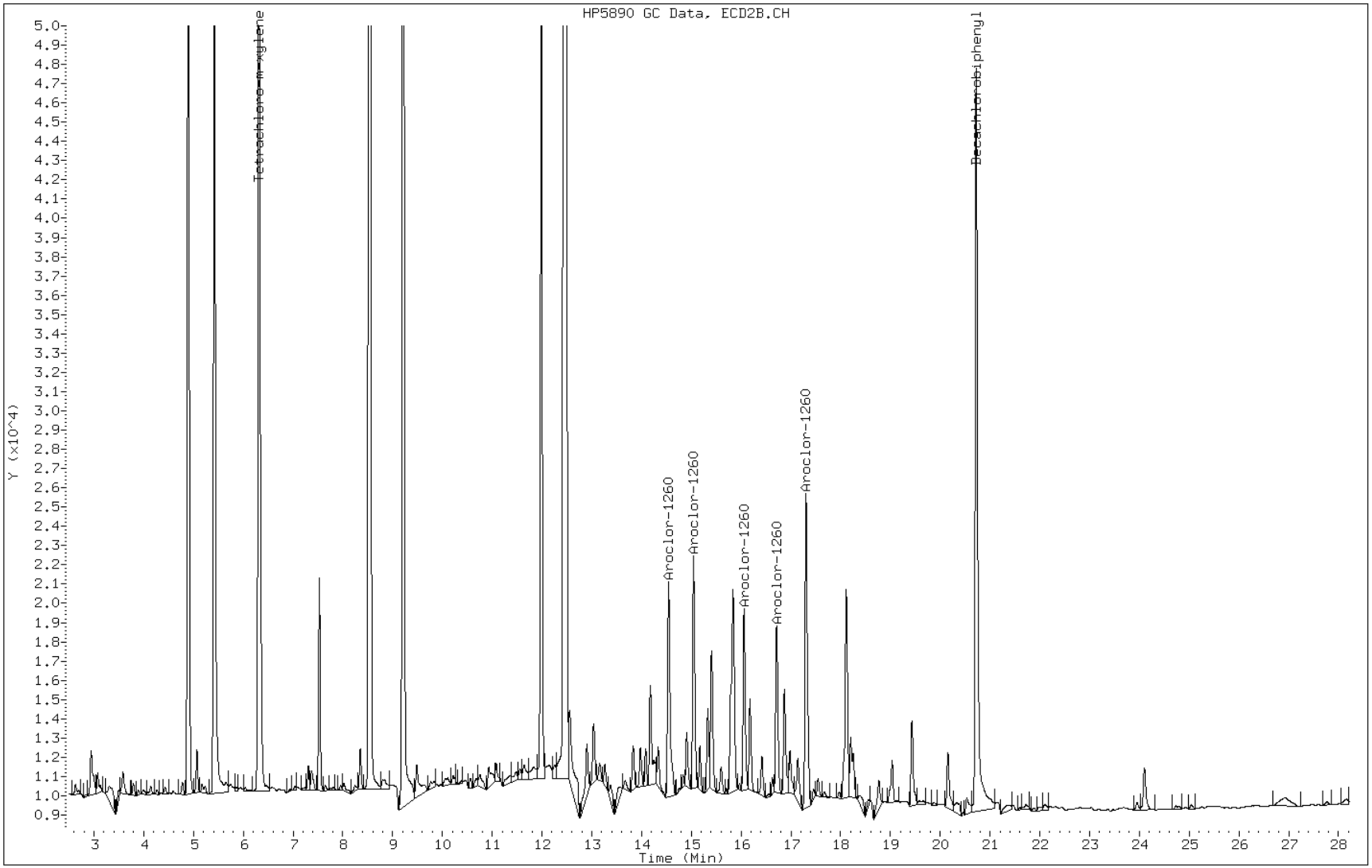
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
Operator disabled compound identification.							
6 Aroclor-1254					CAS #: 11097-69-1		
Operator disabled compound identification.							
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.540	0.003	39860	38.2565	12.11	50.00- 150.00	100.00
15.046	15.043	0.003	36324	23.0902	7.3070	54.39- 163.17	91.13
16.060	16.056	0.004	28304	38.0774	12.05	32.96- 98.87	71.01
16.713	16.710	0.003	26647	36.2468	11.47	65.36- 196.07	66.85
17.303	17.300	0.003	54533	34.7213	10.99	16.03- 48.08	136.81
Average of Peak Concentrations =					10.78		
8 Aroclor-1268					CAS #:		
Operator disabled compound identification.							
9 Aroclor-1262					CAS #:		
Operator disabled compound identification.							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.310	0.003	150349	18.3530	5.8079		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.723	20.723	0.000	140782	17.8587	5.6515		

Data File: 074F7401.D

Date: 22-SEP-2011 01:04

Client ID: TMCSD0501FA Instrument: GC_W.i

Sample Info: 280-984732,04205 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA | Lab Sample ID: 280-20042-6

Matrix: Solid | Lab File ID: 075F7501.D

Analysis Method: 8082 | Date Collected: 09/06/2011 13:20

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) | Date Analyzed: 09/22/2011 01:36

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 20.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	40	12	6.1
11104-28-2	PCB-1221	24	U	40	24	19
11141-16-5	PCB-1232	12	U	40	12	6.2
53469-21-9	PCB-1242	12	U	40	12	11
12672-29-6	PCB-1248	12	U	40	12	6.8
11097-69-1	PCB-1254	21	J	40	12	6.7
11096-82-5	PCB-1260	12	U	40	12	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	70		60-125
877-09-8	Tetrachloro-m-xylene	88		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\075F7501.D
Lab Smp Id: 280-20042-A-6-C Client Smp ID: TMCSD0601FA
Inj Date : 22-SEP-2011 01:36
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984734,04206
Misc Info : 280-20042-A-6-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.300	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
Operator disabled compound identification.							
6 Aroclor-1254					CAS #: 11097-69-1		
11.403	11.406	-0.003	6013			50.00- 150.00	100.00(a)
12.050	12.046	0.004	22330	14.7390	4.7090	11.81- 35.43	371.36
12.963	12.963	0.000	12170			38.91- 116.75	202.39
14.056	14.056	0.000	31108	48.1305	15.38	305.32- 915.96	517.35
14.686	14.690	-0.004	60925	95.8375	30.62	12.43- 37.29	1013.22
Average of Peak Concentrations =					16.90		
7 Aroclor-1260					CAS #: 11096-82-5		
Operator disabled compound identification.							
8 Aroclor-1268					CAS #:		
Operator disabled compound identification.							
9 Aroclor-1262					CAS #:		
Operator disabled compound identification.							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.790	0.000	135975	17.5590	5.6099		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.350	19.350	0.000	98365	14.0470	4.4879		

QC Flag Legend

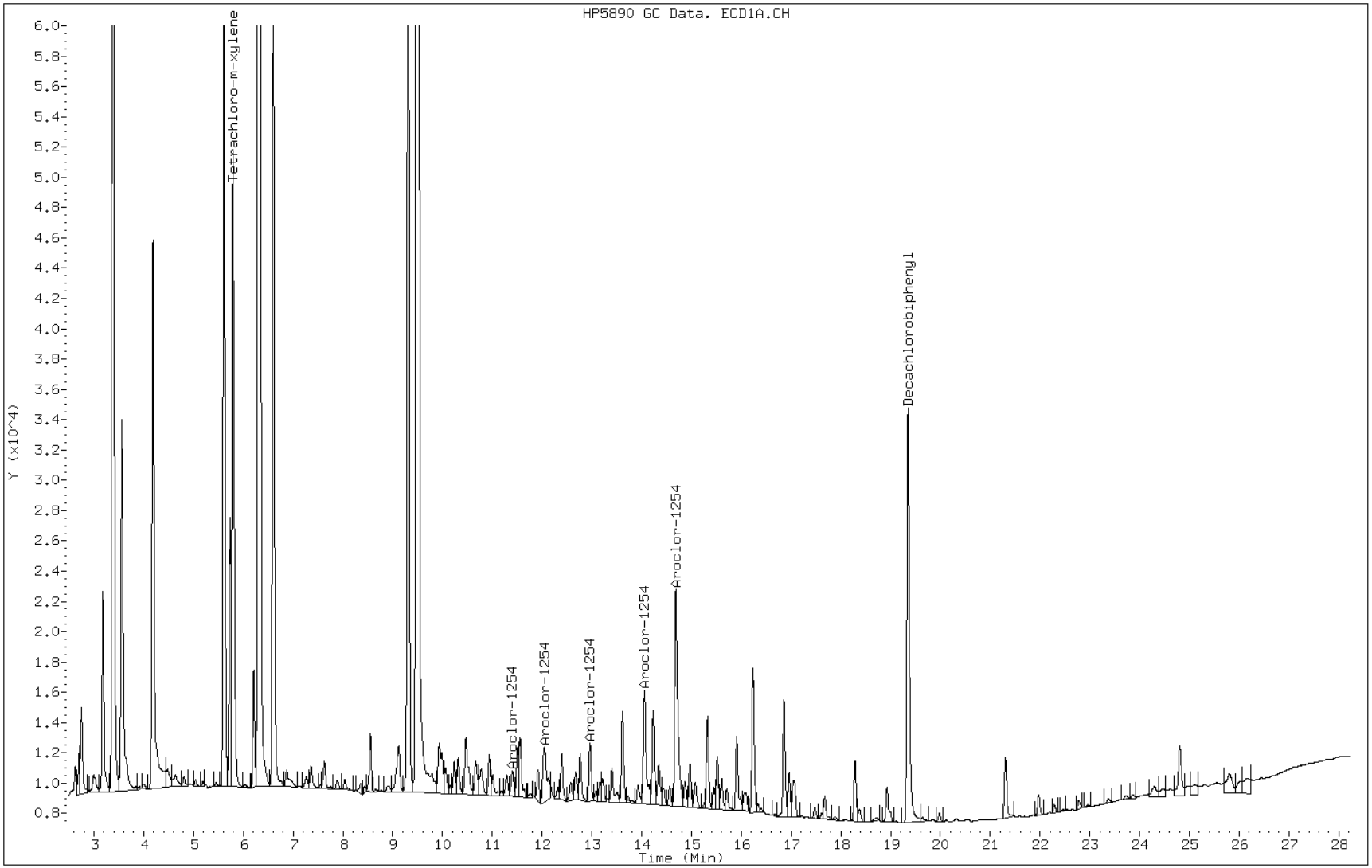
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: 075F7501.D

Date: 22-SEP-2011 01:36

Client ID: TMCSD0601FA Instrument: GC_W.i

Sample Info: 280-984734,04206 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0601FA Lab Sample ID: 280-20042-6

Matrix: Solid Lab File ID: 075F7501.D

Analysis Method: 8082 Date Collected: 09/06/2011 13:20

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.4(g) Date Analyzed: 09/22/2011 01:36

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: 20.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	62		60-125
877-09-8	Tetrachloro-m-xylene	86		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\075F7501.D
Lab Smp Id: 280-20042-A-6-C Client Smp ID: TMCSD0601FA
Inj Date : 22-SEP-2011 01:36
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984734,04206
Misc Info : 280-20042-A-6-C
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 75
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.300	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
Operator disabled compound identification.							
6 Aroclor-1254					CAS #: 11097-69-1		
12.566	12.560	0.006	30383	39.2175	12.53	80.00- 120.00	100.00(a)
13.050	13.036	0.014	10025			57.99- 173.98	33.00
14.080	14.080	0.000	21716			71.94- 215.81	71.47
15.043	15.046	-0.003	23129	45.1942	14.44	37.01- 111.04	76.12
15.840	15.840	0.000	66773	87.1957	27.86	77.19- 231.58	219.77
Average of Peak Concentrations =					18.28		
7 Aroclor-1260					CAS #: 11096-82-5		
Operator disabled compound identification.							
8 Aroclor-1268					CAS #:		
Operator disabled compound identification.							
9 Aroclor-1262					CAS #:		
Operator disabled compound identification.							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.310	0.003	141418	17.1586	5.4820		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.720	20.723	-0.003	102350	12.4045	3.9631		

QC Flag Legend

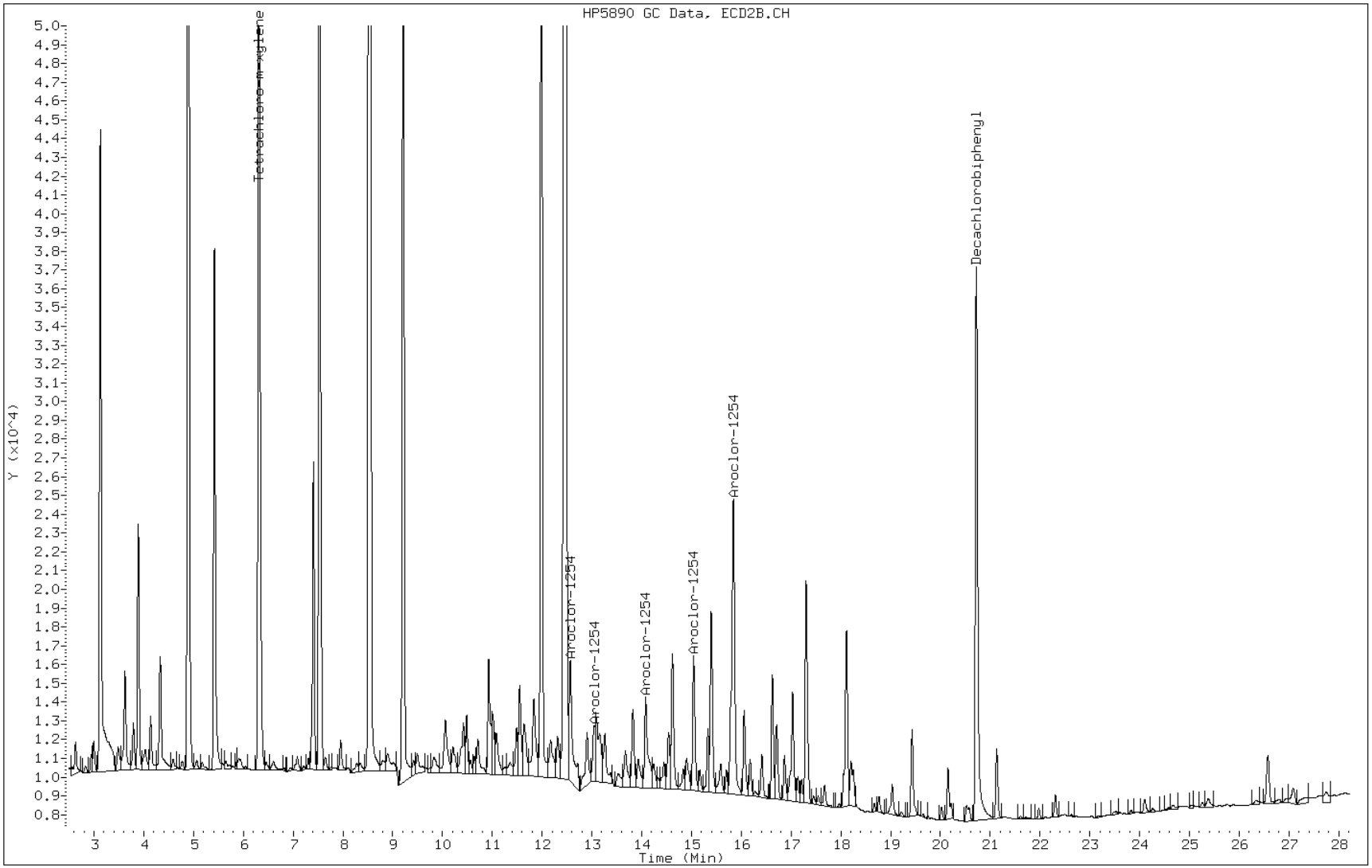
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: 075F7501.D

Date: 22-SEP-2011 01:36

Client ID: TMCSD0601FA Instrument: GC_W.i

Sample Info: 280-984734,04206 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: TMCSD0701FA Lab Sample ID: 280-20042-7

Matrix: Solid Lab File ID: 076F7601.D

Analysis Method: 8082 Date Collected: 09/06/2011 13:45

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.5(g) Date Analyzed: 09/22/2011 02:08

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 22.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	39	12	6.0
11104-28-2	PCB-1221	24	U	39	24	18
11141-16-5	PCB-1232	12	U	39	12	6.1
53469-21-9	PCB-1242	12	U	39	12	11
12672-29-6	PCB-1248	12	U	39	12	6.6
11097-69-1	PCB-1254	12	U	39	12	6.5
11096-82-5	PCB-1260	12	U	39	12	3.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		60-125
877-09-8	Tetrachloro-m-xylene	87		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\076F7601.D
Lab Smp Id: 280-20042-A-7-E Client Smp ID: TMCSD0701FA
Inj Date : 22-SEP-2011 02:08
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984737,04207
Misc Info : 280-20042-A-7-E
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 76
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.400	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Peaks not detected for Quant. or Qual. signal(s).

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.790	5.790	0.000	134816	17.3948	5.5397		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

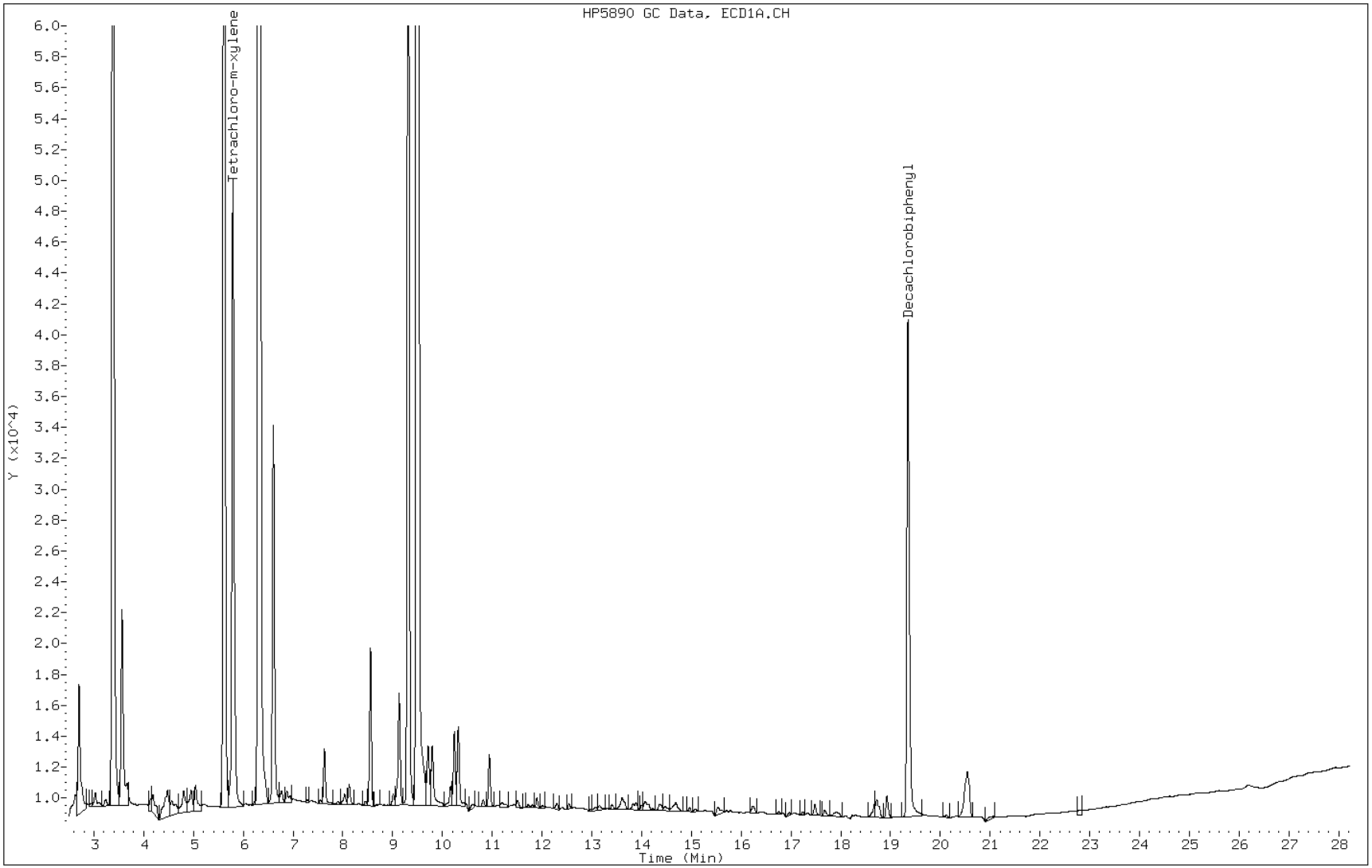
19.350	19.350	0.000	116333	16.9885	5.4103		

Data File: 076F7601.D

Date: 22-SEP-2011 02:08

Client ID: TMCSD0701FA Instrument: GC_W.i

Sample Info: 280-984737,04207 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1248 Peak 1	7.887	7.887	7.887	7.887	7.890	7.890	7.917				7.690 - 8.090	7.892
PCB-1248 Peak 2	11.510	11.510	11.510	11.507	11.507	11.510	11.533				11.307 - 11.707	11.512
PCB-1248 Peak 3	11.563	11.563	11.560	11.560	11.560	11.567	11.587				11.360 - 11.760	11.566
PCB-1248 Peak 4	12.033	12.033	12.033	12.033	12.033	12.037	12.057				11.833 - 12.233	12.037
PCB-1248 Peak 5	13.620	13.620	13.620	13.620	13.620	13.623	13.643				13.420 - 13.820	13.624

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1248 Peak 1	245.40 149.67	210.34 132.15	188.97 126.59	166.75	Lin	-51.774625	124.373549							0.9933		0.9900
PCB-1248 Peak 2	446.24 280.48	396.96 256.62	360.22 239.77	313.96	Lin	-49.761615	237.484724							0.9938		0.9900
PCB-1248 Peak 3	475.68 301.31	419.38 278.42	385.89 252.60	333.68	Lin	-50.314376	253.346274							0.9915		0.9900
PCB-1248 Peak 4	420.24 268.23	373.30 247.40	338.98 227.83	298.28	Lin	-48.415302	227.326515							0.9930		0.9900
PCB-1248 Peak 5	241.52 138.33	199.00 128.35	167.71 117.34	150.63	Lin	-48.025101	117.290067							0.9934		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Lin	6135 99113	10517 126588	18897	41688	74837	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 2	Lin	11156 192467	19848 239772	36022	78491	140239	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 3	Lin	11892 208812	20969 252595	38589	83420	150653	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 4	Lin	10506 185553	18665 227834	33898	74570	134115	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 5	Lin	6038 96259	9950 117339	16771	37658	69166	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\001F0101.D
Lab Smp Id: IC-900845
Inj Date : 19-SEP-2011 12:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900845,1248-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:07 Cal File: 029F2901.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

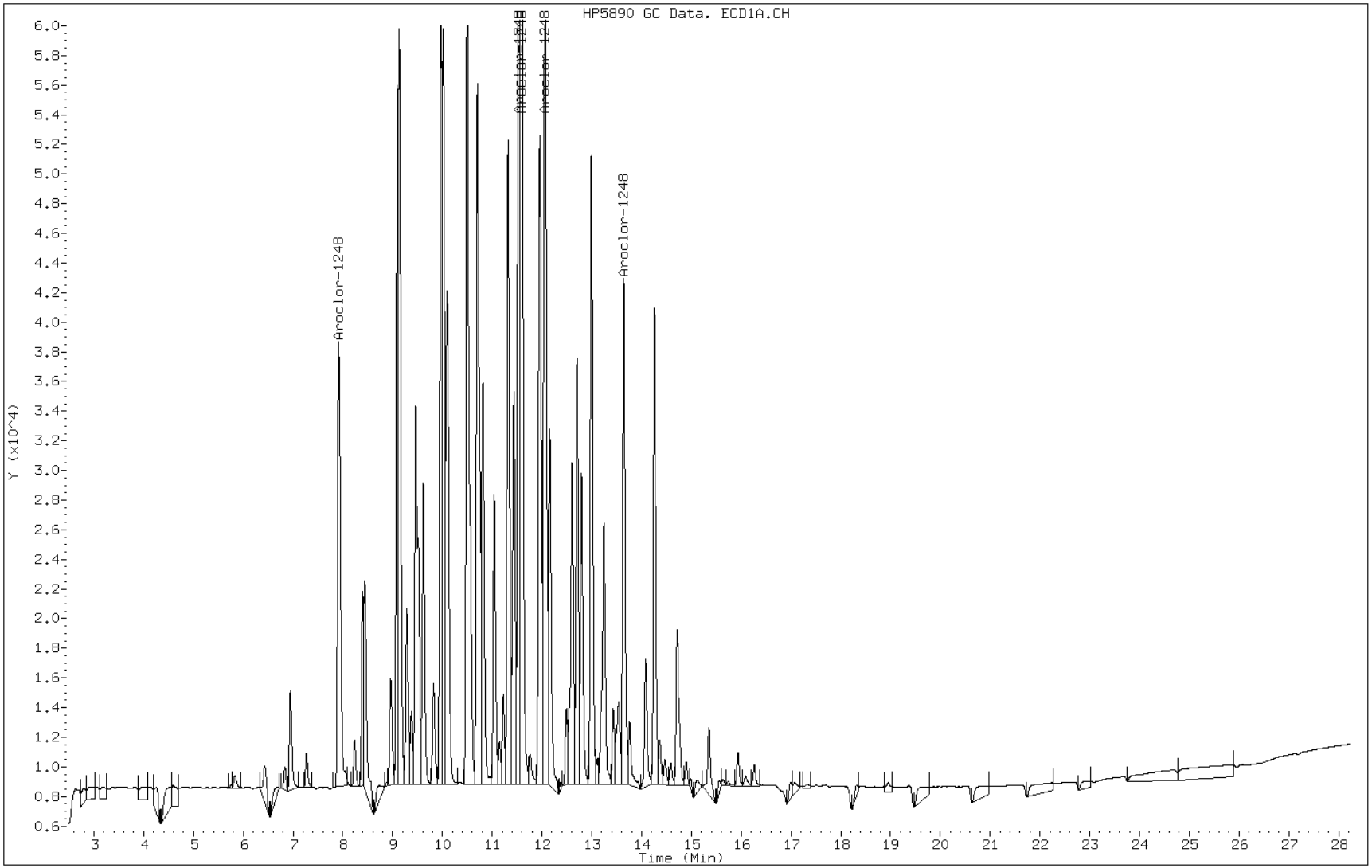
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.916	7.890	0.026	126588	1000.00	966.0	50.00- 150.00	100.00
11.533	11.506	0.027	239772	1000.00	838.6	41.73- 125.19	189.41
11.586	11.560	0.026	252595	1000.00	946.7	16.31- 48.91	199.54
12.056	12.033	0.023	227834	1000.00	1074	16.50- 49.50	179.98
13.643	13.620	0.023	117339	1000.00	952.4	11.54- 34.62	92.69
Average of Peak Amounts =					955.540		

Data File: 001F0101.D

Date: 19-SEP-2011 12:17

Client ID: Instrument: GC_W.i

Sample Info: IC-900845,1248-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\002F0201.D
Lab Smp Id: IC-900846
Inj Date : 19-SEP-2011 12:49
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900846,1248-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:39 Cal File: 030F3001.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

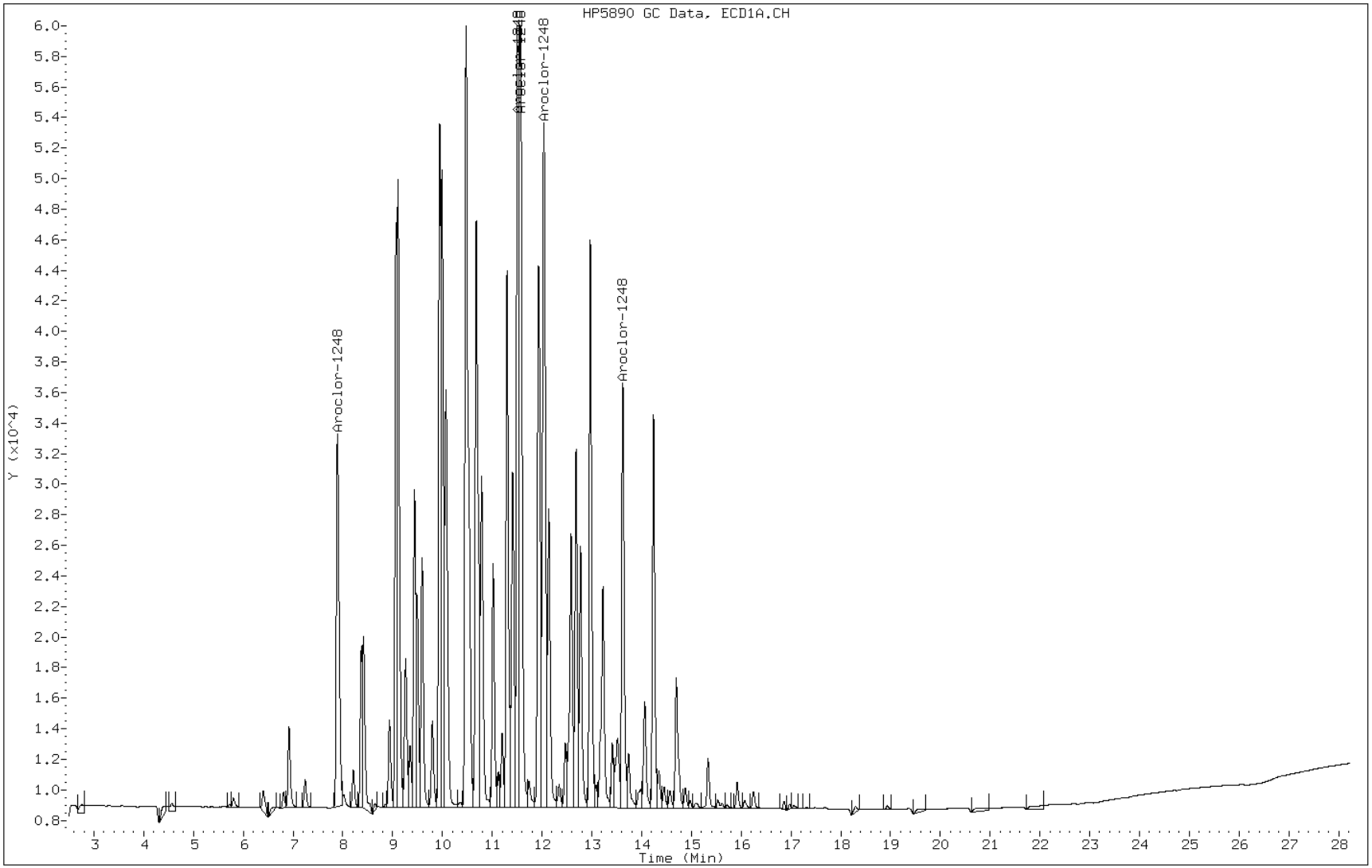
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.890	7.890	0.000	99113	750.000	745.1	50.00- 150.00	100.00
11.510	11.506	0.004	192467	750.000	720.0	41.73- 125.19	194.19
11.566	11.560	0.006	208812	750.000	773.9	16.31- 48.91	210.68
12.036	12.033	0.003	185553	750.000	798.4	16.50- 49.50	187.21
13.623	13.620	0.003	96259	750.000	772.7	11.54- 34.62	97.12
Average of Peak Amounts =					762.020		

Data File: 002F0201.D

Date: 19-SEP-2011 12:49

Client ID: Instrument: GC_W.i

Sample Info: IC-900846,1248-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\003F0301.D
Lab Smp Id: IC-900848
Inj Date : 19-SEP-2011 13:21
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900848,1248-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None

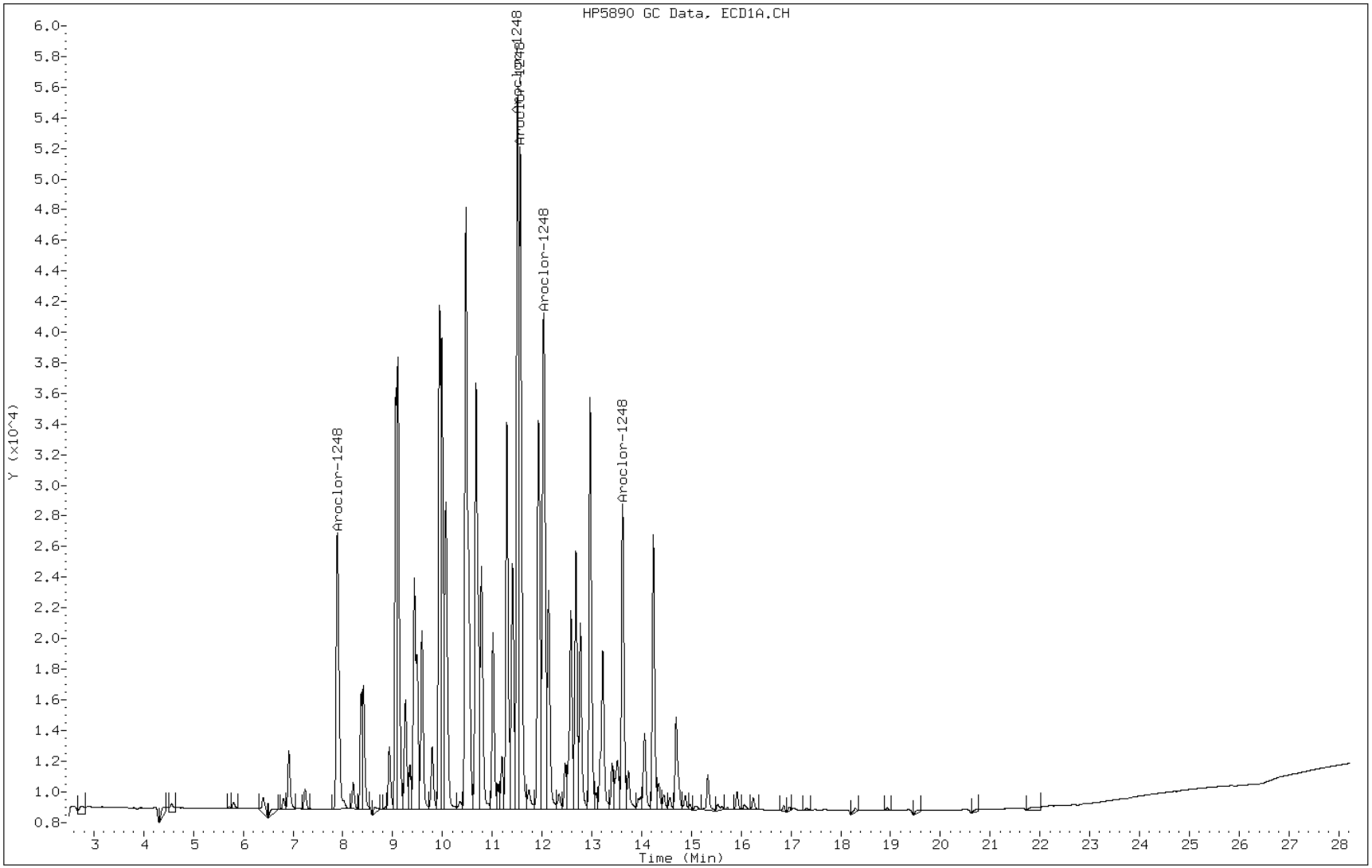
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.890	7.890	0.000	74837	500.000	549.9	50.00- 150.00	100.00
11.506	11.506	0.000	140239	500.000	540.8	41.73- 125.19	187.39
11.560	11.560	0.000	150653	500.000	544.3	16.31- 48.91	201.31
12.033	12.033	0.000	134115	500.000	541.6	16.50- 49.50	179.21
13.620	13.620	0.000	69166	500.000	541.7	11.54- 34.62	92.42
Average of Peak Amounts =					543.660		

Data File: 003F0301.D

Date: 19-SEP-2011 13:21

Client ID: Instrument: GC_W.i

Sample Info: IC-900848,1248-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\004F0401.D
Lab Smp Id: IC-900849
Inj Date : 19-SEP-2011 13:52
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900849,1248-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:42 Cal File: 032F3201.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

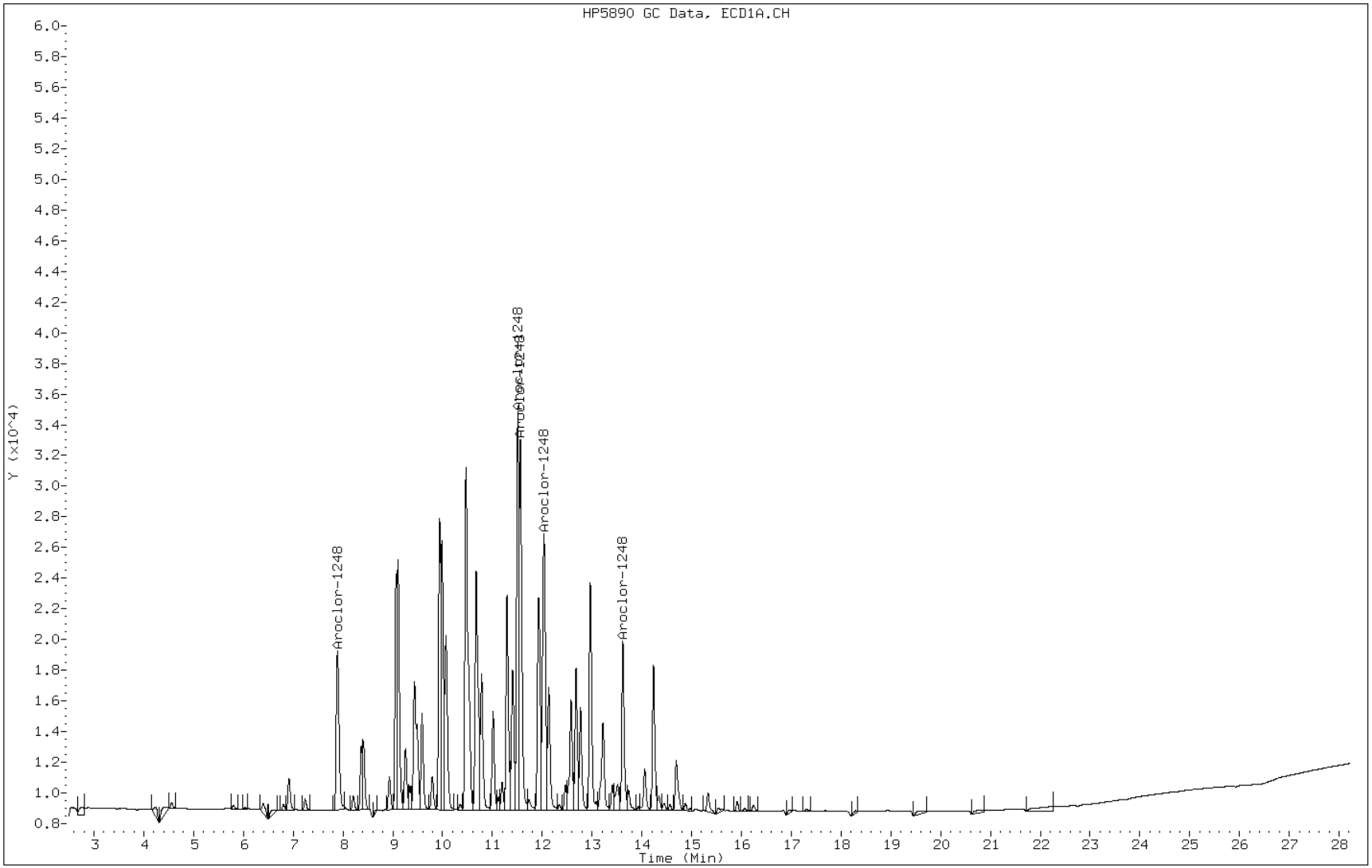
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	41688	250.000	283.4	50.00- 150.00	100.00
11.506	11.506	0.000	78491	250.000	269.7	41.73- 125.19	188.28
11.560	11.560	0.000	83420	250.000	279.0	16.31- 48.91	200.10
12.033	12.033	0.000	74570	250.000	296.6	16.50- 49.50	178.88
13.620	13.620	0.000	37658	250.000	273.0	11.54- 34.62	90.33
Average of Peak Amounts =					280.340		

Data File: 004F0401.D

Date: 19-SEP-2011 13:52

Client ID: Instrument: GC_W.i

Sample Info: IC-900849,1248-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\005F0501.D
Lab Smp Id: IC-900852
Inj Date : 19-SEP-2011 14:24
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900852,1248-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:14 Cal File: 033F3301.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

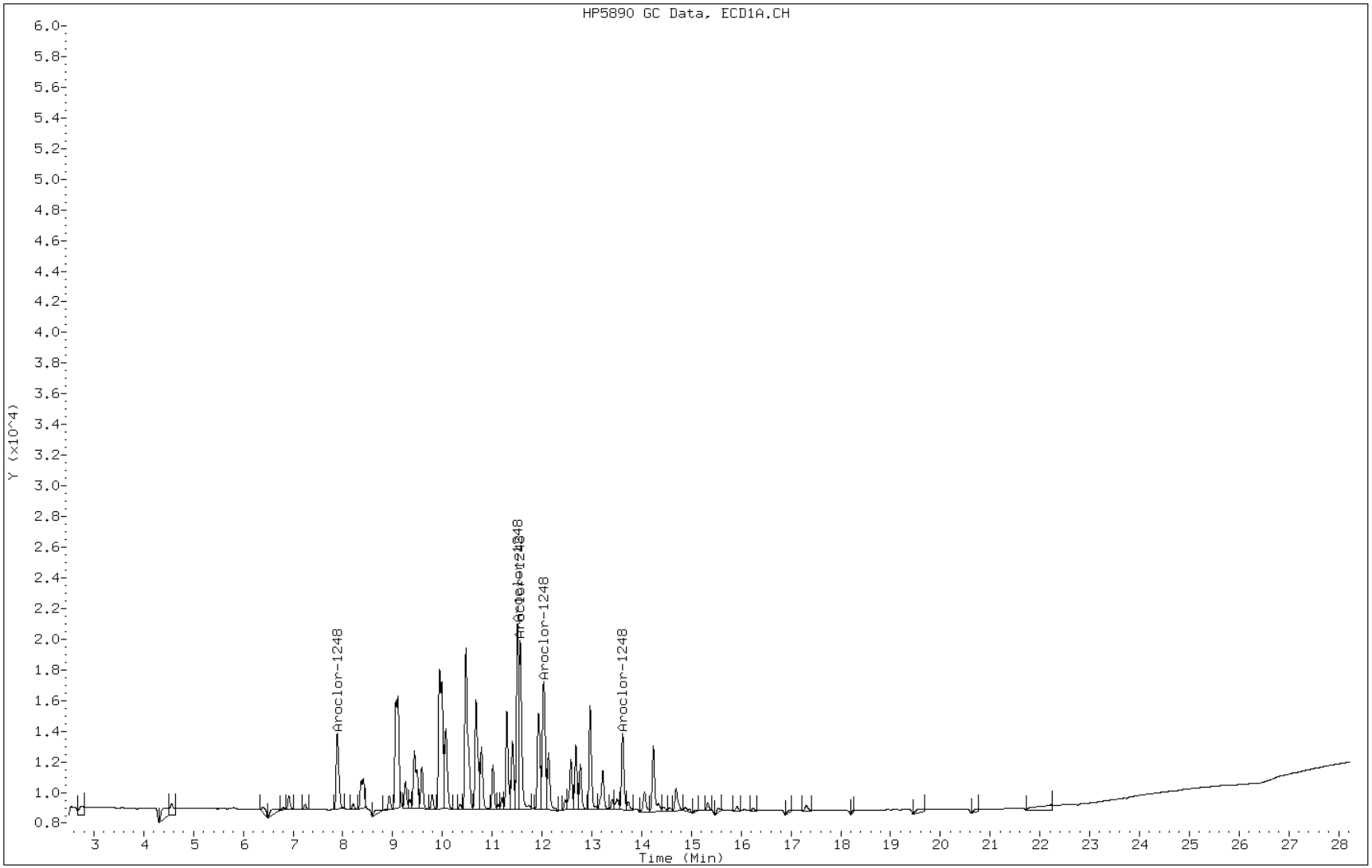
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	18897	100.000	100.2	50.00- 150.00	100.00
11.510	11.506	0.004	36022	100.000	95.07	41.73- 125.19	190.62
11.560	11.560	0.000	38589	100.000	102.0	16.31- 48.91	204.20
12.033	12.033	0.000	33898	100.000	112.7	16.50- 49.50	179.38
13.620	13.620	0.000	16771	100.000	94.96	11.54- 34.62	88.75
Average of Peak Amounts =					100.986		

Data File: 005F0501.D

Date: 19-SEP-2011 14:24

Client ID: Instrument: GC_W.i

Sample Info: IC-900852,1248-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\006F0601.D
Lab Smp Id: IC-900856
Inj Date : 19-SEP-2011 14:56
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900856,1248-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:46 Cal File: 034F3401.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

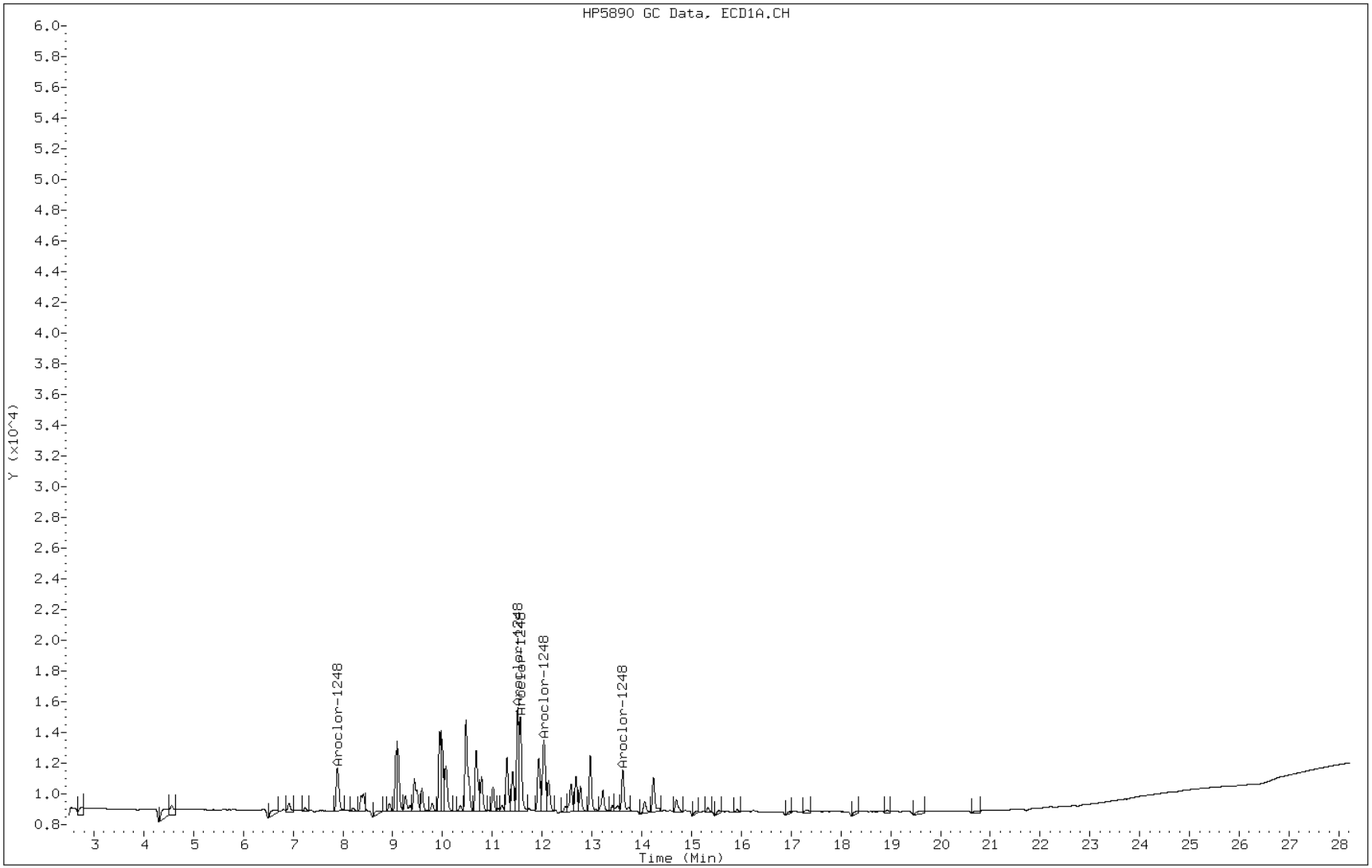
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	10517	50.0000	32.78	50.00- 150.00	100.00
11.510	11.506	0.004	19848	50.0000	31.52	41.73- 125.19	188.72
11.563	11.560	0.003	20969	50.0000	32.45	16.31- 48.91	199.39
12.033	12.033	0.000	18665	50.0000	38.36	16.50- 49.50	177.47
13.620	13.620	0.000	9950	50.0000	36.81	11.54- 34.62	94.61
Average of Peak Amounts =					34.3840		

Data File: 006F0601.D

Date: 19-SEP-2011 14:56

Client ID: Instrument: GC_W.i

Sample Info: IC-900856,1248-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\007F0701.D
Lab Smp Id: IC-900858
Inj Date : 19-SEP-2011 15:28
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900858,1248-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

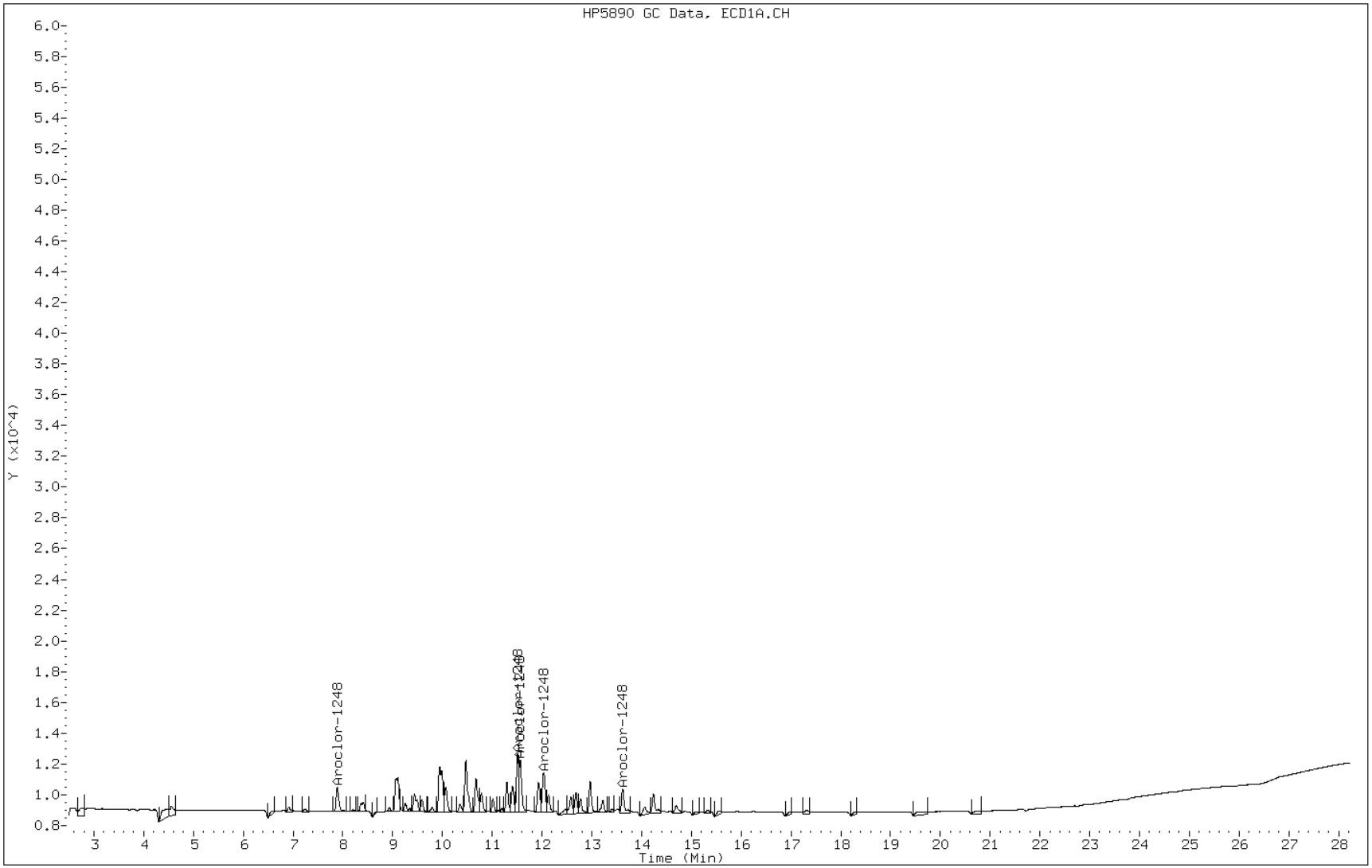
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	6135	25.0000	-2.4474	50.00- 150.00	100.00
11.510	11.506	0.004	11156	25.0000	-2.7860	41.73- 125.19	181.84
11.563	11.560	0.003	11892	25.0000	-3.3747	16.31- 48.91	193.83
12.033	12.033	0.000	10506	25.0000	-2.1998	16.50- 49.50	171.24
13.620	13.620	0.000	6038	25.0000	3.4541	11.54- 34.62	98.42
		Average of Peak Amounts =			-1.4708		

Data File: 007F0701.D

Date: 19-SEP-2011 15:28

Client ID: Instrument: GC_W.i

Sample Info: IC-900858,1248-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1248 Peak 1	10.053	10.053	10.053	10.057	10.057	10.057	10.057				9.857 - 10.257	10.055
PCB-1248 Peak 2	11.553	11.550	11.553	11.553	11.553	11.553	11.557				11.353 - 11.753	11.553
PCB-1248 Peak 3	12.477	12.473	12.477	12.473	12.477	12.477	12.480				12.277 - 12.677	12.476
PCB-1248 Peak 4	12.567	12.567	12.567	12.567	12.567	12.570	12.573				12.367 - 12.767	12.568
PCB-1248 Peak 5	14.083	14.083	14.083	14.083	14.083	14.087	14.090				13.883 - 14.283	14.085

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1248 Peak 1	575.60 369.60	521.70 342.71	473.08 321.34	414.18	Lin	-46.529778	318.090883							0.9949		0.9900
PCB-1248 Peak 2	489.00 293.17	437.28 267.22	394.43 251.00	335.16	Lin	-55.294427	246.672096							0.9937		0.9900
PCB-1248 Peak 3	541.04 336.11	488.50 306.72	441.87 286.38	381.45	Lin	-53.060559	282.947162							0.9933		0.9900
PCB-1248 Peak 4	652.80 400.46	582.52 370.81	517.74 342.63	448.79	Lin	-50.622502	340.133508							0.9937		0.9900
PCB-1248 Peak 5	361.76 239.46	329.00 222.29	326.99 213.63	272.96	Lin	-45.538612	209.272236							0.9961		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7180

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Lin	14390 257035	26085 321335	47308	103546	184799	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 2	Lin	12225 200414	21864 251003	39443	83791	146585	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 3	Lin	13526 230041	24425 286381	44187	95362	168055	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 4	Lin	16320 278106	29126 342631	51774	112197	200232	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 5	Lin	9044 166719	16450 213630	32699	68240	119731	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\001F0101.D
Lab Smp Id: IC-900845
Inj Date : 19-SEP-2011 12:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900845,1248-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

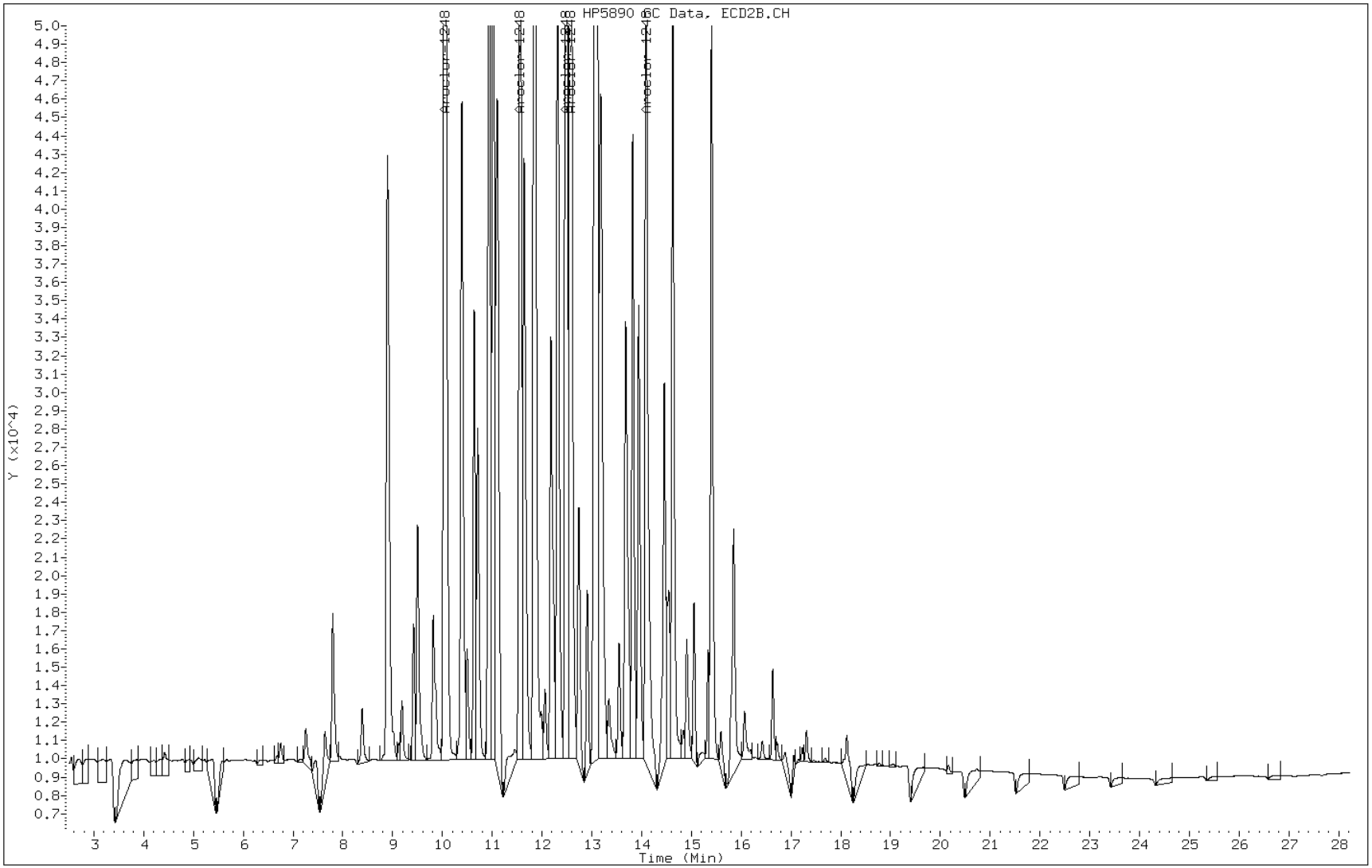
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.056	10.056	0.000	321335	1000.00	972.7	50.00- 150.00	100.00
11.556	11.553	0.003	251003	1000.00	968.3	47.98- 143.94	78.11
12.480	12.476	0.004	286381	1000.00	963.9	48.70- 146.09	89.12
12.573	12.566	0.007	342631	1000.00	963.3	56.67- 170.02	106.63
14.090	14.083	0.007	213630	1000.00	995.7	30.52- 91.56	66.48
Average of Peak Amounts =					972.780		

Data File: 001F0101.D

Date: 19-SEP-2011 12:17

Client ID: Instrument: GC_W.i

Sample Info: IC-900845,1248-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\002F0201.D
Lab Smp Id: IC-900846
Inj Date : 19-SEP-2011 12:49
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900846,1248-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

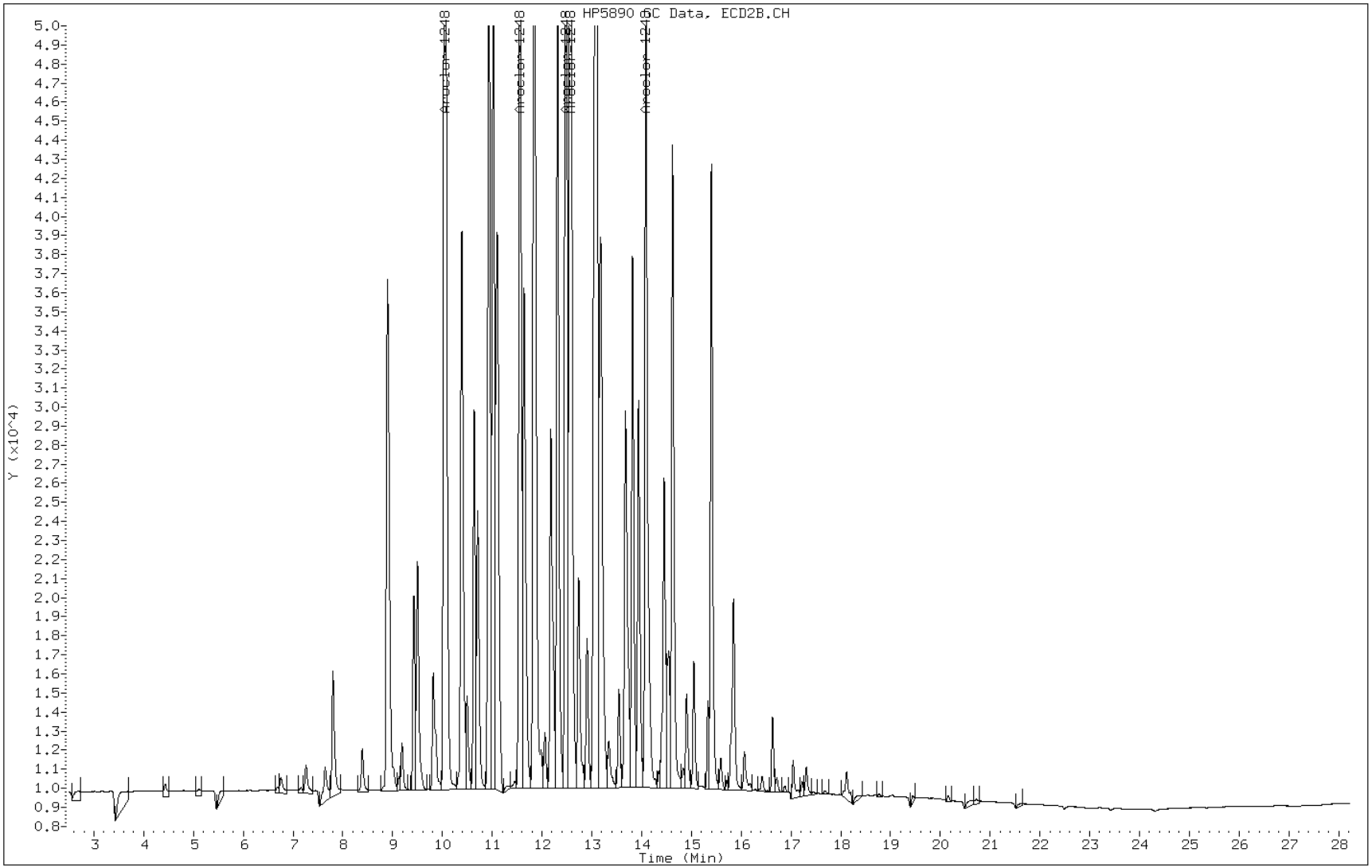
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.056	10.056	0.000	257035	750.000	758.2	50.00- 150.00	100.00
11.553	11.553	0.000	200414	750.000	753.3	47.98- 143.94	77.97
12.476	12.476	0.000	230041	750.000	755.4	48.70- 146.09	89.50
12.570	12.566	0.004	278106	750.000	761.1	56.67- 170.02	108.20
14.086	14.083	0.003	166719	750.000	753.1	30.52- 91.56	64.86
Average of Peak Amounts =					756.220		

Data File: 002F0201.D

Date: 19-SEP-2011 12:49

Client ID: Instrument: GC_W.i

Sample Info: IC-900846,1248-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\003F0301.D
Lab Smp Id: IC-900848
Inj Date : 19-SEP-2011 13:21
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900848,1248-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None

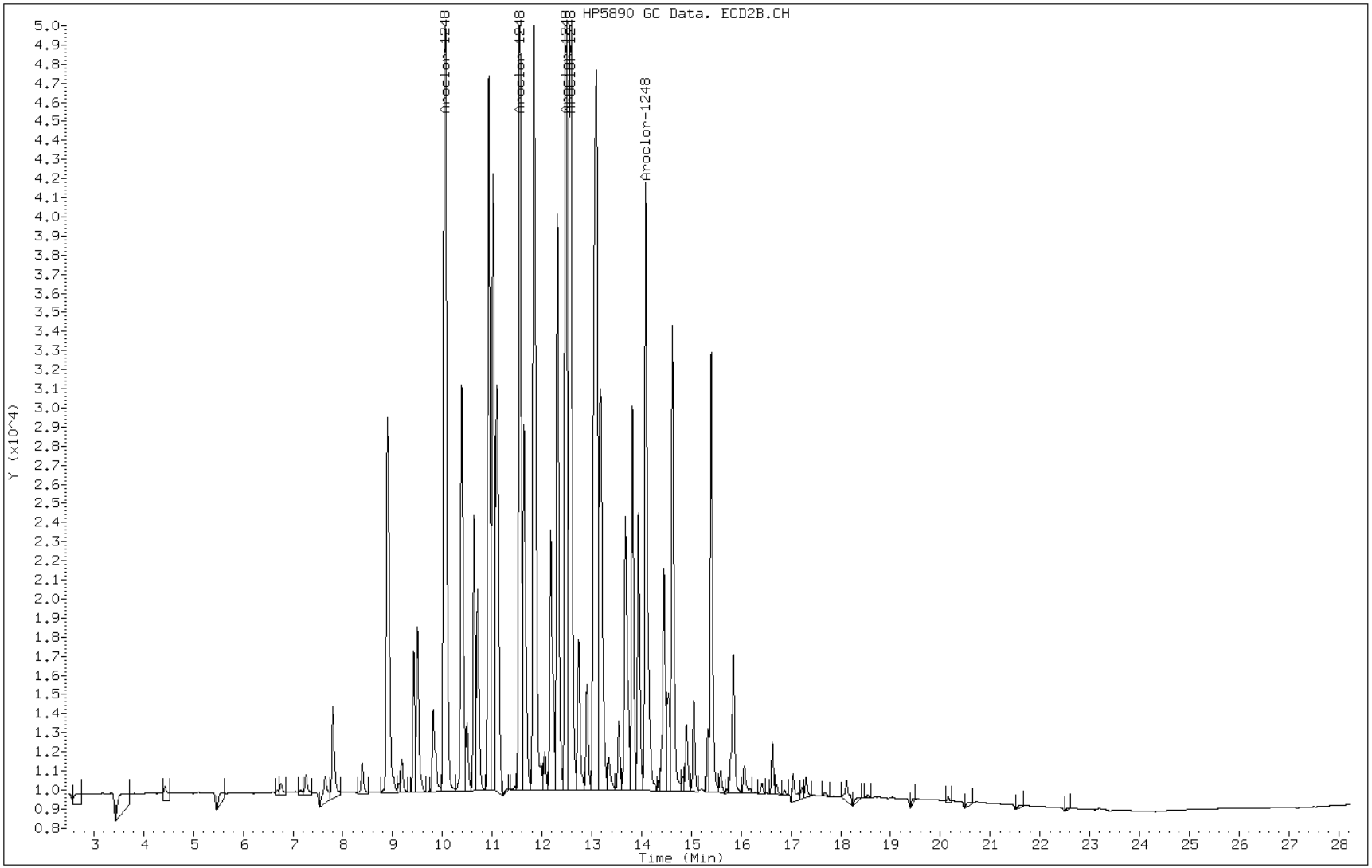
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.056	10.056	0.000	184799	500.000	534.4	50.00- 150.00	100.00
11.553	11.553	0.000	146585	500.000	539.0	47.98- 143.94	79.32
12.476	12.476	0.000	168055	500.000	540.9	48.70- 146.09	90.94
12.566	12.566	0.000	200232	500.000	538.1	56.67- 170.02	108.35
14.083	14.083	0.000	119731	500.000	526.6	30.52- 91.56	64.79
Average of Peak Amounts =					535.800		

Data File: 003F0301.D

Date: 19-SEP-2011 13:21

Client ID: Instrument: GC_W.i

Sample Info: IC-900848,1248-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\004F0401.D
Lab Smp Id: IC-900849
Inj Date : 19-SEP-2011 13:52
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900849,1248-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

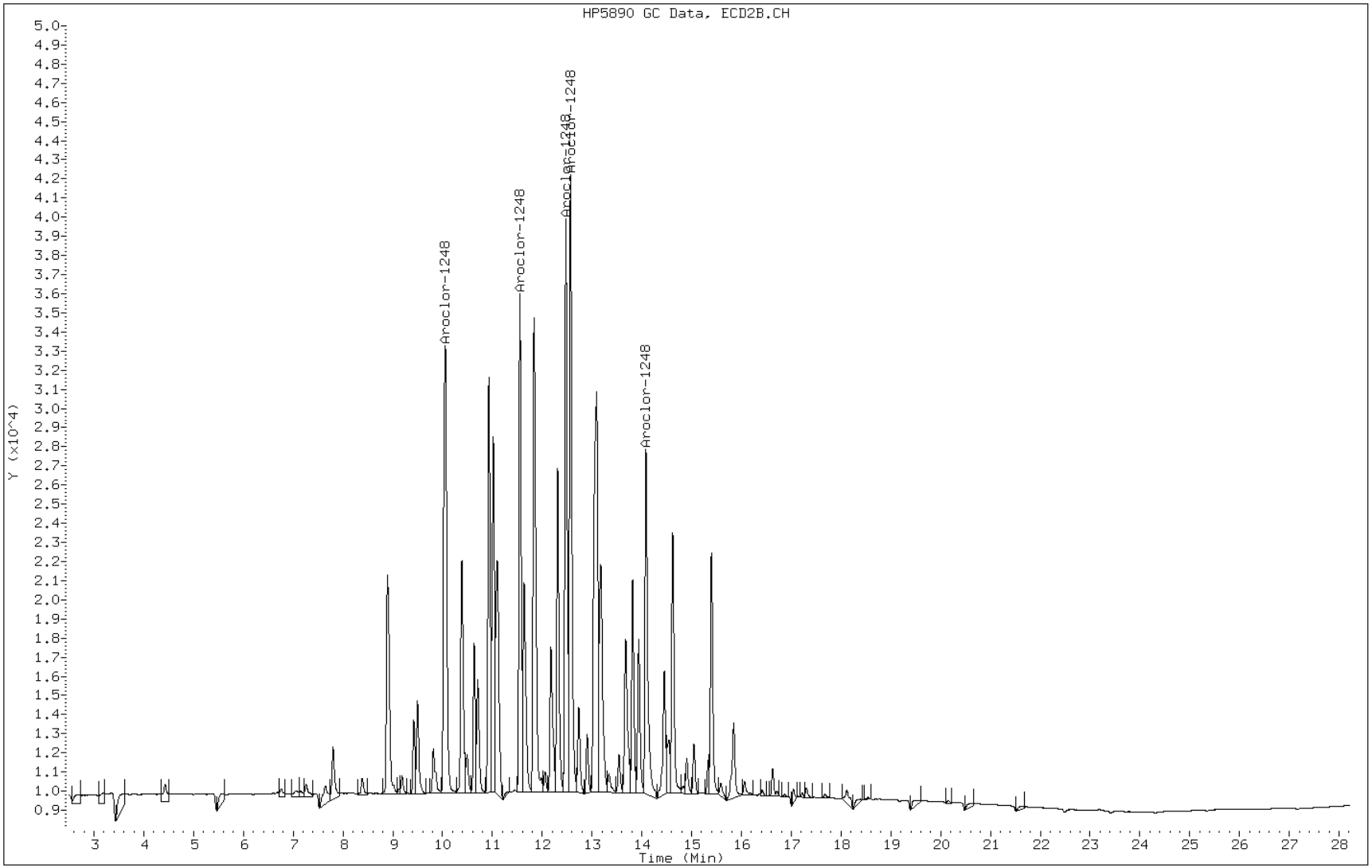
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.056	10.056	0.000	103546	250.000	285.5	50.00- 150.00	100.00
11.553	11.553	0.000	83791	250.000	291.5	47.98- 143.94	80.92
12.473	12.476	-0.003	95362	250.000	290.2	48.70- 146.09	92.10
12.566	12.566	0.000	112197	250.000	285.7	56.67- 170.02	108.35
14.083	14.083	0.000	68240	250.000	285.0	30.52- 91.56	65.90
Average of Peak Amounts =					287.580		

Data File: 004F0401.D

Date: 19-SEP-2011 13:52

Client ID: Instrument: GC_W.i

Sample Info: IC-900849,1248-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\005F0501.D
Lab Smp Id: IC-900852
Inj Date : 19-SEP-2011 14:24
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900852,1248-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

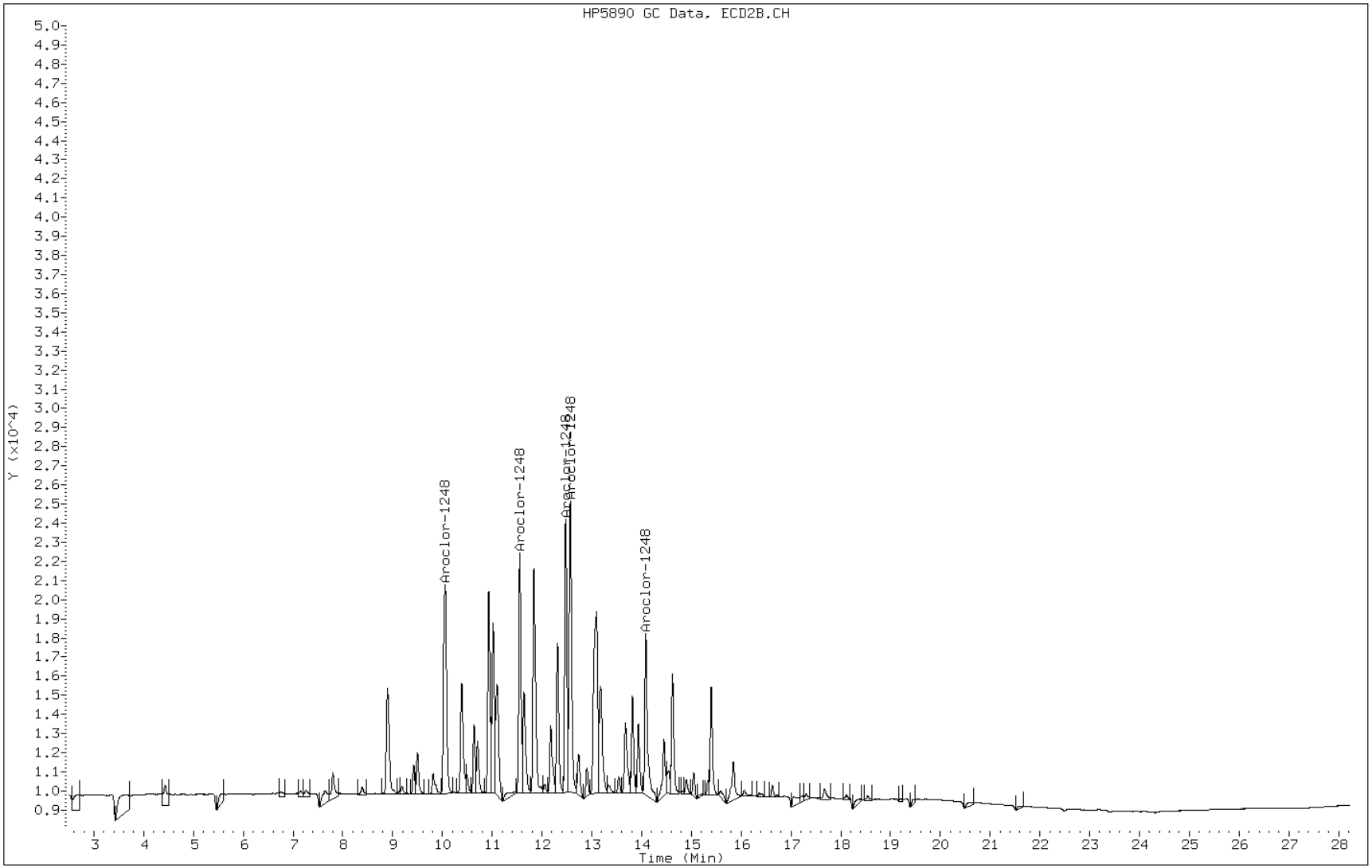
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.053	10.056	-0.003	47308	100.000	118.1	50.00- 150.00	100.00
11.553	11.553	0.000	39443	100.000	122.6	47.98- 143.94	83.37
12.476	12.476	0.000	44187	100.000	120.1	48.70- 146.09	93.40
12.566	12.566	0.000	51774	100.000	118.3	56.67- 170.02	109.44
14.083	14.083	0.000	32699	100.000	123.5	30.52- 91.56	69.12
Average of Peak Amounts =					120.520		

Data File: 005F0501.D

Date: 19-SEP-2011 14:24

Client ID: Instrument: GC_W.i

Sample Info: IC-900852,1248-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\006F0601.D
Lab Smp Id: IC-900856
Inj Date : 19-SEP-2011 14:56
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900856,1248-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

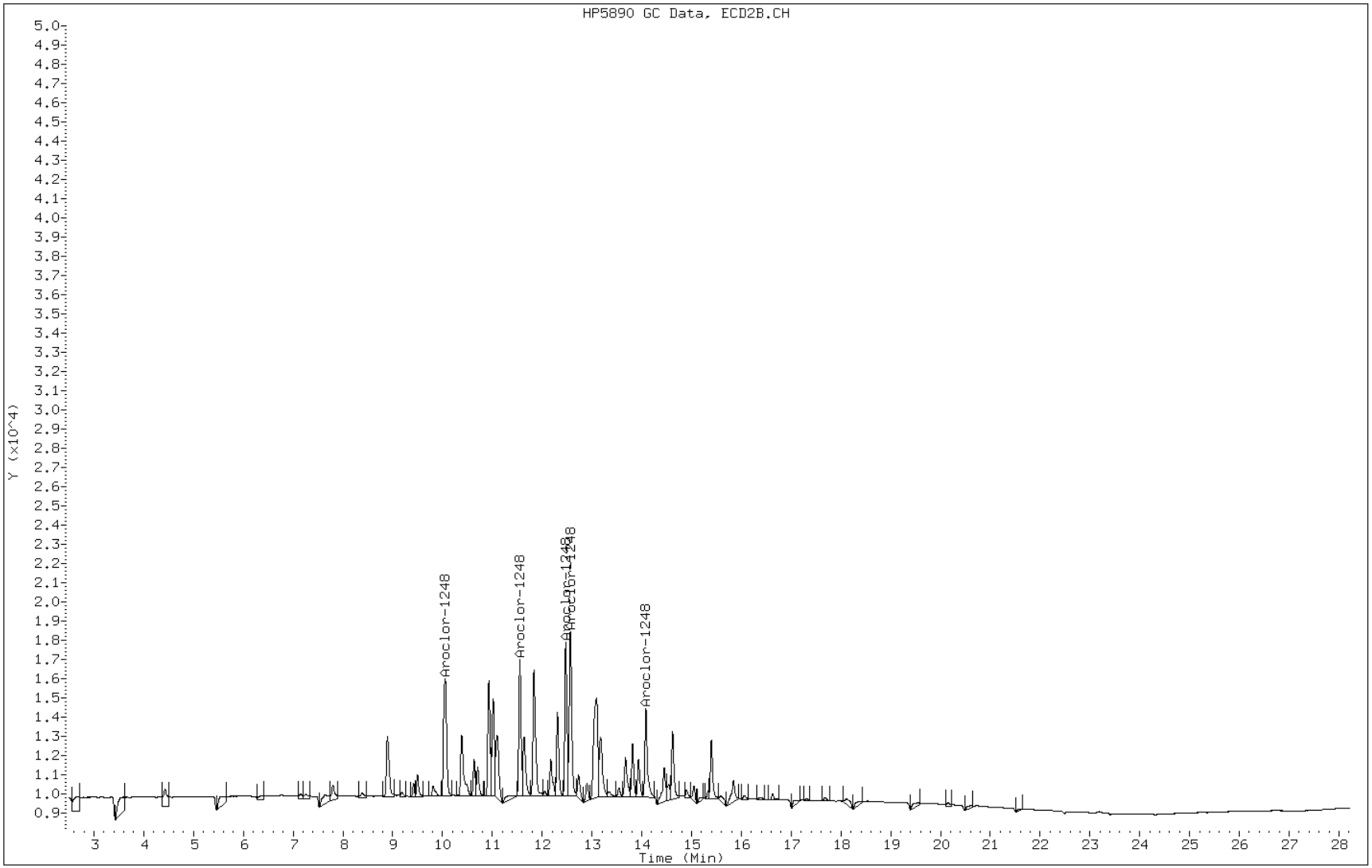
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.053	10.056	-0.003	26085	50.0000	54.31	50.00- 150.00	100.00
11.550	11.553	-0.003	21864	50.0000	55.03	47.98- 143.94	83.82
12.473	12.476	-0.003	24425	50.0000	53.98	48.70- 146.09	93.64
12.566	12.566	0.000	29126	50.0000	54.80	56.67- 170.02	111.66
14.083	14.083	0.000	16450	50.0000	50.29	30.52- 91.56	63.06
Average of Peak Amounts =					53.6820		

Data File: 006F0601.D

Date: 19-SEP-2011 14:56

Client ID: Instrument: GC_W.i

Sample Info: IC-900856,1248-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\007F0701.D
Lab Smp Id: IC-900858
Inj Date : 19-SEP-2011 15:28
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900858,1248-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

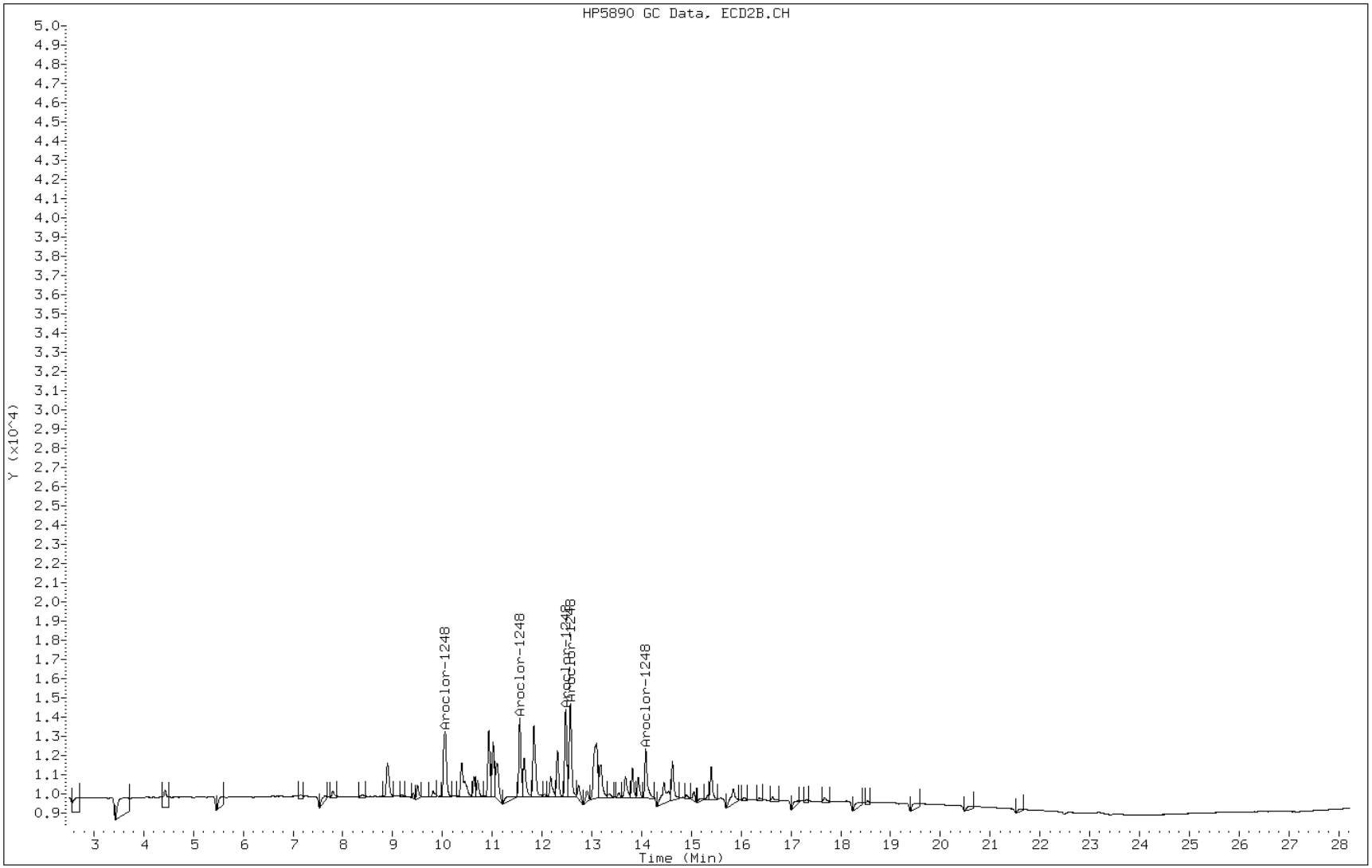
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.053	10.056	-0.003	14390	25.0000	17.65	50.00- 150.00	100.00
11.553	11.553	0.000	12225	25.0000	16.26	47.98- 143.94	84.95
12.476	12.476	0.000	13526	25.0000	16.61	48.70- 146.09	94.00
12.566	12.566	0.000	16320	25.0000	17.35	56.67- 170.02	113.41
14.083	14.083	0.000	9044	25.0000	17.00	30.52- 91.56	62.85
Average of Peak Amounts =					16.9740		

Data File: 007F0701.D

Date: 19-SEP-2011 15:28

Client ID: Instrument: GC_W.i

Sample Info: IC-900858,1248-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1221 Peak 1	6.393	6.393	6.397	6.393	6.393	6.393	6.393				6.193 - 6.593	6.394
PCB-1221 Peak 2	6.807	6.803	6.807	6.803	6.803	6.803	6.803				6.603 - 7.003	6.804
PCB-1221 Peak 3	6.913	6.913	6.913	6.910	6.910	6.910	6.910				6.710 - 7.110	6.911
PCB-1254 Peak 1	11.407	11.407	11.410	11.407	11.407	11.407	11.407				11.207 - 11.607	11.407
PCB-1254 Peak 2	12.050	12.047	12.050	12.047	12.047	12.047	12.047				11.847 - 12.247	12.048
PCB-1254 Peak 3	12.967	12.967	12.967	12.963	12.963	12.963	12.963				12.763 - 13.163	12.965
PCB-1254 Peak 4	14.060	14.060	14.060	14.057	14.057	14.057	14.057				13.857 - 14.257	14.058
PCB-1254 Peak 5	14.693	14.690	14.693	14.690	14.690	14.690	14.690				14.490 - 14.890	14.691

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1221 Peak 1	211.68 105.52	178.54 95.579	141.65 89.328	125.10	Lin	-66.815804	87.0041924							0.9928		0.9900
PCB-1221 Peak 2	107.88 69.832	98.000 63.500	89.900 59.059	77.552	Lin	-50.311763	58.6601599							0.9929		0.9900
PCB-1221 Peak 3	378.76 226.05	342.26 204.37	307.74 189.66	259.55	Lin	-59.668034	186.960404							0.9918		0.9900
PCB-1254 Peak 1	491.00 284.59	444.48 258.89	387.68 242.94	325.92	Lin	-58.438056	238.044811							0.9937		0.9900
PCB-1254 Peak 2	613.40 367.39	570.96 333.85	498.43 312.43	420.59	Lin	-58.040433	306.817319							0.9933		0.9900
PCB-1254 Peak 3	706.84 472.64	676.74 432.32	611.46 408.17	526.57	Lin	-47.813935	403.041164							0.9946		0.9900
PCB-1254 Peak 4	589.88 368.08	539.34 335.51	482.88 316.70	416.35	Lin	-51.680025	311.670644							0.9943		0.9900
PCB-1254 Peak 5	755.00 500.57	707.38 460.67	635.67 435.12	558.70	Lin	-45.826808	430.065862							0.9951		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Lin	5292 71684	8927 89328	14165	31275	52758	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 2	Lin	2697 47625	4900 59059	8990	19388	34916	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 3	Lin	9469 153279	17113 189660	30774	64888	113025	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 1	Lin	12275 194167	22224 242936	38768	81480	142296	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 2	Lin	15335 250390	28548 312433	49843	105148	183694	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 3	Lin	17671 324242	33837 408172	61146	131642	236322	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 4	Lin	14747 251635	26967 316704	48288	104088	184040	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 5	Lin	18875 345500	35369 435117	63567	139675	250283	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\008F0801.D
Lab Smp Id: IC-900864
Inj Date : 19-SEP-2011 16:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900864,2154-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

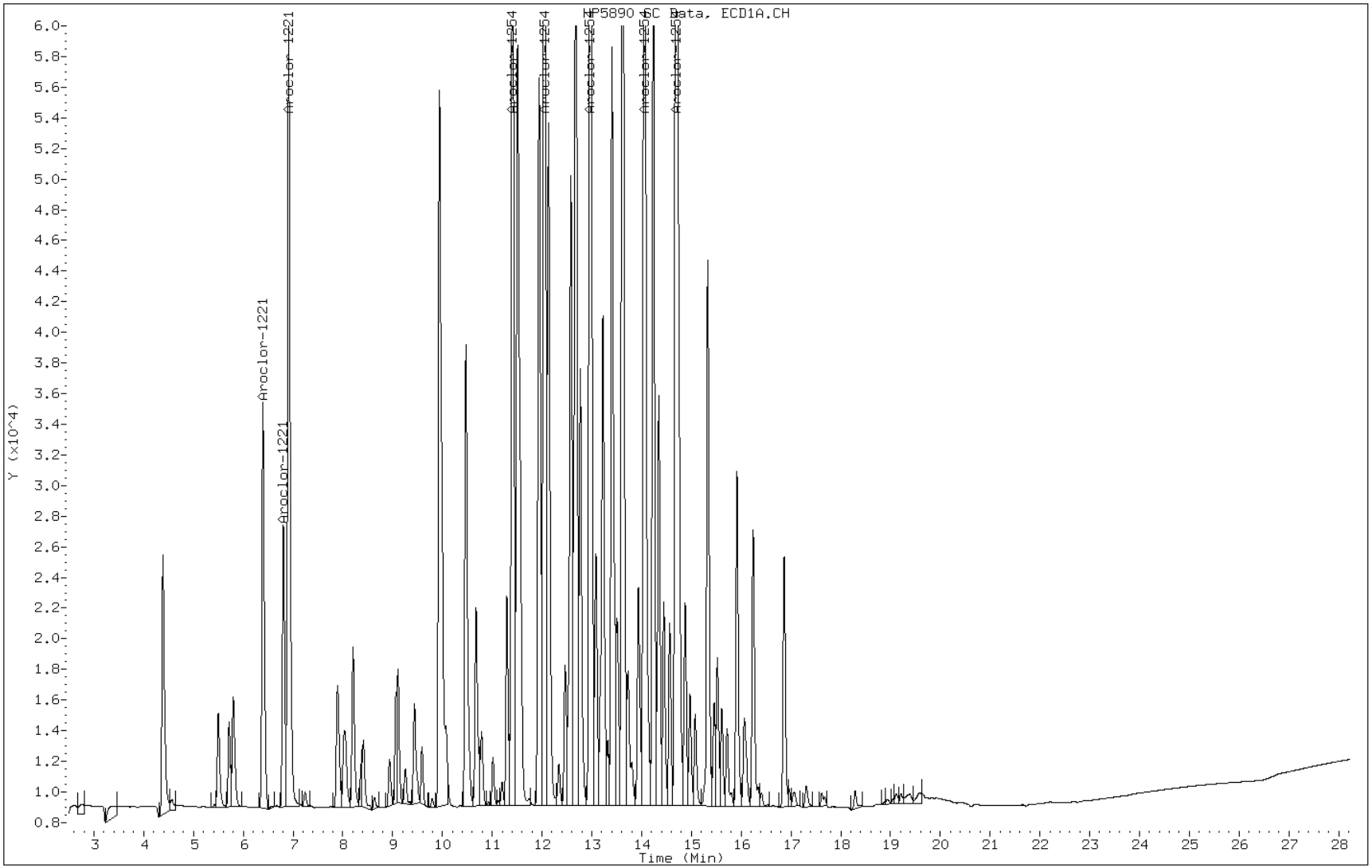
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	89328	1000.00	1007	50.00- 150.00	100.00
6.803	6.803	0.000	59059	1000.00	999.8	55.26- 165.78	66.11
6.910	6.910	0.000	189660	1000.00	994.0	317.01- 951.03	212.32
		Average of Peak Amounts =			1000.27		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	242936	1000.00	1008	50.00- 150.00	100.00
12.046	12.046	0.000	312433	1000.00	1000	11.81- 35.43	128.61
12.963	12.963	0.000	408172	1000.00	999.8	38.91- 116.75	168.02
14.056	14.056	0.000	316704	1000.00	998.1	305.32- 915.96	130.37
14.690	14.690	0.000	435117	1000.00	999.4	12.43- 37.29	179.11
		Average of Peak Amounts =			1001.06		

Data File: 008F0801.D

Date: 19-SEP-2011 16:00

Client ID: Instrument: GC_W.i

Sample Info: IC-900864,2154-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\009F0901.D
Lab Smp Id: IC-900865
Inj Date : 19-SEP-2011 16:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900865,2154-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

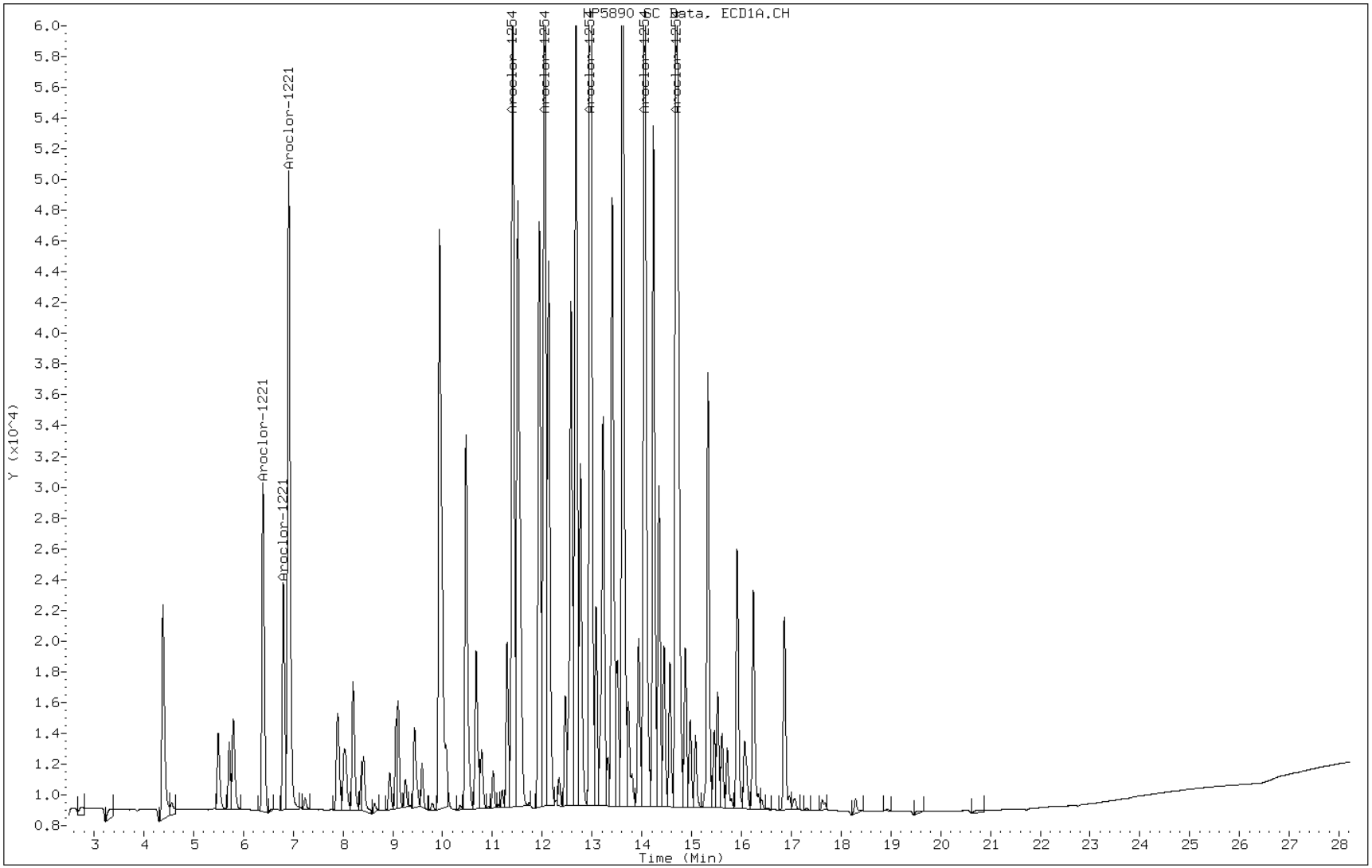
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	71684	750.000	775.5	50.00- 150.00	100.00
6.803	6.803	0.000	47625	750.000	776.2	55.26- 165.78	66.44
6.910	6.910	0.000	153279	750.000	774.4	317.01- 951.03	213.82
		Average of Peak Amounts =			775.367		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	194167	750.000	774.5	50.00- 150.00	100.00
12.046	12.046	0.000	250390	750.000	773.1	11.81- 35.43	128.96
12.963	12.963	0.000	324242	750.000	770.6	38.91- 116.75	166.99
14.056	14.056	0.000	251635	750.000	768.9	305.32- 915.96	129.60
14.690	14.690	0.000	345500	750.000	770.3	12.43- 37.29	177.94
		Average of Peak Amounts =			771.480		

Data File: 009F0901.D

Date: 19-SEP-2011 16:32

Client ID: Instrument: GC_W.i

Sample Info: IC-900865,2154-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\010F1001.D
Lab Smp Id: IC-900866
Inj Date : 19-SEP-2011 17:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900866,2154-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None

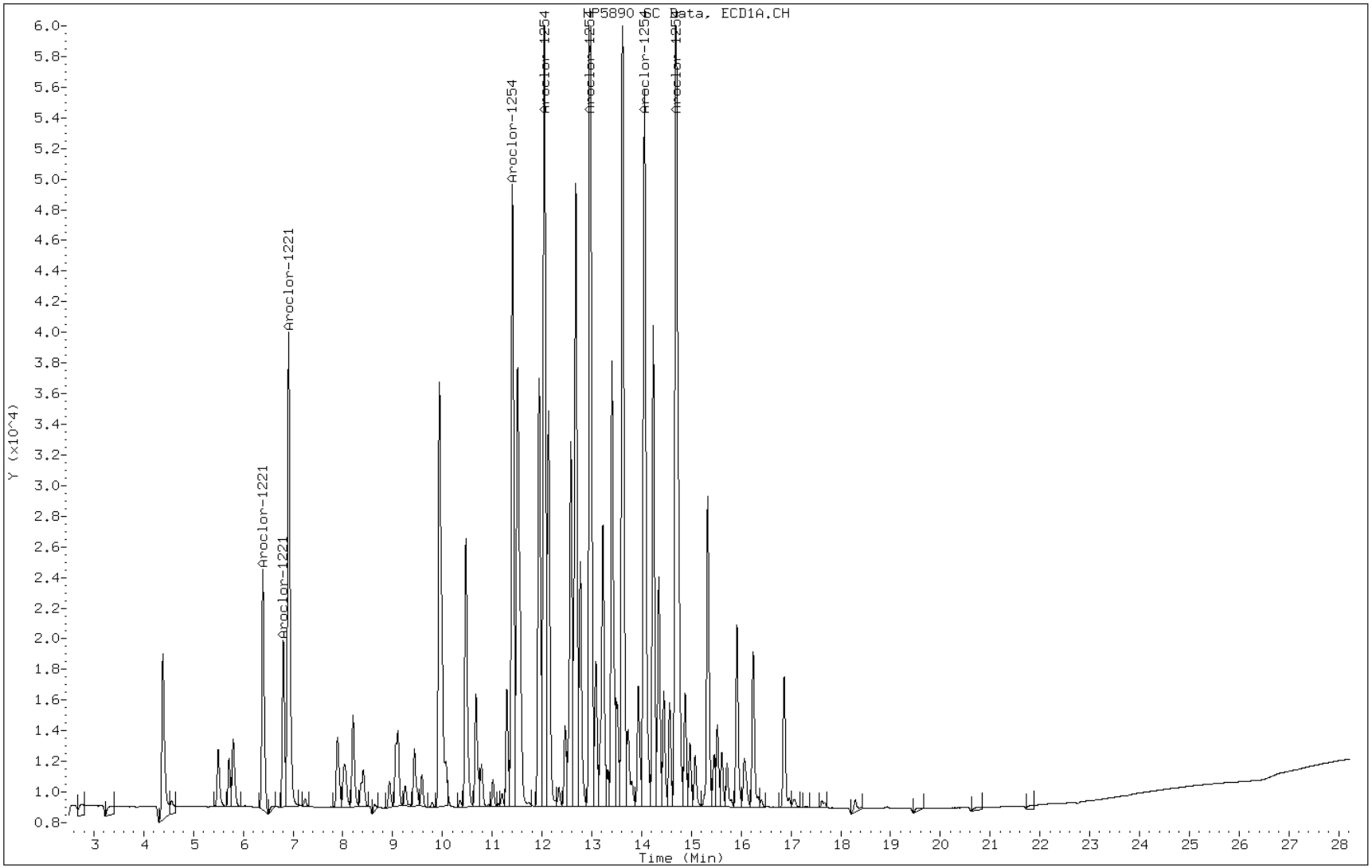
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	52758	500.000	539.6	50.00- 150.00	100.00
6.803	6.803	0.000	34916	500.000	544.9	55.26- 165.78	66.18
6.910	6.910	0.000	113025	500.000	544.9	317.01- 951.03	214.23
		Average of Peak Amounts =			543.133		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	142296	500.000	539.3	50.00- 150.00	100.00
12.046	12.046	0.000	183694	500.000	540.7	11.81- 35.43	129.09
12.963	12.963	0.000	236322	500.000	538.5	38.91- 116.75	166.08
14.056	14.056	0.000	184040	500.000	538.8	305.32- 915.96	129.34
14.690	14.690	0.000	250283	500.000	536.1	12.43- 37.29	175.89
		Average of Peak Amounts =			538.680		

Data File: 010F1001.D

Date: 19-SEP-2011 17:04

Client ID: Instrument: GC_W.i

Sample Info: IC-900866,2154-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\011F1101.D
Lab Smp Id: IC-900867
Inj Date : 19-SEP-2011 17:35
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900867,2154-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

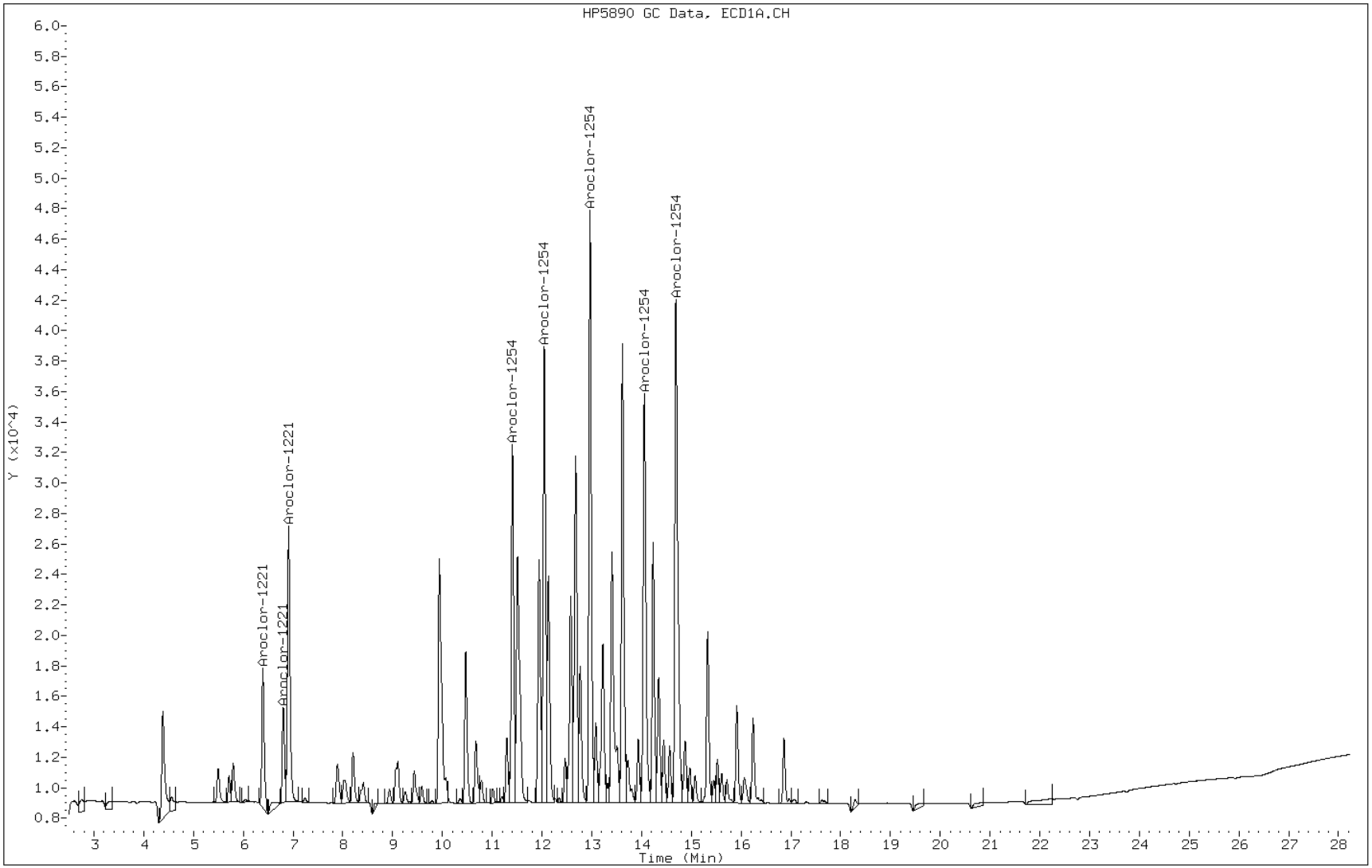
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	31275	250.000	298.0	50.00- 150.00	100.00
6.803	6.803	0.000	19388	250.000	283.9	55.26- 165.78	61.99
6.910	6.910	0.000	64888	250.000	292.2	317.01- 951.03	207.47
		Average of Peak Amounts =			291.367		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	81480	250.000	289.6	50.00- 150.00	100.00
12.046	12.046	0.000	105148	250.000	290.1	11.81- 35.43	129.05
12.963	12.963	0.000	131642	250.000	283.6	38.91- 116.75	161.56
14.056	14.056	0.000	104088	250.000	285.8	305.32- 915.96	127.75
14.690	14.690	0.000	139675	250.000	282.2	12.43- 37.29	171.42
		Average of Peak Amounts =			286.260		

Data File: 011F1101.D

Date: 19-SEP-2011 17:35

Client ID: Instrument: GC_W.i

Sample Info: IC-900867,2154-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\012F1201.D
Lab Smp Id: IC-900868
Inj Date : 19-SEP-2011 18:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900868,2154-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

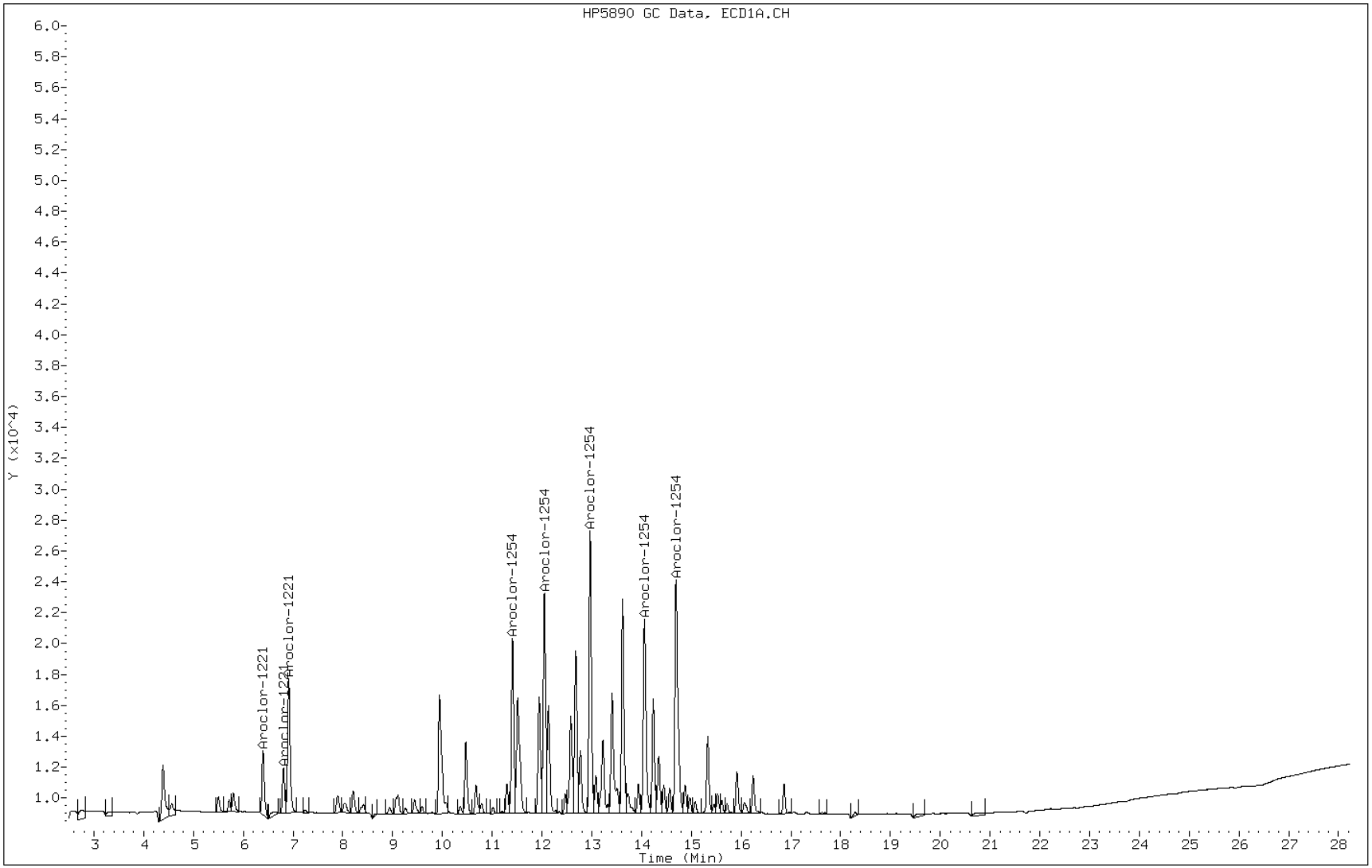
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.396	6.393	0.003	14165	100.000	102.3	50.00- 150.00	100.00
6.806	6.803	0.003	8990	100.000	105.5	55.26- 165.78	63.47
6.913	6.910	0.003	30774	100.000	108.2	317.01- 951.03	217.25
		Average of Peak Amounts =			105.333		
6 Aroclor-1254					CAS #: 11097-69-1		
11.410	11.406	0.004	38768	100.000	108.5	50.00- 150.00	100.00
12.050	12.046	0.004	49843	100.000	108.3	11.81- 35.43	128.57
12.966	12.963	0.003	61146	100.000	107.0	38.91- 116.75	157.72
14.060	14.056	0.004	48288	100.000	105.2	305.32- 915.96	124.56
14.693	14.690	0.003	63567	100.000	103.7	12.43- 37.29	163.97
		Average of Peak Amounts =			106.540		

Data File: 012F1201.D

Date: 19-SEP-2011 18:07

Client ID: Instrument: GC_W.i

Sample Info: IC-900868,2154-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\013F1301.D
Lab Smp Id: IC-900869
Inj Date : 19-SEP-2011 18:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900869,2154-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

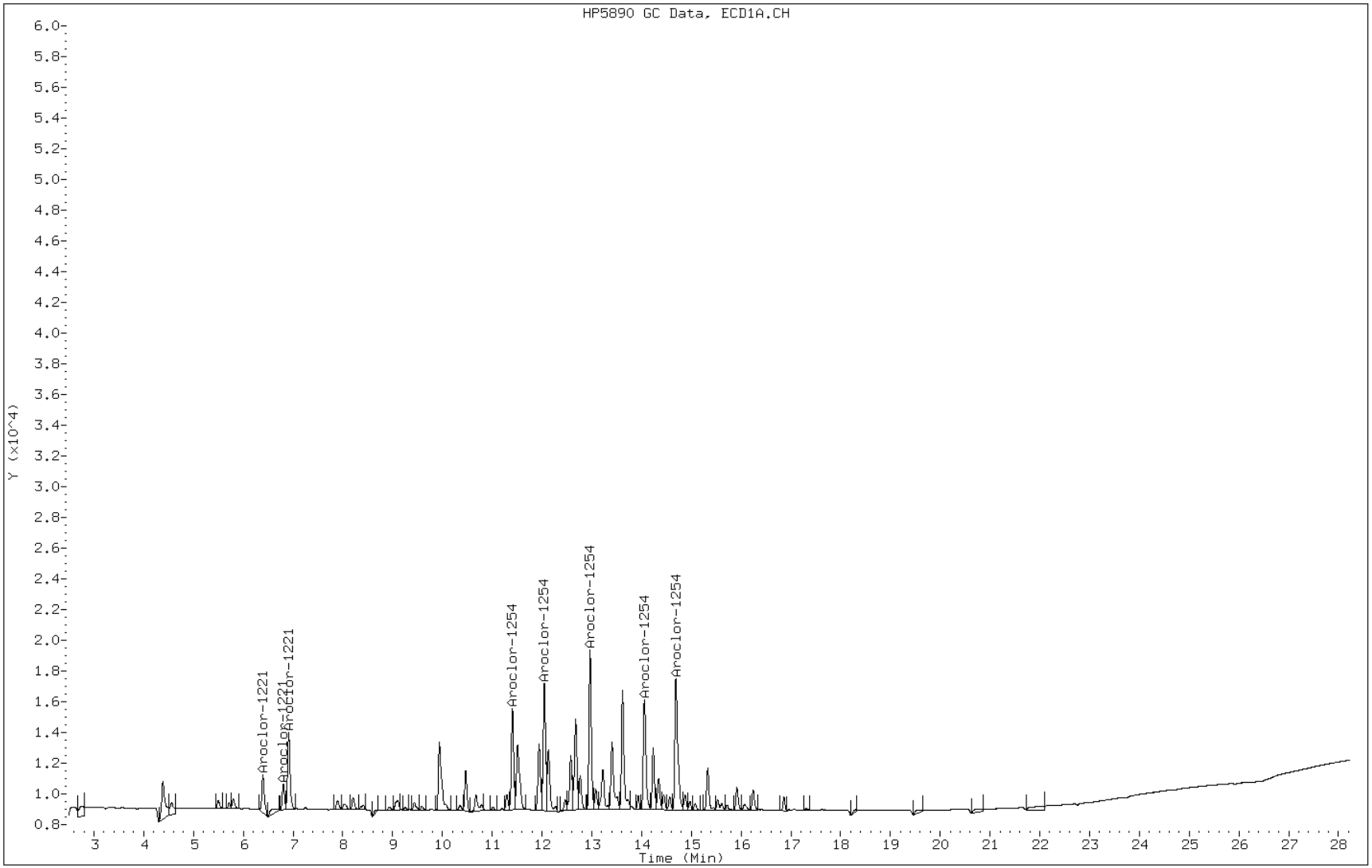
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	8927	50.0000	36.41	50.00- 150.00	100.00
6.803	6.803	0.000	4900	50.0000	34.25	55.26- 165.78	54.90
6.913	6.910	0.003	17113	50.0000	33.15	317.01- 951.03	191.70
		Average of Peak Amounts =			34.6033		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	22224	50.0000	36.31	50.00- 150.00	100.00
12.046	12.046	0.000	28548	50.0000	36.19	11.81- 35.43	128.46
12.966	12.963	0.003	33837	50.0000	36.88	38.91- 116.75	152.25
14.060	14.056	0.004	26967	50.0000	35.22	305.32- 915.96	121.34
14.690	14.690	0.000	35369	50.0000	36.49	12.43- 37.29	159.14
		Average of Peak Amounts =			36.2180		

Data File: 013F1301.D

Date: 19-SEP-2011 18:39

Client ID: Instrument: GC_W.i

Sample Info: IC-900869,2154-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\014F1401.D
Lab Smp Id: IC-900870
Inj Date : 19-SEP-2011 19:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900870,2154-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 14 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

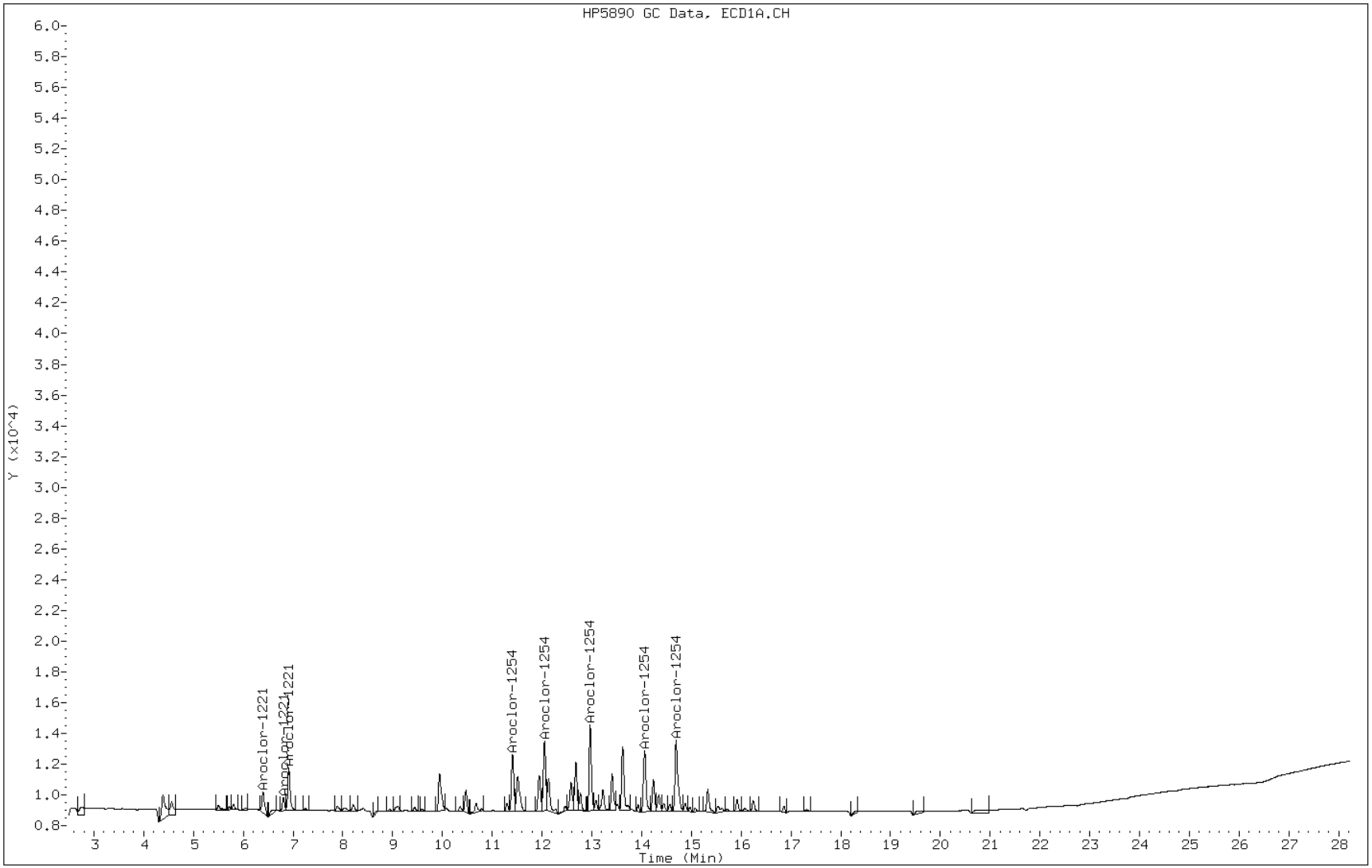
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	5292	25.0000	-5.9911	50.00- 150.00	100.00
6.806	6.803	0.003	2697	25.0000	-4.3351	55.26- 165.78	50.97
6.913	6.910	0.003	9469	25.0000	-9.0209	317.01- 951.03	178.94
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	12275	25.0000	-6.8721	50.00- 150.00	100.00
12.050	12.046	0.004	15335	25.0000	-8.0596	11.81- 35.43	124.92
12.966	12.963	0.003	17671	25.0000	-3.9698	38.91- 116.75	143.95
14.060	14.056	0.004	14747	25.0000	-4.3640	305.32- 915.96	120.13
14.693	14.690	0.003	18875	25.0000	-1.9382	12.43- 37.29	153.77

Data File: 014F1401.D

Date: 19-SEP-2011 19:11

Client ID: Instrument: GC_W.i

Sample Info: IC-900870,2154-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7181

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1221 Peak 1	7.253	7.253	7.253	7.250	7.250	7.250	7.253				7.050 - 7.450	7.252
PCB-1221 Peak 2	7.643	7.643	7.643	7.640	7.640	7.640	7.640				7.440 - 7.840	7.641
PCB-1221 Peak 3	7.800	7.800	7.800	7.797	7.797	7.797	7.797				7.597 - 7.997	7.798
PCB-1254 Peak 1	12.560	12.560	12.560	12.560	12.560	12.560	12.560				12.360 - 12.760	12.560
PCB-1254 Peak 2	13.037	13.037	13.037	13.037	13.037	13.037	13.037				12.837 - 13.237	13.037
PCB-1254 Peak 3	14.083	14.083	14.083	14.080	14.080	14.080	14.083				13.880 - 14.280	14.082
PCB-1254 Peak 4	15.047	15.047	15.047	15.047	15.047	15.043	15.047				14.847 - 15.247	15.046
PCB-1254 Peak 5	15.843	15.843	15.843	15.840	15.840	15.840	15.843				15.640 - 16.040	15.842

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7181

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1221 Peak 1	169.72 112.45	156.38 103.97	141.00 100.72	127.39	Lin	-41.509087	98.7788625							0.9966		0.9900
PCB-1221 Peak 2	44.760 75.130	75.300 70.579	84.570 71.686	77.768	Lin	-8.8941507	71.2274564							0.9985		0.9900
PCB-1221 Peak 3	410.32 249.03	388.08 224.72	338.01 210.98	286.88	Lin	-59.097328	206.953045							0.9928		0.9900
PCB-1254 Peak 1	635.04 370.78	566.40 335.08	506.59 313.13	425.06	Lin	-59.572580	307.551268							0.9927		0.9900
PCB-1254 Peak 2	733.20 428.21	661.26 389.80	589.34 361.62	492.46	Lin	-60.101089	355.821070							0.9925		0.9900
PCB-1254 Peak 3	841.36 526.25	777.36 477.45	699.61 448.51	600.05	Lin	-54.392405	441.657661							0.9933		0.9900
PCB-1254 Peak 4	428.28 278.81	403.90 255.54	374.91 237.17	316.86	Lin	-53.287644	234.855586							0.9928		0.9900
PCB-1254 Peak 5	915.64 572.95	813.54 528.22	747.01 493.83	644.78	Lin	-49.501077	488.475366							0.9943		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7181

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Lin	4243 77975	7819 100724	14100	31848	56226	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 2	Lin	1119 52934	3765 71686	8457	19442	37565	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 3	Lin	10258 168539	19404 210975	33801	71719	124516	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 1	Lin	15876 251312	28320 313126	50659	106266	185392	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 2	Lin	18330 292352	33063 361616	58934	123116	214107	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 3	Lin	21034 358085	38868 448509	69961	150012	263125	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 4	Lin	10707 191658	20195 237174	37491	79214	139404	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 5	Lin	22891 396168	40677 493826	74701	161194	286475	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\008F0801.D
Lab Smp Id: IC-900864
Inj Date : 19-SEP-2011 16:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900864,2154-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None

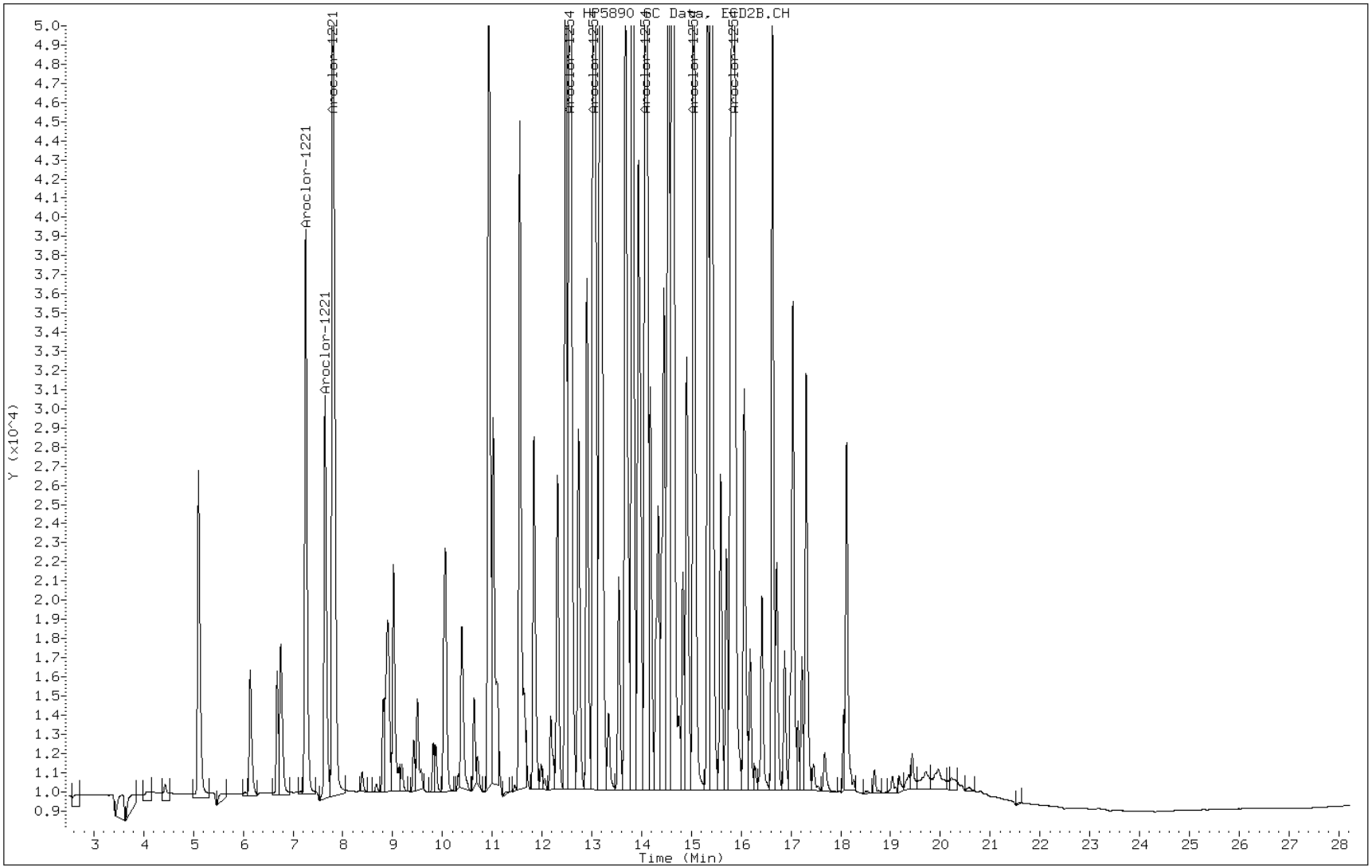
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.253	7.250	0.003	100724	1000.00	978.2	80.00- 120.00	100.00
7.640	7.640	0.000	71686	1000.00	997.5	35.47- 106.40	71.17
7.796	7.796	0.000	210975	1000.00	960.3	110.25- 330.76	209.46
		Average of Peak Amounts =			978.667		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	313126	1000.00	958.6	80.00- 120.00	100.00
13.036	13.036	0.000	361616	1000.00	956.2	57.99- 173.98	115.49
14.083	14.080	0.003	448509	1000.00	961.1	71.94- 215.81	143.24
15.046	15.046	0.000	237174	1000.00	956.6	37.01- 111.04	75.74
15.843	15.840	0.003	493826	1000.00	961.4	77.19- 231.58	157.71
		Average of Peak Amounts =			958.780		

Data File: 008F0801.D

Date: 19-SEP-2011 16:00

Client ID: Instrument: GC_W.i

Sample Info: IC-900864,2154-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\009F0901.D
Lab Smp Id: IC-900865
Inj Date : 19-SEP-2011 16:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900865,2154-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:45 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.250	7.250	0.000	77975	750.000	747.9	80.00- 120.00	100.00(M)
7.640	7.640	0.000	52934	750.000	734.3	35.47- 106.40	67.89
7.796	7.796	0.000	168539	750.000	755.3	110.25- 330.76	216.14
		Average of Peak Amounts =			745.833		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	251312	750.000	757.6	80.00- 120.00	100.00
13.036	13.036	0.000	292352	750.000	761.5	57.99- 173.98	116.33
14.080	14.080	0.000	358085	750.000	756.4	71.94- 215.81	142.49
15.043	15.046	-0.003	191658	750.000	762.8	37.01- 111.04	76.26
15.840	15.840	0.000	396168	750.000	761.5	77.19- 231.58	157.64
		Average of Peak Amounts =			759.960		

QC Flag Legend

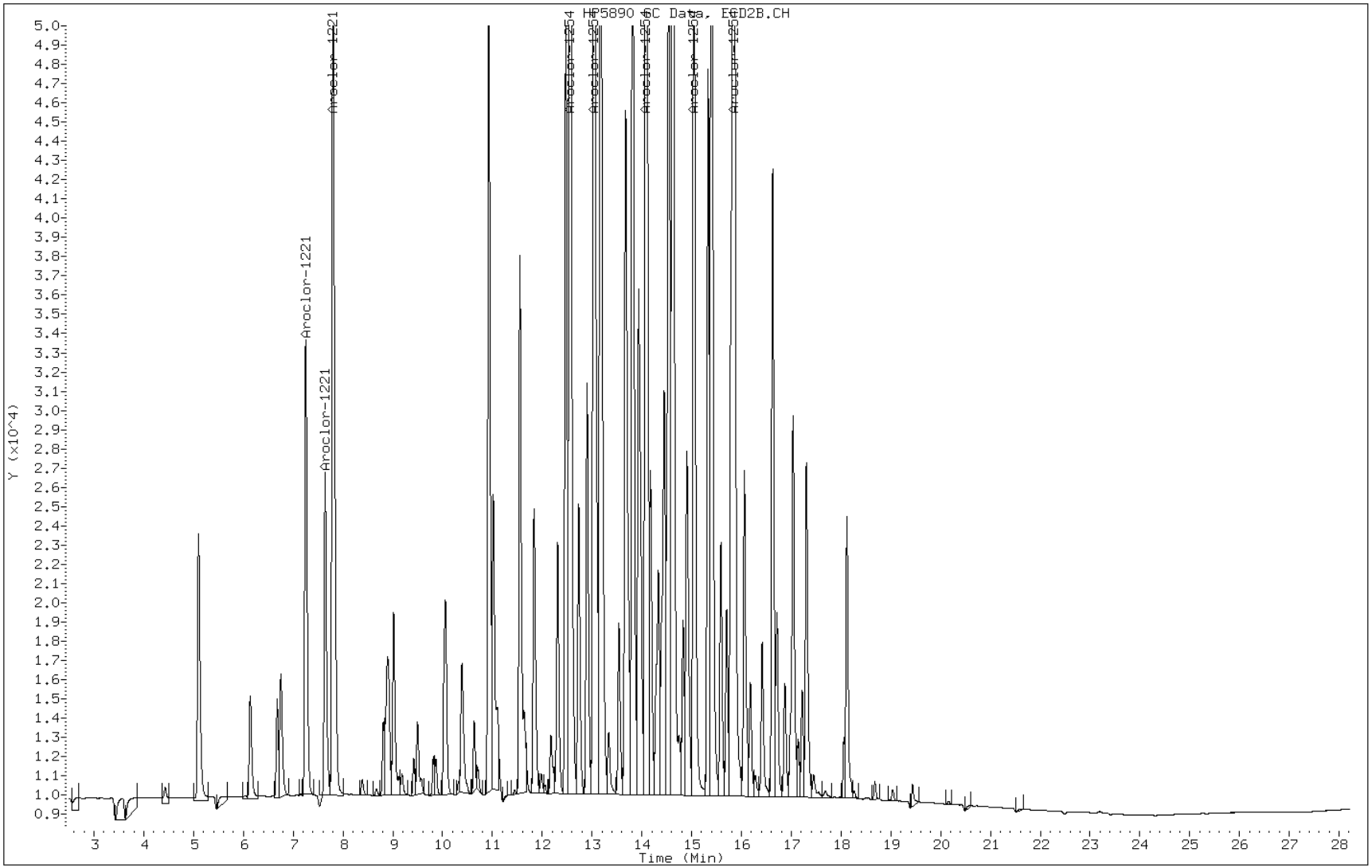
M - Compound response manually integrated.

Data File: 009F0901.D

Date: 19-SEP-2011 16:32

Client ID: Instrument: GC_W.i

Sample Info: IC-900865,2154-5 Operator: JAX



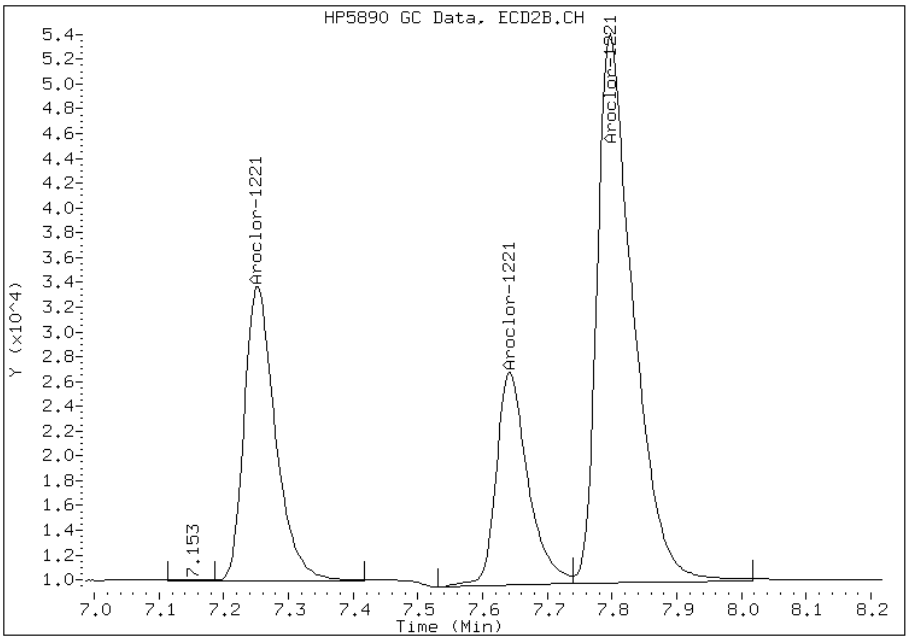
Manual Integration Report

Data File: 009F0901.D
Inj. Date and Time: 19-SEP-2011 16:32
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	80381*	767.72
7.64	58609*	770.87
7.80	171394*	770.93

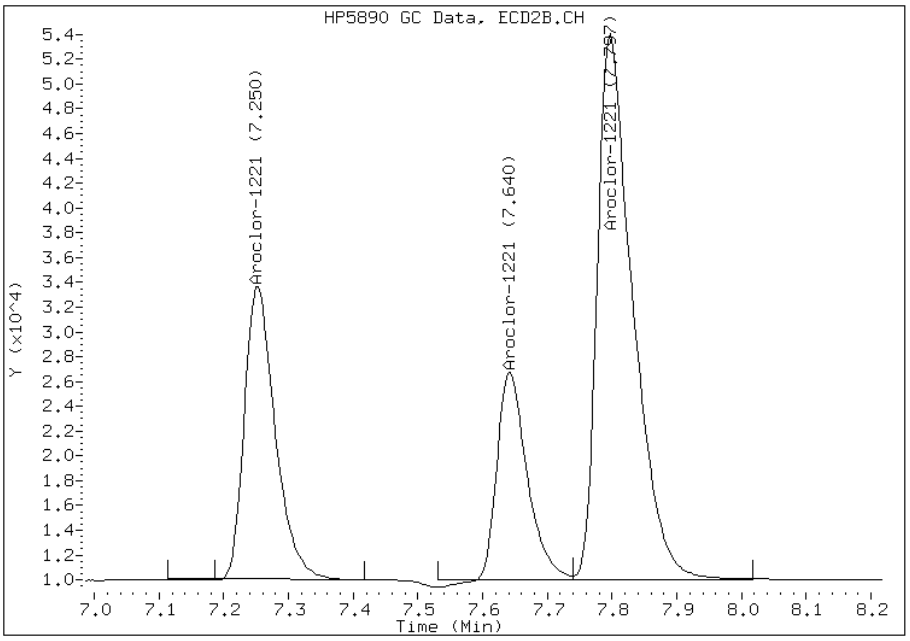
Final Conc		769.80



Manual Integration Results

RT	Response	Conc
7.25	77975*	747.88
7.64	52934*	734.27
7.80	168539*	755.29

Final Conc		745.80



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\010F1001.D
Lab Smp Id: IC-900866
Inj Date : 19-SEP-2011 17:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900866,2154-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:45 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.250	7.250	0.000	56226	500.000	527.7	80.00- 120.00	100.00(M)
7.640	7.640	0.000	37565	500.000	518.5	35.47- 106.40	66.81
7.796	7.796	0.000	124516	500.000	542.6	110.25- 330.76	221.46
		Average of Peak Amounts =			529.600		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	185392	500.000	543.2	80.00- 120.00	100.00(M)
13.036	13.036	0.000	214107	500.000	541.6	57.99- 173.98	115.49
14.080	14.080	0.000	263125	500.000	541.4	71.94- 215.81	141.93
15.046	15.046	0.000	139404	500.000	540.3	37.01- 111.04	75.19
15.840	15.840	0.000	286475	500.000	537.0	77.19- 231.58	154.52
		Average of Peak Amounts =			540.700		

QC Flag Legend

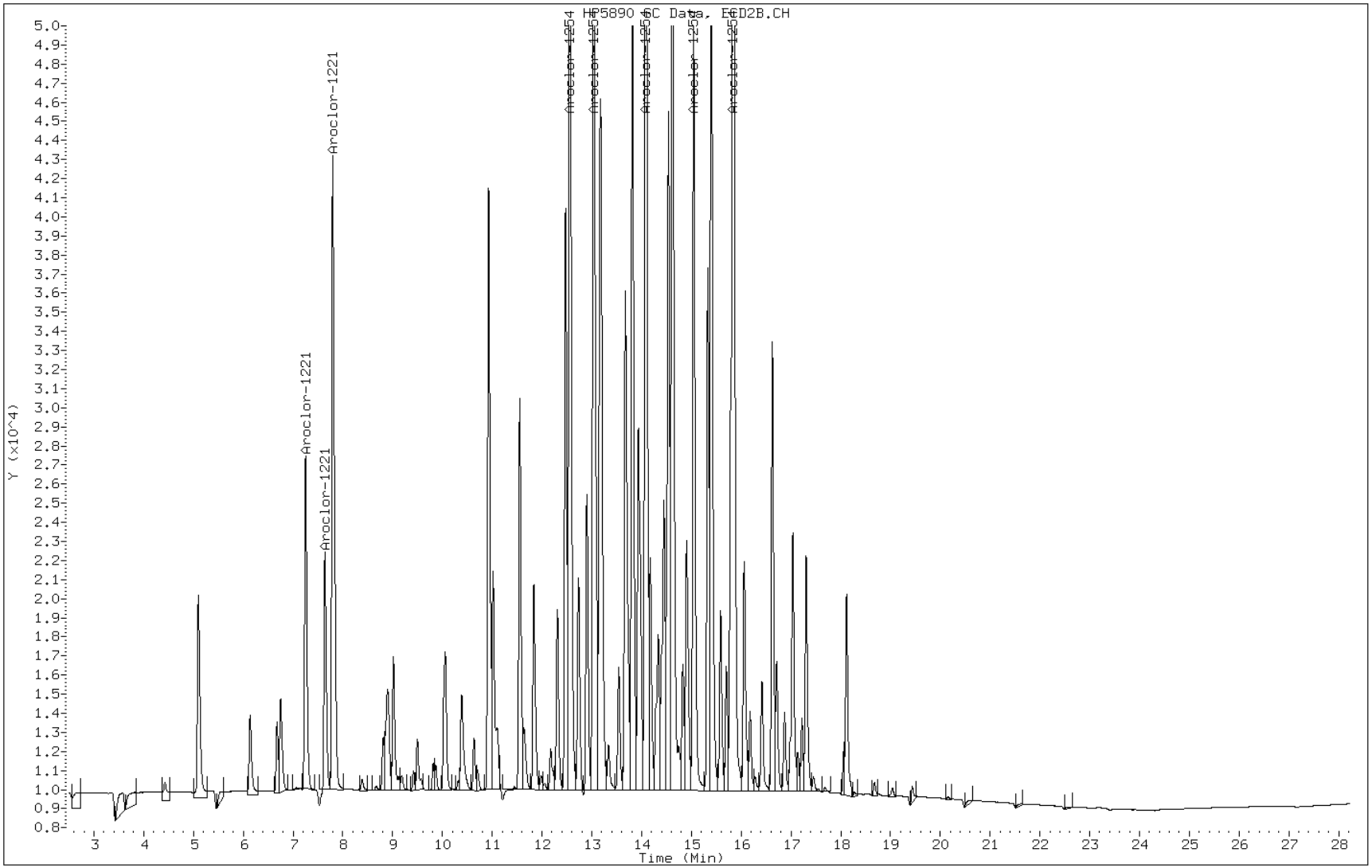
M - Compound response manually integrated.

Data File: 010F1001.D

Date: 19-SEP-2011 17:04

Client ID: Instrument: GC_W.i

Sample Info: IC-900866,2154-4 Operator: JAX



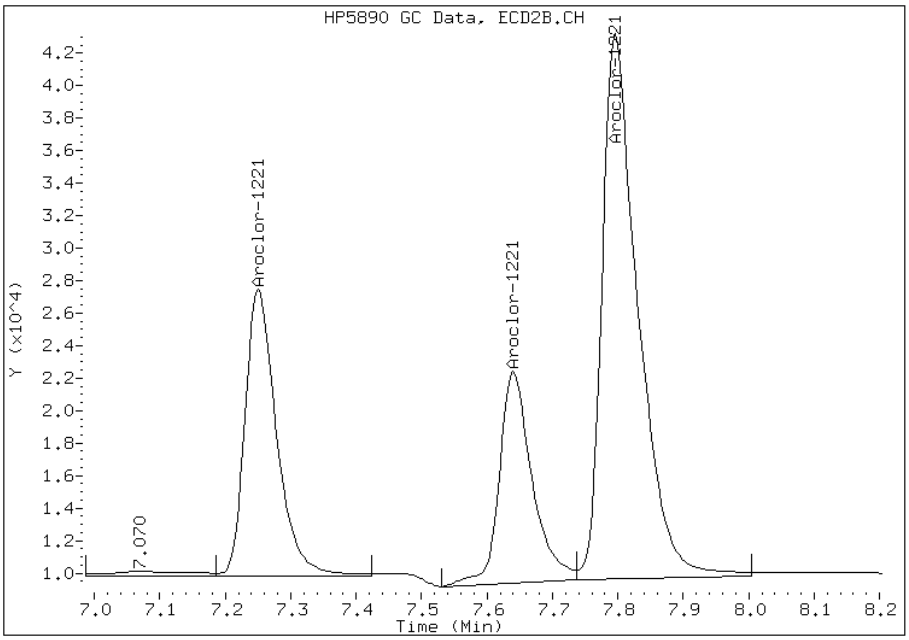
Manual Integration Report

Data File: 010F1001.D
Inj. Date and Time: 19-SEP-2011 17:04
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	59591*	546.80
7.64	45594*	564.08
7.80	129035*	555.86

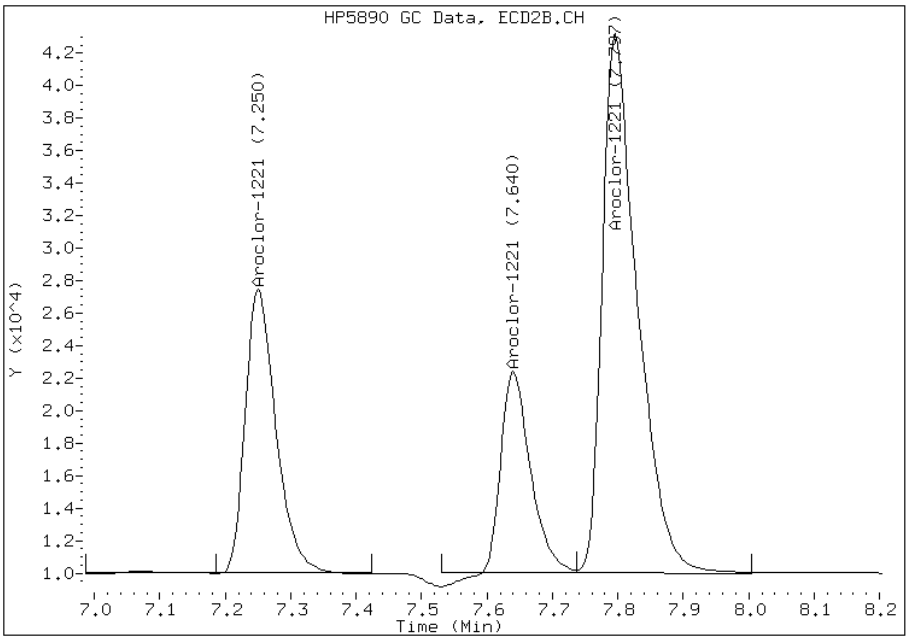
Final Conc		555.60



Manual Integration Results

RT	Response	Conc
7.25	56226*	527.70
7.64	37565*	518.50
7.80	124516*	542.57

Final Conc		529.60



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

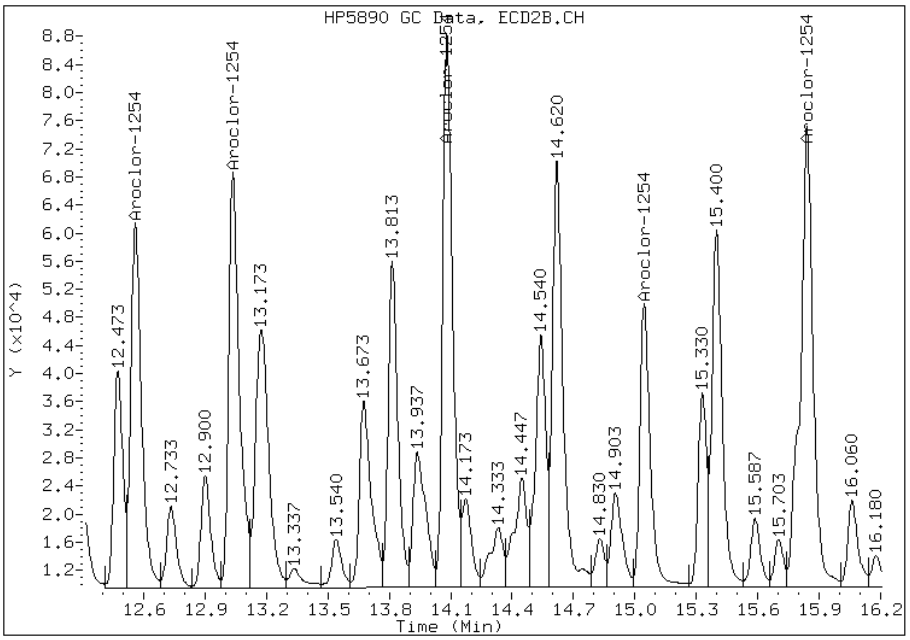
Manual Integration Report

Data File: 010F1001.D
Inj. Date and Time: 19-SEP-2011 17:04
Instrument ID: GC_W.i
Client ID:
Compound: 6 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
12.56	188852*	549.67
13.04	217068*	546.65
14.08	264613*	543.42
15.05	144059*	553.61
15.84	290015*	542.05

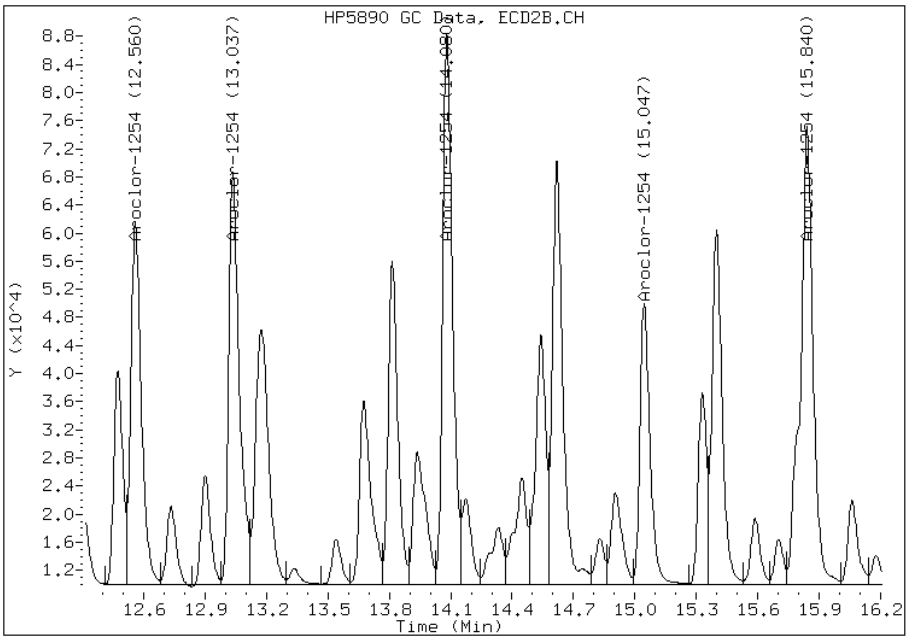
Final Conc		547.10



Manual Integration Results

RT	Response	Conc
12.56	185392*	543.23
13.04	214107*	541.63
14.08	263125*	541.37
15.05	139404*	540.29
15.84	286475*	536.97

Final Conc		540.70



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\011F1101.D
Lab Smp Id: IC-900867
Inj Date : 19-SEP-2011 17:35
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900867,2154-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:45 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.250	7.250	0.000	31848	250.000	280.9	80.00- 120.00	100.00(M)
7.640	7.640	0.000	19442	250.000	264.1	35.47- 106.40	61.05
7.796	7.796	0.000	71719	250.000	287.4	110.25- 330.76	225.19
		Average of Peak Amounts =			277.467		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	106266	250.000	286.0	80.00- 120.00	100.00(M)
13.036	13.036	0.000	123116	250.000	285.9	57.99- 173.98	115.86
14.080	14.080	0.000	150012	250.000	285.3	71.94- 215.81	141.17
15.046	15.046	0.000	79214	250.000	284.0	37.01- 111.04	74.54
15.840	15.840	0.000	161194	250.000	280.5	77.19- 231.58	151.69
		Average of Peak Amounts =			284.340		

QC Flag Legend

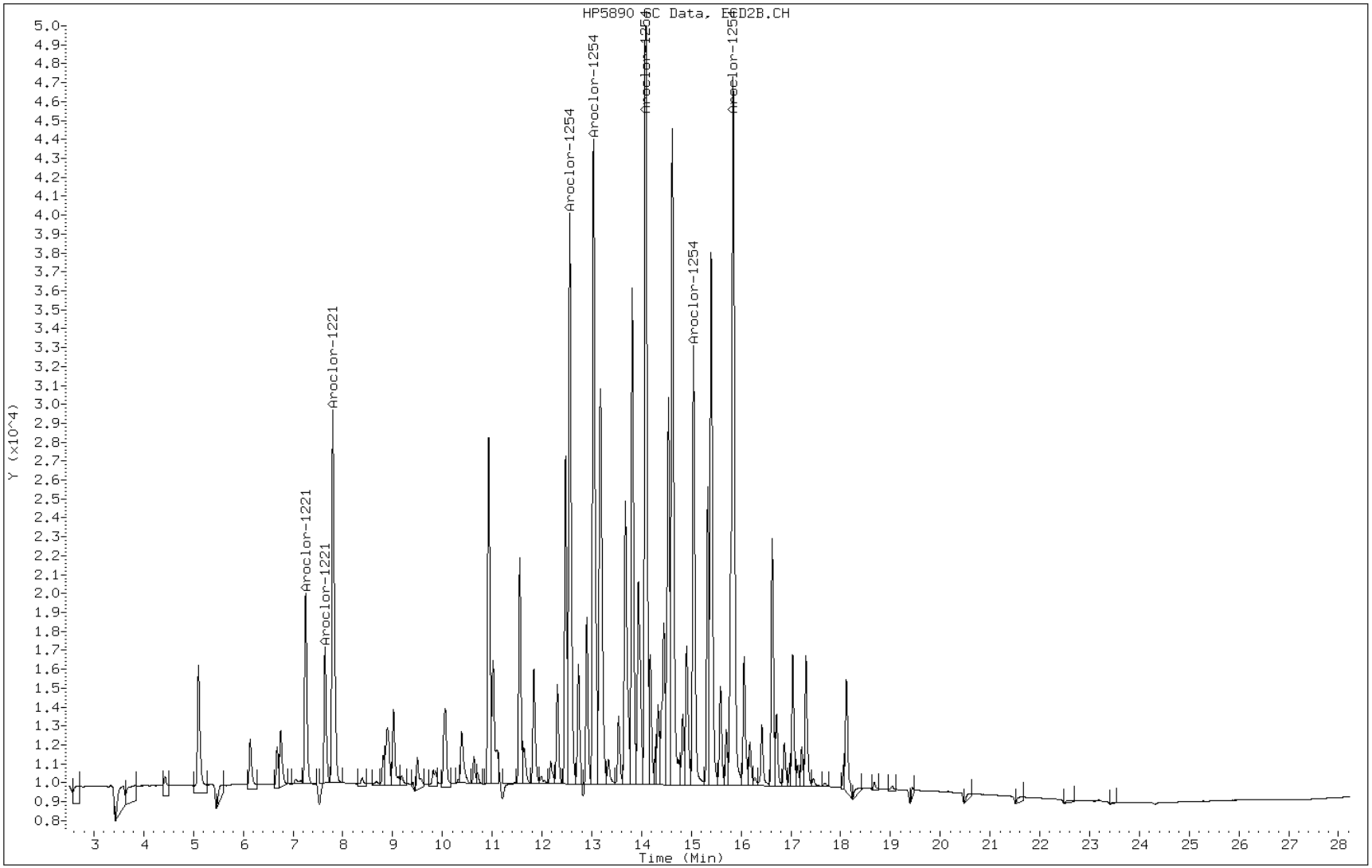
M - Compound response manually integrated.

Data File: 011F1101.D

Date: 19-SEP-2011 17:35

Client ID: Instrument: GC_W.i

Sample Info: IC-900867,2154-3 Operator: JAX



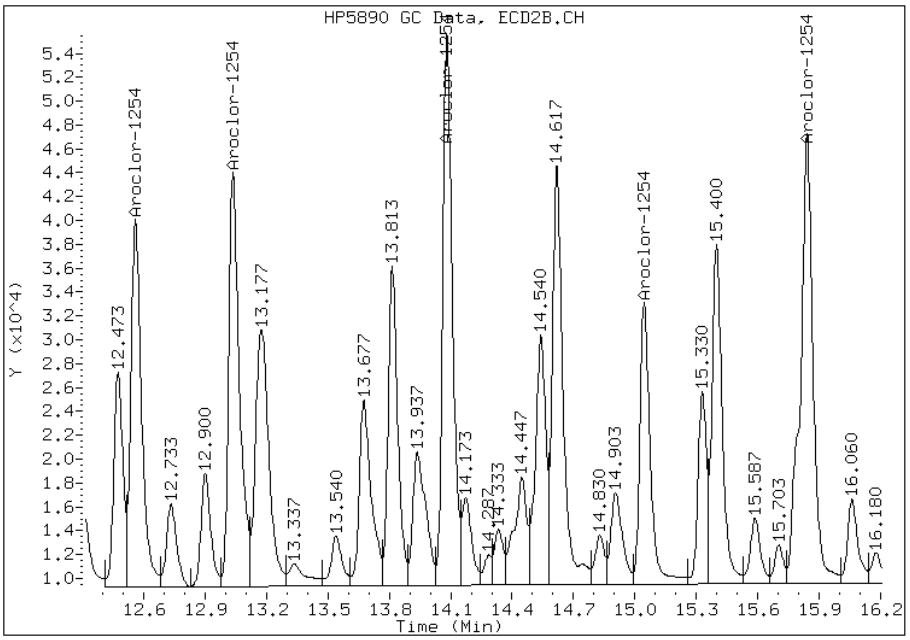
Manual Integration Report

Data File: 011F1101.D
Inj. Date and Time: 19-SEP-2011 17:35
Instrument ID: GC_W.i
Client ID:
Compound: 6 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
12.56	112126*	300.46
13.04	127883*	296.31
14.08	152859*	290.60
15.05	84824*	302.65
15.84	165223*	287.05

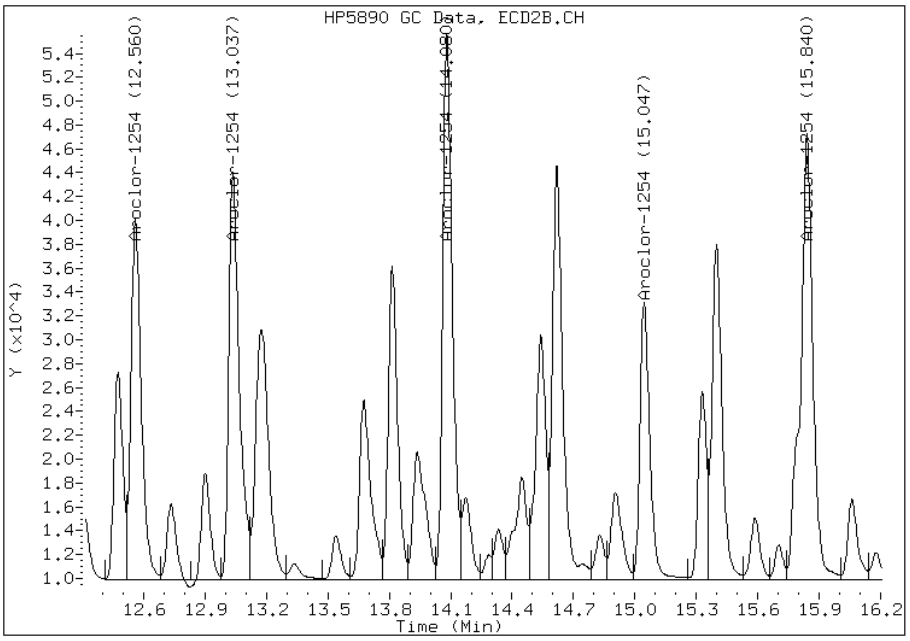
Final Conc		295.40



Manual Integration Results

RT	Response	Conc
12.56	106266*	285.95
13.04	123116*	285.90
14.08	150012*	285.26
15.05	79214*	284.00
15.84	161194*	280.49

Final Conc		284.30



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

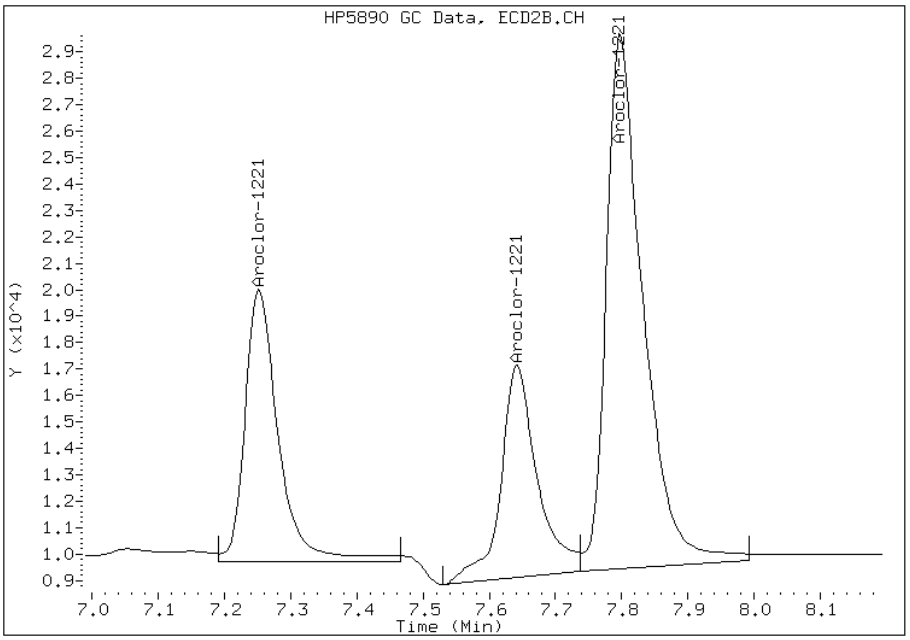
Manual Integration Report

Data File: 011F1101.D
Inj. Date and Time: 19-SEP-2011 17:35
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	36075*	303.84
7.64	30650*	336.76
7.80	78583*	308.94

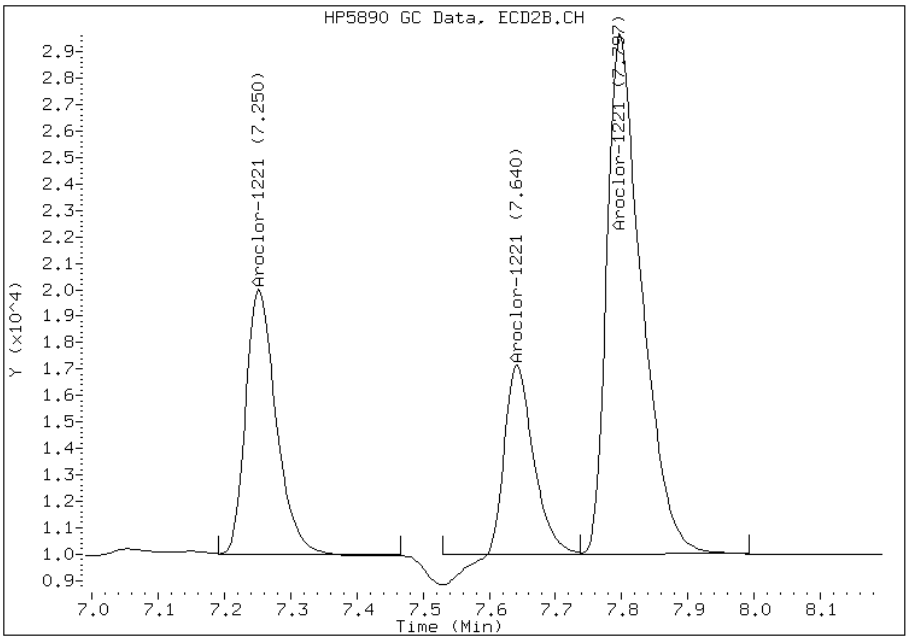
Final Conc		316.50



Manual Integration Results

RT	Response	Conc
7.25	31848*	280.91
7.64	19442*	264.06
7.80	71719*	287.45

Final Conc		277.50



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\012F1201.D
Lab Smp Id: IC-900868
Inj Date : 19-SEP-2011 18:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900868,2154-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:45 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.253	7.250	0.003	14100	100.000	101.2	80.00- 120.00	100.00(M)
7.643	7.640	0.003	8457	100.000	109.8	35.47- 106.40	59.98
7.800	7.796	0.004	33801	100.000	104.2	110.25- 330.76	239.72
		Average of Peak Amounts =			105.067		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	50659	100.000	105.1	80.00- 120.00	100.00(M)
13.036	13.036	0.000	58934	100.000	105.5	57.99- 173.98	116.33
14.083	14.080	0.003	69961	100.000	104.0	71.94- 215.81	138.10
15.046	15.046	0.000	37491	100.000	106.3	37.01- 111.04	74.01
15.843	15.840	0.003	74701	100.000	103.4	77.19- 231.58	147.46
		Average of Peak Amounts =			104.860		

QC Flag Legend

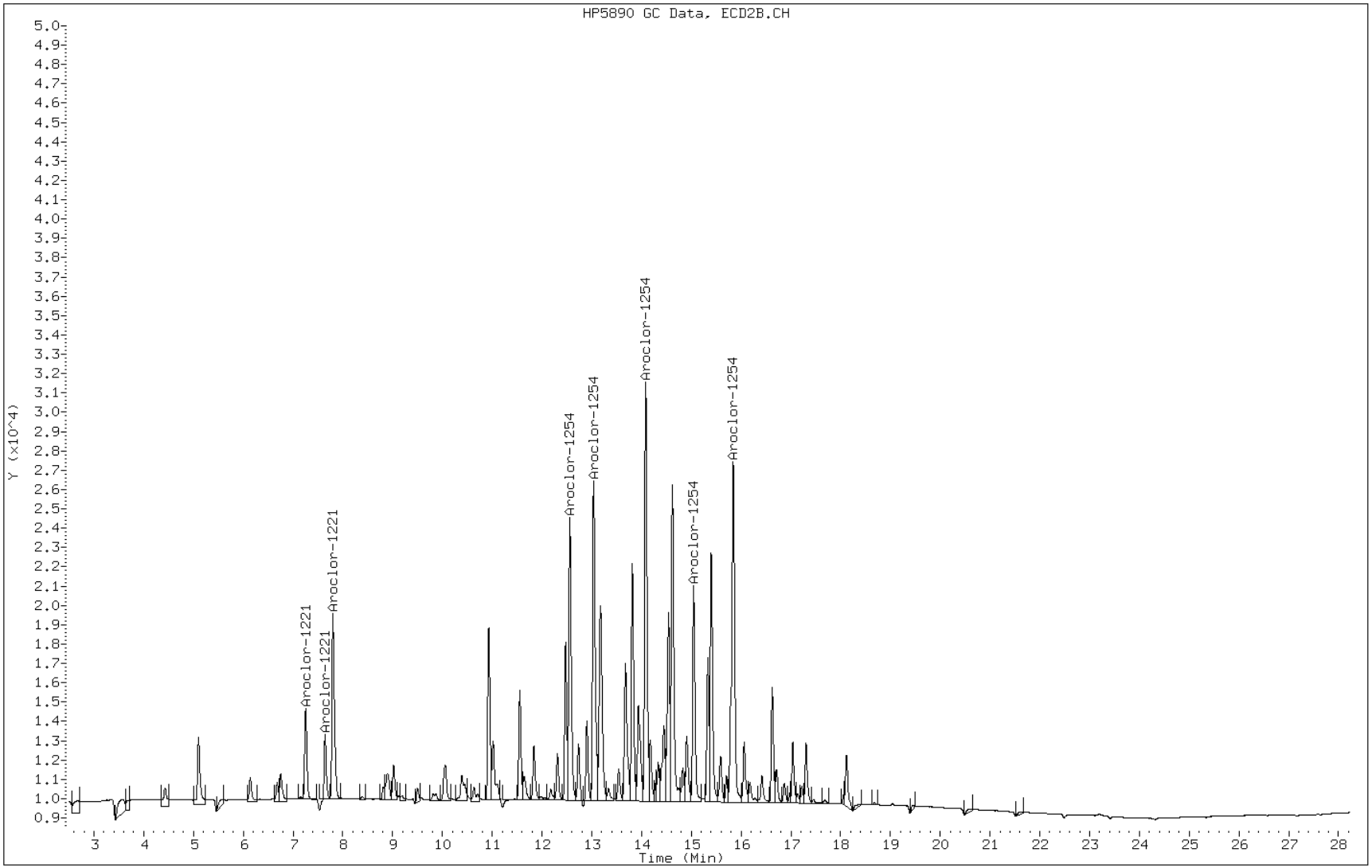
M - Compound response manually integrated.

Data File: 012F1201.D

Date: 19-SEP-2011 18:07

Client ID: Instrument: GC_W.i

Sample Info: IC-900868,2154-2 Operator: JAX



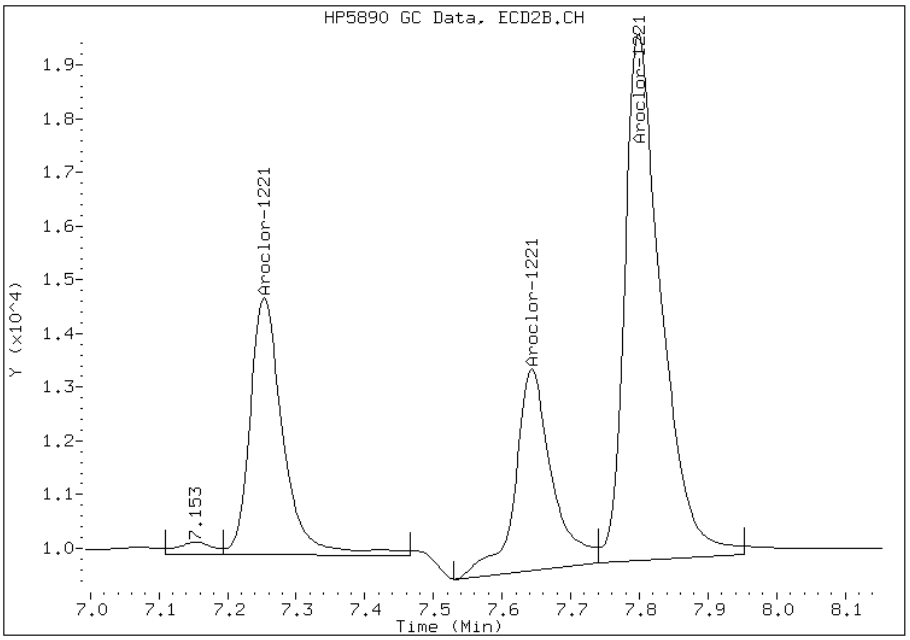
Manual Integration Report

Data File: 012F1201.D
Inj. Date and Time: 19-SEP-2011 18:07
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	16098*	100.70
7.64	13926*	95.23
7.80	36352*	104.37

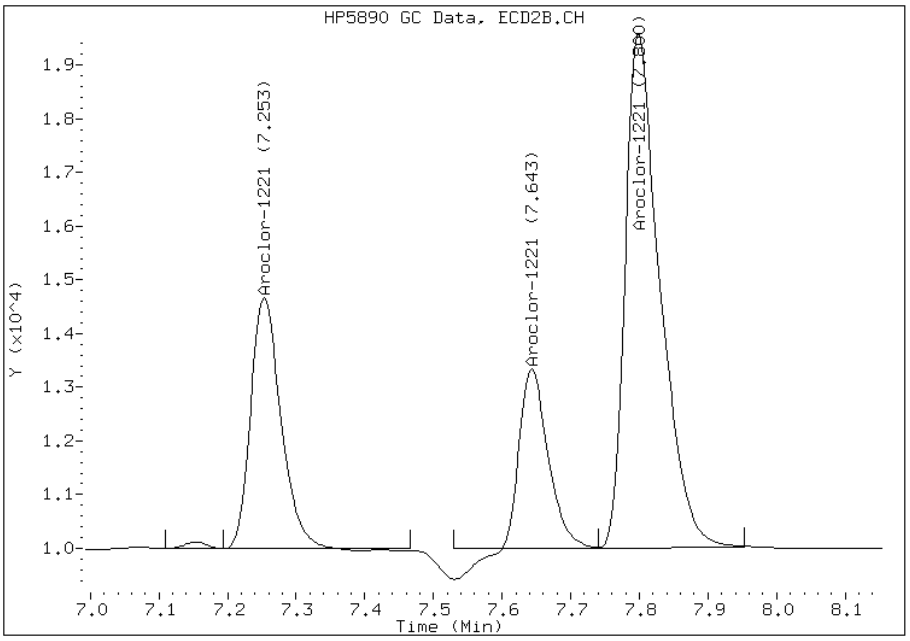
Final Conc		100.10



Manual Integration Results

RT	Response	Conc
7.25	14100*	101.23
7.64	8457*	109.84
7.80	33801*	104.23

Final Conc		105.10



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

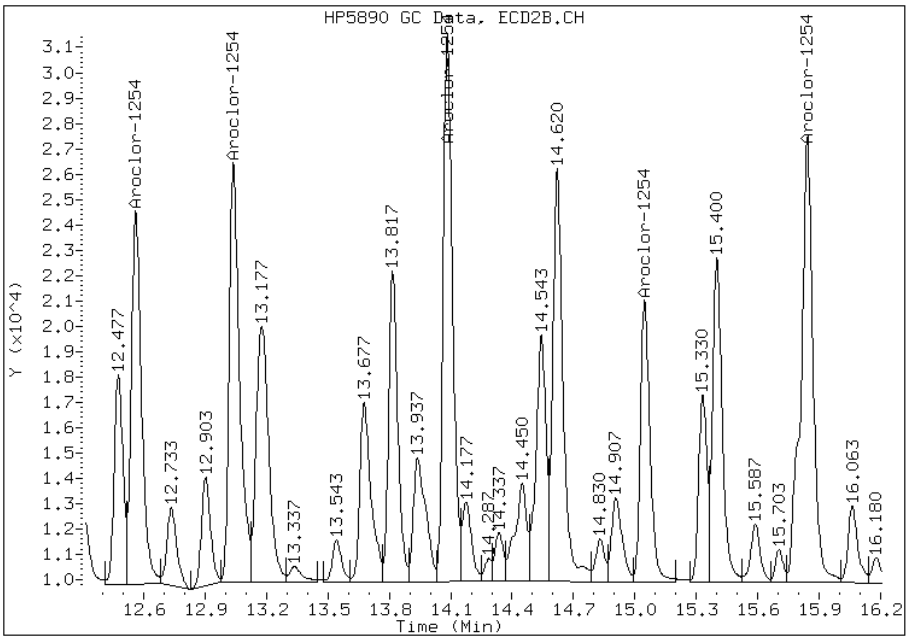
Manual Integration Report

Data File: 012F1201.D
Inj. Date and Time: 19-SEP-2011 18:07
Instrument ID: GC_W.i
Client ID:
Compound: 6 Aroclor-1254
CAS #: 11097-69-1
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
12.56	51305*	102.92
13.04	58920*	102.73
14.08	69299*	101.57
15.05	36496*	97.89
15.84	73523*	99.66

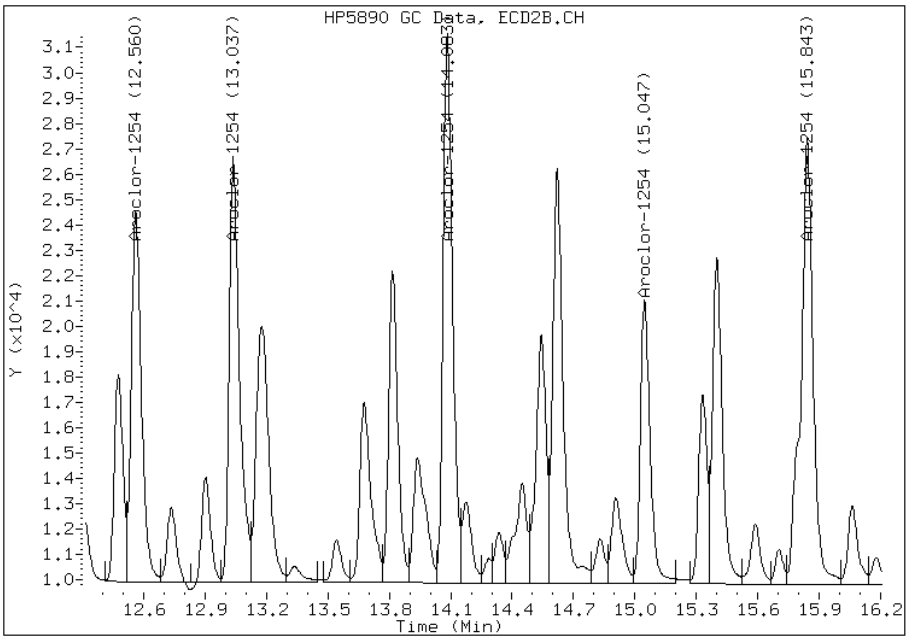
Final Conc		101.00



Manual Integration Results

RT	Response	Conc
12.56	50659*	105.14
13.04	58934*	105.53
14.08	69961*	104.01
15.05	37491*	106.35
15.84	74701*	103.43

Final Conc		104.90



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\013F1301.D
Lab Smp Id: IC-900869
Inj Date : 19-SEP-2011 18:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900869,2154-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:45 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.253	7.250	0.003	7819	50.0000	37.65	80.00- 120.00	100.00(M)
7.643	7.640	0.003	3765	50.0000	43.96	35.47- 106.40	48.15
7.800	7.796	0.004	19404	50.0000	34.66	110.25- 330.76	248.16
		Average of Peak Amounts =			38.7567		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	28320	50.0000	32.51	80.00- 120.00	100.00
13.036	13.036	0.000	33063	50.0000	32.82	57.99- 173.98	116.75
14.083	14.080	0.003	38868	50.0000	33.61	71.94- 215.81	137.25
15.046	15.046	0.000	20195	50.0000	32.70	37.01- 111.04	71.31
15.843	15.840	0.003	40677	50.0000	33.77	77.19- 231.58	143.63
		Average of Peak Amounts =			33.0820		

QC Flag Legend

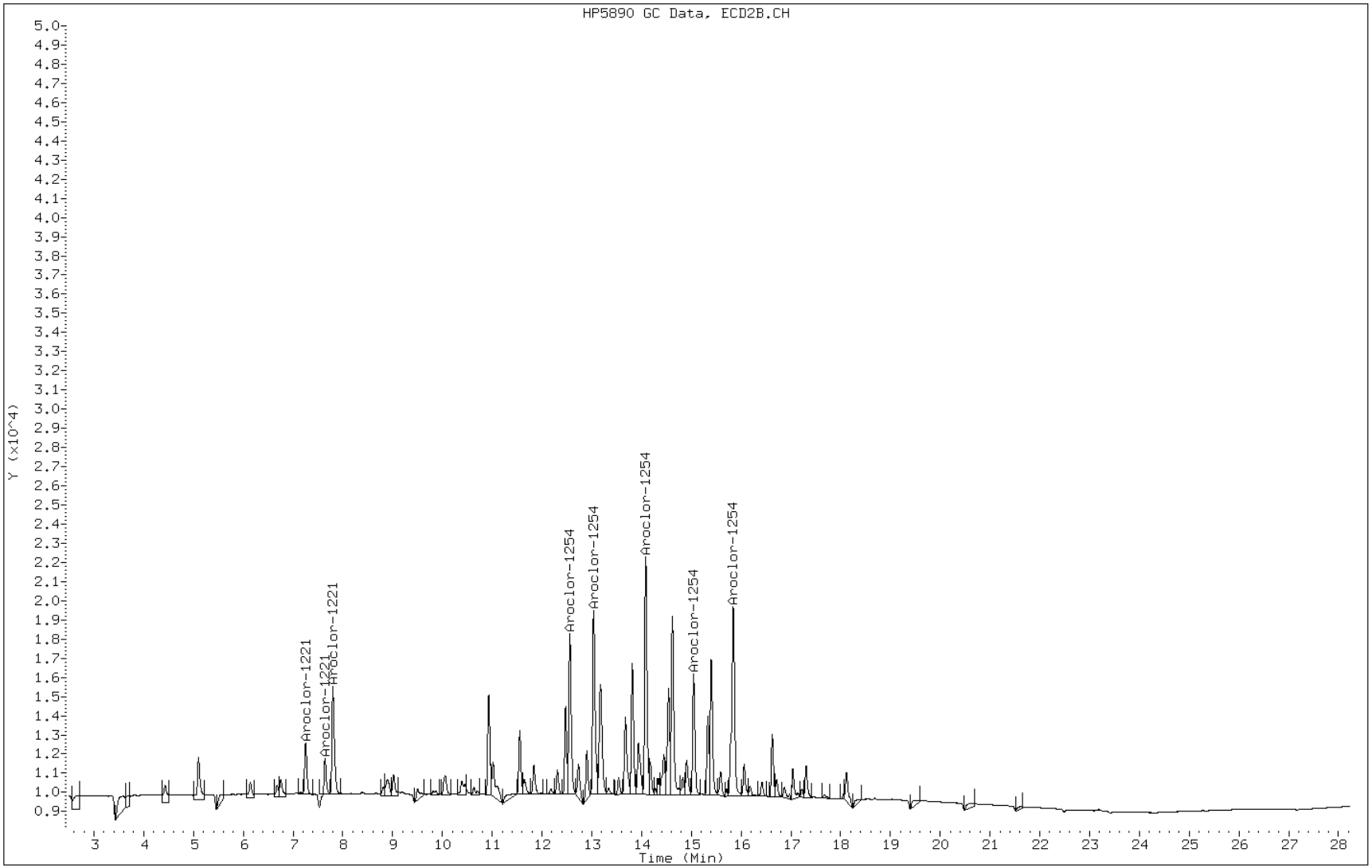
M - Compound response manually integrated.

Data File: 013F1301.D

Date: 19-SEP-2011 18:39

Client ID: Instrument: GC_W.i

Sample Info: IC-900869,2154-1 Operator: JAX



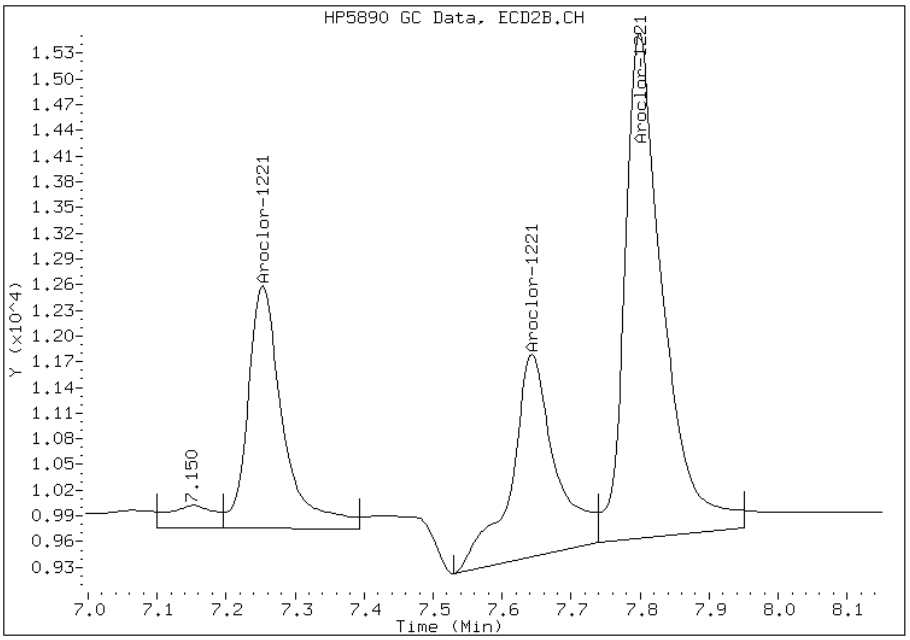
Manual Integration Report

Data File: 013F1301.D
Inj. Date and Time: 19-SEP-2011 18:39
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	9948*	33.19
7.64	10458*	29.71
7.80	22621*	32.79

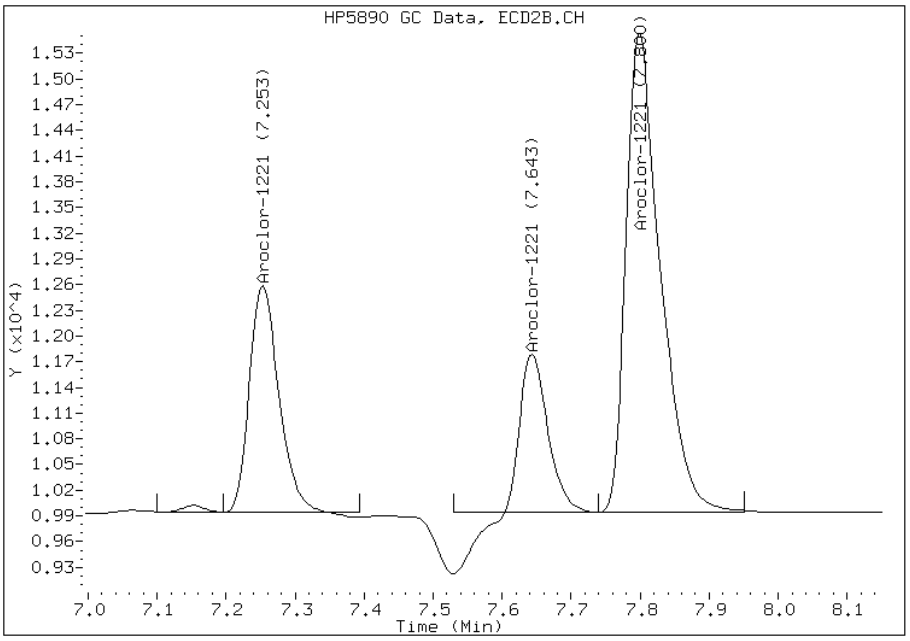
Final Conc		31.90



Manual Integration Results

RT	Response	Conc
7.25	7819*	37.65
7.64	3765*	43.96
7.80	19404*	34.66

Final Conc		38.76



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\014F1401.D
Lab Smp Id: IC-900870
Inj Date : 19-SEP-2011 19:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900870,2154-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:47 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 14 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.253	7.250	0.003	4243	25.0000	1.4454	80.00- 120.00	100.00(M)
7.643	7.640	0.003	1119	25.0000	6.8161	35.47- 106.40	26.37
7.800	7.796	0.004	10258	25.0000	-9.5305	110.25- 330.76	241.76
		Average of Peak Amounts =			-0.4230		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	15876	25.0000	-7.9519	80.00- 120.00	100.00
13.036	13.036	0.000	18330	25.0000	-8.5864	57.99- 173.98	115.46
14.083	14.080	0.003	21034	25.0000	-6.7673	71.94- 215.81	132.49
15.046	15.046	0.000	10707	25.0000	-7.6979	37.01- 111.04	67.44
15.843	15.840	0.003	22891	25.0000	-2.6389	77.19- 231.58	144.19

QC Flag Legend

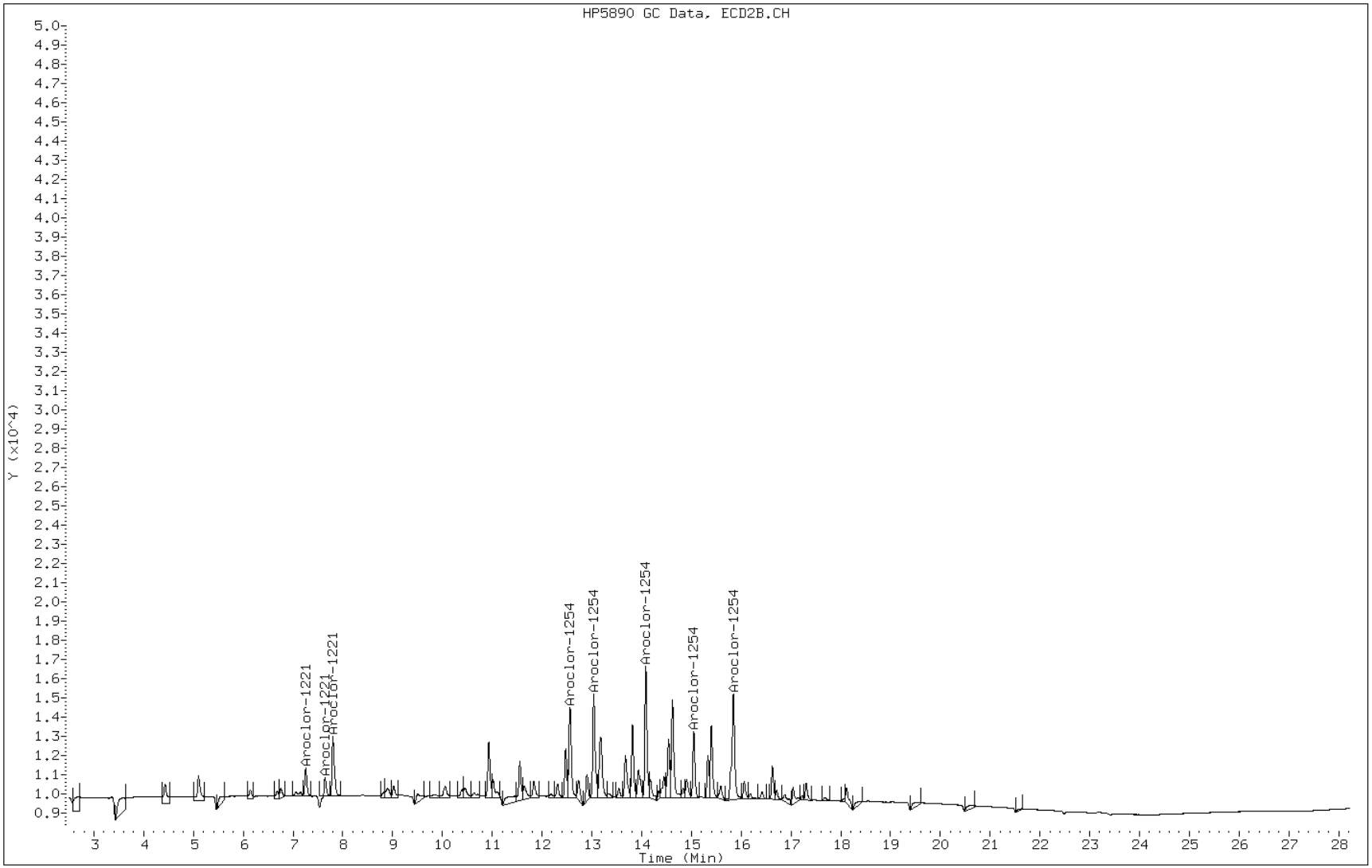
M - Compound response manually integrated.

Data File: 014F1401.D

Date: 19-SEP-2011 19:11

Client ID: Instrument: GC_W.i

Sample Info: IC-900870,2154-7 Operator: JAX



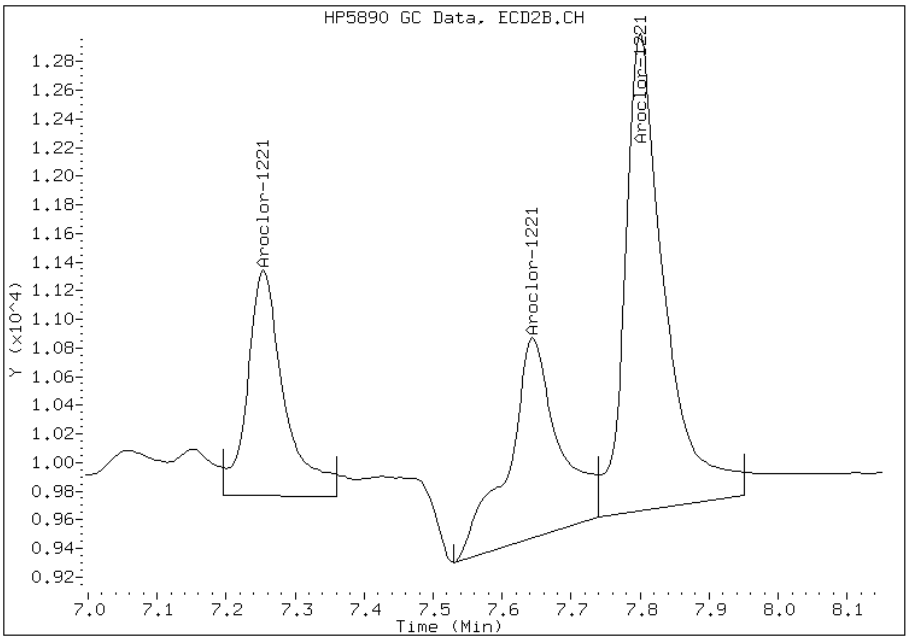
Manual Integration Report

Data File: 014F1401.D
Inj. Date and Time: 19-SEP-2011 19:11
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	5838*	-8.36
7.64	7130*	-17.29
7.80	13277*	-14.04

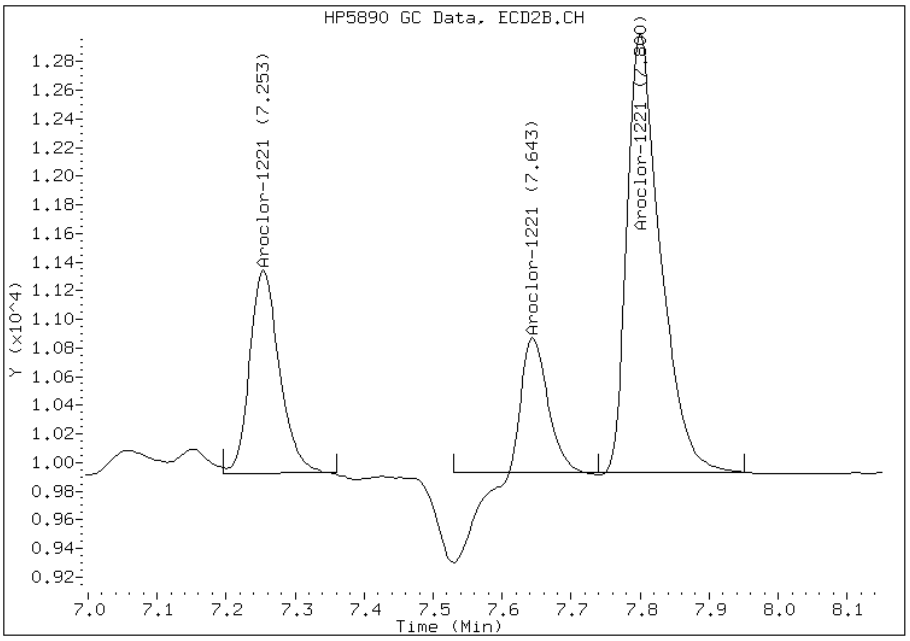
Final Conc		0.00



Manual Integration Results

RT	Response	Conc
7.25	4243*	1.45
7.64	1119*	6.82
7.80	10258*	-9.53

Final Conc		4.13



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1016 Peak 1	6.917	6.917	6.917	6.913	6.913	6.913	6.913				6.713 - 7.113	6.915
PCB-1016 Peak 2	7.893	7.893	7.893	7.890	7.890	7.893	7.890				7.690 - 8.090	7.892
PCB-1016 Peak 3	9.440	9.437	9.437	9.437	9.437	9.437	9.433				9.237 - 9.637	9.437
PCB-1016 Peak 4	10.473	10.473	10.473	10.473	10.473	10.473	10.473				10.273 - 10.673	10.473
PCB-1016 Peak 5	12.053	12.053	12.050	12.050	12.050	12.050	12.050				11.850 - 12.250	12.051
PCB-1260 Peak 1	13.410	13.410	13.410	13.407	13.407	13.407	13.407				13.207 - 13.607	13.408
PCB-1260 Peak 2	14.063	14.063	14.063	14.060	14.063	14.060	14.060				13.863 - 14.263	14.062
PCB-1260 Peak 3	14.693	14.693	14.693	14.690	14.693	14.690	14.690				14.493 - 14.893	14.692
PCB-1260 Peak 4	16.243	16.243	16.243	16.240	16.243	16.240	16.240				16.043 - 16.443	16.242
PCB-1260 Peak 5	16.863	16.867	16.867	16.863	16.863	16.863	16.860				16.663 - 17.063	16.864
Tetrachloro-m-xylene	5.797	5.793	5.793	5.793	5.793	5.793	5.790				5.593 - 5.993	5.793
DCB Decachlorobiphenyl	19.357	19.357	19.357	19.353	19.357	19.353	19.353				19.157 - 19.557	19.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1016 Peak 1	286.88 179.01	255.78 158.68	232.47 154.29	193.42	Lin	-48.471898	150.736325							0.9952		0.9900
PCB-1016 Peak 2	661.80 337.79	562.68 297.67	481.08 286.84	382.94	Lin	-66.524763	276.218156							0.9942		0.9900
PCB-1016 Peak 3	557.40 306.02	464.28 270.58	394.14 261.20	333.36	Lin	-54.065764	254.480462							0.9950		0.9900
PCB-1016 Peak 4	481.04 312.75	452.90 270.24	388.05 261.33	322.04	Lin	-48.323598	256.987007							0.9934		0.9900
PCB-1016 Peak 5	442.40 198.68	304.74 177.23	257.59 174.94	217.80	Lin	-54.196195	168.186053							0.9971		0.9900
PCB-1260 Peak 1	411.12 404.00	632.34 354.02	527.95 347.24	438.71	Lin	-46.104367	339.964842							0.9935		0.9900
PCB-1260 Peak 2	1605.0 564.85	1068.5 593.25	886.95 580.87	731.69	Lin	-52.712177	549.738868							0.9970		0.9900
PCB-1260 Peak 3	1444.4 669.20	991.42 590.43	832.37 583.35	709.58	Lin	-50.517200	563.653008							0.9967		0.9900
PCB-1260 Peak 4	1518.0 654.58	966.30 589.07	815.43 580.40	699.72	Lin	-49.422533	560.165732							0.9978		0.9900
PCB-1260 Peak 5	694.00 364.32	515.30 328.47	444.77 306.39	373.95	Lin	-48.300134	303.999441							0.9943		0.9900
Tetrachloro-m-xylene	11015 8047.6	10431 7275.4	9626.4 7183.5	8571.7	Lin	-1.7057643	7058.23687							0.9970		0.9900
DCB Decachlorobiphenyl	11459 7100.7	9651.2 6345.3	8781.8 6251.7	7561.3	Lin	-2.0556327	6108.61003							0.9966		

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Lin	7172 119013	12789 154286	23247	48354	89504	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 2	Lin	16545 223253	28134 286840	48108	95735	168896	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 3	Lin	13935 202935	23214 261199	39414	83339	153010	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 4	Lin	12026 202680	22645 261330	38805	80509	156375	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 5	Lin	11060 132919	15237 174937	25759	54449	99342	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 1	Lin	10278 265513	31617 347243	52795	109677	202000	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 2	Lin	40124 444936	53426 580870	88695	182923	282423	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 3	Lin	36110 442825	49571 583352	83237	177394	334602	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 4	Lin	37951 441805	48315 580402	81543	174929	327292	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 5	Lin	17350 246351	25765 306388	44477	93488	182162	25.0 750	50.0 1000	100	250	500
Tetrachloro-m-xylene	Lin	13769 272826	26078 359176	48132	107146	201190	1.25 37.5	2.50 50.0	5.00	12.5	25.0
DCB Decachlorobiphenyl	Lin	14324 237947	24128 312584	43909	94516	177518	1.25 37.5	2.50 50.0	5.00	12.5	25.0

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\015F1501.D
Lab Smp Id: IC-938756
Inj Date : 19-SEP-2011 19:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938756,1660-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 15 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	154286	1000.00	1028	50.00- 150.00	100.00
7.890	7.890	0.000	286840	1000.00	1016	38.38- 115.14	185.91
9.433	9.436	-0.003	261199	1000.00	1024	21.89- 65.67	169.29
10.473	10.473	0.000	261330	1000.00	1016	19.98- 59.94	169.38
12.050	12.050	0.000	174937	1000.00	1071	19.98- 59.94	113.38
Average of Peak Amounts =					1031.00		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	347243	1000.00	1026	50.00- 150.00	100.00
14.060	14.063	-0.003	580870	1000.00	1032	79.28- 237.84	167.28
14.690	14.693	-0.003	583352	1000.00	1030	38.87- 116.60	168.00
16.240	16.243	-0.003	580402	1000.00	1027	40.33- 120.99	167.15
16.860	16.863	-0.003	306388	1000.00	995.8	22.45- 67.34	88.23
Average of Peak Amounts =					1022.16		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.793	-0.003	359176	50.0000	51.31		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	312584	50.0000	50.44		

Data File: 015F1501.D

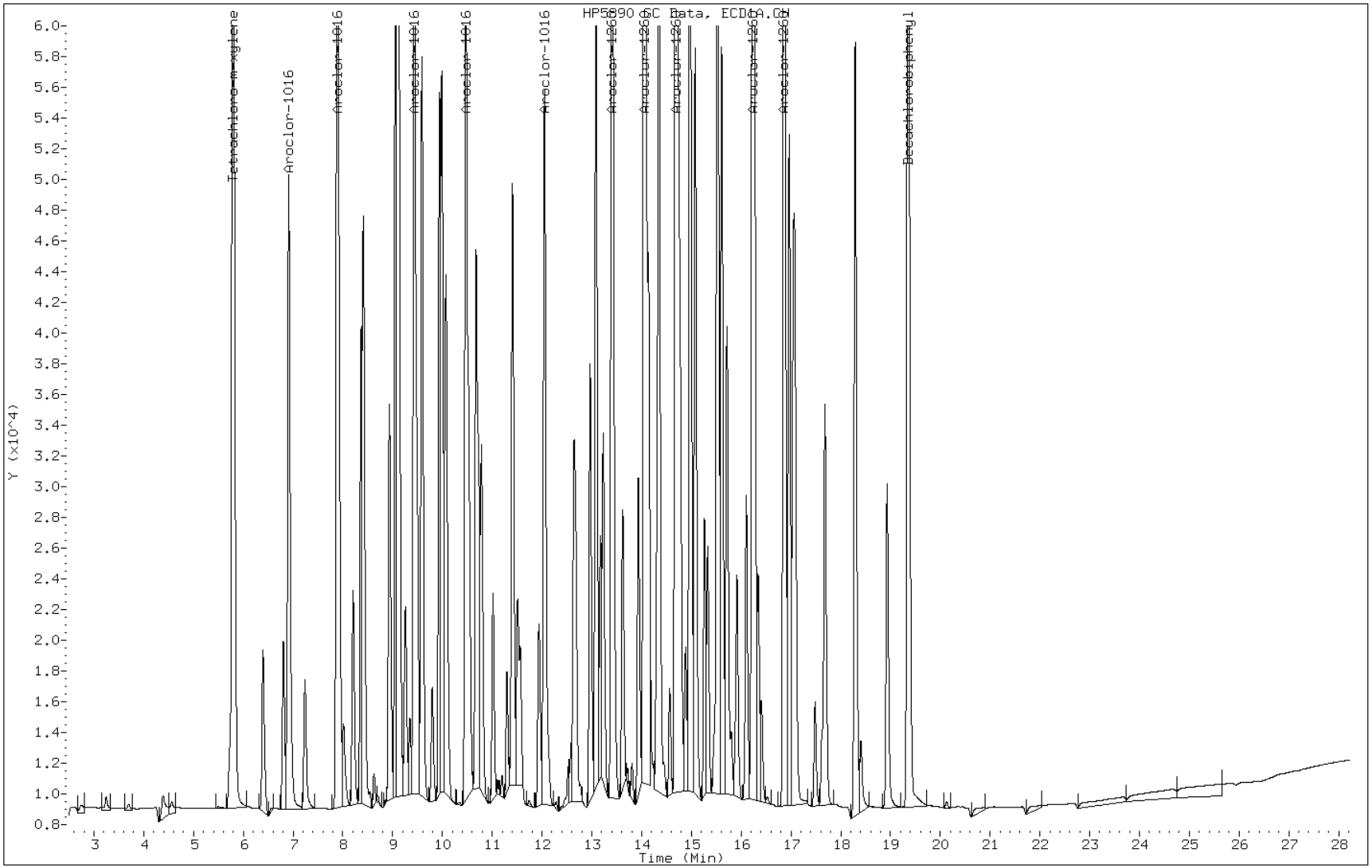
Date: 19-SEP-2011 19:42

Client ID:

Instrument: GC_W.i

Sample Info: IC-938756,1660-6

Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\016F1601.D
Lab Smp Id: IC-938757
Inj Date : 19-SEP-2011 20:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938757,1660-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 16 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

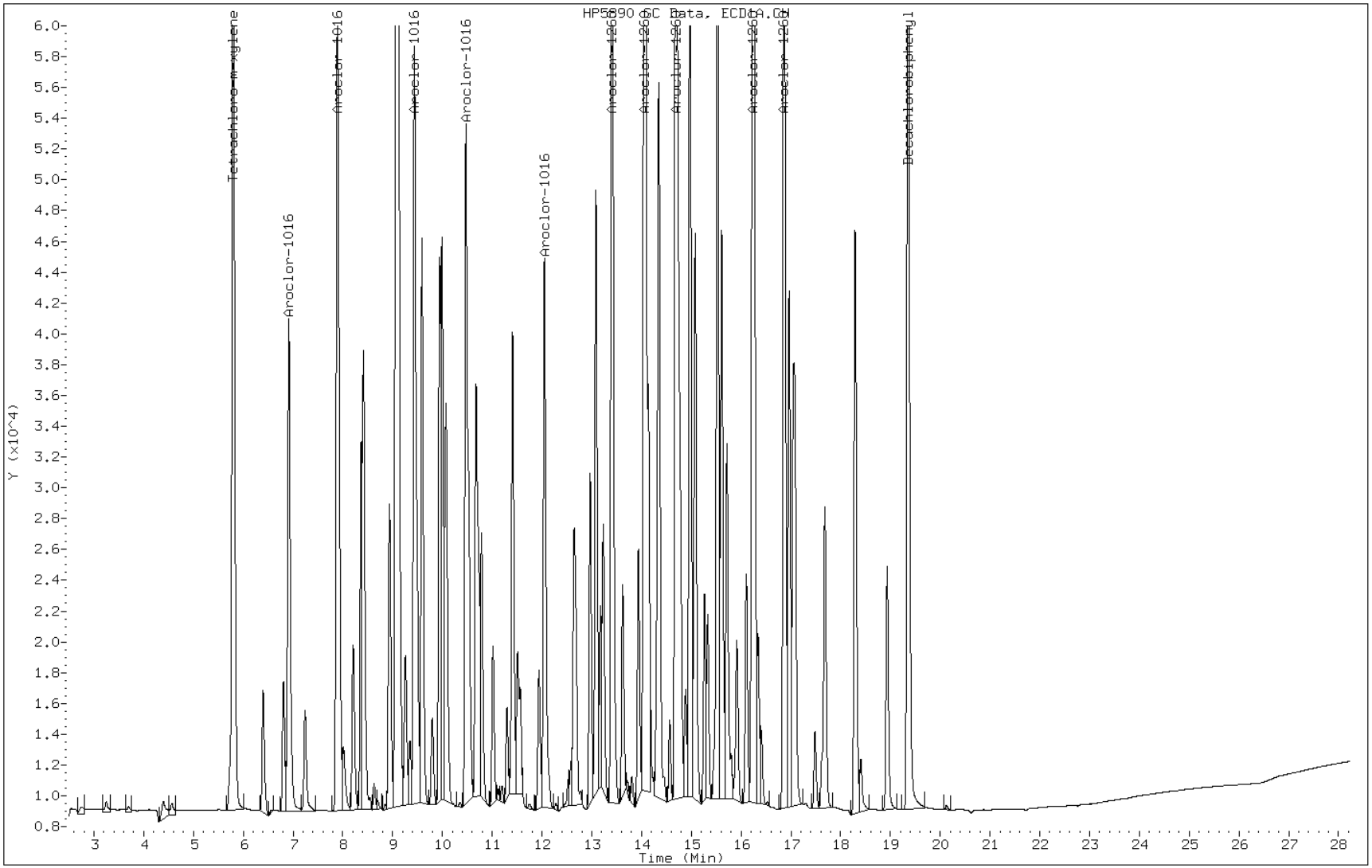
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	119013	750.000	757.6	50.00- 150.00	100.00
7.893	7.890	0.003	223253	750.000	755.7	38.38- 115.14	187.59
9.436	9.436	0.000	202935	750.000	763.8	21.89- 65.67	170.51
10.473	10.473	0.000	202680	750.000	759.5	19.98- 59.94	170.30
12.050	12.050	0.000	132919	750.000	762.3	19.98- 59.94	111.68
Average of Peak Amounts =					759.780		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	265513	750.000	752.6	50.00- 150.00	100.00
14.060	14.063	-0.003	444936	750.000	755.8	79.28- 237.84	167.58
14.690	14.693	-0.003	442825	750.000	751.1	38.87- 116.60	166.78
16.240	16.243	-0.003	441805	750.000	752.0	40.33- 120.99	166.40
16.863	16.863	0.000	246351	750.000	773.7	22.45- 67.34	92.78
Average of Peak Amounts =					757.040		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	272826	37.5000	37.64		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	237947	37.5000	37.33		

Data File: 016F1601.D

Date: 19-SEP-2011 20:14

Client ID: Instrument: GC_W.i

Sample Info: IC-938757,1660-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\017F1701.D
Lab Smp Id: ICRT-982679
Inj Date : 19-SEP-2011 20:46
Operator : JAX Inst ID: GC_W.i
Smp Info : ICRT-982679, 4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 17 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.913	6.913	0.000	89504	500.000	545.3	50.00-	150.00	100.00
7.890	7.890	0.000	168896	500.000	544.9	38.38-	115.14	188.70
9.436	9.436	0.000	153010	500.000	547.2	21.89-	65.67	170.95
10.473	10.473	0.000	156375	500.000	560.2	19.98-	59.94	174.71
12.050	12.050	0.000	99342	500.000	536.5	19.98-	59.94	110.99
Average of Peak Amounts =					546.820			
7 Aroclor-1260					CAS #: 11096-82-5			
13.406	13.406	0.000	202000	500.000	548.1	50.00-	150.00	100.00
14.063	14.063	0.000	282423	500.000	461.0	79.28-	237.84	139.81
14.693	14.693	0.000	334602	500.000	543.1	38.87-	116.60	165.64
16.243	16.243	0.000	327292	500.000	534.8	40.33-	120.99	162.03
16.863	16.863	0.000	182162	500.000	550.9	22.45-	67.34	90.18
Average of Peak Amounts =					527.580			
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.793	5.793	0.000	201190	25.0000	26.80			
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3			
19.356	19.356	0.000	177518	25.0000	27.00			

Data File: 017F1701.D

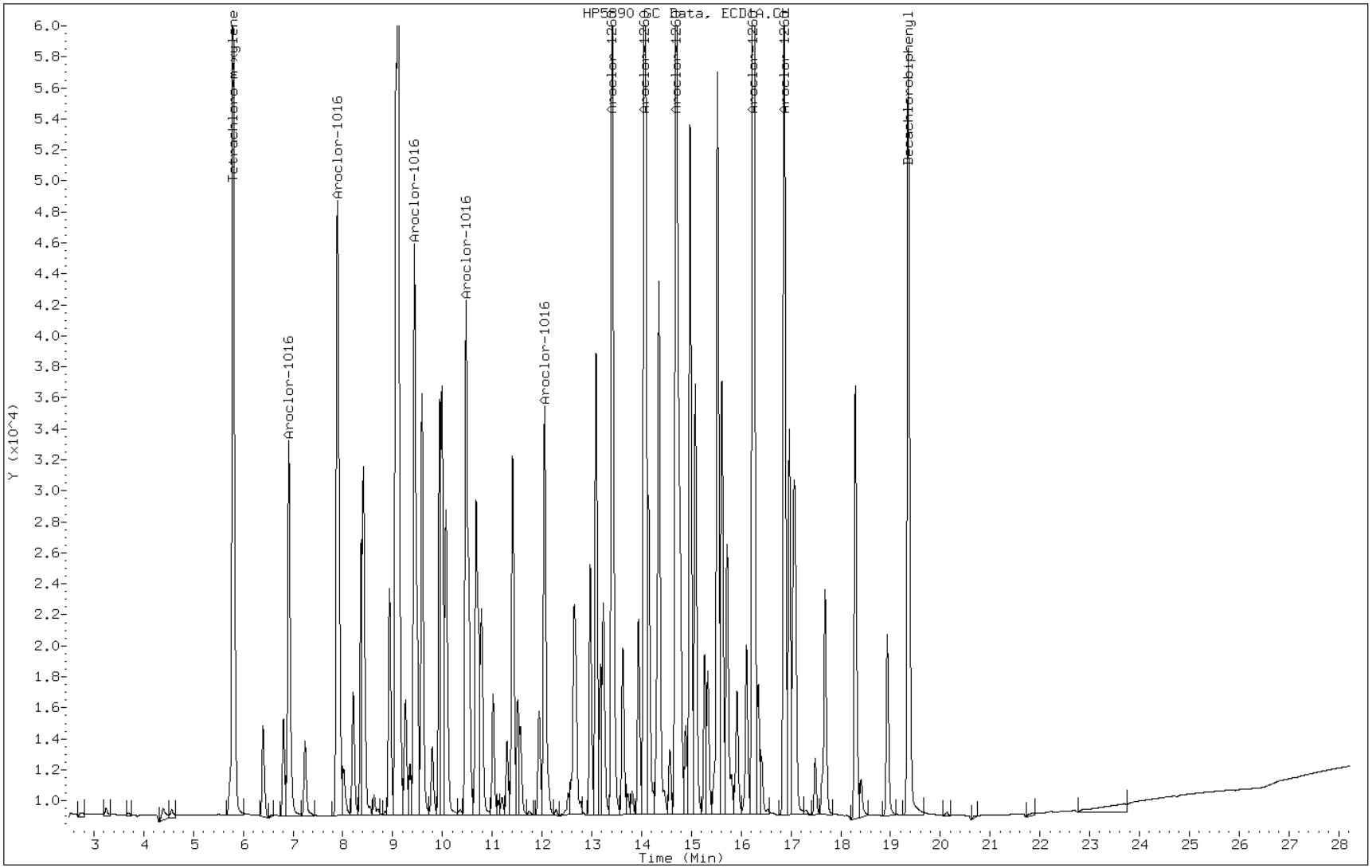
Date: 19-SEP-2011 20:46

Client ID:

Instrument: GC_W.i

Sample Info: ICRT-982679, 4

Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\018F1801.D
Lab Smp Id: IC-938759
Inj Date : 19-SEP-2011 21:18
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938759,1660-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

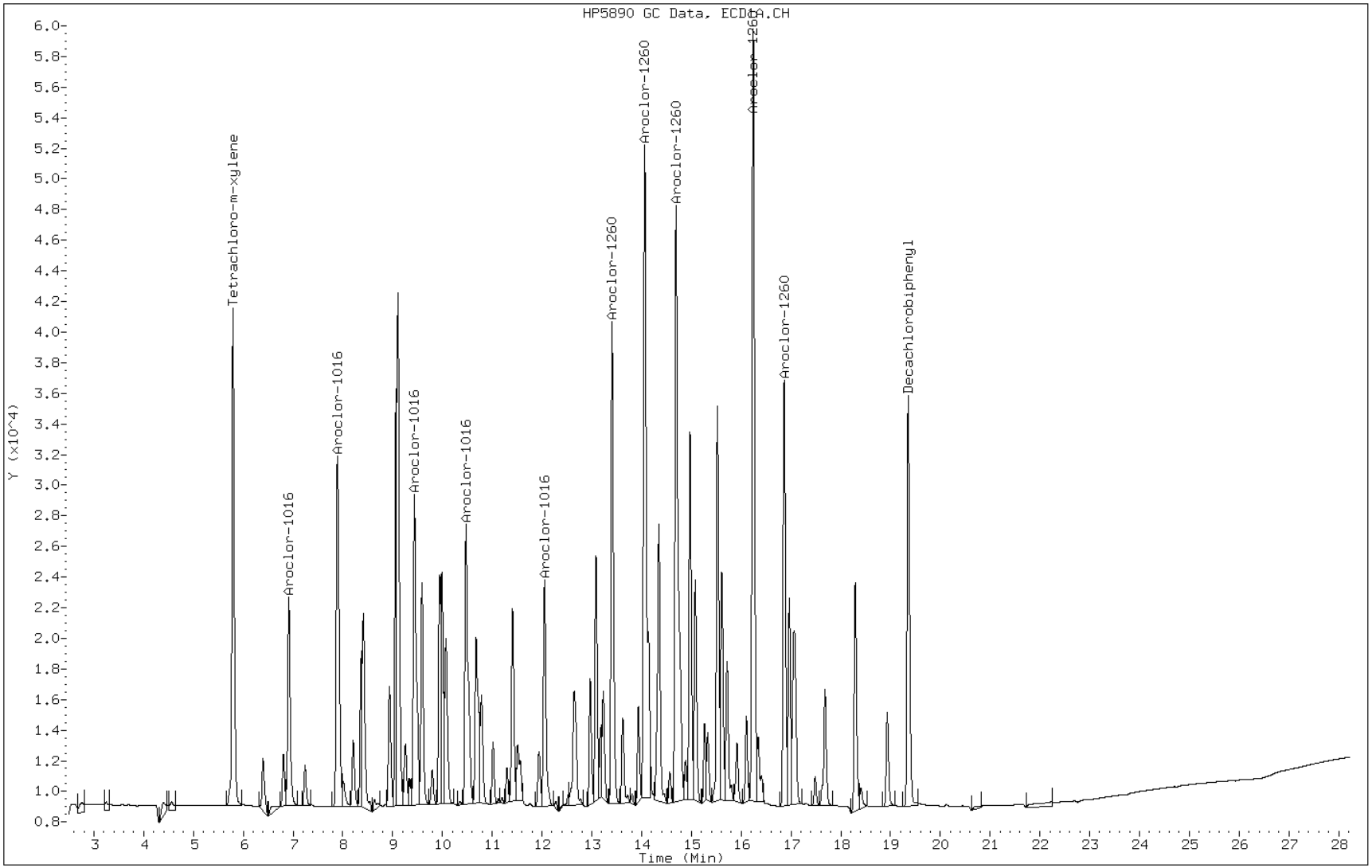
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	48354	250.000	274.7	50.00- 150.00	100.00
7.890	7.890	0.000	95735	250.000	285.5	38.38- 115.14	197.99
9.436	9.436	0.000	83339	250.000	278.8	21.89- 65.67	172.35
10.473	10.473	0.000	80509	250.000	270.8	19.98- 59.94	166.50
12.050	12.050	0.000	54449	250.000	274.9	19.98- 59.94	112.60
Average of Peak Amounts =					276.940		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	109677	250.000	274.4	50.00- 150.00	100.00
14.060	14.063	-0.003	182923	250.000	284.7	79.28- 237.84	166.78
14.690	14.693	-0.003	177394	250.000	268.1	38.87- 116.60	161.74
16.240	16.243	-0.003	174929	250.000	266.6	40.33- 120.99	159.49
16.863	16.863	0.000	93488	250.000	264.2	22.45- 67.34	85.24
Average of Peak Amounts =					271.600		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	107146	12.5000	13.68		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	94516	12.5000	13.59		

Data File: 018F1801.D

Date: 19-SEP-2011 21:18

Client ID: Instrument: GC_W.i

Sample Info: IC-938759,1660-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\019F1901.D
Lab Smp Id: IC-938760
Inj Date : 19-SEP-2011 21:50
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938760,1660-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 19 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

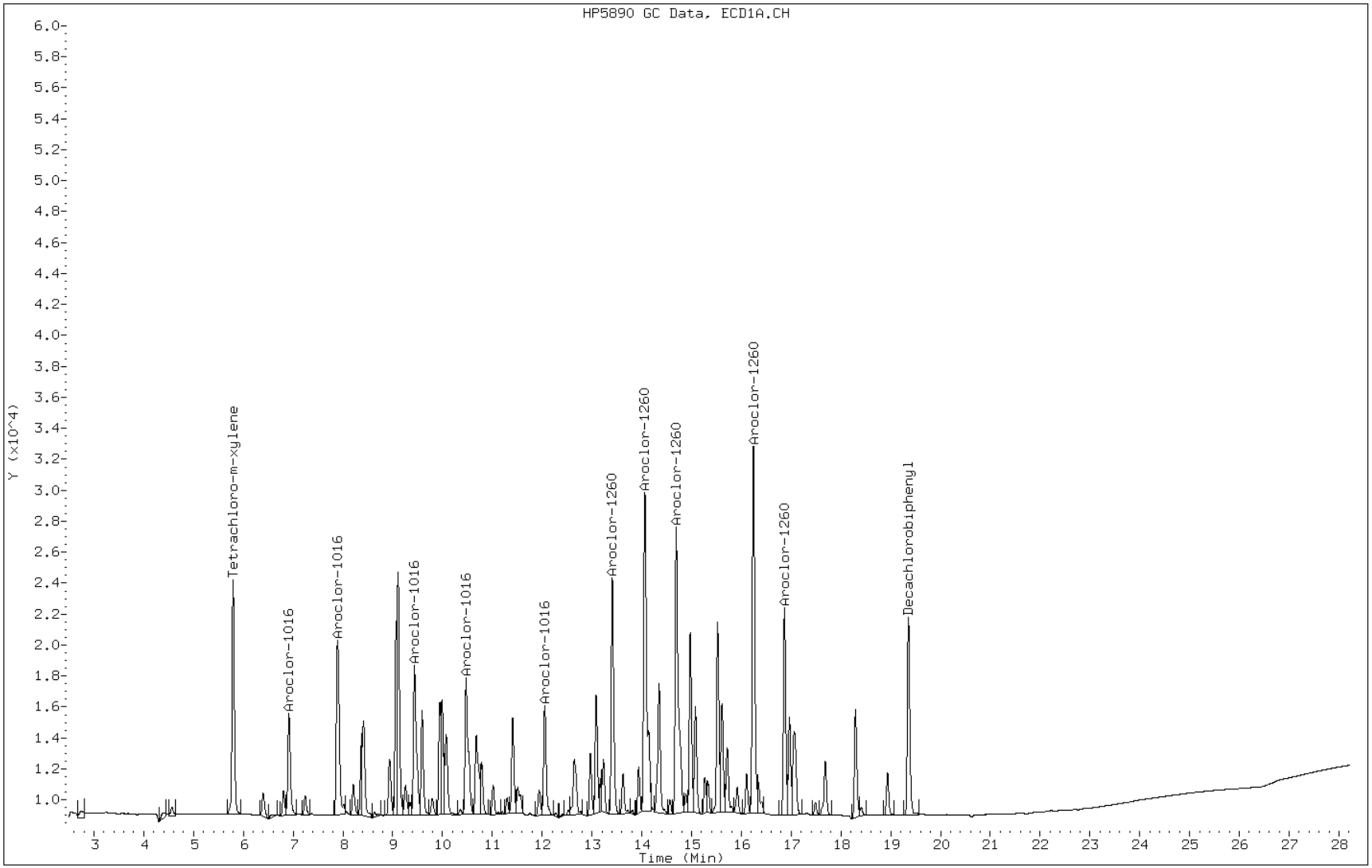
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	23247	100.000	108.5	50.00- 150.00	100.00
7.893	7.890	0.003	48108	100.000	111.6	38.38- 115.14	206.94
9.436	9.436	0.000	39414	100.000	104.3	21.89- 65.67	169.54
10.473	10.473	0.000	38805	100.000	105.9	19.98- 59.94	166.92
12.050	12.050	0.000	25759	100.000	102.0	19.98- 59.94	110.80
Average of Peak Amounts =					106.460		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	52795	100.000	102.1	50.00- 150.00	100.00
14.063	14.063	0.000	88695	100.000	111.4	79.28- 237.84	168.00
14.693	14.693	0.000	83237	100.000	99.26	38.87- 116.60	157.66
16.243	16.243	0.000	81543	100.000	97.96	40.33- 120.99	154.45
16.866	16.863	0.003	44477	100.000	100.5	22.45- 67.34	84.24
Average of Peak Amounts =					102.244		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	48132	5.00000	5.2574		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	43909	5.00000	5.2589		

Data File: 019F1901.D

Date: 19-SEP-2011 21:50

Client ID: Instrument: GC_W.i

Sample Info: IC-938760,1660-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\020F2001.D
Lab Smp Id: IC-938761
Inj Date : 19-SEP-2011 22:22
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938761,1660-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 20 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

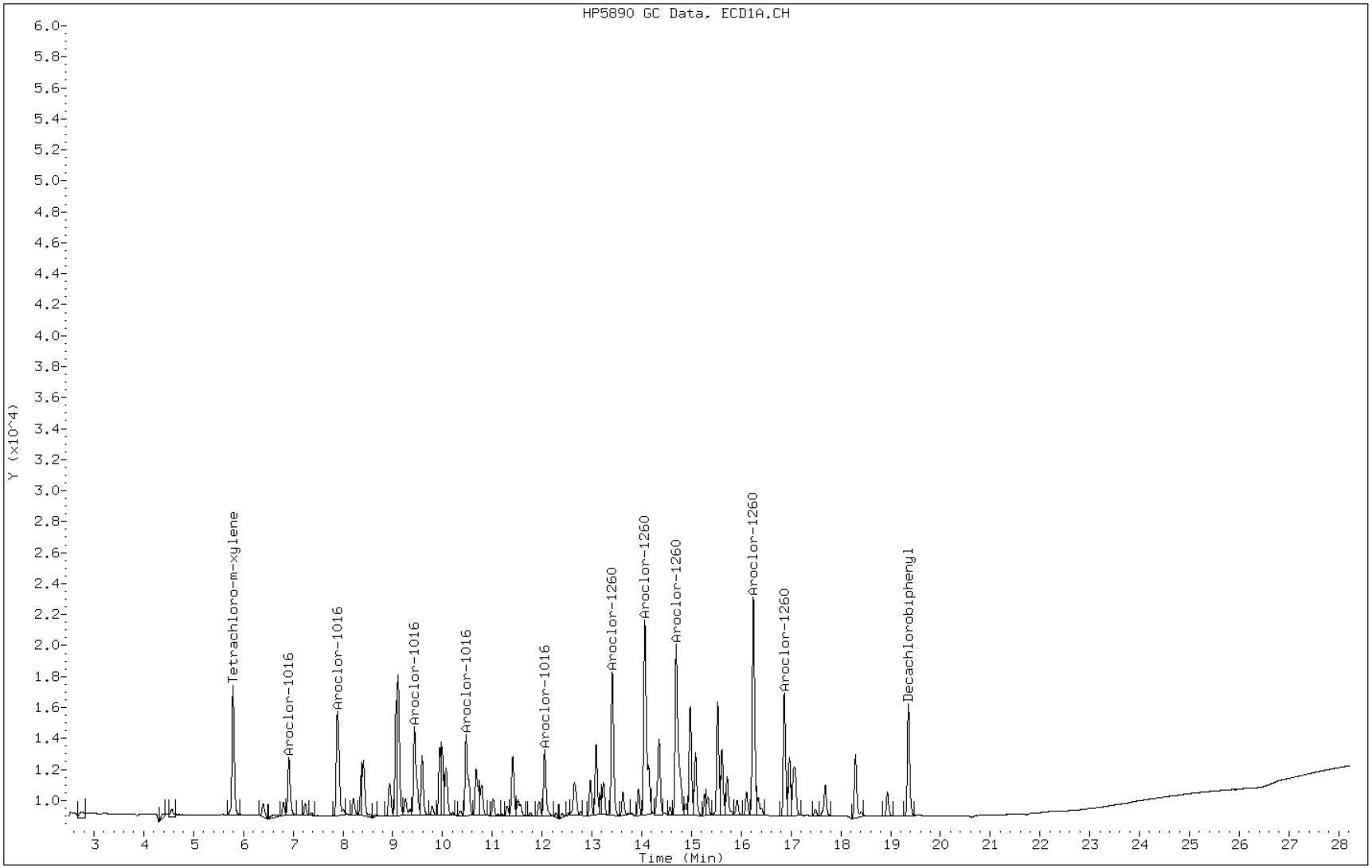
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	12789	50.0000	37.38	50.00- 150.00	100.00
7.893	7.890	0.003	28134	50.0000	37.58	38.38- 115.14	219.98
9.436	9.436	0.000	23214	50.0000	38.87	21.89- 65.67	181.51
10.473	10.473	0.000	22645	50.0000	41.13	19.98- 59.94	177.06
12.053	12.050	0.003	15237	50.0000	37.59	19.98- 59.94	119.14
		Average of Peak Amounts =			38.5100		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	31617	50.0000	36.90	50.00- 150.00	100.00
14.063	14.063	0.000	53426	50.0000	46.14	79.28- 237.84	168.98
14.693	14.693	0.000	49571	50.0000	38.50	38.87- 116.60	156.78
16.243	16.243	0.000	48315	50.0000	38.69	40.33- 120.99	152.81
16.866	16.863	0.003	25765	50.0000	37.48	22.45- 67.34	81.49
		Average of Peak Amounts =			39.5420		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	26078	2.50000	2.0462		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	24128	2.50000	1.9709		

Data File: 020F2001.D

Date: 19-SEP-2011 22:22

Client ID: Instrument: GC_W.i

Sample Info: IC-938761,1660-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\021F2101.D
Lab Smp Id: IC-938762
Inj Date : 19-SEP-2011 22:53
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938762,1660-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 21 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

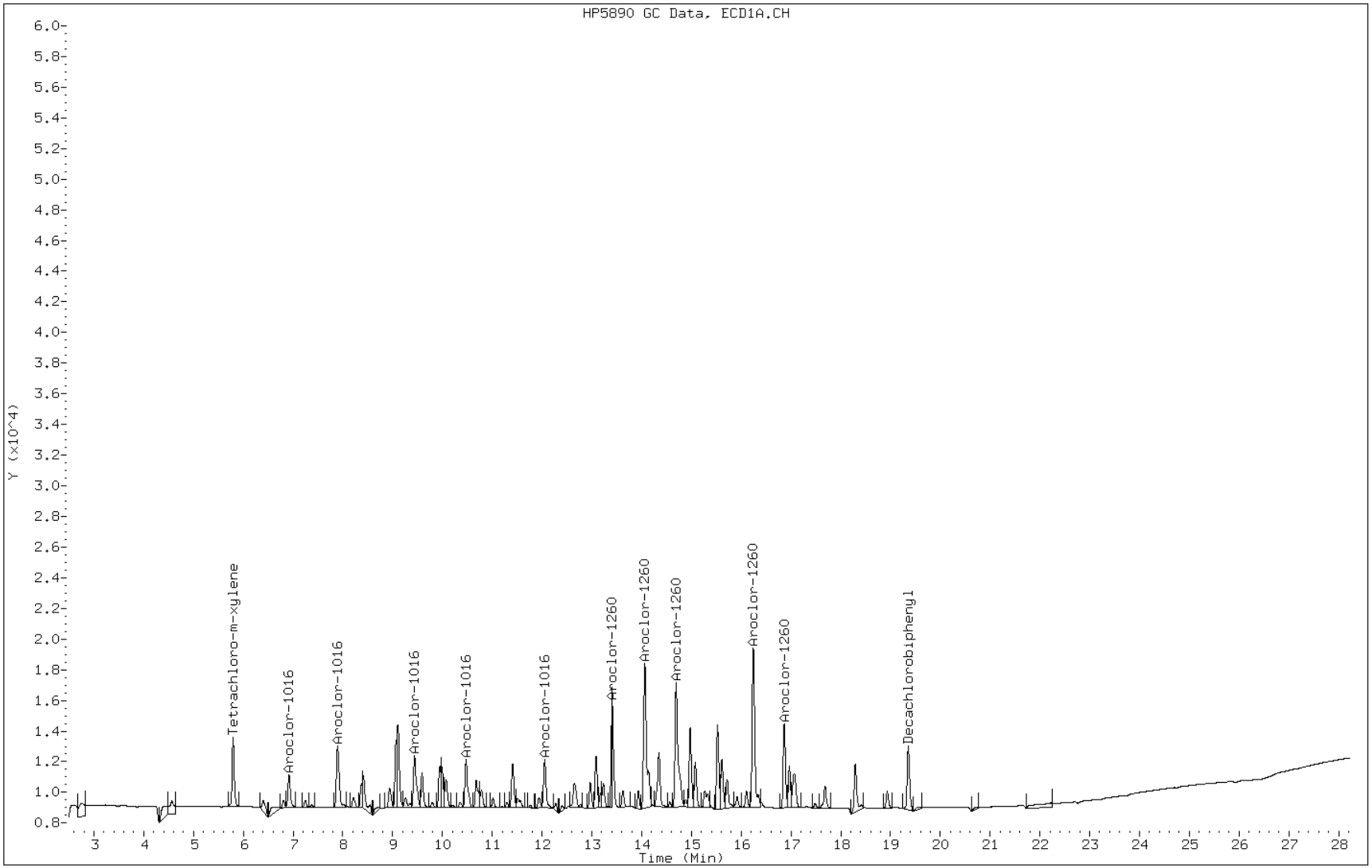
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	7172	25.0000	-0.89212	50.00- 150.00	100.00
7.893	7.890	0.003	16545	25.0000	-6.6264	38.38- 115.14	230.67
9.440	9.436	0.004	13935	25.0000	0.69286	21.89- 65.67	194.29
10.473	10.473	0.000	12026	25.0000	-1.5274	19.98- 59.94	167.67
12.053	12.050	0.003	11060	25.0000	11.56	19.98- 59.94	154.20
Average of Peak Amounts =					0.64139		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	10278	25.0000	-15.872	50.00- 150.00	100.00
14.063	14.063	0.000	40124	25.0000	20.28	79.28- 237.84	390.38
14.693	14.693	0.000	36110	25.0000	13.55	38.87- 116.60	351.33
16.243	16.243	0.000	37951	25.0000	18.33	40.33- 120.99	369.24
16.863	16.863	0.000	17350	25.0000	8.7723	22.45- 67.34	168.80
Average of Peak Amounts =					9.01206		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.796	5.793	0.003	13769	1.25000	0.24501		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	14324	1.25000	0.28925		

Data File: 021F2101.D

Date: 19-SEP-2011 22:53

Client ID: Instrument: GC_W.i

Sample Info: IC-938762,1660-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7182

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1016 Peak 1	8.900	8.900	8.900	8.900	8.900	8.900	8.900				8.700 - 9.100	8.900
PCB-1016 Peak 2	10.060	10.060	10.060	10.060	10.060	10.060	10.060				9.860 - 10.260	10.060
PCB-1016 Peak 3	11.840	11.840	11.840	11.840	11.840	11.840	11.837				11.640 - 12.040	11.840
PCB-1016 Peak 4	12.563	12.563	12.563	12.563	12.563	12.563	12.560				12.363 - 12.763	12.563
PCB-1016 Peak 5	13.040	13.040	13.040	13.040	13.040	13.037	13.037				12.840 - 13.240	13.039
PCB-1260 Peak 1	14.547	14.547	14.543	14.543	14.543	14.543	14.543				14.343 - 14.743	14.544
PCB-1260 Peak 2	15.050	15.050	15.047	15.047	15.047	15.047	15.047				14.847 - 15.247	15.048
PCB-1260 Peak 3	16.063	16.063	16.063	16.060	16.063	16.060	16.060				15.863 - 16.263	16.062
PCB-1260 Peak 4	16.717	16.717	16.717	16.717	16.717	16.717	16.713				16.517 - 16.917	16.716
PCB-1260 Peak 5	17.307	17.307	17.307	17.307	17.307	17.307	17.303				17.107 - 17.507	17.306
Tetrachloro-m-xylene	6.317	6.317	6.313	6.317	6.313	6.317	6.313				6.113 - 6.513	6.315
DCB Decachlorobiphenyl	20.727	20.727	20.727	20.727	20.727	20.727	20.723				20.527 - 20.927	20.726

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7182

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1016 Peak 1	740.28 368.86	608.78 322.73	519.44 307.18	422.96	Lin	-70.121099	297.009551							0.9924		0.9900
PCB-1016 Peak 2	1318.8 697.62	1071.6 621.71	926.08 599.75	775.20	Lin	-56.421751	582.353030							0.9953		0.9900
PCB-1016 Peak 3	503.80 275.13	418.10 248.40	354.95 244.85	302.43	Lin	-47.995135	236.905370							0.9973		0.9900
PCB-1016 Peak 4	442.68 204.05	315.38 183.17	268.72 180.59	226.16	Lin	-54.238376	173.582167							0.9973		0.9900
PCB-1016 Peak 5	483.44 212.72	332.26 190.97	280.55 188.61	238.75	Lin	-56.113363	180.792479							0.9973		0.9900
PCB-1260 Peak 1	1155.2 471.55	775.32 431.33	657.04 424.47	541.32	Lin	-60.316023	404.372363							0.9980		0.9900
PCB-1260 Peak 2	1214.3 510.03	846.68 460.19	711.49 453.27	571.18	Lin	-60.991376	432.009052							0.9977		0.9900
PCB-1260 Peak 3	916.76 333.77	566.66 322.73	475.98 318.60	397.72	Lin	-55.602625	302.134798							0.9991		0.9900
PCB-1260 Peak 4	828.20 346.55	563.84 335.42	478.04 332.86	406.28	Lin	-47.605580	317.784584							0.9992		0.9900
PCB-1260 Peak 5	1676.5 732.78	1146.6 685.58	970.44 677.34	830.72	Lin	-49.208708	649.744120							0.9989		0.9900
Tetrachloro-m-xylene	12931 8483.9	11131 7690.5	10181 7648.9	9127.0	Lin	-1.7536676	7477.58238							0.9975		0.9900
DCB Decachlorobiphenyl	13239 8244.1	11014 7263.9	10030 7229.2	9028.3	Lin	-2.1210153	7046.23409							0.9955		

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7182

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Lin	18507 242050	30439 307175	51944	105740	184432	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 2	Lin	32969 466280	53582 599748	92608	193799	348810	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 3	Lin	12595 186297	20905 244848	35495	75608	137566	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 4	Lin	11067 137374	15769 180590	26872	56541	102023	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 5	Lin	12086 143228	16613 188606	28055	59688	106358	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 1	Lin	28881 323498	38766 424473	65704	135330	235775	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 2	Lin	30358 345143	42334 453271	71149	142795	255016	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 3	Lin	22919 242049	28333 318595	47598	99429	166884	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 4	Lin	20705 251564	28192 332862	47804	101569	173276	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 5	Lin	41913 514182	57332 677335	97044	207680	366391	25.0 750	50.0 1000	100	250	500
Tetrachloro-m-xylene	Lin	16164 288393	27827 382444	50907	114087	212097	1.25 37.5	2.50 50.0	5.00	12.5	25.0
DCB Decachlorobiphenyl	Lin	16549 272397	27535 361461	50152	112854	206102	1.25 37.5	2.50 50.0	5.00	12.5	25.0

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\015F1501.D
Lab Smp Id: IC-938756
Inj Date : 19-SEP-2011 19:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938756,1660-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 15 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

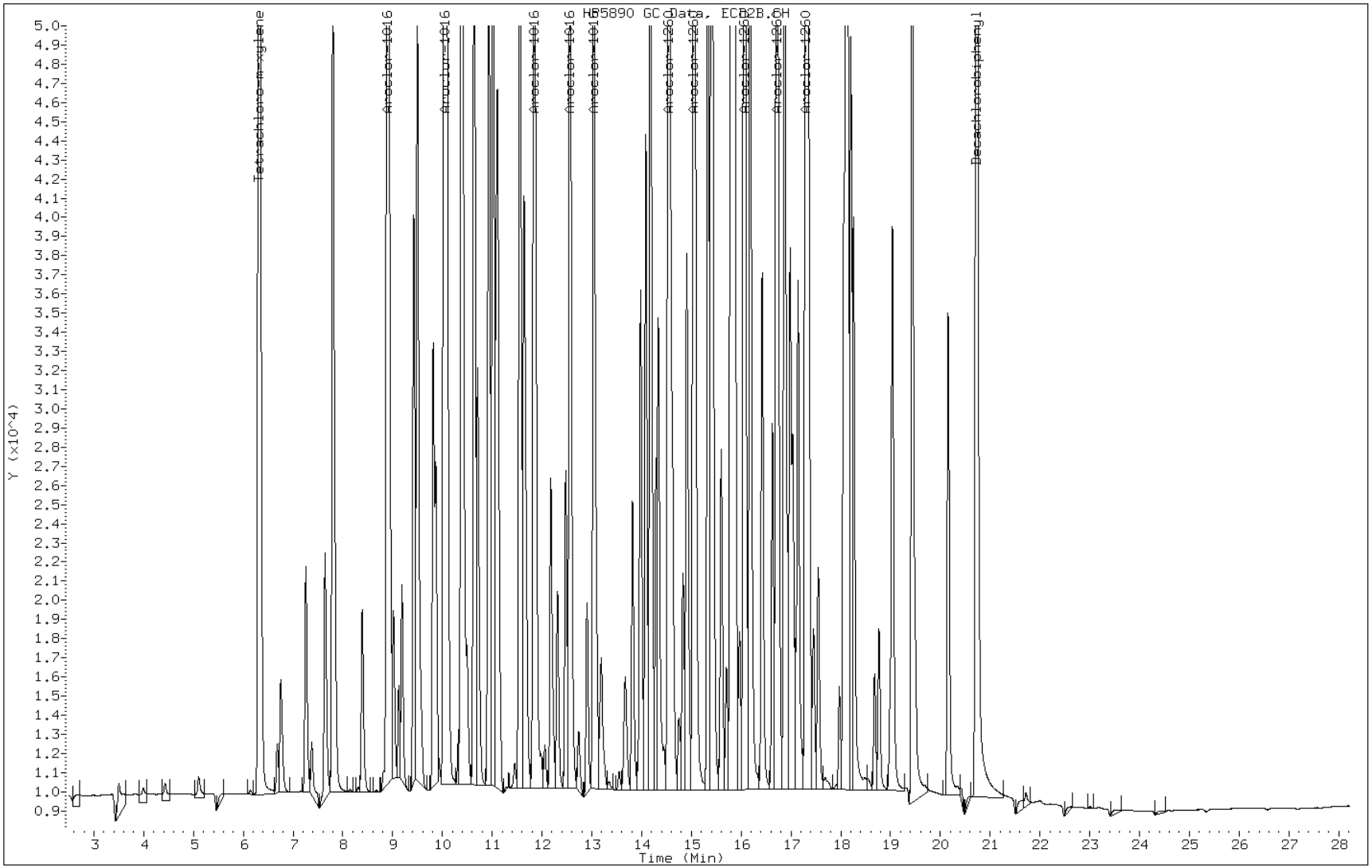
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	307175	1000.00	1002	50.00- 150.00	100.00
10.060	10.060	0.000	599748	1000.00	1005	96.02- 288.05	195.25
11.836	11.840	-0.004	244848	1000.00	1027	157.72- 473.17	79.71
12.560	12.563	-0.003	180590	1000.00	1024	64.46- 193.39	58.79
13.036	13.040	-0.004	188606	1000.00	1023	63.32- 189.95	61.40
		Average of Peak Amounts =			1016.20		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	424473	1000.00	1021	50.00- 150.00	100.00
15.046	15.046	0.000	453271	1000.00	1013	54.39- 163.17	106.78
16.060	16.063	-0.003	318595	1000.00	1021	32.96- 98.87	75.06
16.713	16.716	-0.003	332862	1000.00	1028	65.36- 196.07	78.42
17.303	17.306	-0.003	677335	1000.00	1012	16.03- 48.08	159.57
		Average of Peak Amounts =			1019.00		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.313	0.000	382444	50.0000	51.07		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.723	20.726	-0.003	361461	50.0000	49.56		

Data File: 015F1501.D

Date: 19-SEP-2011 19:42

Client ID: Instrument: GC_W.i

Sample Info: IC-938756,1660-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\016F1601.D
Lab Smp Id: IC-938757
Inj Date : 19-SEP-2011 20:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938757,1660-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 16 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

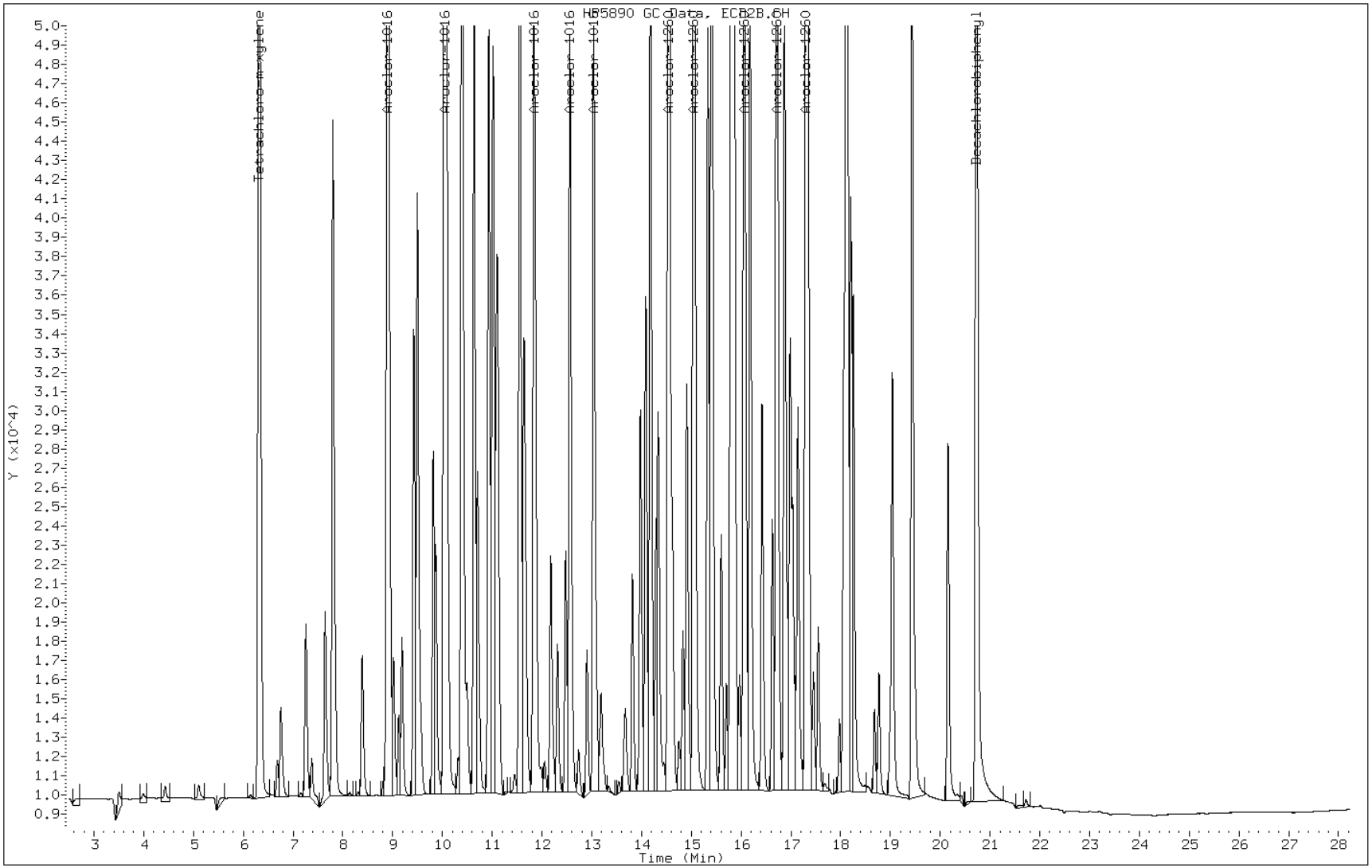
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	242050	750.000	758.5	50.00- 150.00	100.00
10.060	10.060	0.000	466280	750.000	754.4	96.02- 288.05	192.64
11.840	11.840	0.000	186297	750.000	753.0	157.72- 473.17	76.97
12.563	12.563	0.000	137374	750.000	749.7	64.46- 193.39	56.75
13.036	13.040	-0.004	143228	750.000	747.9	63.32- 189.95	59.17
Average of Peak Amounts =					752.700		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	323498	750.000	748.9	50.00- 150.00	100.00
15.046	15.046	0.000	345143	750.000	747.6	54.39- 163.17	106.69
16.060	16.063	-0.003	242049	750.000	751.3	32.96- 98.87	74.82
16.716	16.716	0.000	251564	750.000	752.0	65.36- 196.07	77.76
17.306	17.306	0.000	514182	750.000	747.1	16.03- 48.08	158.94
Average of Peak Amounts =					749.380		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.316	6.313	0.003	288393	37.5000	37.36		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	272397	37.5000	36.52		

Data File: 016F1601.D

Date: 19-SEP-2011 20:14

Client ID: Instrument: GC_W.i

Sample Info: IC-938757,1660-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\017F1701.D
Lab Smp Id: ICRT-982679
Inj Date : 19-SEP-2011 20:46
Operator : JAX Inst ID: GC_W.i
Smp Info : ICRT-982679, 4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 17 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	184432	500.000	550.8	50.00- 150.00	100.00
10.060	10.060	0.000	348810	500.000	542.5	96.02- 288.05	189.13
11.840	11.840	0.000	137566	500.000	532.7	157.72- 473.17	74.59
12.563	12.563	0.000	102023	500.000	533.5	64.46- 193.39	55.32
13.040	13.040	0.000	106358	500.000	532.2	63.32- 189.95	57.67
Average of Peak Amounts =					538.340		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	235775	500.000	522.7	50.00- 150.00	100.00
15.046	15.046	0.000	255016	500.000	529.3	54.39- 163.17	108.16
16.063	16.063	0.000	166884	500.000	496.7	32.96- 98.87	70.78
16.716	16.716	0.000	173276	500.000	497.6	65.36- 196.07	73.49
17.306	17.306	0.000	366391	500.000	514.7	16.03- 48.08	155.40
Average of Peak Amounts =					512.200		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.313	0.000	212097	25.0000	26.61		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	206102	25.0000	27.13		

Data File: 017F1701.D

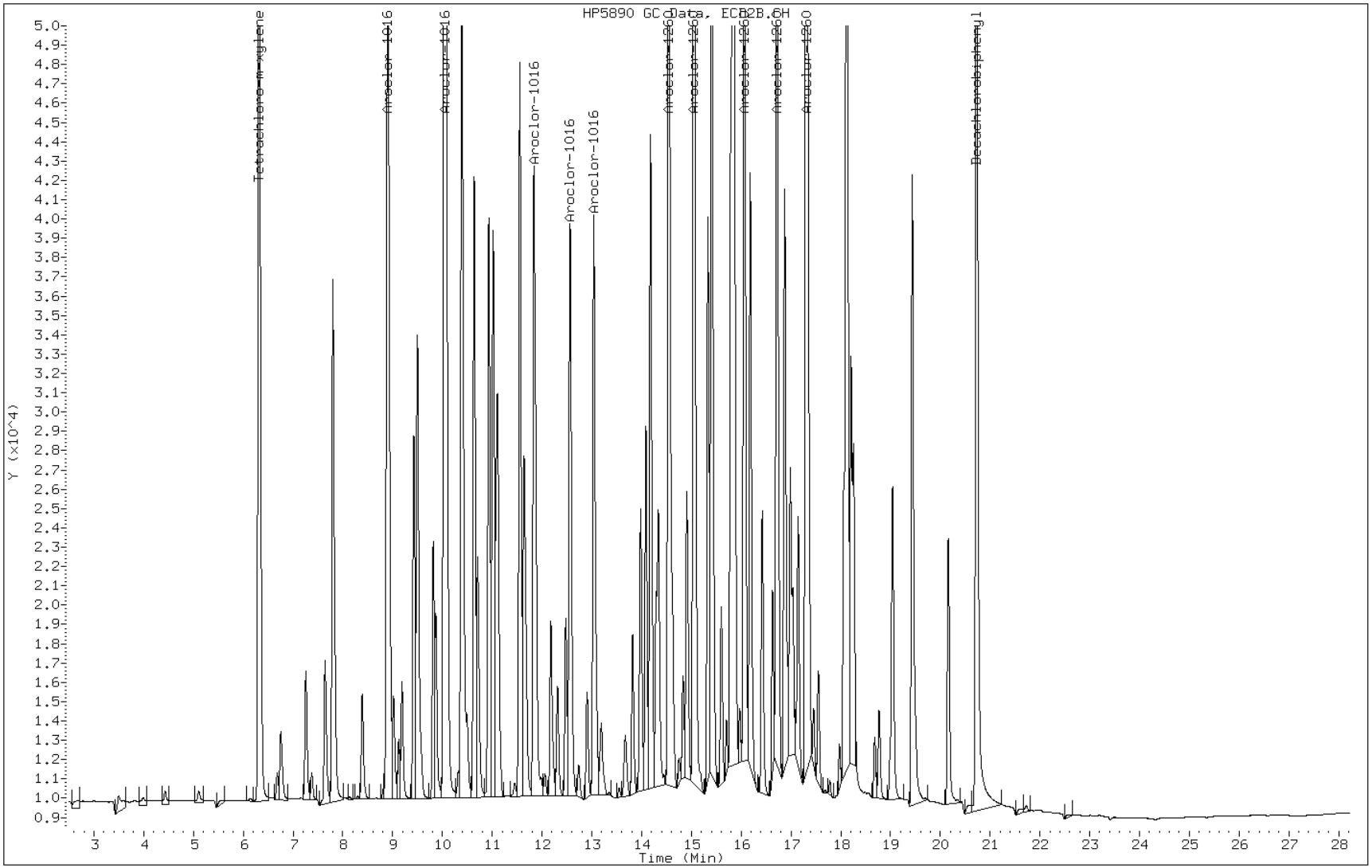
Date: 19-SEP-2011 20:46

Client ID:

Instrument: GC_W.i

Sample Info: ICRT-982679, 4

Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\018F1801.D
Lab Smp Id: IC-938759
Inj Date : 19-SEP-2011 21:18
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938759,1660-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

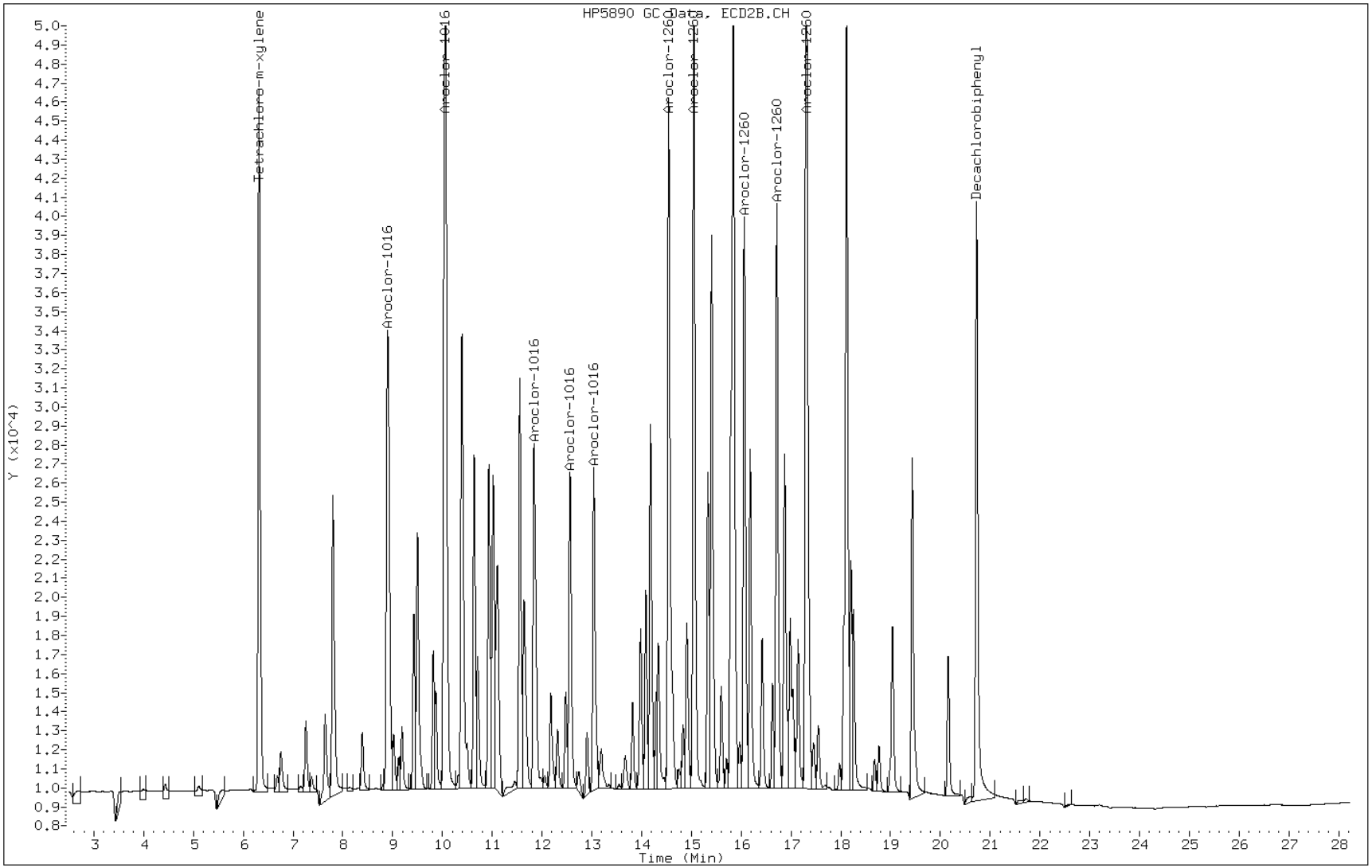
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	105740	250.000	291.6	50.00- 150.00	100.00
10.060	10.060	0.000	193799	250.000	279.8	96.02- 288.05	183.28
11.840	11.840	0.000	75608	250.000	278.0	157.72- 473.17	71.50
12.563	12.563	0.000	56541	250.000	276.7	64.46- 193.39	53.47
13.040	13.040	0.000	59688	250.000	276.7	63.32- 189.95	56.45
Average of Peak Amounts =					280.560		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	135330	250.000	275.8	50.00- 150.00	100.00
15.046	15.046	0.000	142795	250.000	272.9	54.39- 163.17	105.52
16.060	16.063	-0.003	99429	250.000	276.9	32.96- 98.87	73.47
16.716	16.716	0.000	101569	250.000	275.8	65.36- 196.07	75.05
17.306	17.306	0.000	207680	250.000	272.5	16.03- 48.08	153.46
Average of Peak Amounts =					274.780		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.316	6.313	0.003	114087	12.5000	13.66		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	112854	12.5000	13.84		

Data File: 018F1801.D

Date: 19-SEP-2011 21:18

Client ID: Instrument: GC_W.i

Sample Info: IC-938759,1660-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\019F1901.D
Lab Smp Id: IC-938760
Inj Date : 19-SEP-2011 21:50
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938760,1660-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 19 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

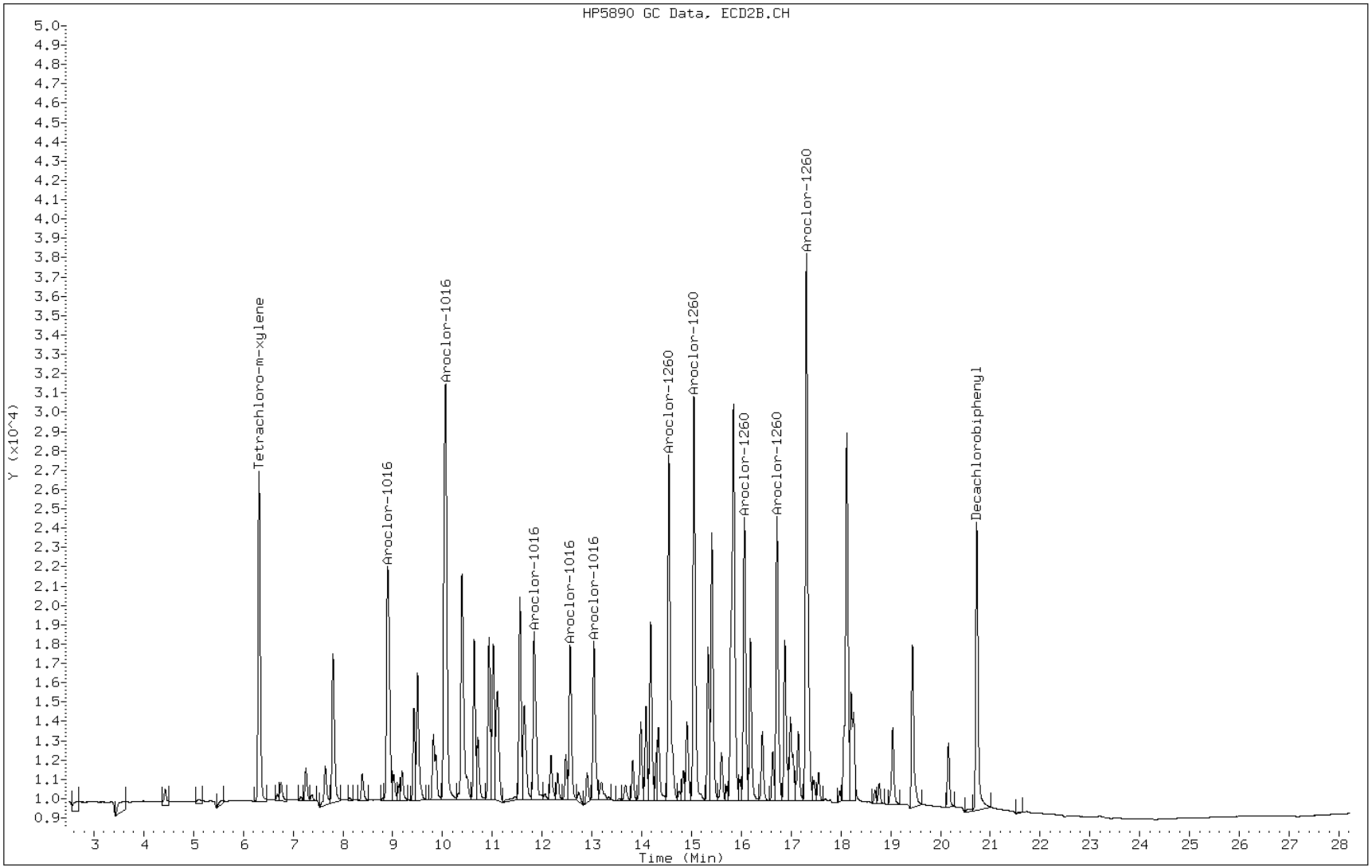
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	51944	100.000	108.7	50.00- 150.00	100.00
10.060	10.060	0.000	92608	100.000	104.5	96.02- 288.05	178.28
11.840	11.840	0.000	35495	100.000	105.9	157.72- 473.17	68.33
12.563	12.563	0.000	26872	100.000	103.1	64.46- 193.39	51.73
13.040	13.040	0.000	28055	100.000	99.87	63.32- 189.95	54.01
Average of Peak Amounts =					104.414		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	65704	100.000	101.4	50.00- 150.00	100.00
15.046	15.046	0.000	71149	100.000	105.6	54.39- 163.17	108.29
16.063	16.063	0.000	47598	100.000	104.3	32.96- 98.87	72.44
16.716	16.716	0.000	47804	100.000	105.1	65.36- 196.07	72.76
17.306	17.306	0.000	97044	100.000	101.3	16.03- 48.08	147.70
Average of Peak Amounts =					103.540		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.313	6.313	0.000	50907	5.00000	5.1385		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	50152	5.00000	4.9984		

Data File: 019F1901.D

Date: 19-SEP-2011 21:50

Client ID: Instrument: GC_W.i

Sample Info: IC-938760,1660-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\020F2001.D
Lab Smp Id: IC-938761
Inj Date : 19-SEP-2011 22:22
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938761,1660-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 20 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

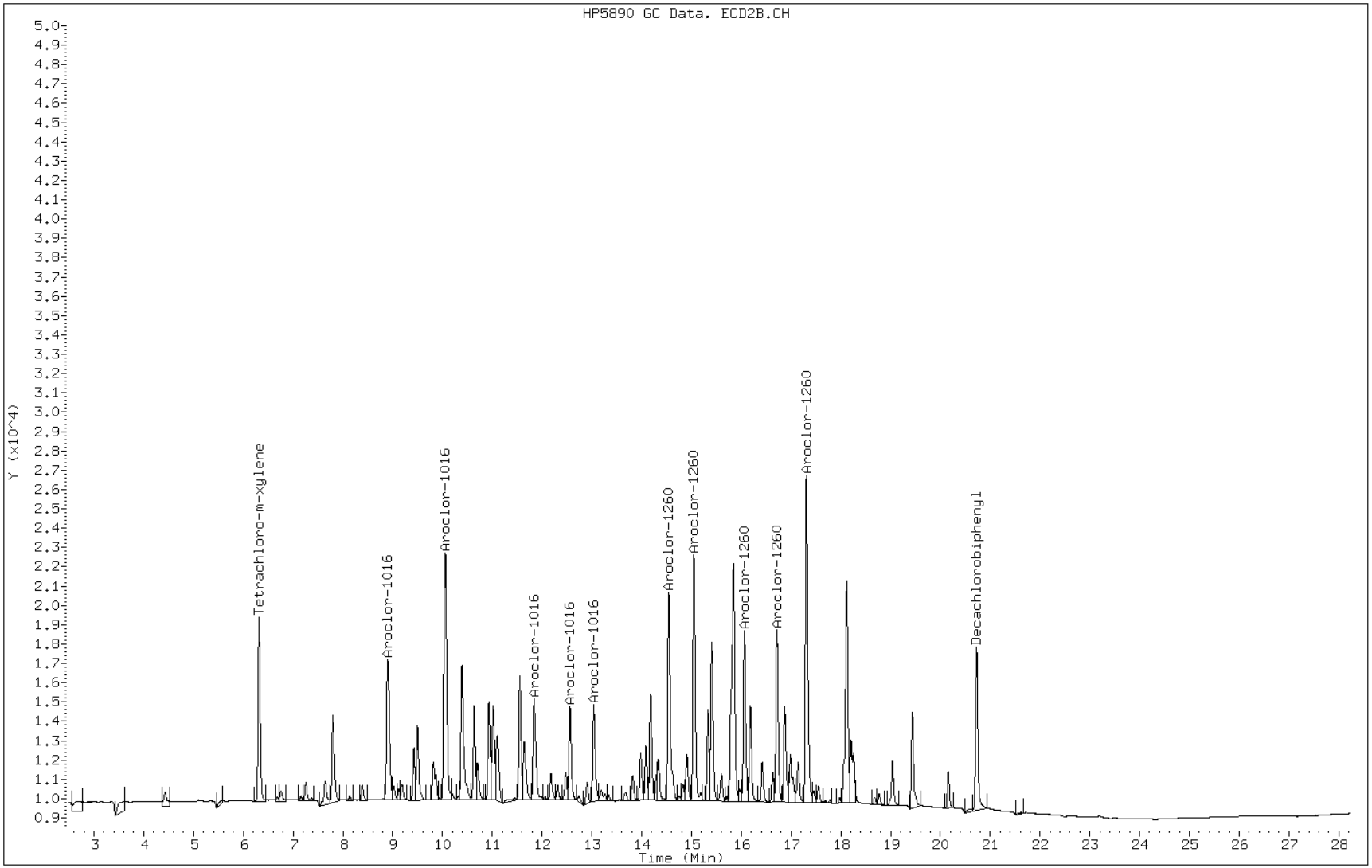
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	30439	50.0000	34.27	50.00- 150.00	100.00
10.060	10.060	0.000	53582	50.0000	36.30	96.02- 288.05	176.03
11.840	11.840	0.000	20905	50.0000	42.09	157.72- 473.17	68.68
12.563	12.563	0.000	15769	50.0000	37.83	64.46- 193.39	51.80
13.040	13.040	0.000	16613	50.0000	36.03	63.32- 189.95	54.58
Average of Peak Amounts =					37.3040		
7 Aroclor-1260					CAS #: 11096-82-5		
14.546	14.543	0.003	38766	50.0000	34.72	50.00- 150.00	100.00
15.050	15.046	0.004	42334	50.0000	37.49	54.39- 163.17	109.21
16.063	16.063	0.000	28333	50.0000	39.90	32.96- 98.87	73.09
16.716	16.716	0.000	28192	50.0000	42.25	65.36- 196.07	72.72
17.306	17.306	0.000	57332	50.0000	39.61	16.03- 48.08	147.89
Average of Peak Amounts =					38.7940		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.316	6.313	0.003	27827	2.50000	1.9920		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	27535	2.50000	1.7840		

Data File: 020F2001.D

Date: 19-SEP-2011 22:22

Client ID: Instrument: GC_W.i

Sample Info: IC-938761,1660-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\021F2101.D
Lab Smp Id: IC-938762
Inj Date : 19-SEP-2011 22:53
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938762,1660-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 21 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

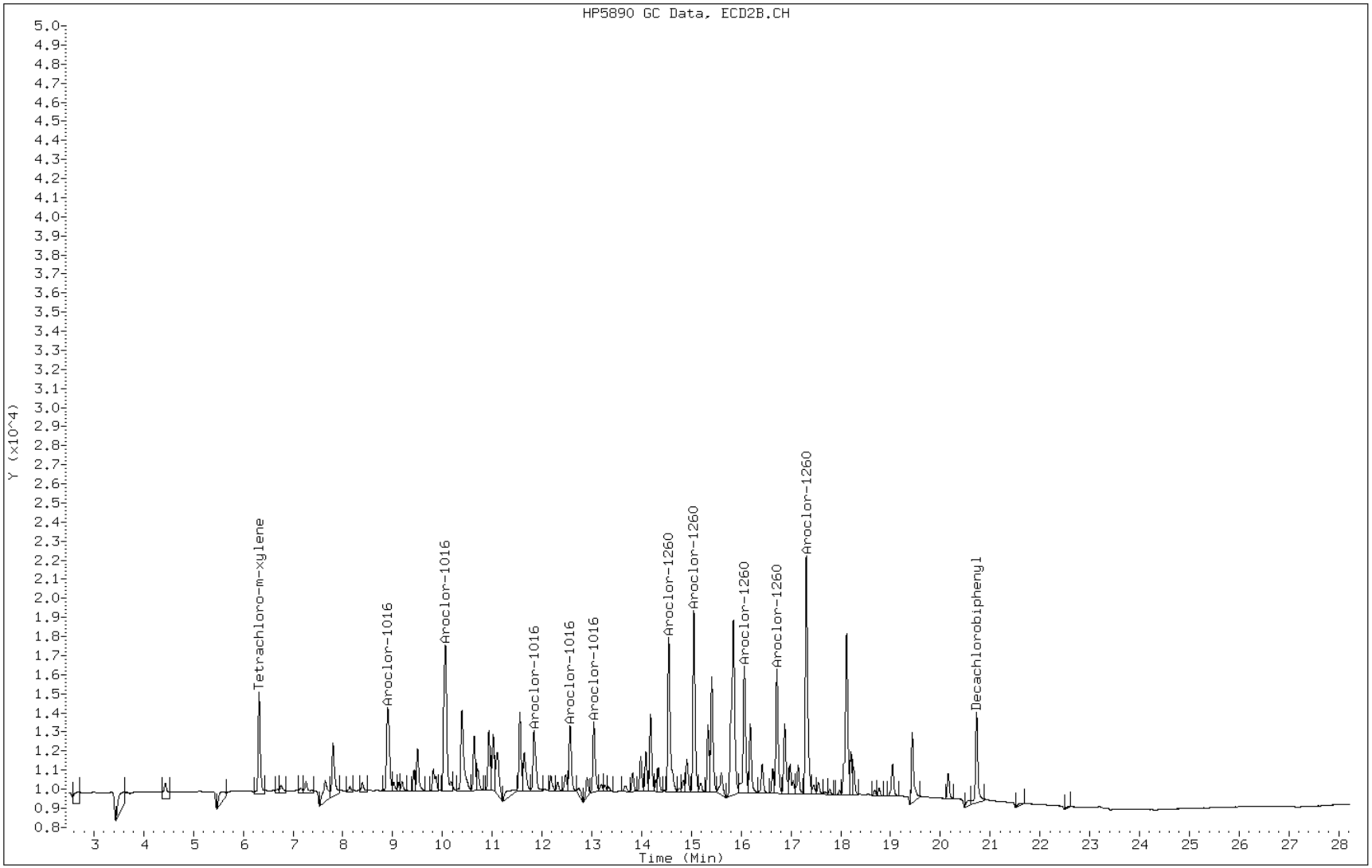
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.900	0.000	18507	25.0000	-7.8100	50.00- 150.00	100.00
10.060	10.060	0.000	32969	25.0000	0.19167	96.02- 288.05	178.14
11.840	11.840	0.000	12595	25.0000	5.1696	157.72- 473.17	68.05
12.563	12.563	0.000	11067	25.0000	9.5182	64.46- 193.39	59.80
13.040	13.040	0.000	12086	25.0000	10.74	63.32- 189.95	65.31
		Average of Peak Amounts =			3.56189		
7 Aroclor-1260					CAS #: 11096-82-5		
14.546	14.543	0.003	28881	25.0000	11.10	50.00- 150.00	100.00
15.050	15.046	0.004	30358	25.0000	9.2803	54.39- 163.17	105.11
16.063	16.063	0.000	22919	25.0000	20.25	32.96- 98.87	79.36
16.716	16.716	0.000	20705	25.0000	17.55	65.36- 196.07	71.69
17.306	17.306	0.000	41913	25.0000	15.30	16.03- 48.08	145.12
		Average of Peak Amounts =			14.6961		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.316	6.313	0.003	16164	1.25000	0.40799		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	16549	1.25000	0.22762		

Data File: 021F2101.D

Date: 19-SEP-2011 22:53

Client ID: Instrument: GC_W.i

Sample Info: IC-938762,1660-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1232 Peak 1	6.920	6.917	6.920	6.917	6.913	6.913	6.917				6.713 - 7.113	6.917
PCB-1232 Peak 2	7.897	7.897	7.897	7.893	7.893	7.893	7.893				7.693 - 8.093	7.895
PCB-1232 Peak 3	9.443	9.443	9.443	9.440	9.440	9.437	9.437				9.240 - 9.640	9.440
PCB-1232 Peak 4	11.517	11.517	11.517	11.513	11.510	11.510	11.510				11.310 - 11.710	11.513
PCB-1232 Peak 5	11.570	11.570	11.570	11.567	11.567	11.567	11.567				11.367 - 11.767	11.568
PCB-1262 Peak 1	13.413	13.413	13.413	13.410	13.410	13.407	13.407				13.210 - 13.610	13.411
PCB-1262 Peak 2	14.980	14.977	14.977	14.977	14.973	14.973	14.973				14.773 - 15.173	14.976
PCB-1262 Peak 3	15.530	15.527	15.527	15.527	15.523	15.523	15.523				15.323 - 15.723	15.526
PCB-1262 Peak 4	16.247	16.247	16.247	16.243	16.243	16.240	16.240				16.043 - 16.443	16.244
PCB-1262 Peak 5	18.297	18.293	18.297	18.293	18.293	18.290	18.290				18.093 - 18.493	18.293

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1232 Peak 1	310.96 185.52	274.30 173.25	247.45 161.41	216.15	Lin	-52.639814	159.154063							0.9942		0.9900
PCB-1232 Peak 2	271.08 164.25	244.32 153.73	220.54 142.60	188.55	Lin	-52.142720	140.855637							0.9943		0.9900
PCB-1232 Peak 3	217.20 142.42	196.98 136.20	181.47 127.19	160.35	Lin	-40.984498	126.293621							0.9961		0.9900
PCB-1232 Peak 4	133.88 91.894	124.54 87.987	115.13 83.455	100.16	Lin	-35.095345	82.6934277							0.9976		0.9900
PCB-1232 Peak 5	152.96 102.95	137.16 97.464	128.29 94.047	116.63	Lin	-36.547179	92.5645557							0.9975		0.9900
PCB-1262 Peak 1	545.72 322.47	480.26 297.75	427.63 283.23	365.94	Lin	-50.388375	277.333565							0.9959		0.9900
PCB-1262 Peak 2	766.68 463.38	682.56 430.53	591.10 403.43	527.17	Lin	-49.137932	398.220182							0.9949		0.9900
PCB-1262 Peak 3	750.36 418.57	619.40 394.81	533.18 369.25	477.44	Lin	-48.323145	364.071891							0.9958		0.9900
PCB-1262 Peak 4	1334.8 787.53	1193.0 746.01	998.04 701.61	885.02	Lin	-45.405642	691.304030							0.9967		0.9900
PCB-1262 Peak 5	620.04 309.51	445.62 297.34	400.16 279.91	342.97	Lin	-44.314654	275.094228							0.9977		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin	7774 129939	13715 161412	24745	54038	92759	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 2	Lin	6777 115296	12216 142597	22054	47137	82124	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 3	Lin	5430 102148	9849 127194	18147	40088	71212	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 4	Lin	3347 65990	6227 83455	11513	25041	45947	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 5	Lin	3824 73098	6858 94047	12829	29158	51477	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 1	Lin	13643 223316	24013 283231	42763	91486	161236	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 2	Lin	19167 322897	34128 403429	59110	131793	231689	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 3	Lin	18759 296108	30970 369245	53318	119359	209285	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 4	Lin	33371 559506	59649 701613	99804	221254	393765	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 5	Lin	15501 223006	22281 279911	40016	85743	154754	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\022F2201.D
Lab Smp Id: IC-901303
Inj Date : 19-SEP-2011 23:25
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901303,3262-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 22 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

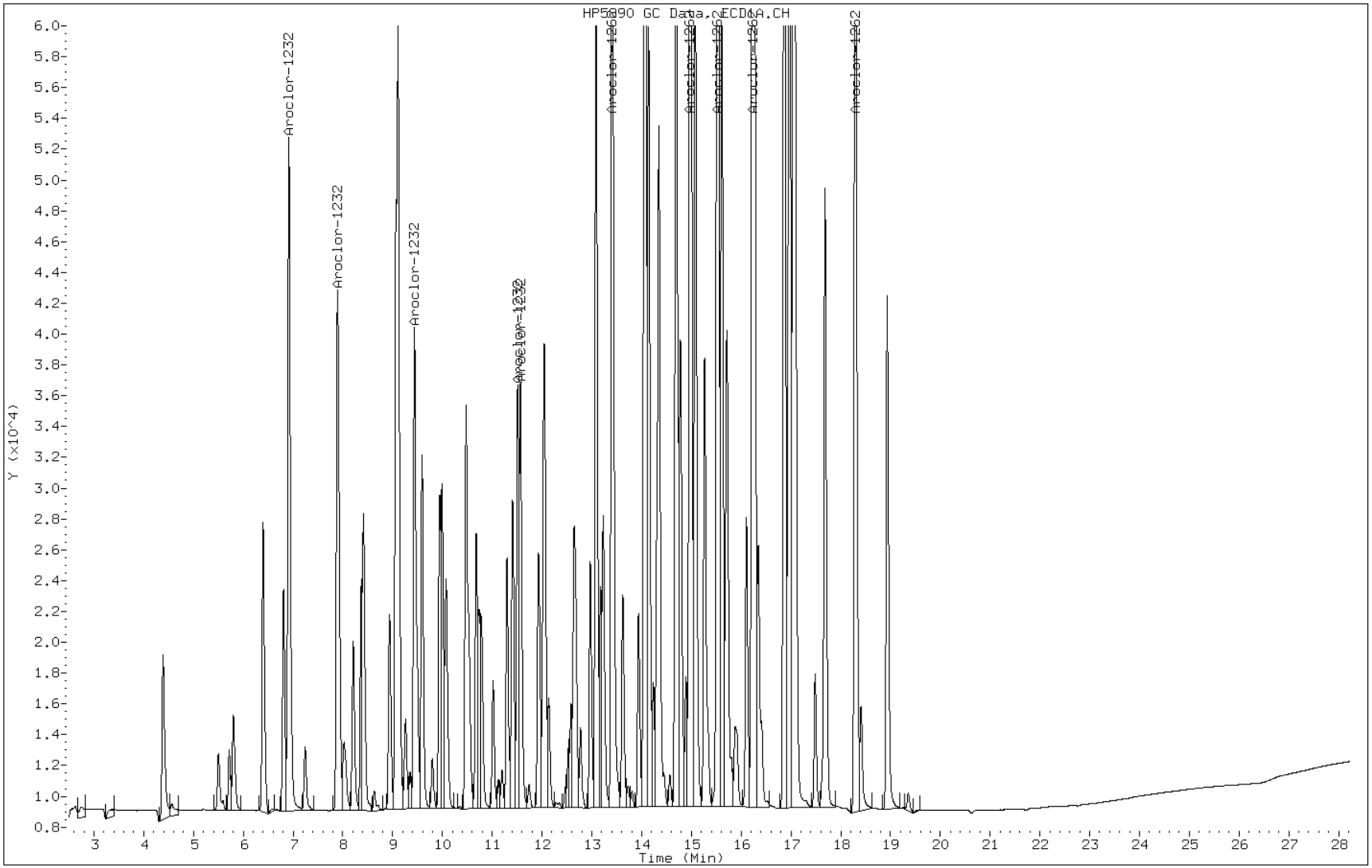
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	161412	1000.00	1005	50.00- 150.00	100.00
7.893	7.893	0.000	142597	1000.00	1006	317.01- 951.03	88.34
9.436	9.440	-0.004	127194	1000.00	1019	689.98-2069.93	78.80
11.510	11.510	0.000	83455	1000.00	1027	517.87-1553.61	51.70
11.566	11.566	0.000	94047	1000.00	1003	268.49- 805.46	58.26
Average of Peak Amounts =					1012.00		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	283231	1000.00	1007	50.00- 150.00	100.00
14.973	14.973	0.000	403429	1000.00	998.0	191.51- 574.53	142.44
15.523	15.523	0.000	369245	1000.00	998.5	77.67- 233.02	130.37
16.240	16.243	-0.003	701613	1000.00	999.8	80.58- 241.76	247.72
18.290	18.293	-0.003	279911	1000.00	999.4	46.50- 139.50	98.83
Average of Peak Amounts =					1000.54		

Data File: 022F2201.D

Date: 19-SEP-2011 23:25

Client ID: Instrument: GC_W.i

Sample Info: IC-901303,3262-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\023F2301.D
Lab Smp Id: IC-901304
Inj Date : 19-SEP-2011 23:57
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901304,3262-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 23 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

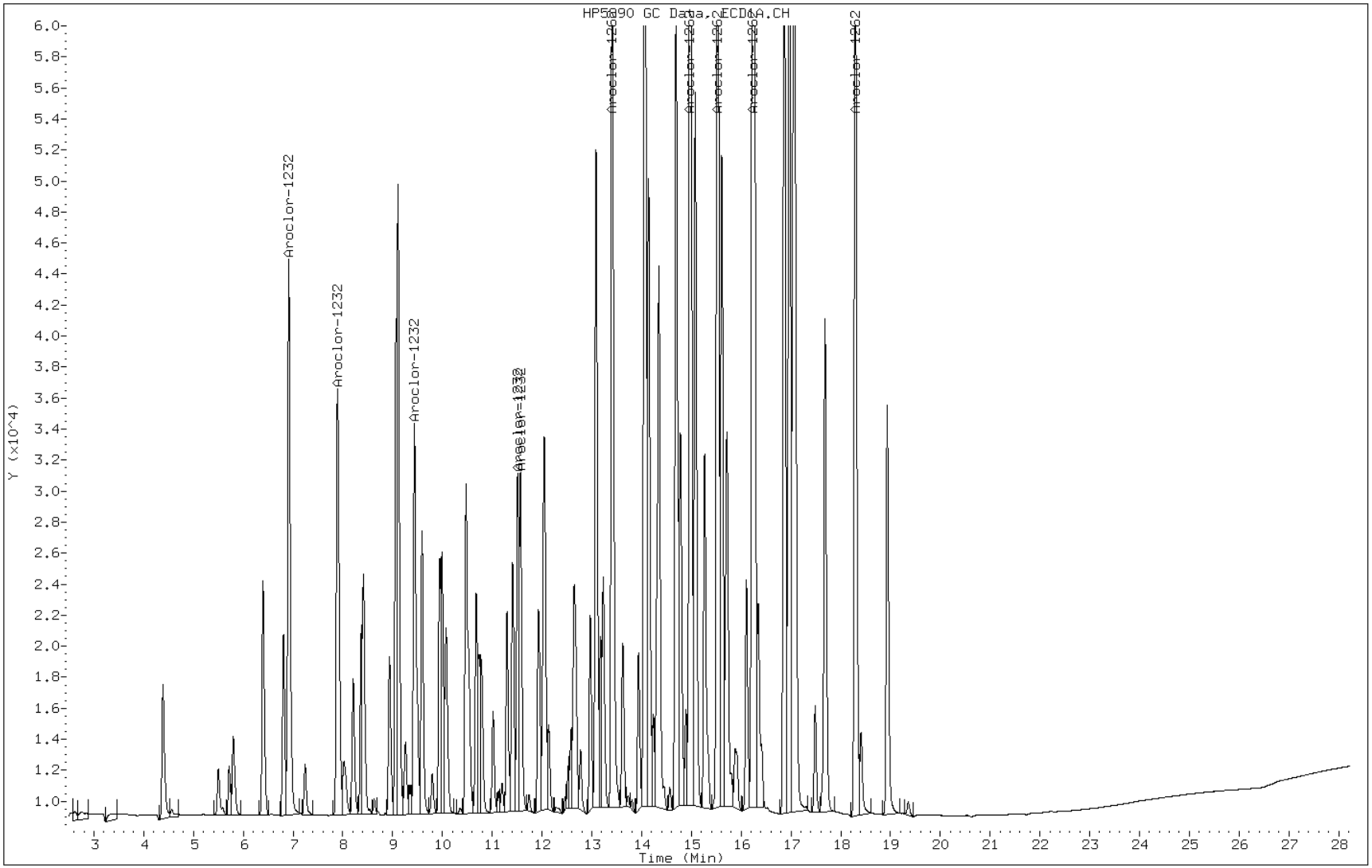
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	129939	750.000	778.6	50.00- 150.00	100.00
7.893	7.893	0.000	115296	750.000	781.7	317.01- 951.03	88.73
9.436	9.440	-0.004	102148	750.000	784.6	689.98-2069.93	78.61
11.510	11.510	0.000	65990	750.000	777.3	517.87-1553.61	50.79
11.566	11.566	0.000	73098	750.000	765.1	268.49- 805.46	56.26
Average of Peak Amounts =					777.460		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	223316	750.000	768.9	50.00- 150.00	100.00
14.973	14.973	0.000	322897	750.000	774.7	191.51- 574.53	144.59
15.523	15.523	0.000	296108	750.000	776.6	77.67- 233.02	132.60
16.240	16.243	-0.003	559506	750.000	774.9	80.58- 241.76	250.54
18.290	18.293	-0.003	223006	750.000	775.1	46.50- 139.50	99.86
Average of Peak Amounts =					774.040		

Data File: 023F2301.D

Date: 19-SEP-2011 23:57

Client ID: Instrument: GC_W.i

Sample Info: IC-901304,3262-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\024F2401.D
Lab Smp Id: IC-901326
Inj Date : 20-SEP-2011 00:29
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901326,3262-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 24 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

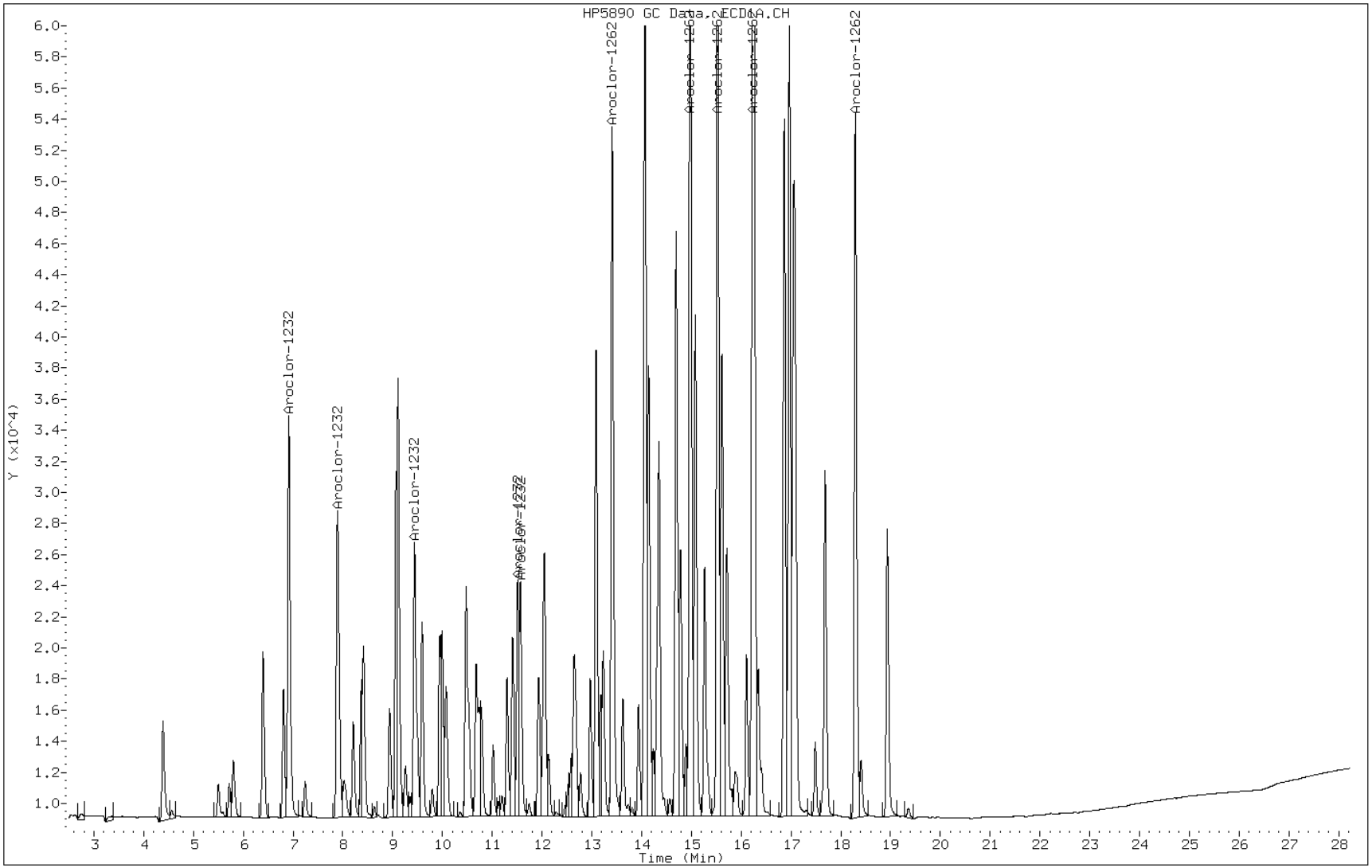
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	92759	500.000	530.2	50.00- 150.00	100.00
7.893	7.893	0.000	82124	500.000	530.9	317.01- 951.03	88.53
9.440	9.440	0.000	71212	500.000	522.9	689.98-2069.93	76.77
11.510	11.510	0.000	45947	500.000	520.5	517.87-1553.61	49.53
11.566	11.566	0.000	51477	500.000	519.6	268.49- 805.46	55.50
Average of Peak Amounts =					524.820		
9 Aroclor-1262					CAS #:		
13.410	13.410	0.000	161236	500.000	531.0	50.00- 150.00	100.00
14.973	14.973	0.000	231689	500.000	532.7	191.51- 574.53	143.70
15.523	15.523	0.000	209285	500.000	526.5	77.67- 233.02	129.80
16.243	16.243	0.000	393765	500.000	524.2	80.58- 241.76	244.22
18.293	18.293	0.000	154754	500.000	518.2	46.50- 139.50	95.98
Average of Peak Amounts =					526.520		

Data File: 024F2401.D

Date: 20-SEP-2011 00:29

Client ID: Instrument: GC_W.i

Sample Info: IC-901326,3262-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\025F2501.D
Lab Smp Id: IC-901327
Inj Date : 20-SEP-2011 01:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901327,3262-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 25 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

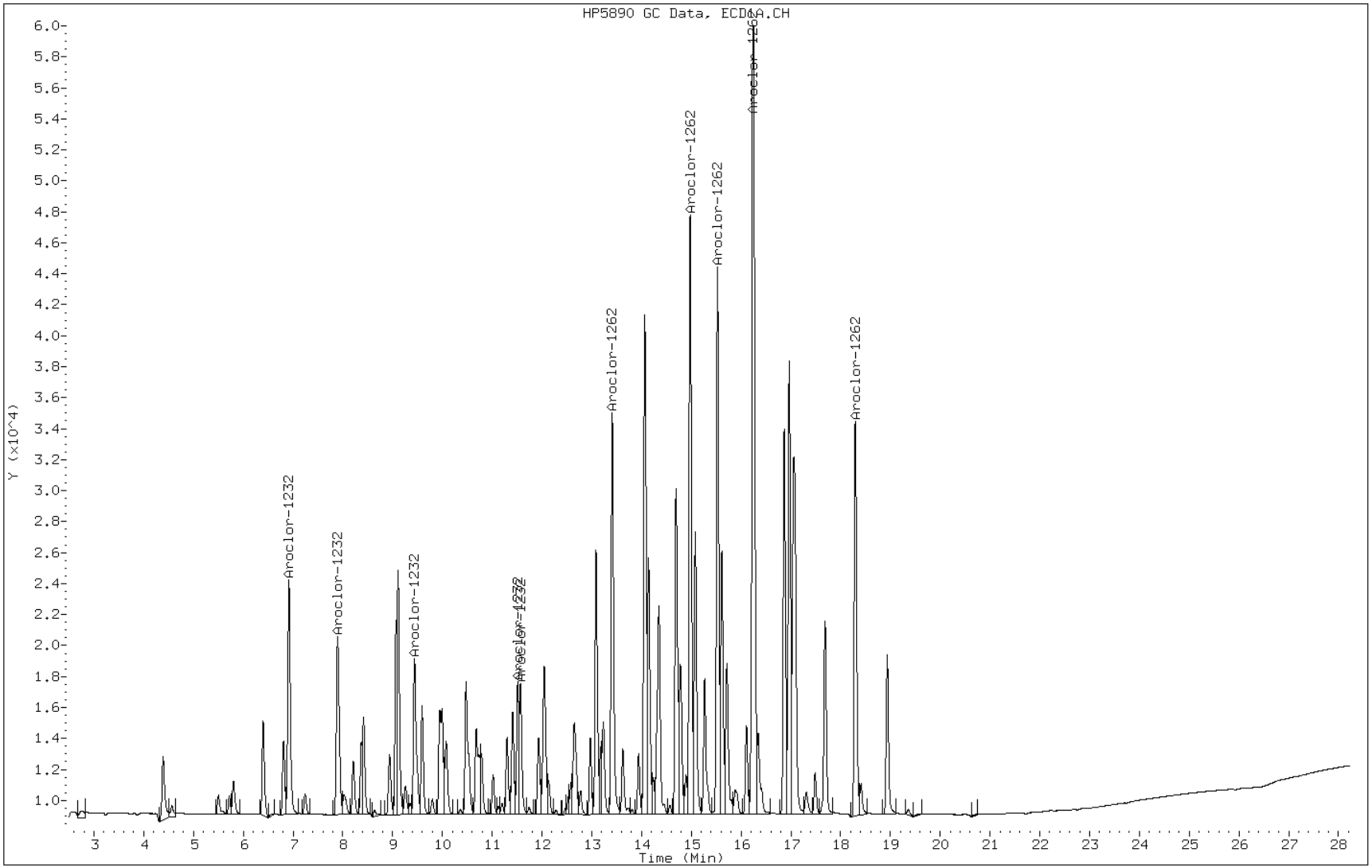
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	54038	250.000	291.0	50.00- 150.00	100.00
7.893	7.893	0.000	47137	250.000	287.1	317.01- 951.03	87.23
9.440	9.440	0.000	40088	250.000	282.1	689.98-2069.93	74.19
11.513	11.510	0.003	25041	250.000	271.9	517.87-1553.61	46.34
11.566	11.566	0.000	29158	250.000	282.3	268.49- 805.46	53.96
Average of Peak Amounts =					282.880		
9 Aroclor-1262					CAS #:		
13.410	13.410	0.000	91486	250.000	283.9	50.00- 150.00	100.00
14.976	14.973	0.003	131793	250.000	284.4	191.51- 574.53	144.06
15.526	15.523	0.003	119359	250.000	282.8	77.67- 233.02	130.47
16.243	16.243	0.000	221254	250.000	277.7	80.58- 241.76	241.84
18.293	18.293	0.000	85743	250.000	271.1	46.50- 139.50	93.72
Average of Peak Amounts =					279.980		

Data File: 025F2501.D

Date: 20-SEP-2011 01:00

Client ID: Instrument: GC_W.i

Sample Info: IC-901327,3262-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\026F2601.D
Lab Smp Id: IC-901328
Inj Date : 20-SEP-2011 01:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901328,3262-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 26 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

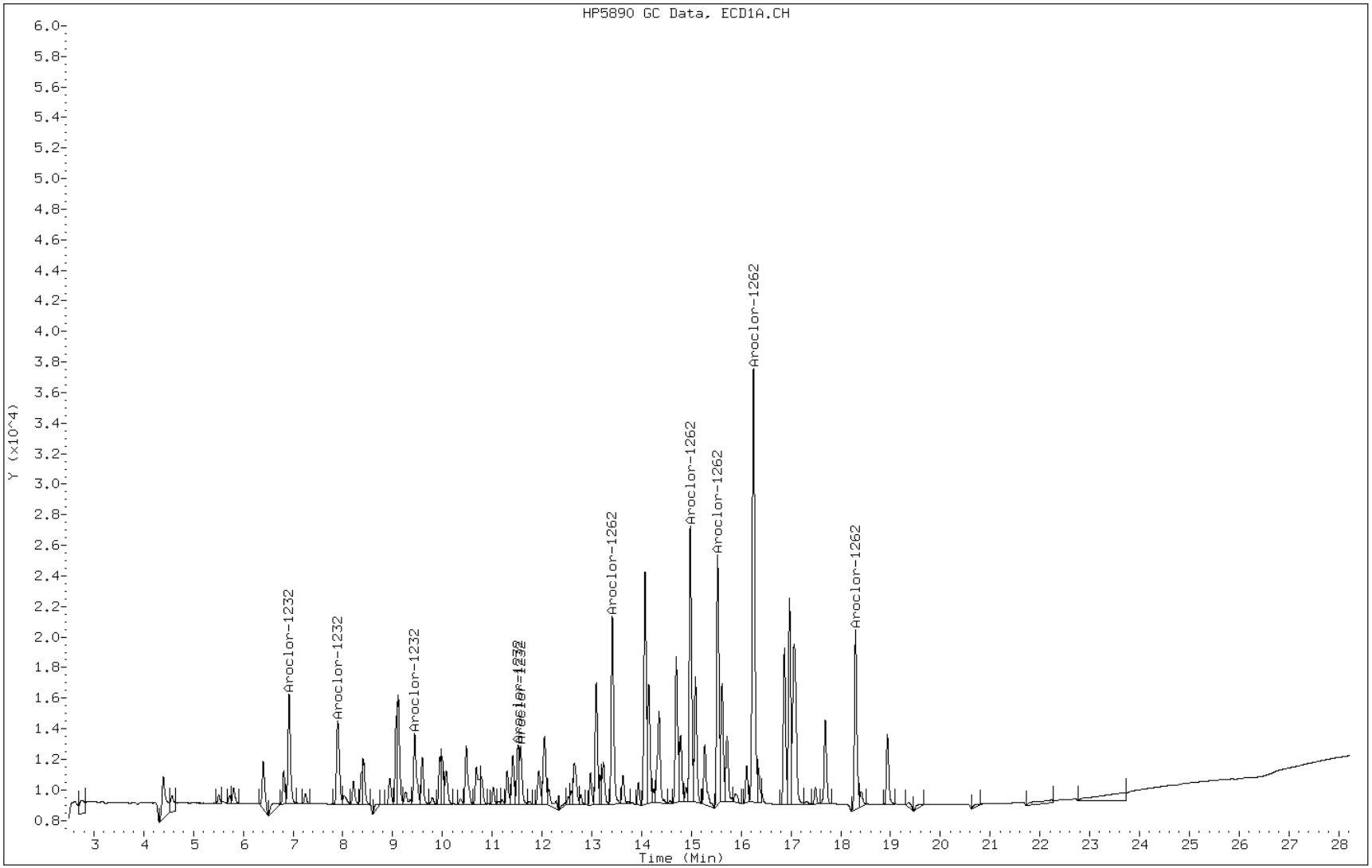
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.920	6.913	0.007	24745	100.000	105.8	50.00- 150.00	100.00
7.896	7.893	0.003	22054	100.000	107.5	317.01- 951.03	89.12
9.443	9.440	0.003	18147	100.000	106.7	689.98-2069.93	73.33
11.516	11.510	0.006	11513	100.000	106.5	517.87-1553.61	46.53
11.570	11.566	0.004	12829	100.000	105.1	268.49- 805.46	51.84
Average of Peak Amounts =					106.320		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	42763	100.000	107.0	50.00- 150.00	100.00
14.976	14.973	0.003	59110	100.000	101.5	191.51- 574.53	138.23
15.526	15.523	0.003	53318	100.000	101.4	77.67- 233.02	124.68
16.246	16.243	0.003	99804	100.000	101.1	80.58- 241.76	233.39
18.296	18.293	0.003	40016	100.000	103.3	46.50- 139.50	93.58
Average of Peak Amounts =					102.860		

Data File: 026F2601.D

Date: 20-SEP-2011 01:32

Client ID: Instrument: GC_W.i

Sample Info: IC-901328,3262-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\027F2701.D
Lab Smp Id: IC-901329
Inj Date : 20-SEP-2011 02:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901329,3262-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 27 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

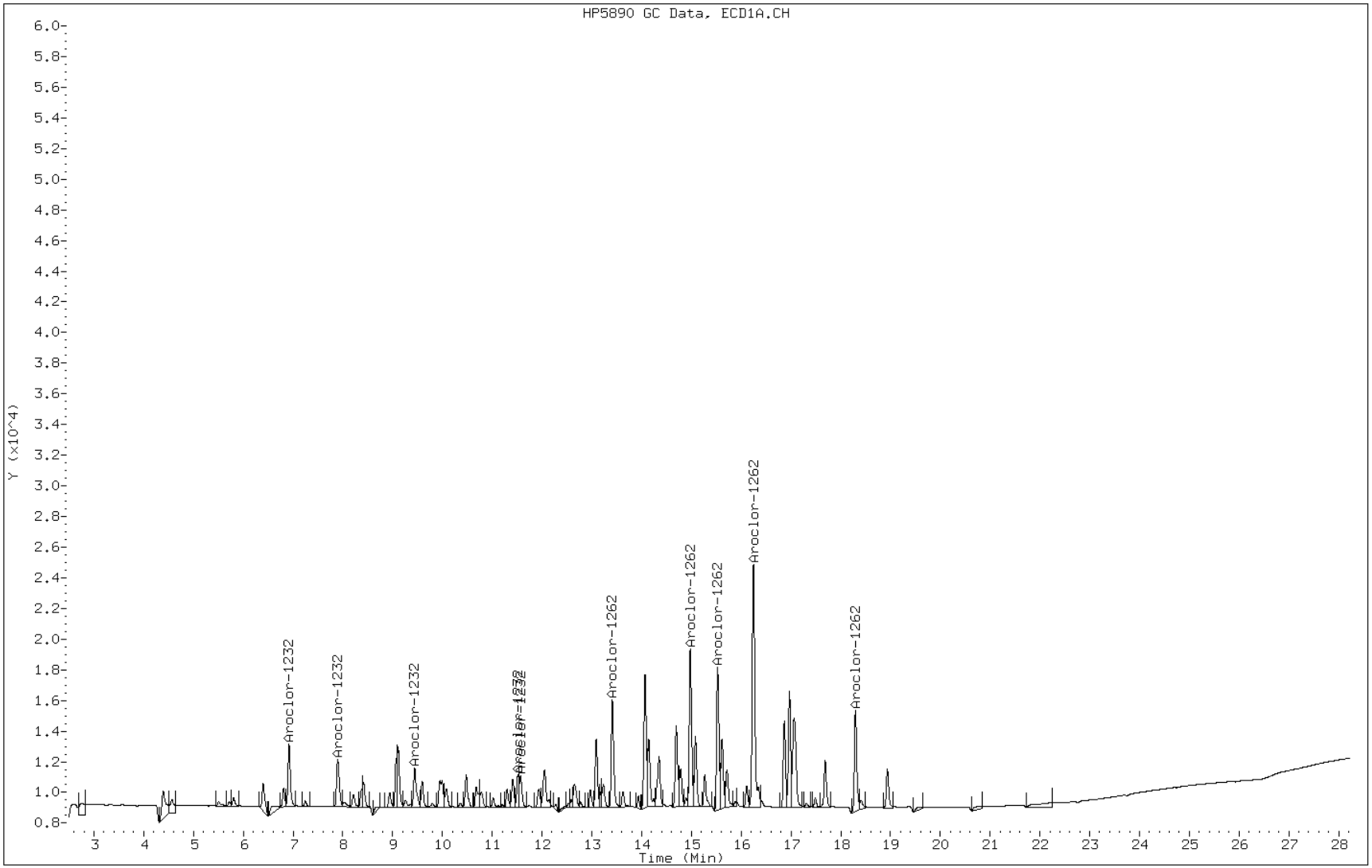
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	13715	50.0000	35.31	50.00- 150.00	100.00
7.896	7.893	0.003	12216	50.0000	36.18	317.01- 951.03	89.07
9.443	9.440	0.003	9849	50.0000	39.06	689.98-2069.93	71.81
11.516	11.510	0.006	6227	50.0000	40.87	517.87-1553.61	45.40
11.570	11.566	0.004	6858	50.0000	39.10	268.49- 805.46	50.01
Average of Peak Amounts =					38.1040		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	24013	50.0000	37.58	50.00- 150.00	100.00
14.976	14.973	0.003	34128	50.0000	37.41	191.51- 574.53	142.12
15.526	15.523	0.003	30970	50.0000	38.41	77.67- 233.02	128.97
16.246	16.243	0.003	59649	50.0000	41.26	80.58- 241.76	248.40
18.293	18.293	0.000	22281	50.0000	37.07	46.50- 139.50	92.79
Average of Peak Amounts =					38.3460		

Data File: 027F2701.D

Date: 20-SEP-2011 02:04

Client ID: Instrument: GC_W.i

Sample Info: IC-901329,3262-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\028F2801.D
Lab Smp Id: IC-901330
Inj Date : 20-SEP-2011 02:36
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901330,3262-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 28 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

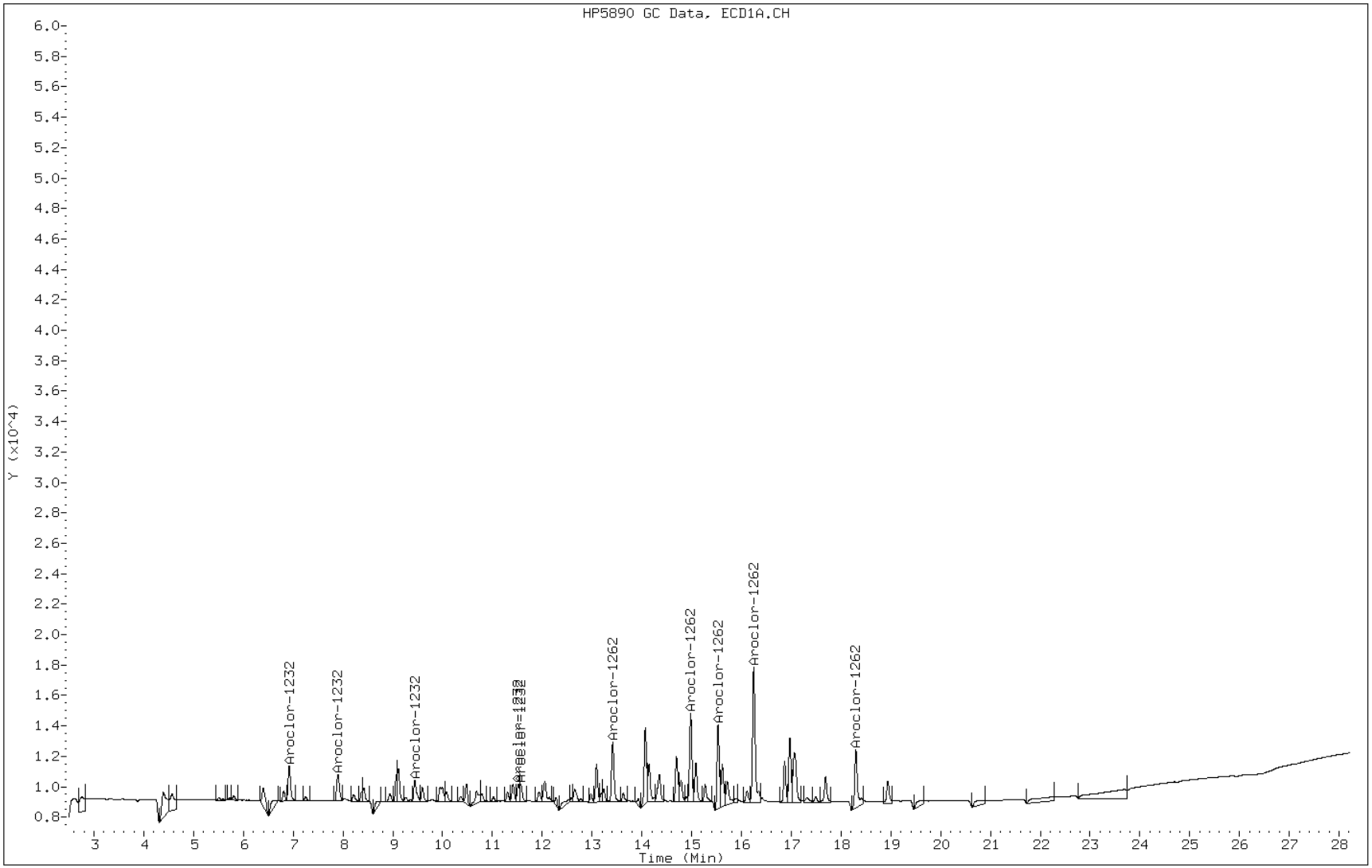
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.920	6.913	0.007	7774	25.0000	-3.7941	50.00- 150.00	100.00
7.896	7.893	0.003	6777	25.0000	-4.0296	317.01- 951.03	87.17
9.443	9.440	0.003	5430	25.0000	2.0105	689.98-2069.93	69.84
11.516	11.510	0.006	3347	25.0000	5.3794	517.87-1553.61	43.05
11.570	11.566	0.004	3824	25.0000	4.7645	268.49- 805.46	49.19
Average of Peak Amounts =					0.86614		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	13643	25.0000	-1.1949	50.00- 150.00	100.00
14.980	14.973	0.007	19167	25.0000	-1.0063	191.51- 574.53	140.49
15.530	15.523	0.007	18759	25.0000	3.2024	77.67- 233.02	137.50
16.246	16.243	0.003	33371	25.0000	2.8669	80.58- 241.76	244.60
18.296	18.293	0.003	15501	25.0000	12.03	46.50- 139.50	113.62
Average of Peak Amounts =					3.17962		

Data File: 028F2801.D

Date: 20-SEP-2011 02:36

Client ID: Instrument: GC_W.i

Sample Info: IC-901330,3262-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1232 Peak 1	7.803	7.803	7.803	7.800	7.800	7.800	7.800				7.600 - 8.000	7.801
PCB-1232 Peak 2	8.903	8.903	8.903	8.900	8.900	8.900	8.900				8.700 - 9.100	8.901
PCB-1232 Peak 3	10.063	10.063	10.063	10.060	10.060	10.060	10.060				9.860 - 10.260	10.061
PCB-1232 Peak 4	12.483	12.480	12.480	12.480	12.480	12.477	12.477				12.280 - 12.680	12.480
PCB-1232 Peak 5	12.573	12.570	12.570	12.570	12.570	12.567	12.567				12.370 - 12.770	12.570
PCB-1262 Peak 1	15.053	15.050	15.053	15.050	15.050	15.047	15.047				14.850 - 15.250	15.050
PCB-1262 Peak 2	16.067	16.067	16.067	16.063	16.063	16.063	16.063				15.863 - 16.263	16.065
PCB-1262 Peak 3	16.720	16.720	16.720	16.720	16.717	16.717	16.717				16.517 - 16.917	16.719
PCB-1262 Peak 4	17.310	17.310	17.310	17.310	17.307	17.307	17.307				17.107 - 17.507	17.309
PCB-1262 Peak 5	18.117	18.117	18.117	18.117	18.117	18.113	18.113				17.917 - 18.317	18.116

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1232 Peak 1	633.76 206.81	371.42 190.25	323.82 178.20	246.15	Lin	-85.183193	168.930083							0.9959		0.9900
PCB-1232 Peak 2	367.40 187.32	293.34 171.24	259.84 160.01	217.10	Lin	-62.300328	156.283514							0.9938		0.9900
PCB-1232 Peak 3	545.88 327.29	468.74 307.81	421.87 288.79	364.47	Lin	-45.397301	285.245719							0.9961		0.9900
PCB-1232 Peak 4	169.36 112.81	154.92 106.39	142.97 101.24	111.29	Lin	-32.580675	100.422838							0.9977		0.9900
PCB-1232 Peak 5	283.72 178.64	255.48 171.60	231.98 162.98	175.56	Lin	-32.191832	161.343341							0.9981		0.9900
PCB-1262 Peak 1	656.76 401.27	602.36 378.11	541.20 356.37	469.91	Lin	-50.270245	349.773662							0.9955		0.9900
PCB-1262 Peak 2	898.04 528.29	803.64 497.52	716.80 467.67	612.91	Lin	-51.464646	458.773690							0.9956		0.9900
PCB-1262 Peak 3	792.96 485.40	715.38 458.58	645.30 433.33	558.58	Lin	-47.274113	425.738048							0.9962		0.9900
PCB-1262 Peak 4	1450.8 887.95	1282.7 838.41	1159.6 790.04	1013.8	Lin	-46.012306	778.301954							0.9961		0.9900
PCB-1262 Peak 5	1048.5 670.08	954.80 615.55	850.85 601.27	763.35	Lin	-43.412352	586.747774							0.9967		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7183

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin	15844 142686	18571 178195	32382	61537	103403	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 2	Lin	9185 128430	14667 160012	25984	54276	93660	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 3	Lin	13647 230860	23437 288785	42187	91118	163644	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 4	Lin	4234 79790	7746 101242	14297	27822	56403	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 5	Lin	7093 128700	12774 162979	23198	43889	89318	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 1	Lin	16419 283583	30118 356373	54120	117477	200637	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 2	Lin	22451 373140	40182 467668	71680	153228	264145	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 3	Lin	19824 343933	35769 433333	64530	139646	242699	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 4	Lin	36270 628810	64133 790042	115957	253449	443977	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 5	Lin	26213 461666	47740 601272	85085	190838	335041	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\022F2201.D
Lab Smp Id: IC-901303
Inj Date : 19-SEP-2011 23:25
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901303,3262-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:47 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 22 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.800	7.800	0.000	178195	1000.00	969.7	50.00- 150.00	100.00(M)
8.900	8.900	0.000	160012	1000.00	961.6	146.93- 440.80	89.80
10.060	10.060	0.000	288785	1000.00	967.0	129.59- 388.77	162.06
12.476	12.480	-0.004	101242	1000.00	975.6	200.98- 602.93	56.82
12.566	12.570	-0.004	162979	1000.00	977.9	70.81- 212.44	91.46
Average of Peak Amounts =					970.360		
9 Aroclor-1262					CAS #:		
15.046	15.050	-0.004	356373	1000.00	968.6	50.00- 150.00	100.00(M)
16.063	16.063	0.000	467668	1000.00	967.9	56.72- 170.15	131.23
16.716	16.716	0.000	433333	1000.00	970.6	69.30- 207.91	121.60
17.306	17.306	0.000	790042	1000.00	969.1	62.45- 187.35	221.69
18.113	18.116	-0.003	601272	1000.00	981.3	110.80- 332.41	168.72
Average of Peak Amounts =					971.500		

QC Flag Legend

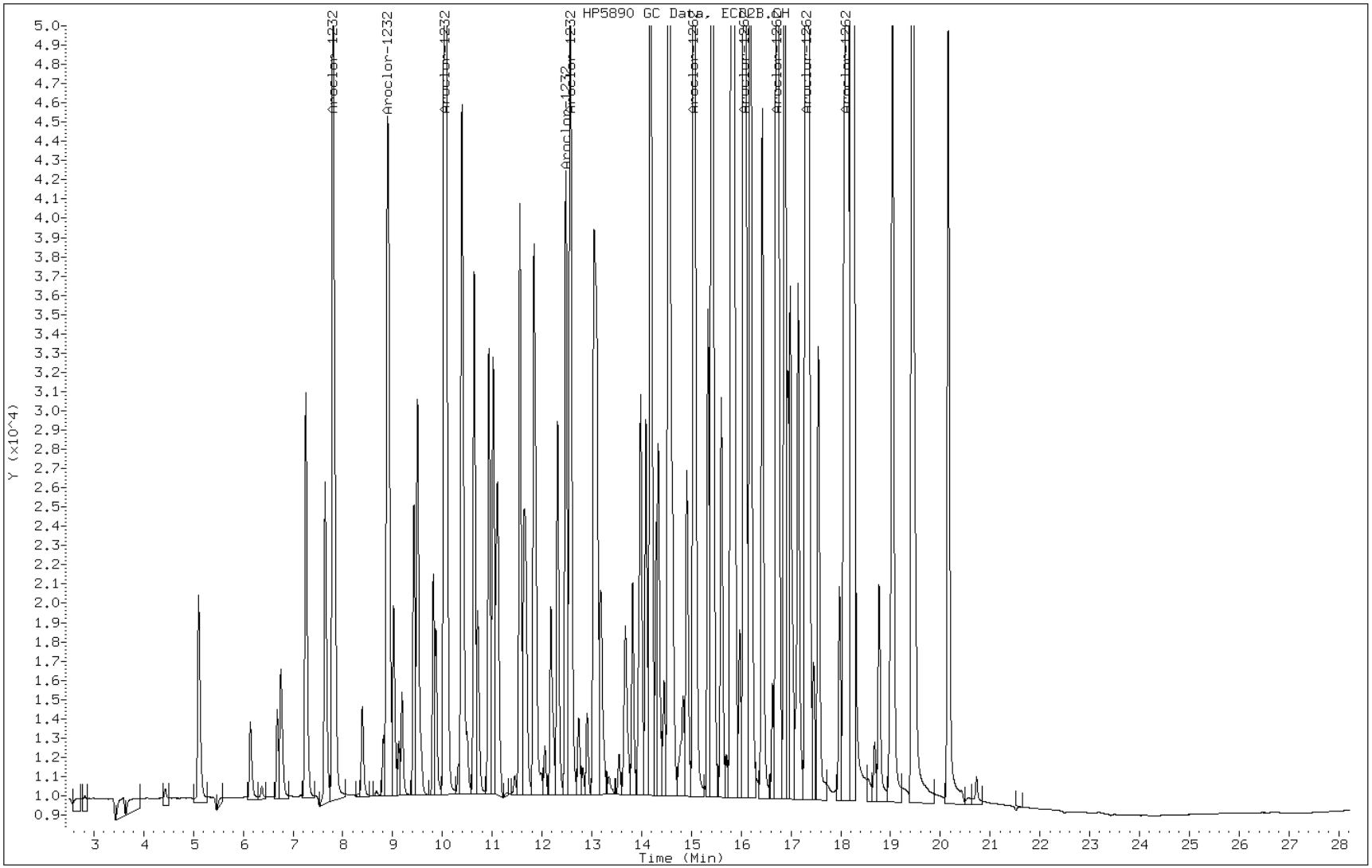
M - Compound response manually integrated.

Data File: 022F2201.D

Date: 19-SEP-2011 23:25

Client ID: Instrument: GC_W.i

Sample Info: IC-901303,3262-6 Operator: JAX



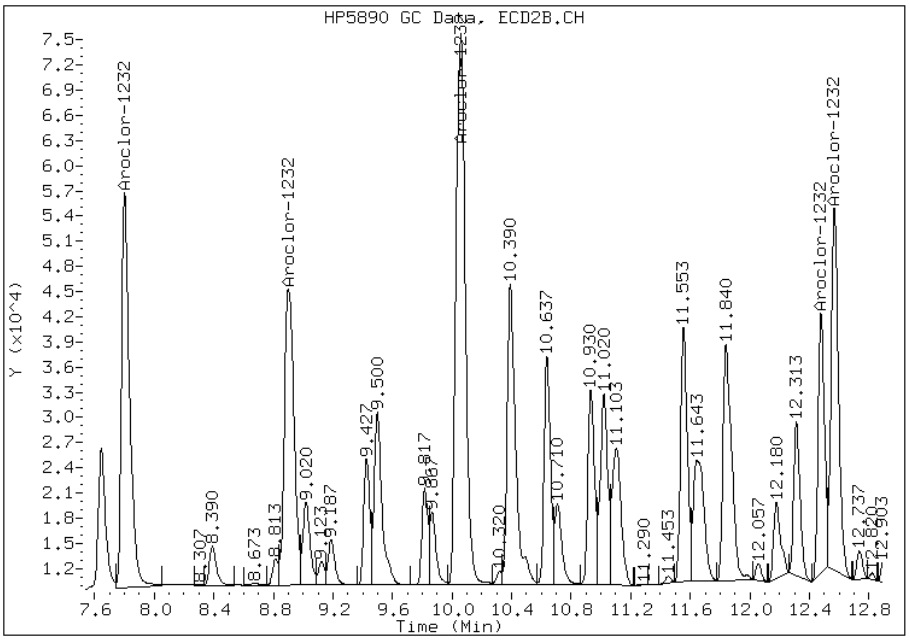
Manual Integration Report

Data File: 022F2201.D
Inj. Date and Time: 19-SEP-2011 23:25
Instrument ID: GC_W.i
Client ID:
Compound: 3 Aroclor-1232
CAS #: 11141-16-5
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.80	178195	987.02
8.90	160012	994.19
10.06	288785	990.41
12.48	92321*	965.99
12.57	148057*	969.13

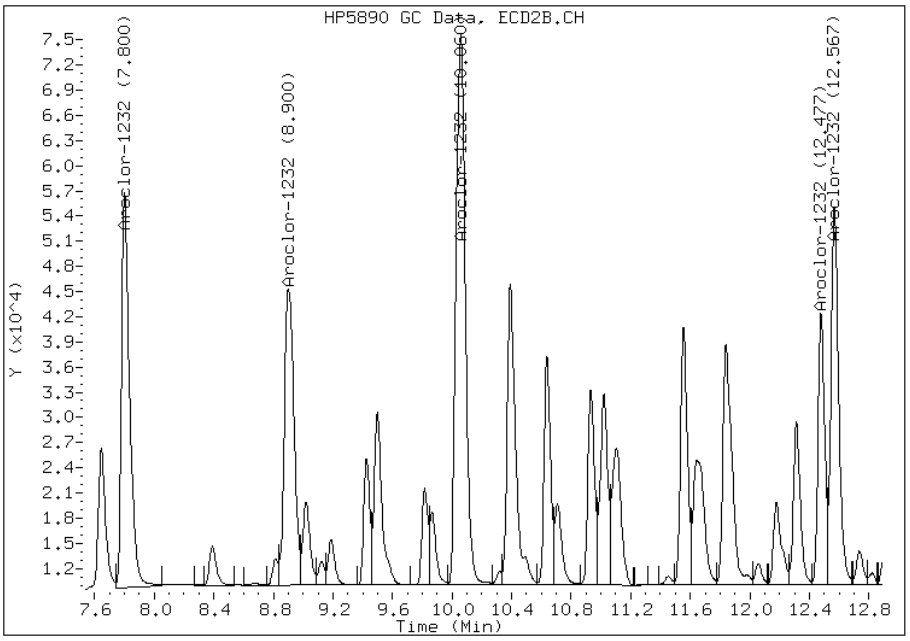
Final Conc		981.30



Manual Integration Results

RT	Response	Conc
7.80	178195	969.66
8.90	160012	961.56
10.06	288785	967.01
12.48	101242*	975.58
12.57	162979*	977.95

Final Conc		970.40



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

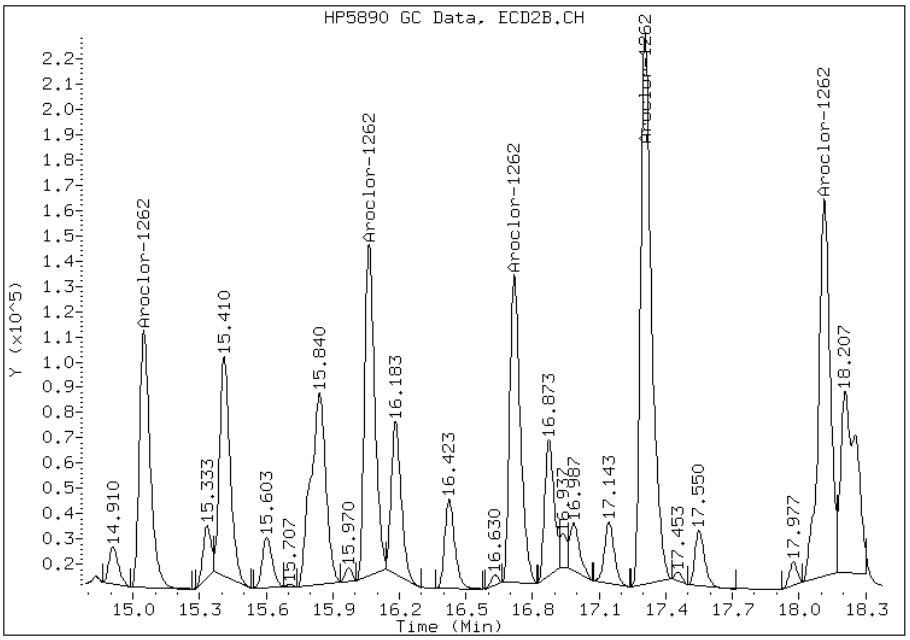
Manual Integration Report

Data File: 022F2201.D
Inj. Date and Time: 19-SEP-2011 23:25
Instrument ID: GC_W.i
Client ID:
Compound: 9 Aroclor-1262
CAS #:
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
15.05	344184*	952.09
16.06	417976*	911.52
16.72	405187*	938.01
17.31	756710*	948.61
18.11	549871*	939.28

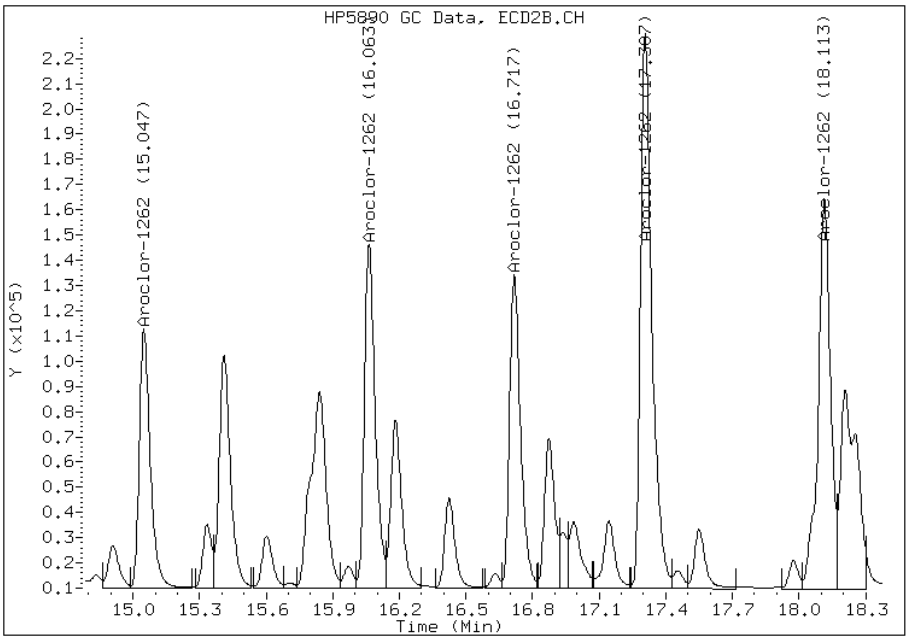
Final Conc		937.90



Manual Integration Results

RT	Response	Conc
15.05	356373*	968.60
16.06	467668*	967.92
16.72	433333*	970.57
17.31	790042*	969.07
18.11	601272*	981.34

Final Conc		971.50



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\023F2301.D
Lab Smp Id: IC-901304
Inj Date : 19-SEP-2011 23:57
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901304,3262-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 23 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

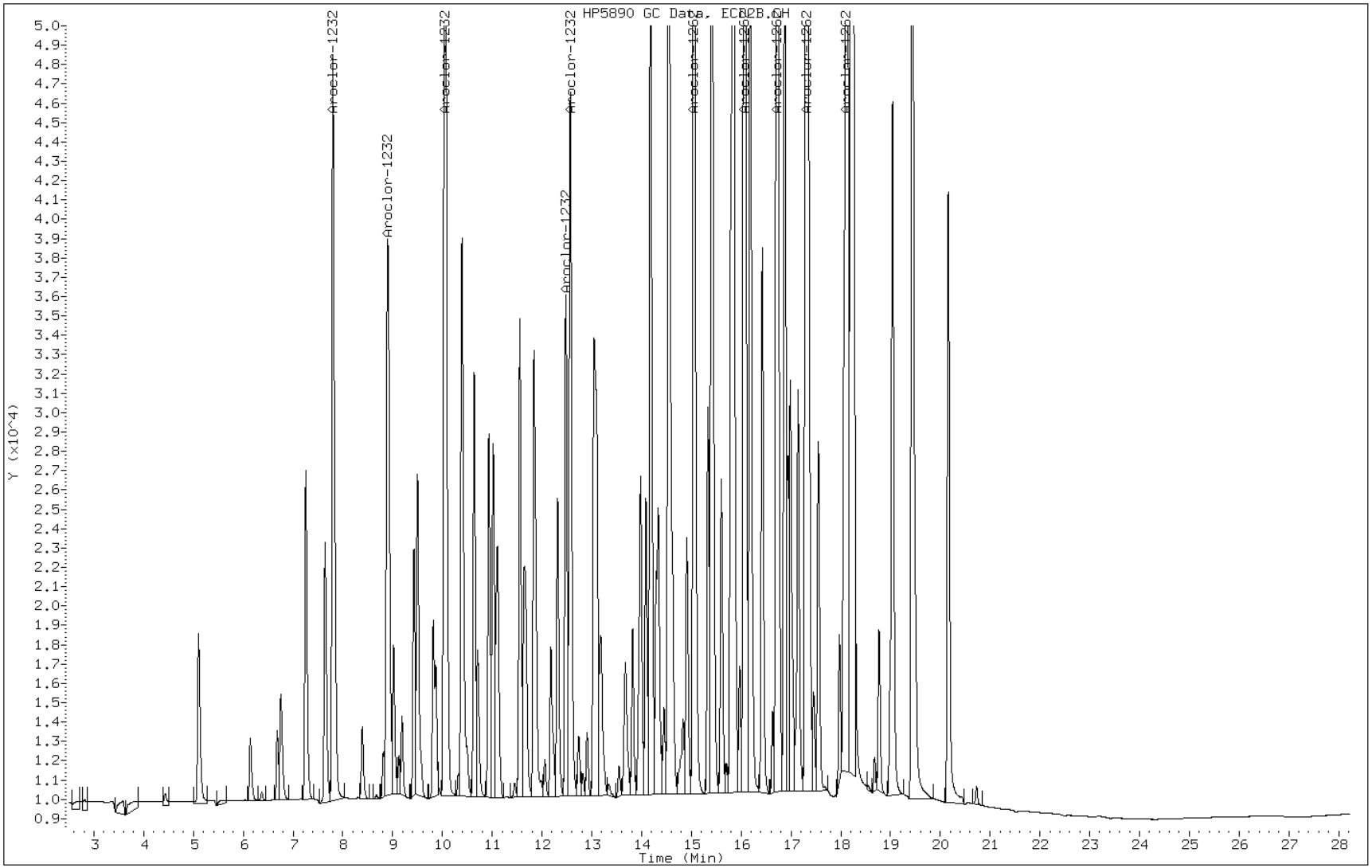
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.800	7.800	0.000	142686	750.000	759.5	50.00- 150.00	100.00
8.900	8.900	0.000	128430	750.000	759.5	146.93- 440.80	90.01
10.060	10.060	0.000	230860	750.000	763.9	129.59- 388.77	161.80
12.476	12.480	-0.004	79790	750.000	762.0	200.98- 602.93	55.92
12.566	12.570	-0.004	128700	750.000	765.5	70.81- 212.44	90.20
Average of Peak Amounts =					762.080		
9 Aroclor-1262					CAS #:		
15.046	15.050	-0.004	283583	750.000	760.5	50.00- 150.00	100.00
16.063	16.063	0.000	373140	750.000	761.9	56.72- 170.15	131.58
16.716	16.716	0.000	343933	750.000	760.6	69.30- 207.91	121.28
17.306	17.306	0.000	628810	750.000	761.9	62.45- 187.35	221.74
18.113	18.116	-0.003	461666	750.000	743.4	110.80- 332.41	162.80
Average of Peak Amounts =					757.660		

Data File: 023F2301.D

Date: 19-SEP-2011 23:57

Client ID: Instrument: GC_W.i

Sample Info: IC-901304,3262-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\024F2401.D
Lab Smp Id: IC-901326
Inj Date : 20-SEP-2011 00:29
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901326,3262-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 24 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

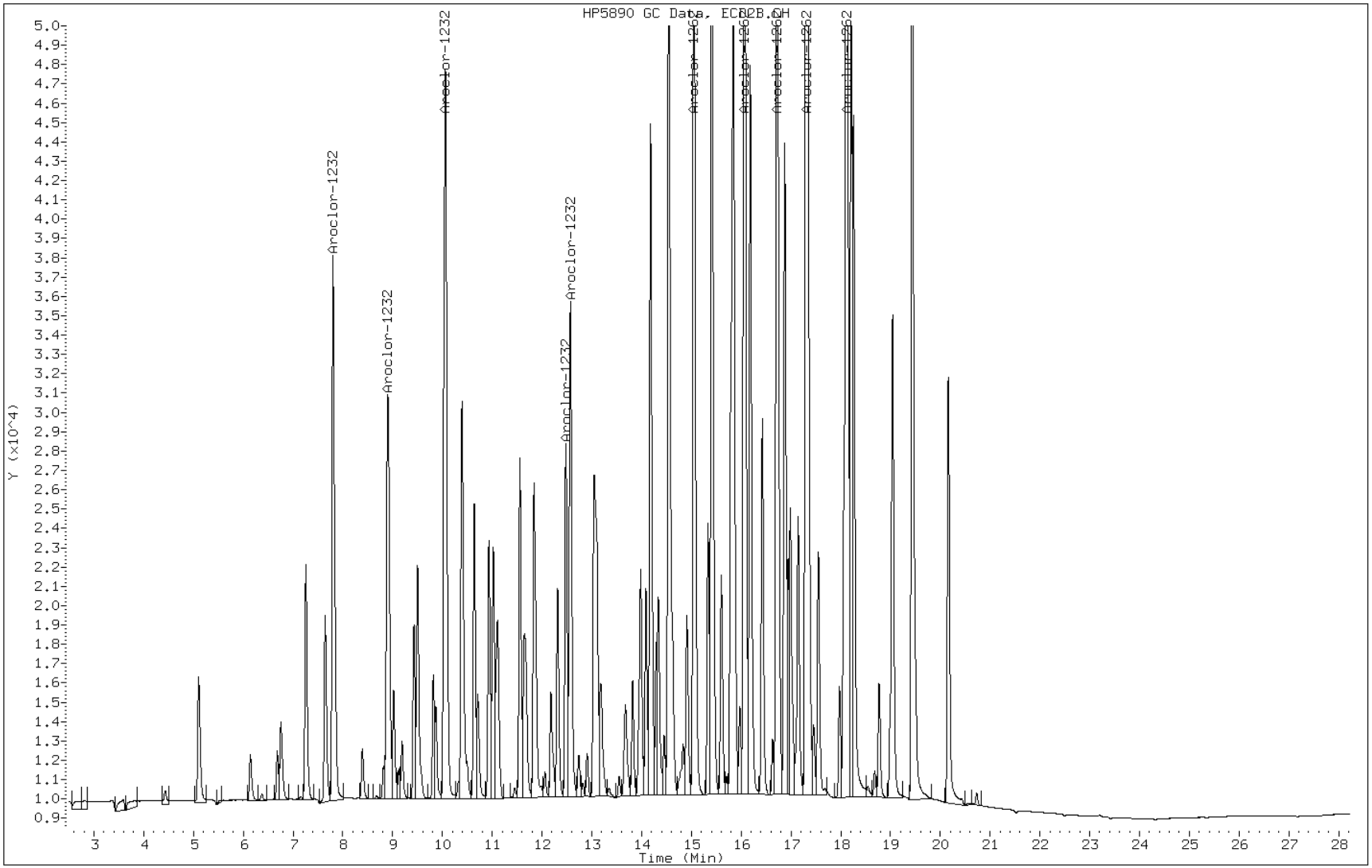
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.800	7.800	0.000	103403	500.000	526.9	50.00- 150.00	100.00
8.900	8.900	0.000	93660	500.000	537.0	146.93- 440.80	90.58
10.060	10.060	0.000	163644	500.000	528.3	129.59- 388.77	158.26
12.480	12.480	0.000	56403	500.000	529.1	200.98- 602.93	54.55
12.570	12.570	0.000	89318	500.000	521.4	70.81- 212.44	86.38
Average of Peak Amounts =					528.540		
9 Aroclor-1262					CAS #:		
15.050	15.050	0.000	200637	500.000	523.3	50.00- 150.00	100.00
16.063	16.063	0.000	264145	500.000	524.3	56.72- 170.15	131.65
16.716	16.716	0.000	242699	500.000	522.8	69.30- 207.91	120.96
17.306	17.306	0.000	443977	500.000	524.4	62.45- 187.35	221.28
18.116	18.116	0.000	335041	500.000	527.6	110.80- 332.41	166.99
Average of Peak Amounts =					524.480		

Data File: 024F2401.D

Date: 20-SEP-2011 00:29

Client ID: Instrument: GC_W.i

Sample Info: IC-901326,3262-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\025F2501.D
Lab Smp Id: IC-901327
Inj Date : 20-SEP-2011 01:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901327,3262-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:47 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 25 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.800	7.800	0.000	61537	250.000	279.1	50.00- 150.00	100.00
8.900	8.900	0.000	54276	250.000	285.0	146.93- 440.80	88.20
10.060	10.060	0.000	91118	250.000	274.0	129.59- 388.77	148.07
12.480	12.480	0.000	27822	250.000	244.5	200.98- 602.93	45.21
12.570	12.570	0.000	43889	250.000	239.8	70.81- 212.44	71.32
Average of Peak Amounts =					264.480		
9 Aroclor-1262					CAS #:		
15.050	15.050	0.000	117477	250.000	285.6	50.00- 150.00	100.00(M)
16.063	16.063	0.000	153228	250.000	282.5	56.72- 170.15	130.43
16.720	16.716	0.004	139646	250.000	280.7	69.30- 207.91	118.87
17.310	17.306	0.004	253449	250.000	279.6	62.45- 187.35	215.74
18.116	18.116	0.000	190838	250.000	281.8	110.80- 332.41	162.45
Average of Peak Amounts =					282.040		

QC Flag Legend

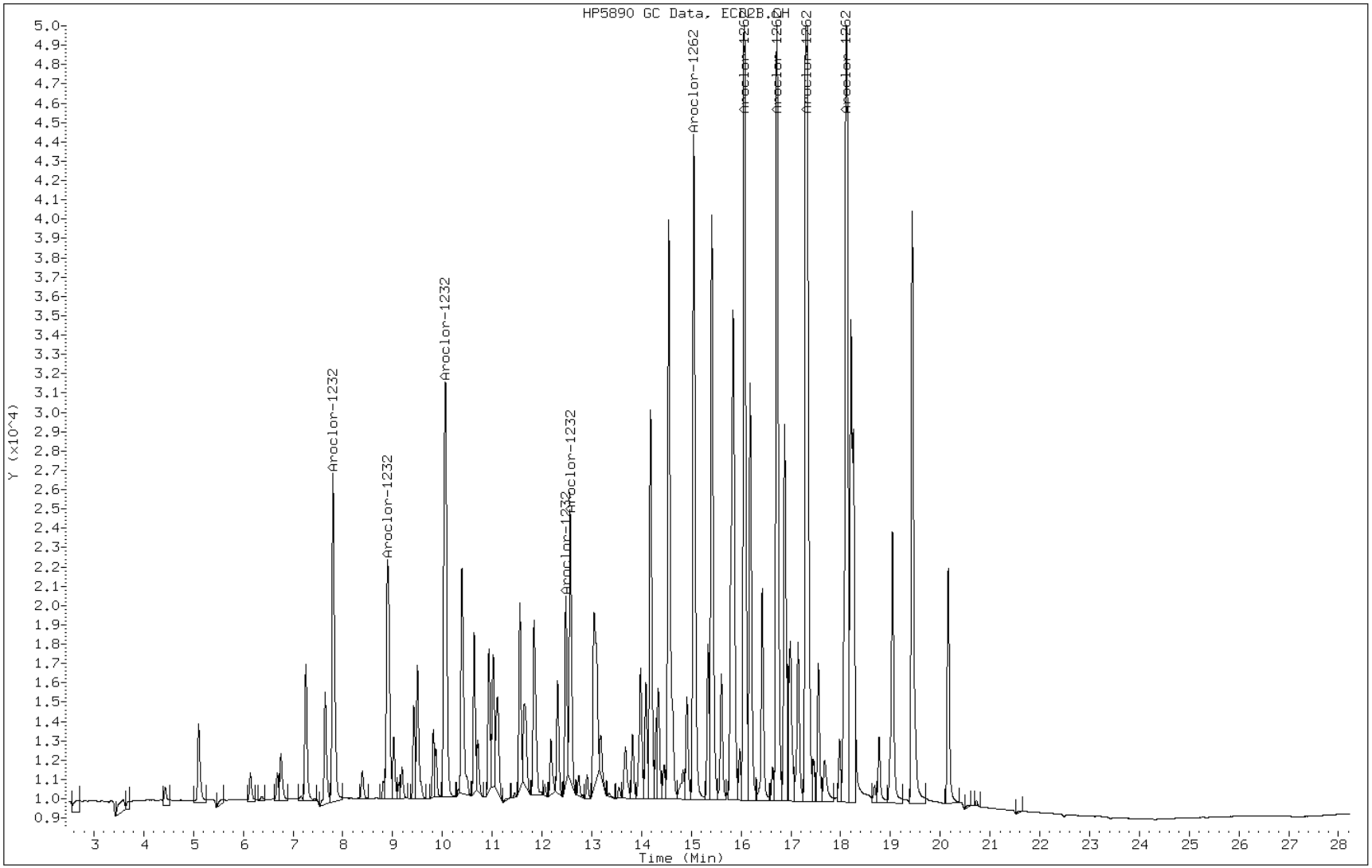
M - Compound response manually integrated.

Data File: 025F2501.D

Date: 20-SEP-2011 01:00

Client ID: Instrument: GC_W.i

Sample Info: IC-901327,3262-3 Operator: JAX



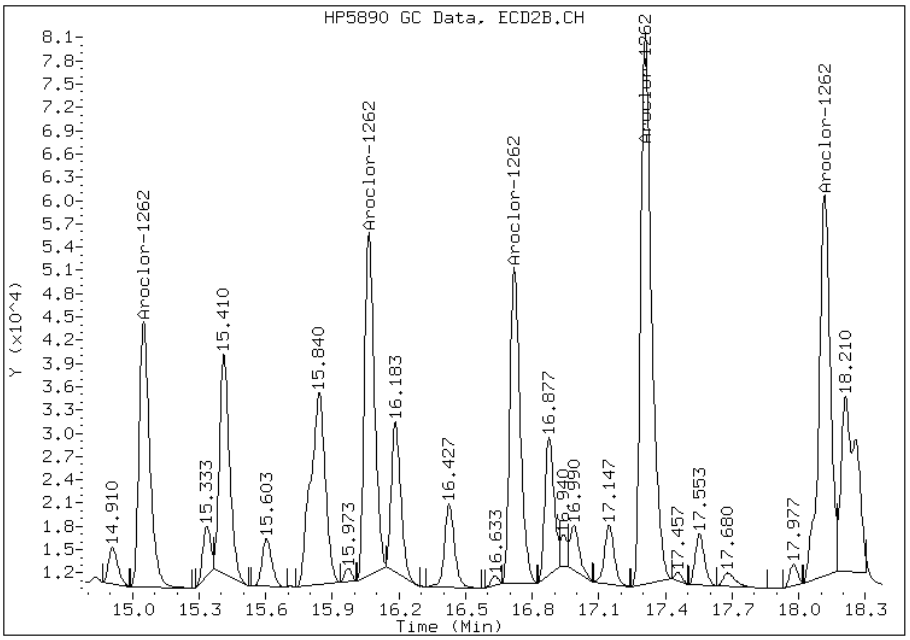
Manual Integration Report

Data File: 025F2501.D
Inj. Date and Time: 20-SEP-2011 01:00
Instrument ID: GC_W.i
Client ID:
Compound: 9 Aroclor-1262
CAS #:
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
15.05	114184*	280.36
16.06	137579*	261.58
16.72	132181*	270.82
17.31	243487*	271.97
18.12	174679*	264.61

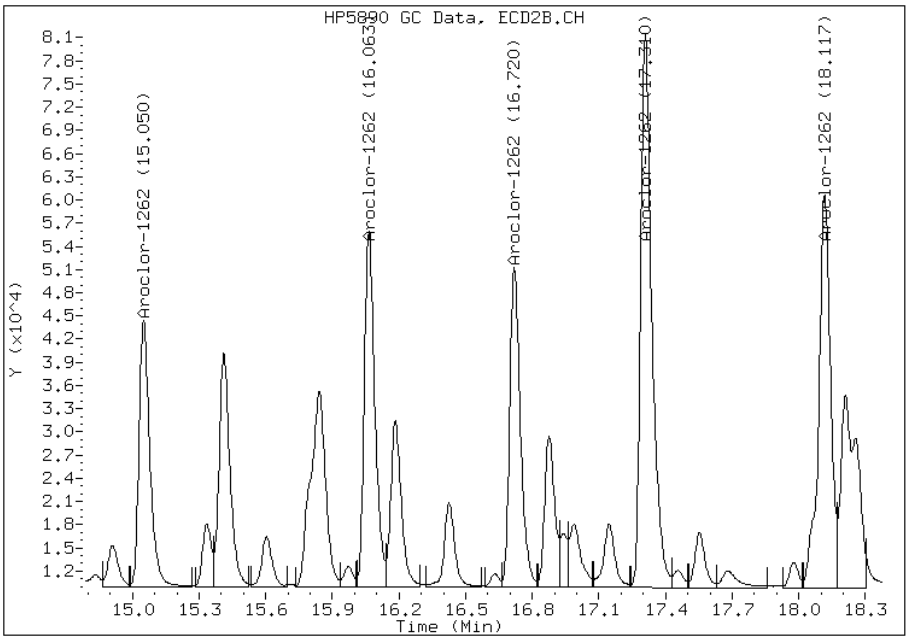
Final Conc		269.90



Manual Integration Results

RT	Response	Conc
15.05	117477*	285.60
16.06	153228*	282.53
16.72	139646*	280.74
17.31	253449*	279.63
18.12	190838*	281.83

Final Conc		282.10



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\026F2601.D
Lab Smp Id: IC-901328
Inj Date : 20-SEP-2011 01:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901328,3262-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 26 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

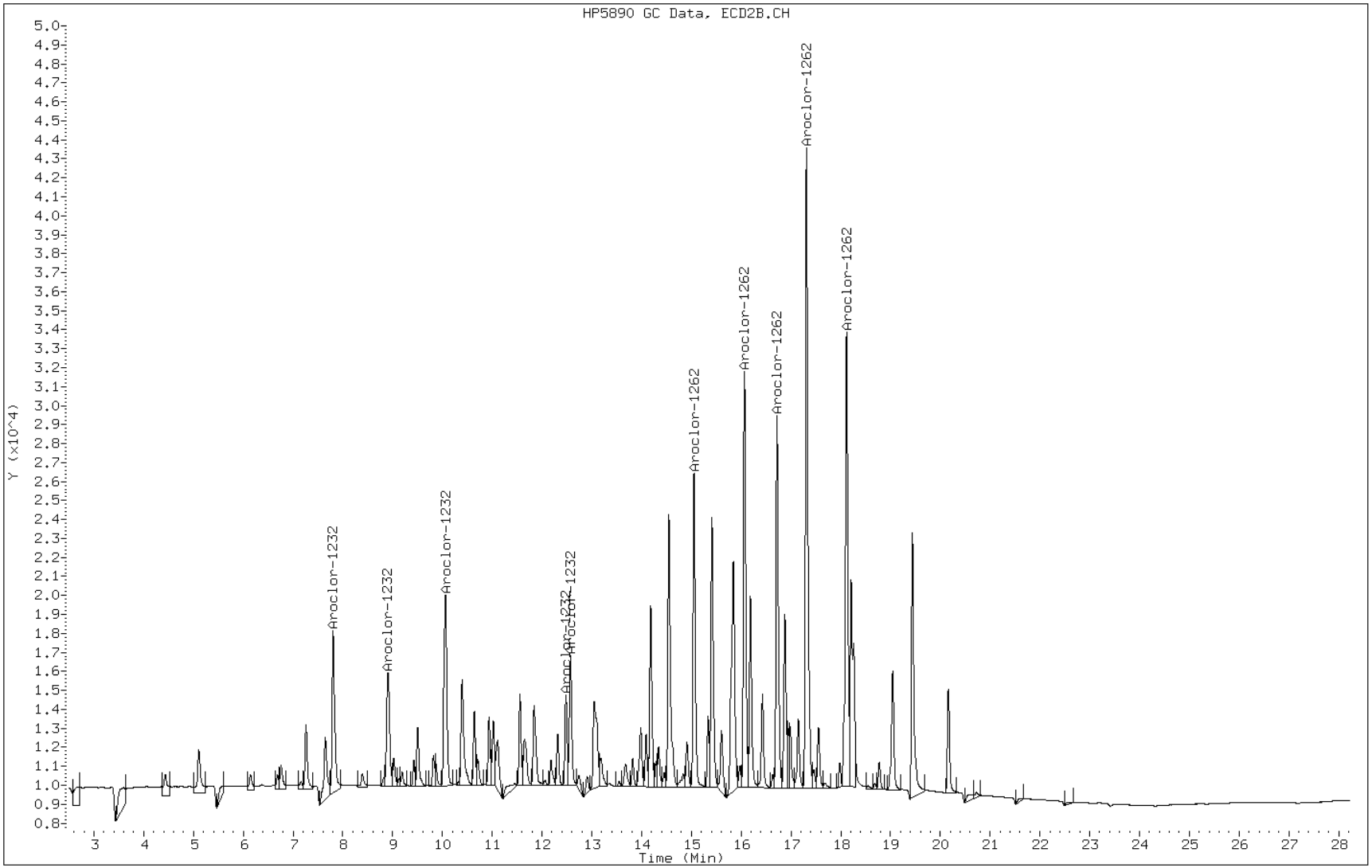
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
3 Aroclor-1232						CAS #: 11141-16-5		
7.803	7.800	0.003	32382	100.000	106.5	50.00-	150.00	100.00
8.903	8.900	0.003	25984	100.000	104.0	146.93-	440.80	80.24
10.063	10.060	0.003	42187	100.000	102.5	129.59-	388.77	130.28
12.480	12.480	0.000	14297	100.000	109.8	200.98-	602.93	44.15
12.570	12.570	0.000	23198	100.000	111.6	70.81-	212.44	71.64
Average of Peak Amounts =					106.880			
9 Aroclor-1262						CAS #:		
15.053	15.050	0.003	54120	100.000	104.4	50.00-	150.00	100.00
16.066	16.063	0.003	71680	100.000	104.8	56.72-	170.15	132.45
16.720	16.716	0.004	64530	100.000	104.3	69.30-	207.91	119.24
17.310	17.306	0.004	115957	100.000	103.0	62.45-	187.35	214.26
18.116	18.116	0.000	85085	100.000	101.6	110.80-	332.41	157.22
Average of Peak Amounts =					103.620			

Data File: 026F2601.D

Date: 20-SEP-2011 01:32

Client ID: Instrument: GC_W.i

Sample Info: IC-901328,3262-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\027F2701.D
Lab Smp Id: IC-901329
Inj Date : 20-SEP-2011 02:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901329,3262-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 27 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

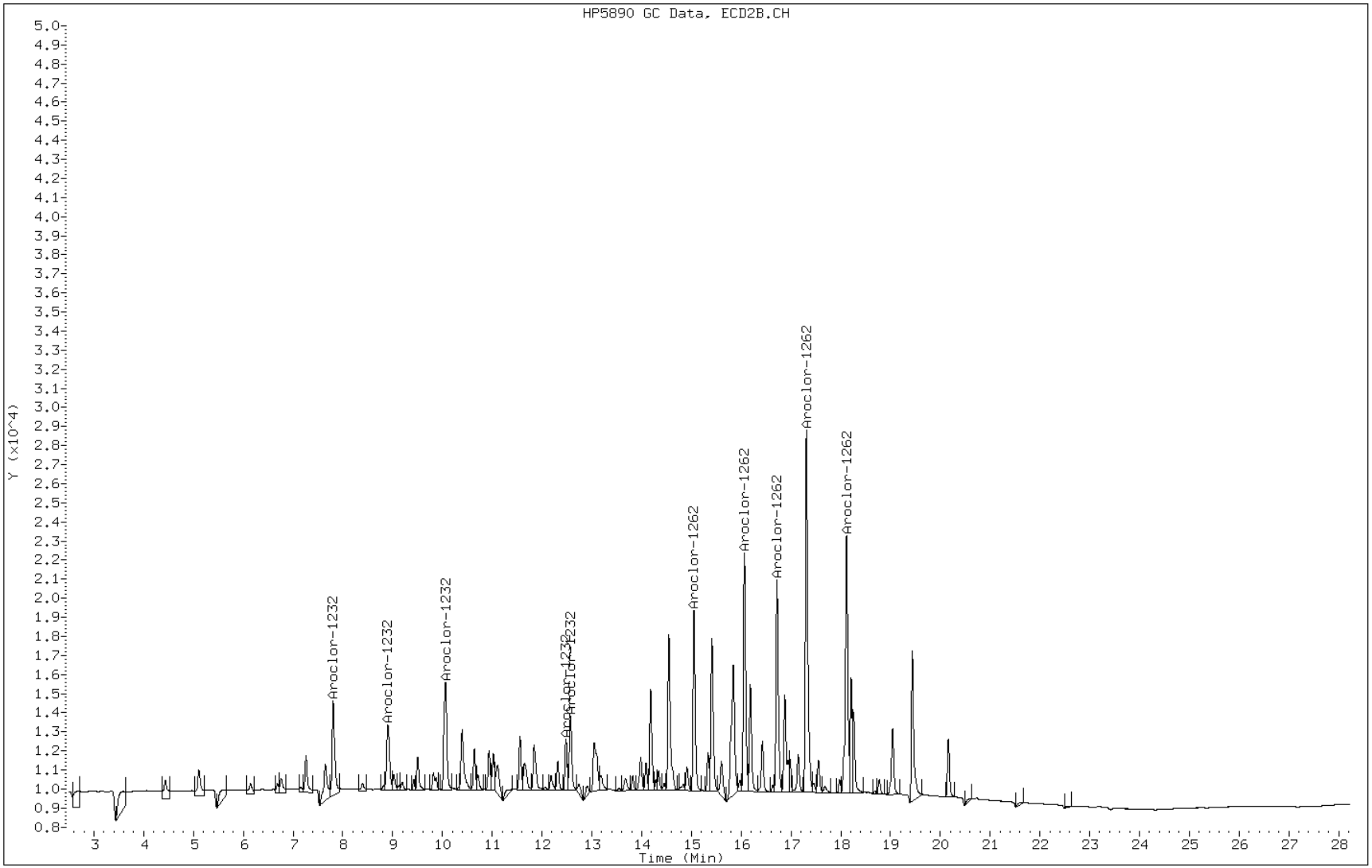
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.803	7.800	0.003	18571	50.0000	24.75	50.00- 150.00	100.00
8.903	8.900	0.003	14667	50.0000	31.55	146.93- 440.80	78.98
10.063	10.060	0.003	23437	50.0000	36.77	129.59- 388.77	126.20
12.480	12.480	0.000	7746	50.0000	44.55	200.98- 602.93	41.71
12.570	12.570	0.000	12774	50.0000	46.98	70.81- 212.44	68.78
Average of Peak Amounts =					36.9200		
9 Aroclor-1262					CAS #:		
15.050	15.050	0.000	30118	50.0000	35.84	50.00- 150.00	100.00
16.066	16.063	0.003	40182	50.0000	36.12	56.72- 170.15	133.42
16.720	16.716	0.004	35769	50.0000	36.74	69.30- 207.91	118.76
17.310	17.306	0.004	64133	50.0000	36.39	62.45- 187.35	212.94
18.116	18.116	0.000	47740	50.0000	37.95	110.80- 332.41	158.51
Average of Peak Amounts =					36.6080		

Data File: 027F2701.D

Date: 20-SEP-2011 02:04

Client ID: Instrument: GC_W.i

Sample Info: IC-901329,3262-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\028F2801.D
Lab Smp Id: IC-901330
Inj Date : 20-SEP-2011 02:36
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901330,3262-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 28 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

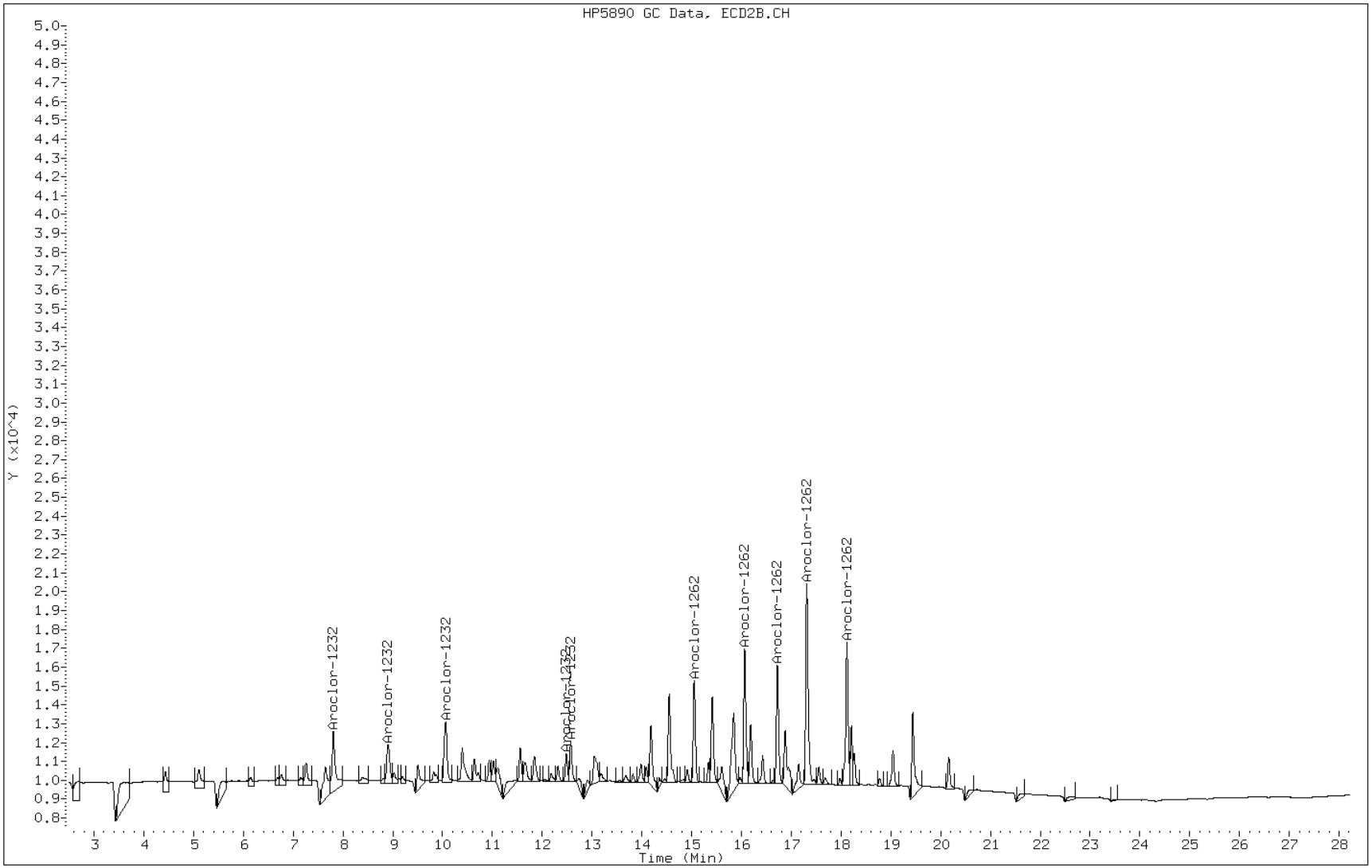
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.803	7.800	0.003	15844	25.0000	8.6071	50.00- 150.00	100.00
8.903	8.900	0.003	9185	25.0000	-3.5289	146.93- 440.80	57.97
10.063	10.060	0.003	13647	25.0000	2.4457	129.59- 388.77	86.13
12.483	12.480	0.003	4234	25.0000	9.5810	200.98- 602.93	26.72
12.573	12.570	0.003	7093	25.0000	11.77	70.81- 212.44	44.77
Average of Peak Amounts =					5.77498		
9 Aroclor-1262					CAS #:		
15.053	15.050	0.003	16419	25.0000	-3.3284	50.00- 150.00	100.00
16.066	16.063	0.003	22451	25.0000	-2.5277	56.72- 170.15	136.74
16.720	16.716	0.004	19824	25.0000	-0.71027	69.30- 207.91	120.74
17.310	17.306	0.004	36270	25.0000	0.58914	62.45- 187.35	220.90
18.116	18.116	0.000	26213	25.0000	1.2627	110.80- 332.41	159.65
Average of Peak Amounts =					-0.9429		

Data File: 028F2801.D

Date: 20-SEP-2011 02:36

Client ID: Instrument: GC_W.i

Sample Info: IC-901330,3262-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1242 Peak 1	7.893	7.893	7.893	7.897	7.893	7.893	7.893				7.693 - 8.093	7.894
PCB-1242 Peak 2	9.440	9.440	9.440	9.440	9.437	9.440	9.440				9.237 - 9.637	9.440
PCB-1242 Peak 3	10.473	10.477	10.477	10.477	10.473	10.477	10.477				10.273 - 10.673	10.476
PCB-1242 Peak 4	11.513	11.513	11.513	11.513	11.510	11.513	11.513				11.310 - 11.710	11.513
PCB-1242 Peak 5	11.567	11.567	11.567	11.567	11.567	11.567	11.567				11.367 - 11.767	11.567
PCB-1268 Peak 1	14.977	14.977	14.977	14.977	14.977	14.977	14.977				14.777 - 15.177	14.977
PCB-1268 Peak 2	15.520	15.520	15.520	15.520	15.520	15.520	15.520				15.320 - 15.720	15.520
PCB-1268 Peak 3	16.967	16.967	16.967	16.967	16.967	16.967	16.967				16.767 - 17.167	16.967
PCB-1268 Peak 4	17.053	17.050	17.050	17.050	17.050	17.050	17.050				16.850 - 17.250	17.051
PCB-1268 Peak 5	17.487	17.487	17.487	17.487	17.483	17.487	17.487				17.283 - 17.683	17.486

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1242 Peak 1	474.44 267.21	417.82 242.35	373.31 227.42	316.26	Lin	-62.715624	222.198111							0.9925		0.9900
PCB-1242 Peak 2	366.88 242.81	335.10 225.65	306.36 213.51	281.87	Lin	-45.343566	210.925329							0.9948		0.9900
PCB-1242 Peak 3	357.12 265.55	354.14 257.69	323.01 241.14	312.20	Lin	-36.286388	240.412041							0.9955		0.9900
PCB-1242 Peak 4	278.08 187.47	251.02 181.79	233.41 165.23	218.06	Lin	-41.630495	166.081366							0.9933		0.9900
PCB-1242 Peak 5	321.88 230.24	288.42 213.85	271.00 197.25	256.47	Lin	-39.957154	198.477336							0.9930		0.9900
PCB-1268 Peak 1	398.48 237.58	329.00 227.50	310.05 218.86	276.28	Lin	-41.009038	214.297584							0.9975		0.9900
PCB-1268 Peak 2	587.36 311.54	483.84 298.30	429.15 286.74	372.84	Lin	-50.030656	278.073166							0.9972		0.9900
PCB-1268 Peak 3	1474.0 867.88	1277.9 795.48	1143.5 772.24	1028.4	Lin	-50.735147	750.785599							0.9954		0.9900
PCB-1268 Peak 4	1486.3 933.41	1310.5 868.57	1201.1 820.87	1079.8	Lin	-47.154653	809.215037							0.9950		0.9900
PCB-1268 Peak 5	1122.9 701.85	984.12 649.92	894.94 622.55	811.20	Lin	-45.765296	611.107109							0.9957		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin	11861 181759	20891 227415	37331	79066	133604	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 2	Lin	9172 169234	16755 213506	30636	70467	121404	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 3	Lin	8928 193271	17707 241137	32301	78051	132773	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 4	Lin	6952 136344	12551 165229	23341	54516	93733	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 5	Lin	8047 160388	14421 197249	27100	64118	115118	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 1	Lin	9962 170623	16450 218861	31005	69070	118792	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 2	Lin	14684 223725	24192 286736	42915	93210	155769	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 3	Lin	36851 596607	63896 772239	114348	257111	433938	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 4	Lin	37158 651427	65527 820871	120107	269962	466706	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 5	Lin	28073 487442	49206 622545	89494	202801	350923	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\029F2901.D
Lab Smp Id: IC-901232
Inj Date : 20-SEP-2011 03:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901232,4268-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:07 Cal File: 029F2901.D
Als bottle: 29 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

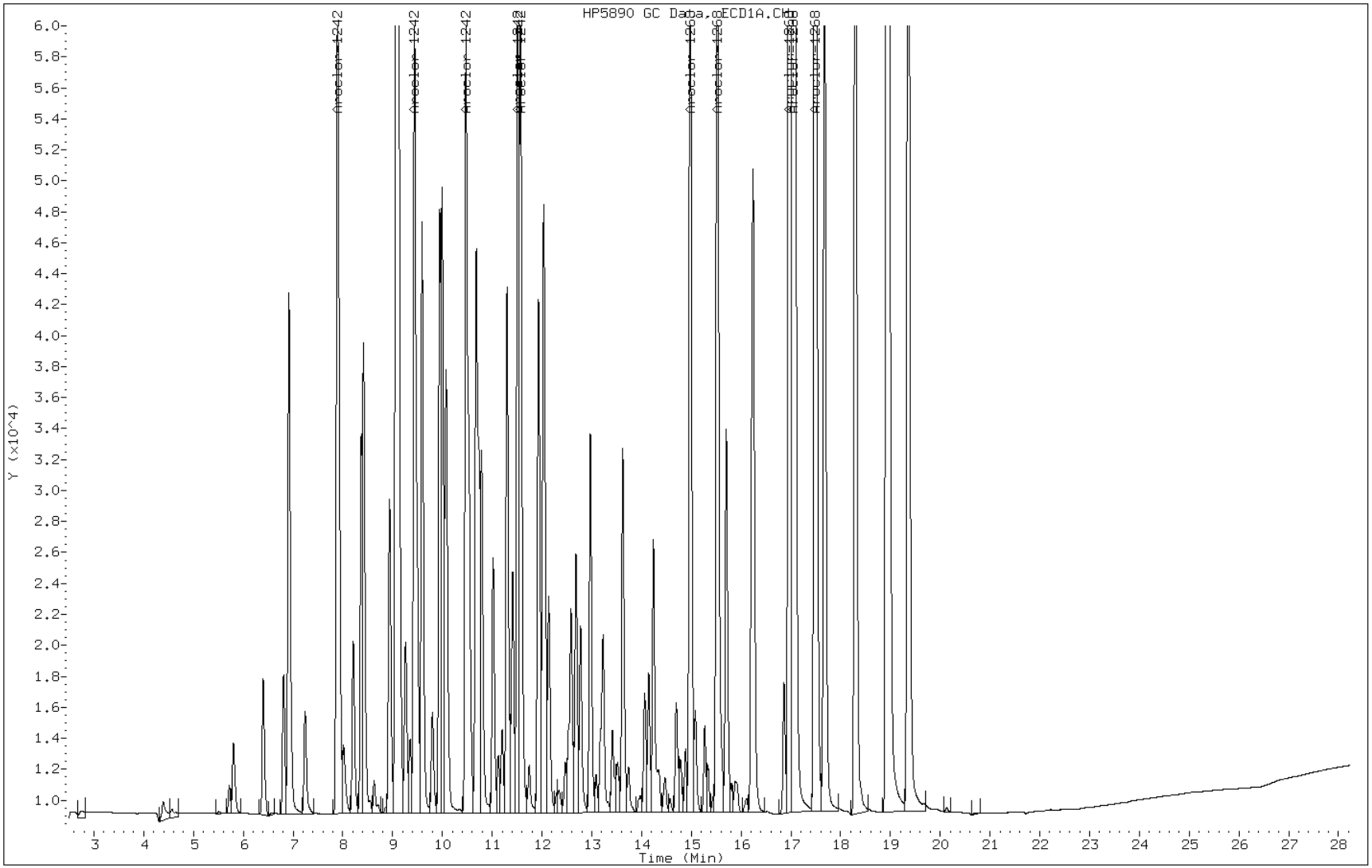
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	227415	1000.00	1004	50.00- 150.00	100.00
9.440	9.436	0.004	213506	1000.00	1014	108.83- 326.48	93.88
10.476	10.473	0.003	241137	1000.00	1003	83.74- 251.22	106.03
11.513	11.510	0.003	165229	1000.00	992.6	35.48- 106.46	72.66
11.566	11.566	0.000	197249	1000.00	990.0	3.33- 9.98	86.74
Average of Peak Amounts =					1000.72		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	218861	1000.00	1005	50.00- 150.00	100.00
15.520	15.520	0.000	286736	1000.00	1021	50.00- 150.00	131.01
16.966	16.966	0.000	772239	1000.00	998.6	31.30- 93.90	352.84
17.050	17.050	0.000	820871	1000.00	993.9	2.81- 8.43	375.06
17.486	17.483	0.003	622545	1000.00	995.1	24.39- 73.17	284.45
Average of Peak Amounts =					1002.72		

Data File: 029F2901.D

Date: 20-SEP-2011 03:07

Client ID: Instrument: GC_W.i

Sample Info: IC-901232,4268-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\030F3001.D
Lab Smp Id: IC-901404
Inj Date : 20-SEP-2011 03:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901404,4268-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:39 Cal File: 030F3001.D
Als bottle: 30 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	181759	750.000	769.0	50.00- 150.00	100.00
9.440	9.436	0.004	169234	750.000	772.2	108.83- 326.48	93.11
10.476	10.473	0.003	193271	750.000	776.5	83.74- 251.22	106.33
11.513	11.510	0.003	136344	750.000	786.6	35.48- 106.46	75.01
11.566	11.566	0.000	160388	750.000	782.6	3.33- 9.98	88.24
Average of Peak Amounts =					777.380		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	170623	750.000	759.0	50.00- 150.00	100.00
15.520	15.520	0.000	223725	750.000	764.3	50.00- 150.00	131.12
16.966	16.966	0.000	596607	750.000	752.1	31.30- 93.90	349.66
17.050	17.050	0.000	651427	750.000	766.0	2.81- 8.43	381.79
17.486	17.483	0.003	487442	750.000	759.5	24.39- 73.17	285.68
Average of Peak Amounts =					760.180		

Data File: 030F3001.D

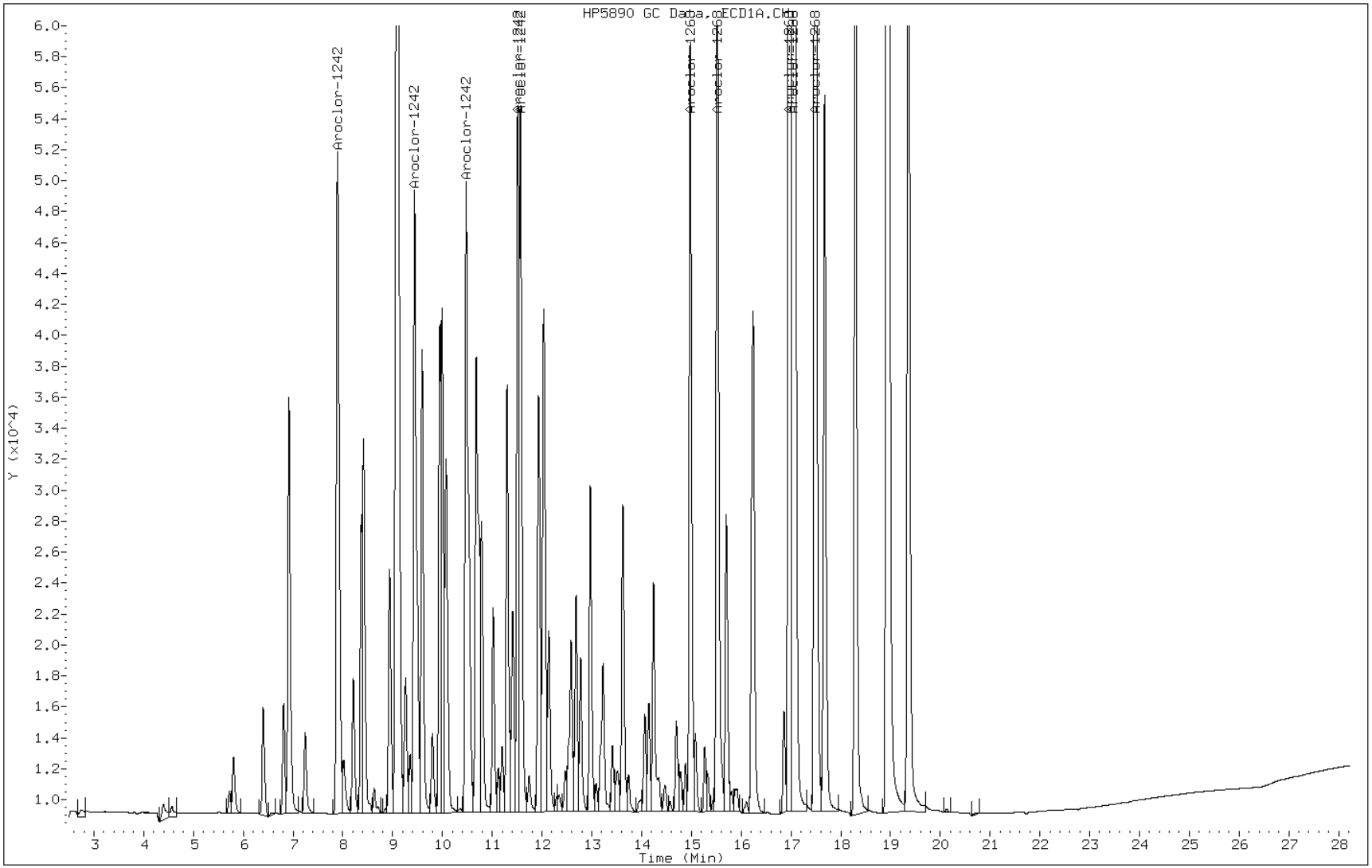
Date: 20-SEP-2011 03:39

Client ID:

Instrument: GC_W.i

Sample Info: IC-901404,4268-5

Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\031F3101.D
Lab Smp Id: IC-901422
Inj Date : 20-SEP-2011 04:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901422,4268-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 31 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

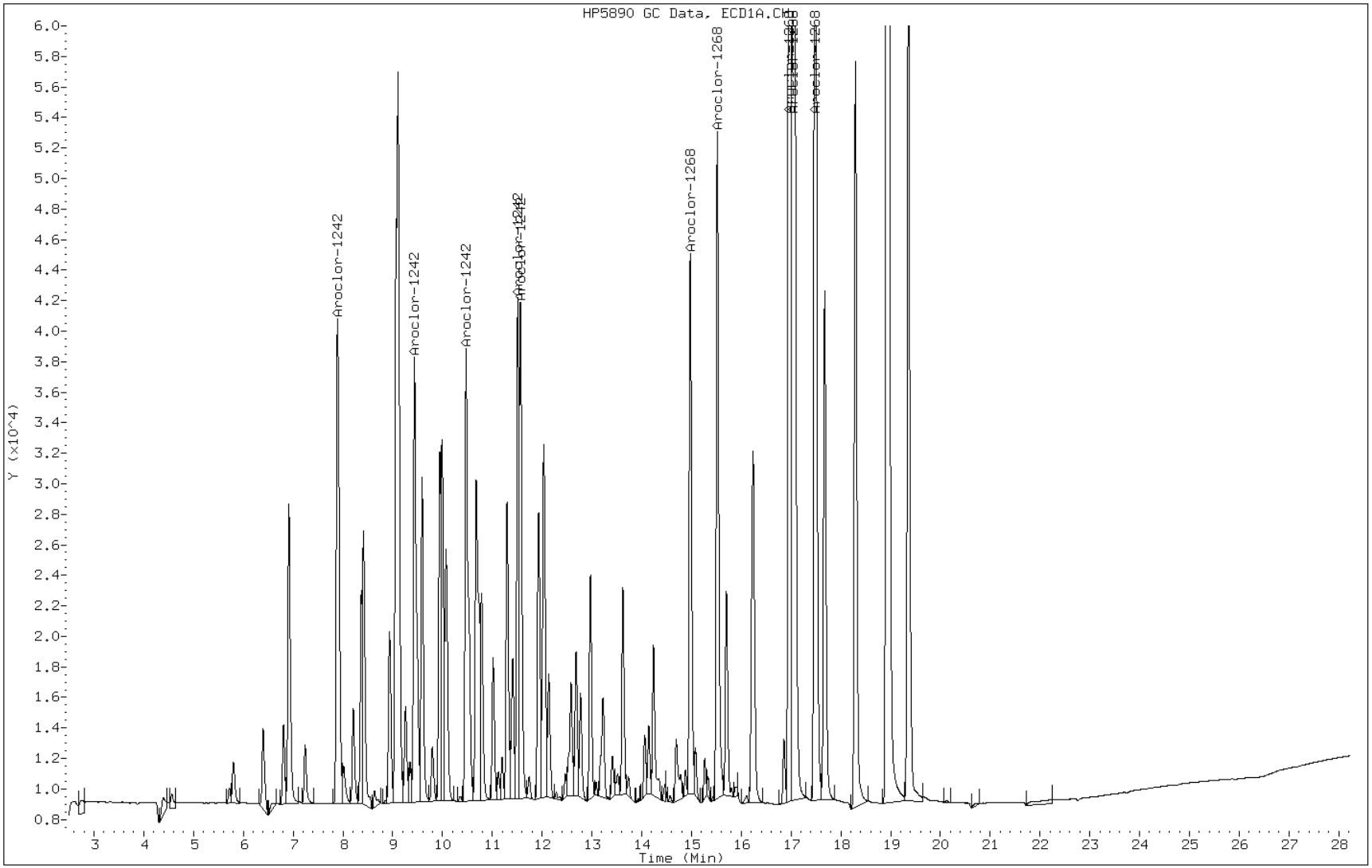
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	133604	500.000	538.6	50.00- 150.00	100.00
9.436	9.436	0.000	121404	500.000	530.2	108.83- 326.48	90.87
10.473	10.473	0.000	132773	500.000	516.0	83.74- 251.22	99.38
11.510	11.510	0.000	93733	500.000	522.7	35.48- 106.46	70.16
11.566	11.566	0.000	115118	500.000	540.0	3.33- 9.98	86.16
		Average of Peak Amounts =			529.500		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	118792	500.000	513.3	50.00- 150.00	100.00
15.520	15.520	0.000	155769	500.000	510.1	50.00- 150.00	131.13
16.966	16.966	0.000	433938	500.000	527.2	31.30- 93.90	365.29
17.050	17.050	0.000	466706	500.000	529.6	2.81- 8.43	392.88
17.483	17.483	0.000	350923	500.000	528.5	24.39- 73.17	295.41
		Average of Peak Amounts =			521.740		

Data File: 031F3101.D

Date: 20-SEP-2011 04:11

Client ID: Instrument: GC_W.i

Sample Info: IC-901422,4268-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\032F3201.D
Lab Smp Id: IC-901423
Inj Date : 20-SEP-2011 04:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901423,4268-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:42 Cal File: 032F3201.D
Als bottle: 32 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.896	7.893	0.003	79066	250.000	297.2	50.00- 150.00	100.00
9.440	9.436	0.004	70467	250.000	293.6	108.83- 326.48	89.12
10.476	10.473	0.003	78051	250.000	291.5	83.74- 251.22	98.72
11.513	11.510	0.003	54516	250.000	289.3	35.48- 106.46	68.95
11.566	11.566	0.000	64118	250.000	287.3	3.33- 9.98	81.09
Average of Peak Amounts =					291.780		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	69070	250.000	281.9	50.00- 150.00	100.00
15.520	15.520	0.000	93210	250.000	289.3	50.00- 150.00	134.95
16.966	16.966	0.000	257111	250.000	294.6	31.30- 93.90	372.25
17.050	17.050	0.000	269962	250.000	290.0	2.81- 8.43	390.85
17.486	17.483	0.003	202801	250.000	289.0	24.39- 73.17	293.62
Average of Peak Amounts =					288.960		

Data File: 032F3201.D

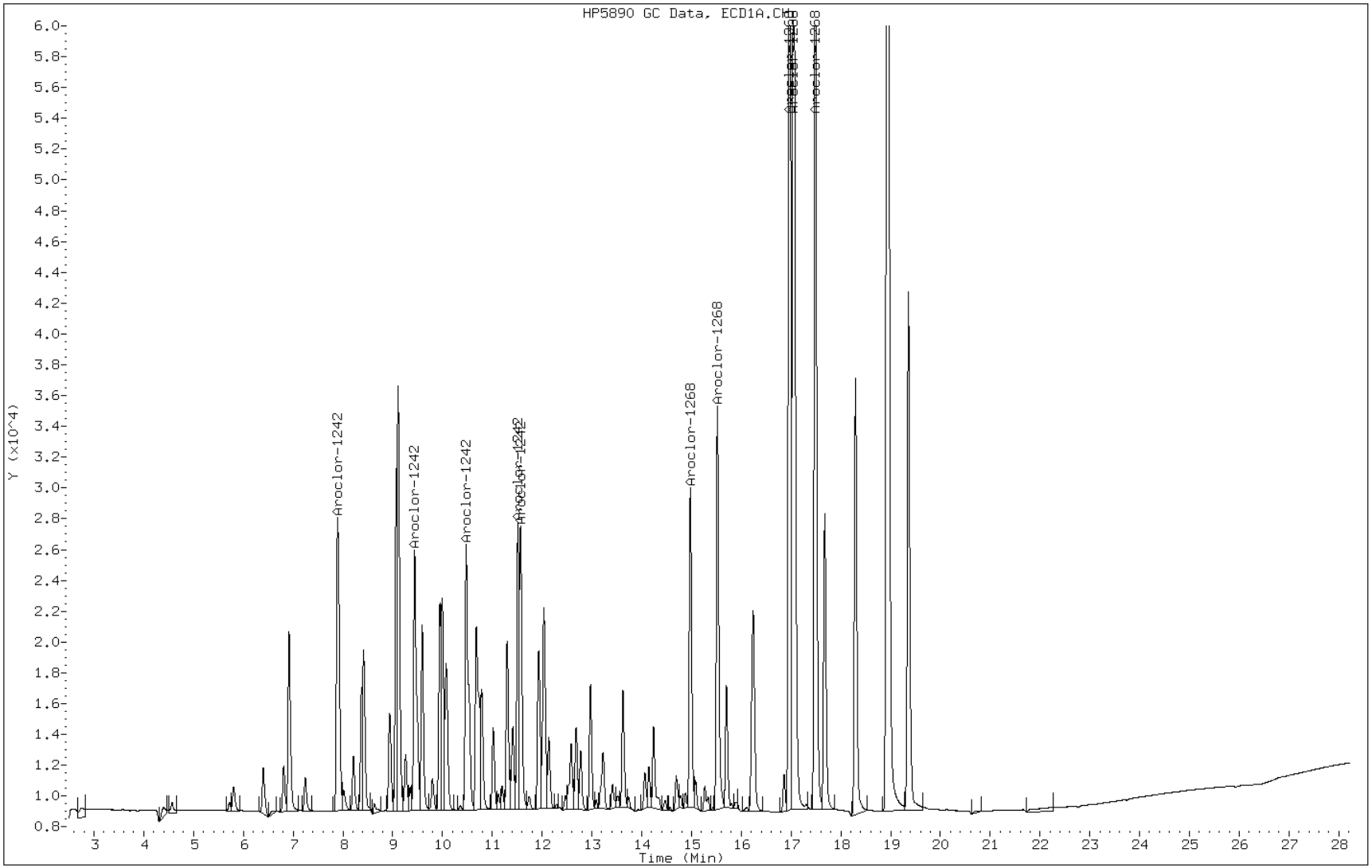
Date: 20-SEP-2011 04:42

Client ID:

Instrument: GC_W.i

Sample Info: IC-901423,4268-3

Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\033F3301.D
Lab Smp Id: IC-901429
Inj Date : 20-SEP-2011 05:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901429,4268-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:14 Cal File: 033F3301.D
Als bottle: 33 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

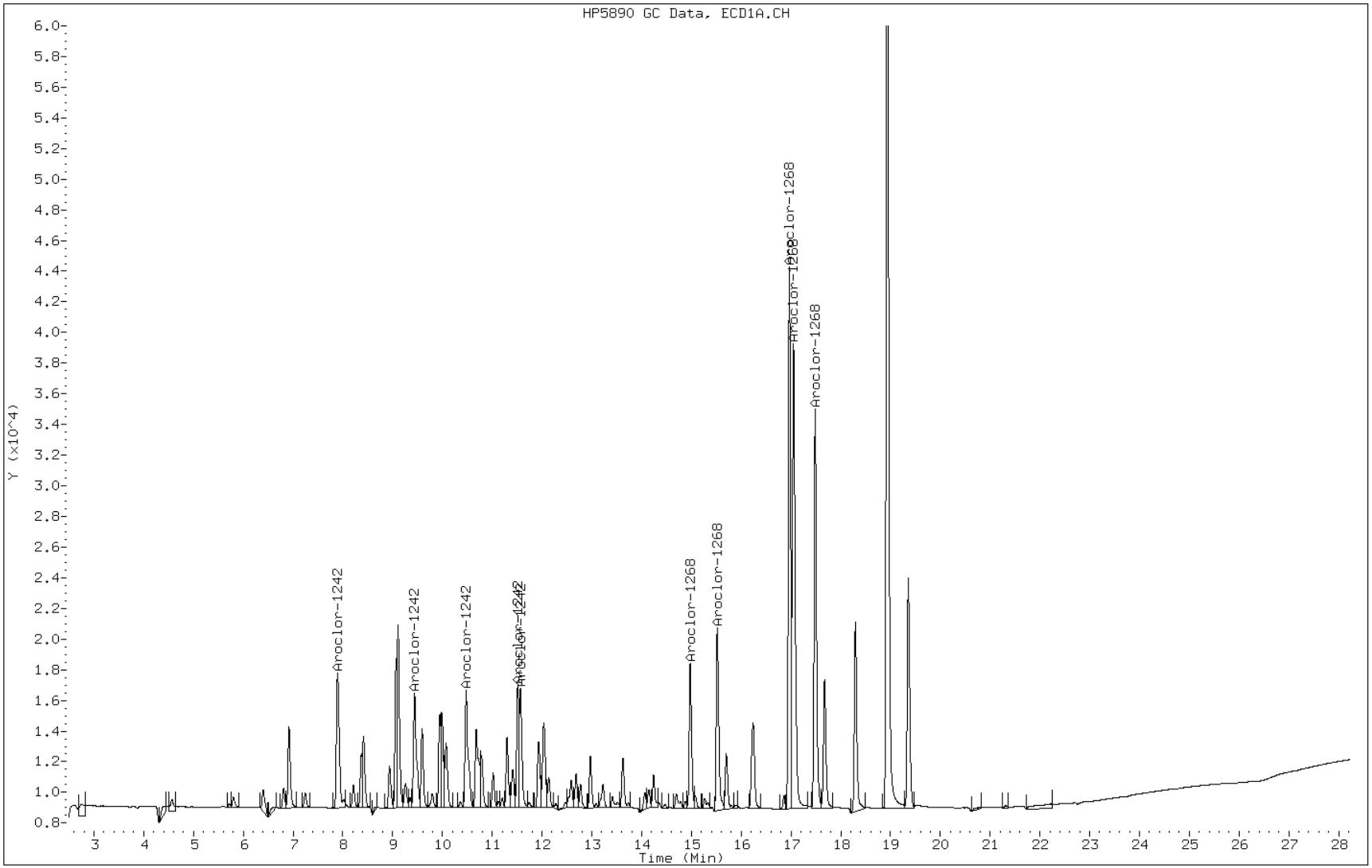
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	37331	100.000	108.2	50.00- 150.00	100.00
9.440	9.436	0.004	30636	100.000	103.2	108.83- 326.48	82.07
10.476	10.473	0.003	32301	100.000	99.77	83.74- 251.22	86.53
11.513	11.510	0.003	23341	100.000	100.8	35.48- 106.46	62.53
11.566	11.566	0.000	27100	100.000	99.15	3.33- 9.98	72.59
		Average of Peak Amounts =			102.224		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	31005	100.000	104.1	50.00- 150.00	100.00
15.520	15.520	0.000	42915	100.000	107.4	50.00- 150.00	138.41
16.966	16.966	0.000	114348	100.000	103.7	31.30- 93.90	368.80
17.050	17.050	0.000	120107	100.000	103.7	2.81- 8.43	387.37
17.486	17.483	0.003	89494	100.000	102.7	24.39- 73.17	288.64
		Average of Peak Amounts =			104.320		

Data File: 033F3301.D

Date: 20-SEP-2011 05:14

Client ID: Instrument: GC_W.i

Sample Info: IC-901429,4268-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\034F3401.D
Lab Smp Id: IC-901430
Inj Date : 20-SEP-2011 05:46
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901430,4268-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:46 Cal File: 034F3401.D
Als bottle: 34 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

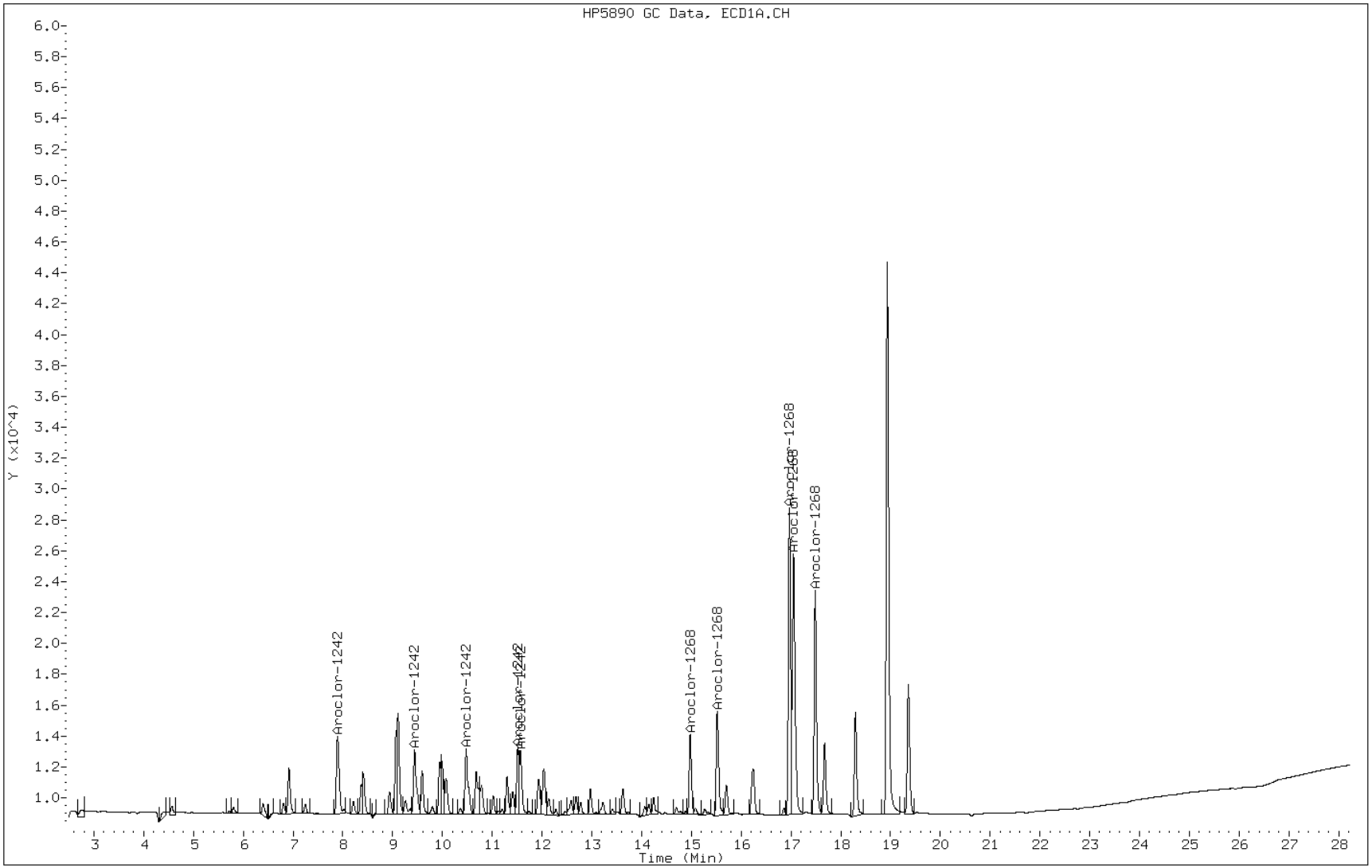
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	20891	50.0000	32.74	50.00- 150.00	100.00
9.440	9.436	0.004	16755	50.0000	35.56	108.83- 326.48	80.20
10.476	10.473	0.003	17707	50.0000	37.83	83.74- 251.22	84.76
11.513	11.510	0.003	12551	50.0000	34.71	35.48- 106.46	60.08
11.566	11.566	0.000	14421	50.0000	34.18	3.33- 9.98	69.03
Average of Peak Amounts =					35.0040		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	16450	50.0000	36.53	50.00- 150.00	100.00
15.520	15.520	0.000	24192	50.0000	38.63	50.00- 150.00	147.06
16.966	16.966	0.000	63896	50.0000	35.45	31.30- 93.90	388.41
17.050	17.050	0.000	65527	50.0000	35.13	2.81- 8.43	398.32
17.486	17.483	0.003	49206	50.0000	35.83	24.39- 73.17	299.11
Average of Peak Amounts =					36.3140		

Data File: 034F3401.D

Date: 20-SEP-2011 05:46

Client ID: Instrument: GC_W.i

Sample Info: IC-901430,4268-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\035F3501.D
Lab Smp Id: IC-902071
Inj Date : 20-SEP-2011 06:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-902071,4268-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 35 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

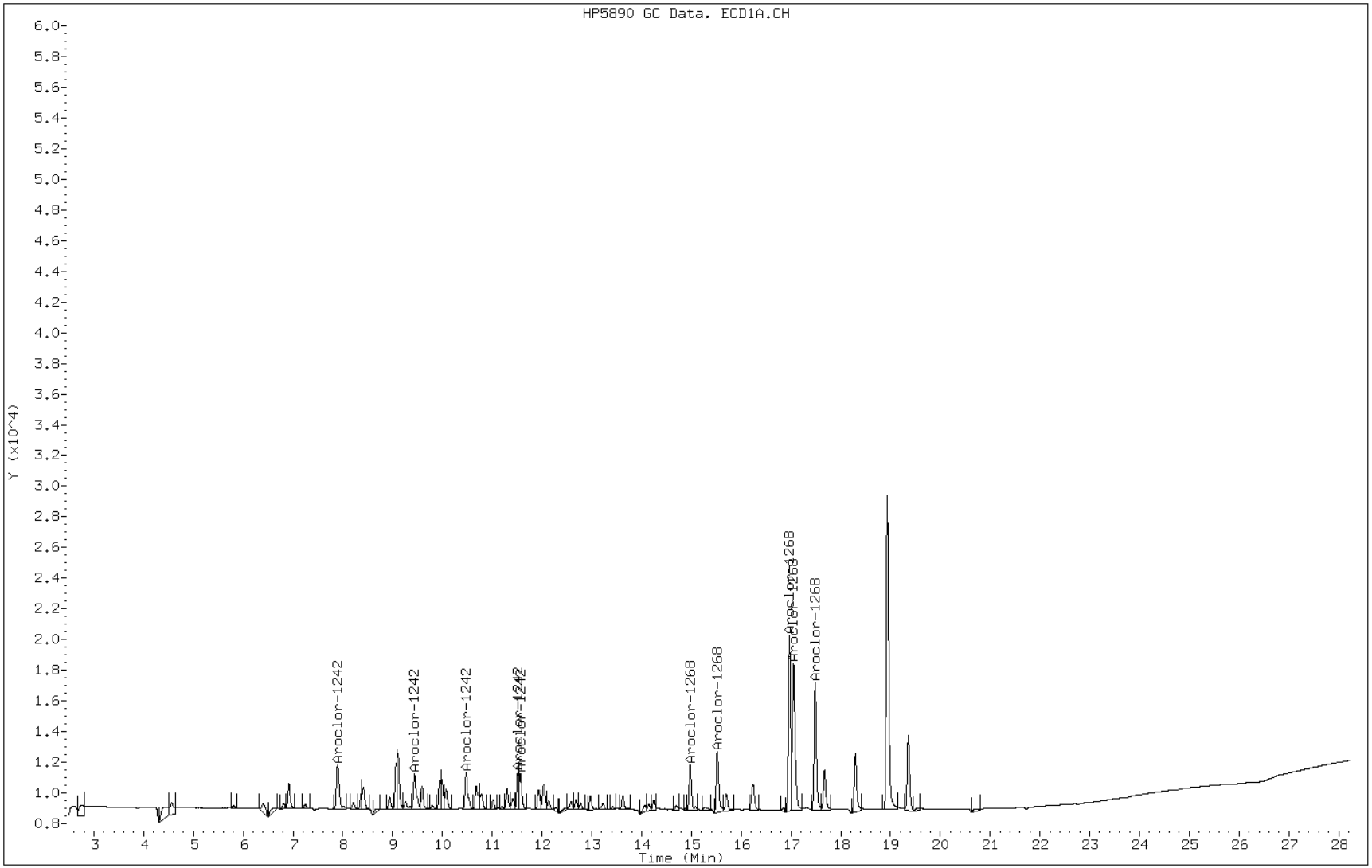
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	11861	25.0000	-9.3353	50.00- 150.00	100.00
9.440	9.436	0.004	9172	25.0000	-1.8590	108.83- 326.48	77.33
10.473	10.473	0.000	8928	25.0000	0.84986	83.74- 251.22	75.27
11.513	11.510	0.003	6952	25.0000	0.22850	35.48- 106.46	58.62
11.566	11.566	0.000	8047	25.0000	0.58652	3.33- 9.98	67.84
		Average of Peak Amounts =			-1.9059		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	9962	25.0000	5.4777	50.00- 150.00	100.00
15.520	15.520	0.000	14684	25.0000	2.7756	50.00- 150.00	147.40
16.966	16.966	0.000	36851	25.0000	-1.6519	31.30- 93.90	369.91
17.053	17.050	0.003	37158	25.0000	-1.2361	2.81- 8.43	372.99
17.486	17.483	0.003	28073	25.0000	0.17264	24.39- 73.17	281.80
		Average of Peak Amounts =			1.10759		

Data File: 035F3501.D

Date: 20-SEP-2011 06:17

Client ID: Instrument: GC_W.i

Sample Info: IC-902071,4268-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7184

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1242 Peak 1	8.900	8.903	8.900	8.900	8.900	8.900	8.903				8.700 - 9.100	8.901
PCB-1242 Peak 2	10.060	10.060	10.060	10.063	10.060	10.063	10.063				9.860 - 10.260	10.061
PCB-1242 Peak 3	11.840	11.840	11.840	11.840	11.840	11.843	11.843				11.640 - 12.040	11.841
PCB-1242 Peak 4	12.573	12.573	12.573	12.573	12.573	12.573	12.573				12.373 - 12.773	12.573
PCB-1242 Peak 5	13.097	13.097	13.097	13.097	13.097	13.097	13.097				12.897 - 13.297	13.097
PCB-1268 Peak 1	16.063	16.067	16.063	16.063	16.063	16.063	16.063				15.863 - 16.263	16.064
PCB-1268 Peak 2	16.723	16.727	16.727	16.723	16.723	16.723	16.723				16.523 - 16.923	16.724
PCB-1268 Peak 3	18.110	18.113	18.113	18.110	18.110	18.110	18.110				17.910 - 18.310	18.111
PCB-1268 Peak 4	18.210	18.210	18.210	18.207	18.207	18.210	18.210				18.007 - 18.407	18.209
PCB-1268 Peak 5	18.770	18.773	18.773	18.770	18.770	18.770	18.773				18.570 - 18.970	18.771

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7184

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1242 Peak 1	531.88 293.70	458.12 263.83	407.12 247.39	354.45	Lin	-65.646583	241.709586							0.9909		0.9900
PCB-1242 Peak 2	868.60 551.26	770.90 504.05	706.84 471.91	638.86	Lin	-51.076027	467.014334							0.9929		0.9900
PCB-1242 Peak 3	404.44 282.11	367.40 258.05	342.65 239.34	319.49	Lin	-45.258139	239.504088							0.9922		0.9900
PCB-1242 Peak 4	417.84 290.18	372.92 267.56	350.82 243.67	329.18	Lin	-45.703176	245.715562							0.9906		0.9900
PCB-1242 Peak 5	429.00 307.15	381.24 284.21	357.34 258.11	339.79	Lin	-41.192986	261.634894							0.9910		0.9900
PCB-1268 Peak 1	458.20 289.34	405.18 268.04	371.43 256.38	335.83	Lin	-46.221725	251.751506							0.9955		0.9900
PCB-1268 Peak 2	617.72 369.06	541.68 338.97	488.15 323.32	432.02	Lin	-52.055249	316.321706							0.9948		0.9900
PCB-1268 Peak 3	1746.5 1033.7	1517.4 943.68	1363.5 896.69	1217.6	Lin	-54.063965	878.206936							0.9939		0.9900
PCB-1268 Peak 4	1623.6 1043.9	1483.2 987.63	1342.4 942.69	1222.3	Lin	-43.522568	926.260336							0.9963		0.9900
PCB-1268 Peak 5	1325.9 832.22	1152.0 764.58	1052.1 729.84	957.24	Lin	-46.563474	717.990330							0.9951		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20042-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP2 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7184

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin	13297 197872	22906 247394	40712	88613	146851	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 2	Lin	21715 378039	38545 471910	70684	159714	275629	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 3	Lin	10111 193538	18370 239338	34265	79873	141055	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 4	Lin	10446 200672	18646 243667	35082	82296	145090	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 5	Lin	10725 213157	19062 258114	35734	84948	153576	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 1	Lin	11455 201032	20259 256375	37143	83957	144669	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 2	Lin	15443 254230	27084 323318	48815	108006	184528	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 3	Lin	43662 707757	75869 896694	136345	304398	516834	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 4	Lin	40590 740719	74159 942693	134244	305580	521954	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 5	Lin	33147 573435	57601 729842	105205	239310	416109	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\029F2901.D
Lab Smp Id: IC-901232
Inj Date : 20-SEP-2011 03:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901232,4268-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:47 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 29 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS CAL-AMT (ng/ml)	AMOUNTS ON-COL (ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.903	8.900	0.003	247394	1000.00	957.9	50.00- 150.00	100.00(M)
10.063	10.060	0.003	471910	1000.00	959.4	100.64- 301.91	190.75
11.843	11.840	0.003	239338	1000.00	954.0	160.51- 481.52	96.74
12.573	12.573	0.000	243667	1000.00	946.0	57.95- 173.85	98.49
13.096	13.096	0.000	258114	1000.00	945.3	66.73- 200.18	104.33
		Average of Peak Amounts =			952.520		
8 Aroclor-1268					CAS #:		
16.063	16.063	0.000	256375	1000.00	972.1	50.00- 150.00	100.00
16.723	16.723	0.000	323318	1000.00	970.1	61.87- 185.61	126.11
18.110	18.110	0.000	896694	1000.00	967.0	183.37- 550.10	349.76
18.210	18.206	0.004	942693	1000.00	974.2	168.76- 506.28	367.70
18.773	18.770	0.003	729842	1000.00	969.9	131.03- 393.10	284.68
		Average of Peak Amounts =			970.660		

QC Flag Legend

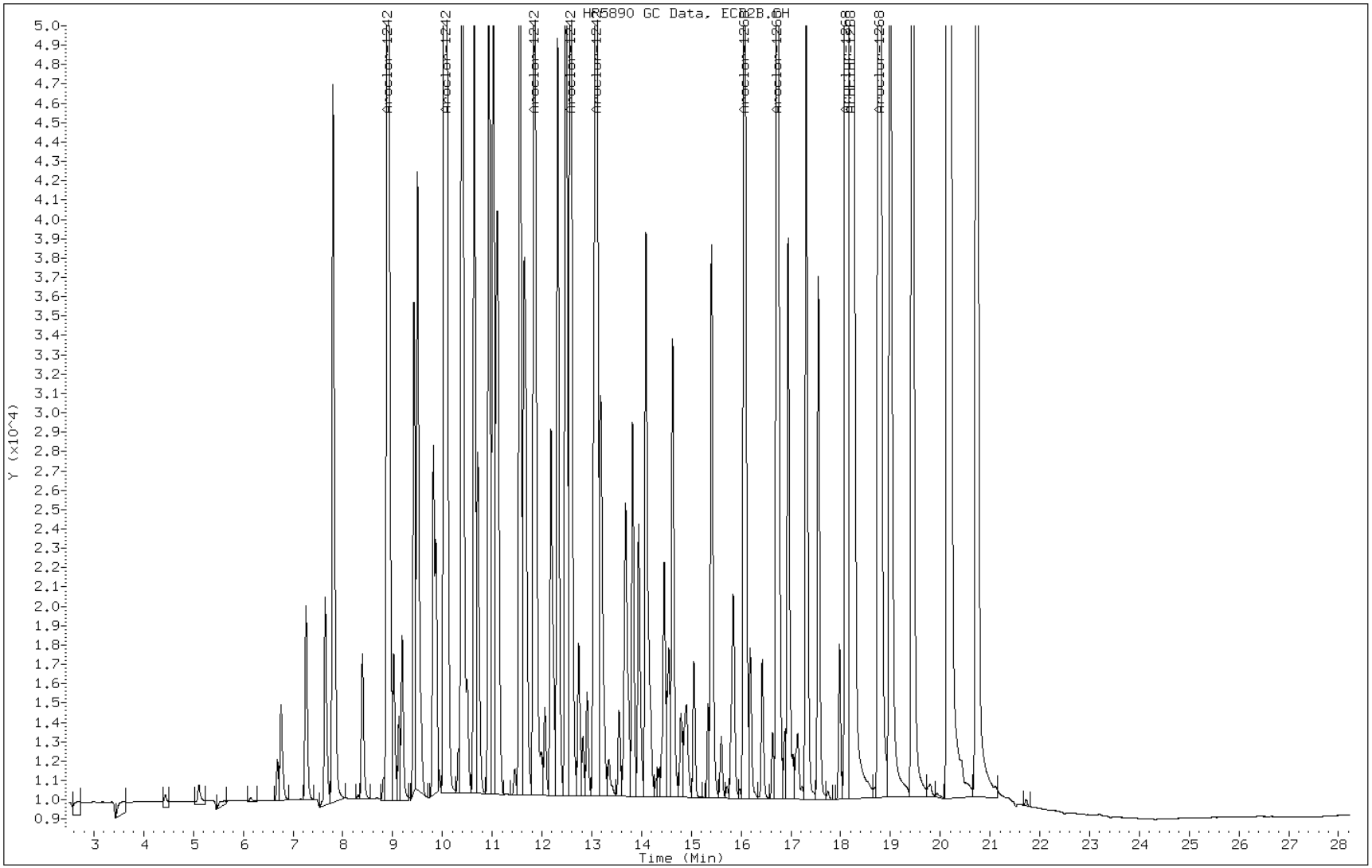
M - Compound response manually integrated.

Data File: 029F2901.D

Date: 20-SEP-2011 03:07

Client ID: Instrument: GC_W.i

Sample Info: IC-901232,4268-6 Operator: JAX



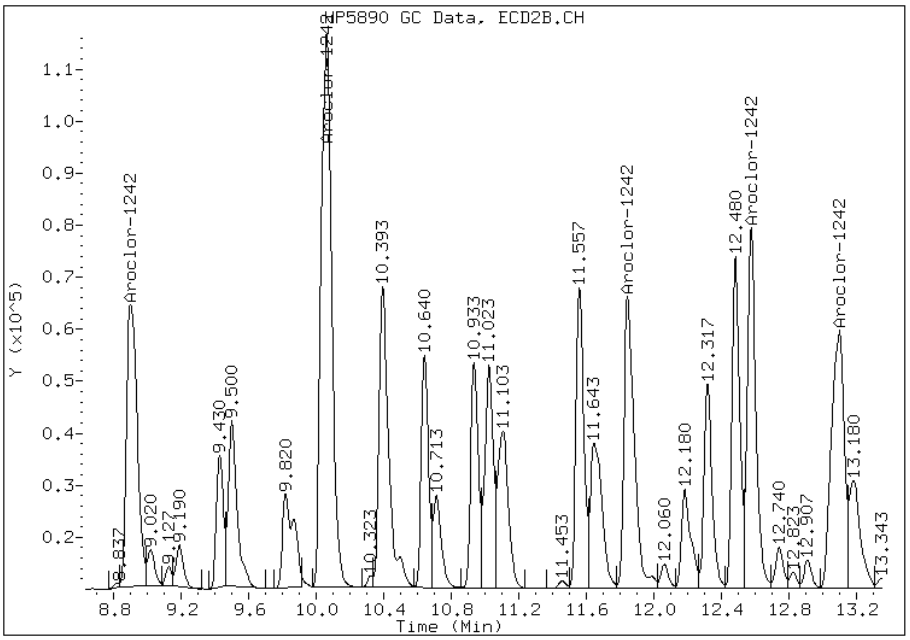
Manual Integration Report

Data File: 029F2901.D
Inj. Date and Time: 20-SEP-2011 03:07
Instrument ID: GC_W.i
Client ID:
Compound: 4 Aroclor-1242
CAS #: 53469-21-9
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
8.90	241572*	945.48
10.06	471910	959.41
11.84	239338	954.05
12.57	243667	998.62
13.10	258114	965.11

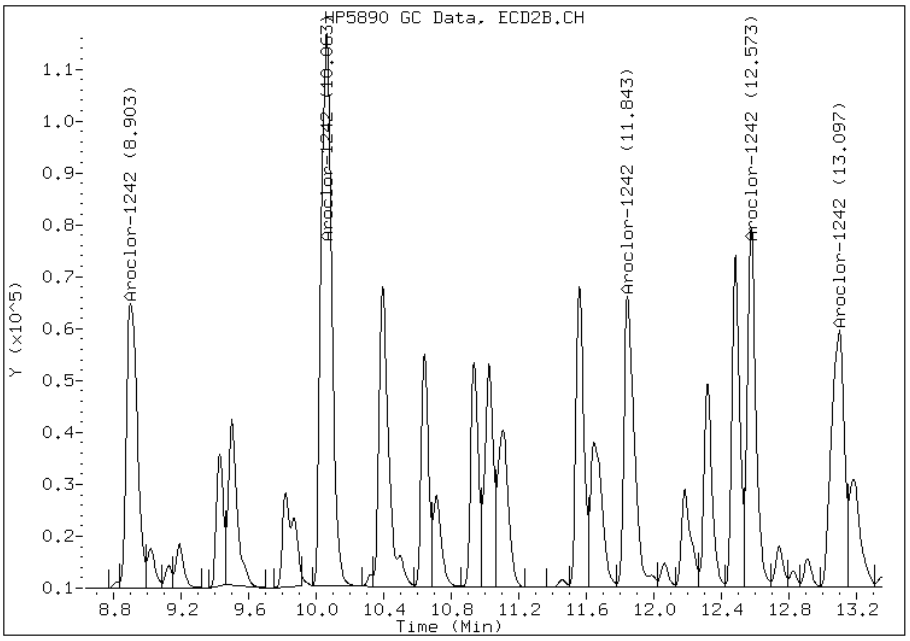
Final Conc		964.50



Manual Integration Results

RT	Response	Conc
8.90	247394*	957.87
10.06	471910	959.41
11.84	239338	954.05
12.57	243667	945.96
13.10	258114	945.35

Final Conc		952.50



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\030F3001.D
Lab Smp Id: IC-901404
Inj Date : 20-SEP-2011 03:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901404,4268-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:39 Cal File: 030F3001.D
Als bottle: 30 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

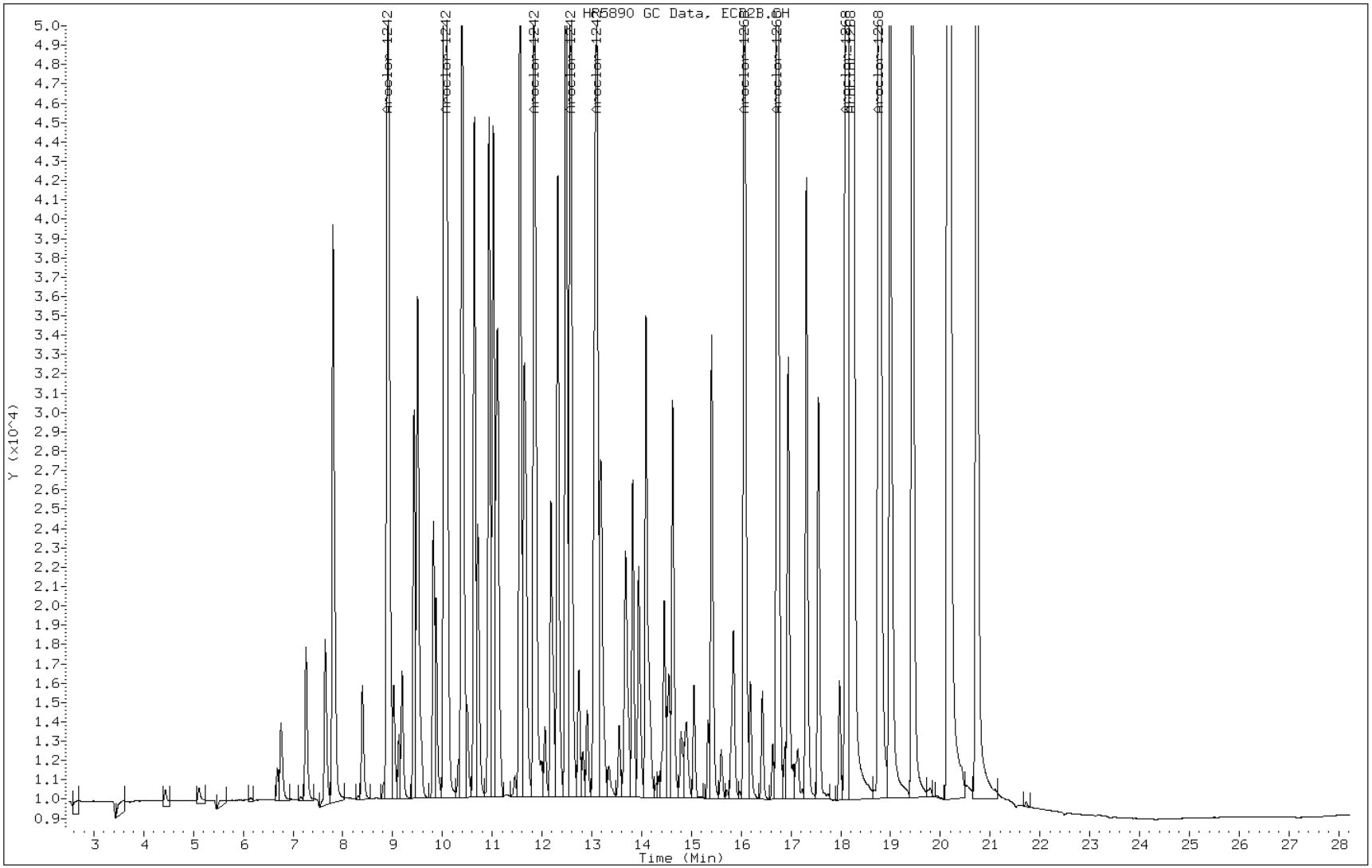
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.900	8.900	0.000	197872	750.000	753.0	50.00- 150.00	100.00
10.063	10.060	0.003	378039	750.000	758.4	100.64- 301.91	191.05
11.843	11.840	0.003	193538	750.000	762.8	160.51- 481.52	97.81
12.573	12.573	0.000	200672	750.000	771.0	57.95- 173.85	101.42
13.096	13.096	0.000	213157	750.000	773.5	66.73- 200.18	107.72
Average of Peak Amounts =					763.740		
8 Aroclor-1268					CAS #:		
16.063	16.063	0.000	201032	750.000	752.3	50.00- 150.00	100.00
16.723	16.723	0.000	254230	750.000	751.6	61.87- 185.61	126.46
18.110	18.110	0.000	707757	750.000	751.8	183.37- 550.10	352.06
18.210	18.206	0.004	740719	750.000	756.2	168.76- 506.28	368.46
18.770	18.770	0.000	573435	750.000	752.1	131.03- 393.10	285.25
Average of Peak Amounts =					752.800		

Data File: 030F3001.D

Date: 20-SEP-2011 03:39

Client ID: Instrument: GC_W.i

Sample Info: IC-901404,4268-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\031F3101.D
Lab Smp Id: IC-901422
Inj Date : 20-SEP-2011 04:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901422,4268-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 31 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

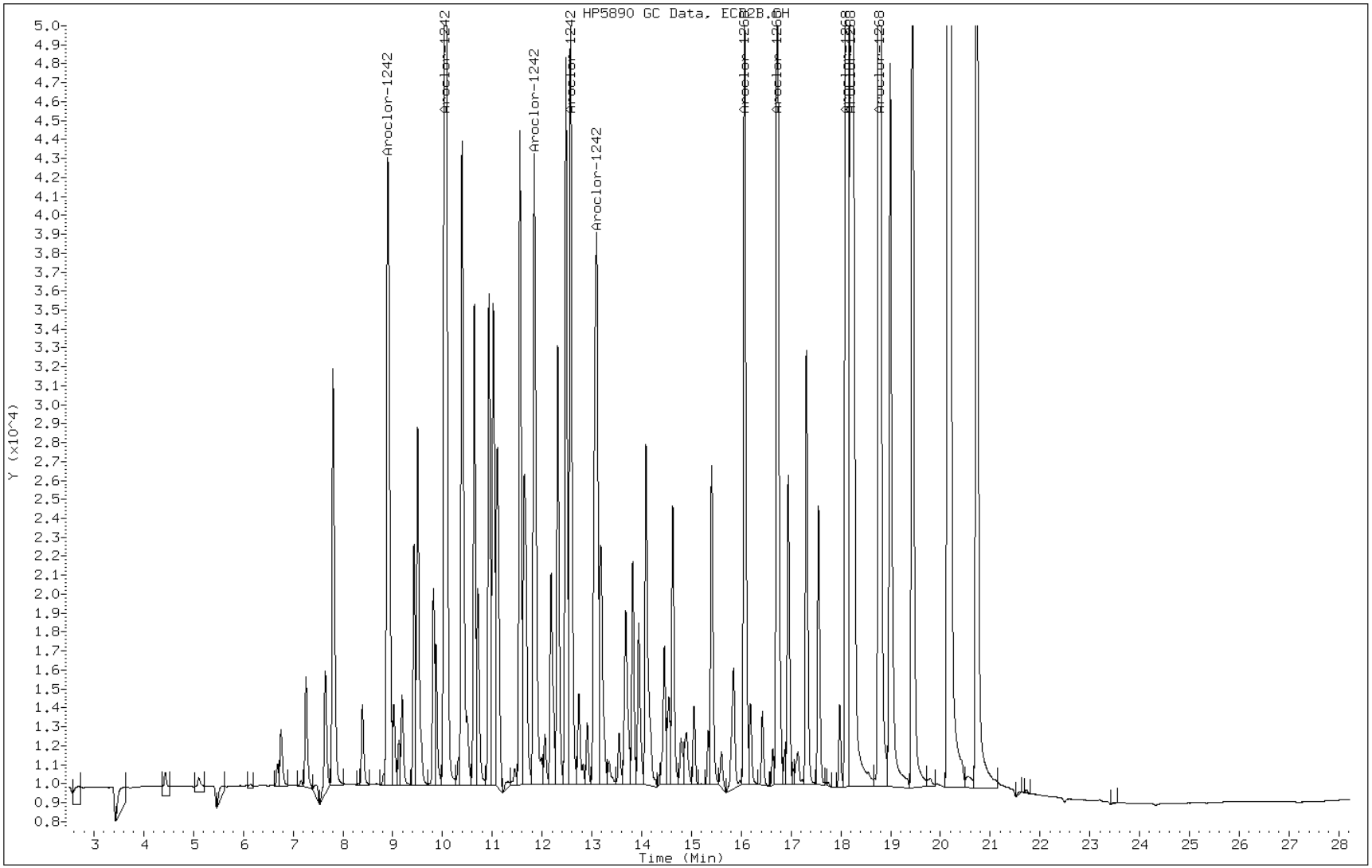
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.900	8.900	0.000	146851	500.000	541.9	50.00- 150.00	100.00
10.060	10.060	0.000	275629	500.000	539.1	100.64- 301.91	187.69
11.840	11.840	0.000	141055	500.000	543.7	160.51- 481.52	96.05
12.573	12.573	0.000	145090	500.000	544.8	57.95- 173.85	98.80
13.096	13.096	0.000	153576	500.000	545.8	66.73- 200.18	104.58
Average of Peak Amounts =					543.060		
8 Aroclor-1268					CAS #:		
16.063	16.063	0.000	144669	500.000	528.4	50.00- 150.00	100.00
16.723	16.723	0.000	184528	500.000	531.3	61.87- 185.61	127.55
18.110	18.110	0.000	516834	500.000	534.4	183.37- 550.10	357.25
18.206	18.206	0.000	521954	500.000	520.0	168.76- 506.28	360.79
18.770	18.770	0.000	416109	500.000	533.0	131.03- 393.10	287.63
Average of Peak Amounts =					529.420		

Data File: 031F3101.D

Date: 20-SEP-2011 04:11

Client ID: Instrument: GC_W.i

Sample Info: IC-901422,4268-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\032F3201.D
Lab Smp Id: IC-901423
Inj Date : 20-SEP-2011 04:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901423,4268-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:42 Cal File: 032F3201.D
Als bottle: 32 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

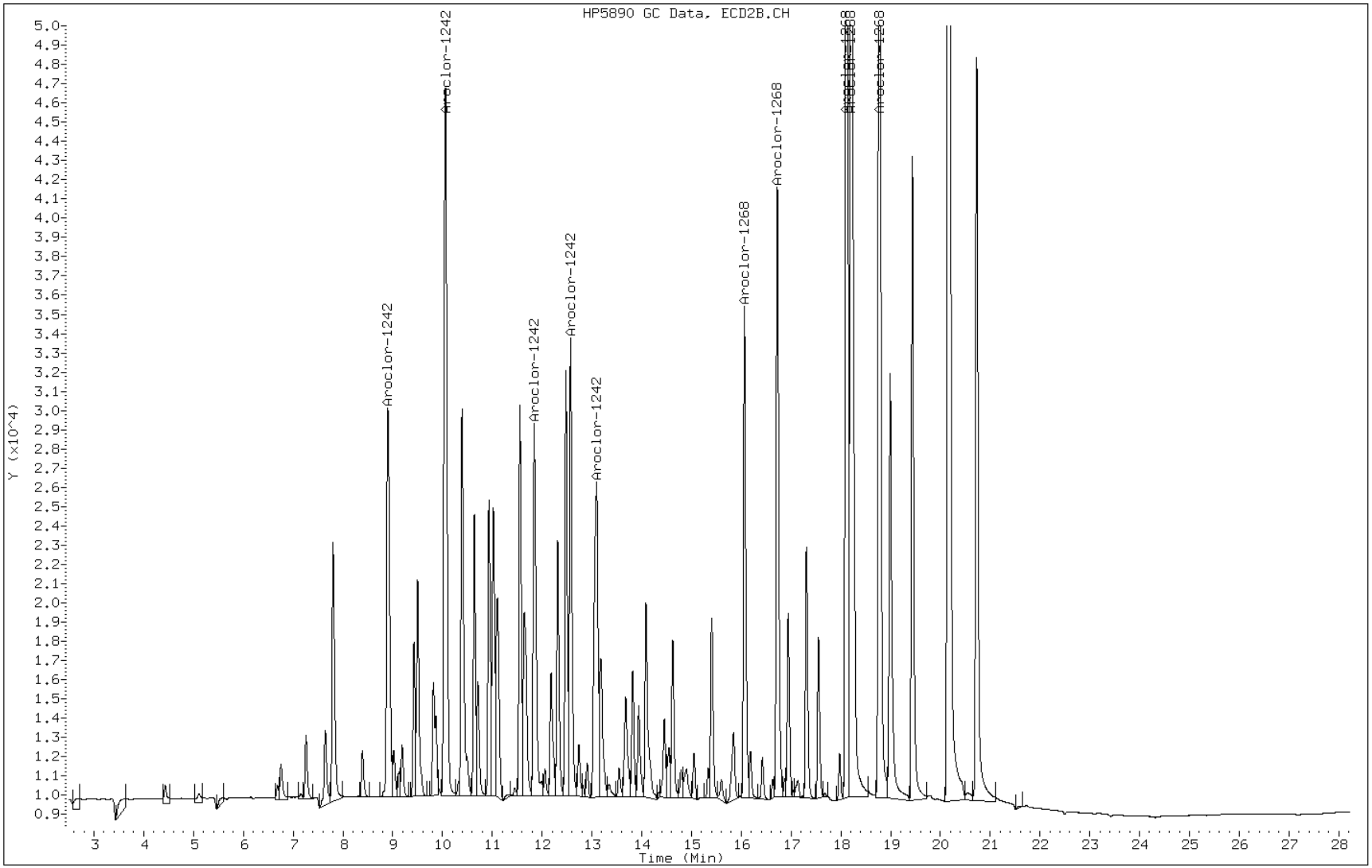
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
4 Aroclor-1242					CAS #: 53469-21-9			
8.900	8.900	0.000	88613	250.000	301.0	50.00- 150.00		100.00
10.063	10.060	0.003	159714	250.000	290.9	100.64- 301.91		180.24
11.840	11.840	0.000	79873	250.000	288.2	160.51- 481.52		90.14
12.573	12.573	0.000	82296	250.000	289.2	57.95- 173.85		92.87
13.096	13.096	0.000	84948	250.000	283.5	66.73- 200.18		95.86
Average of Peak Amounts =					290.560			
8 Aroclor-1268					CAS #:			
16.063	16.063	0.000	83957	250.000	287.3	50.00- 150.00		100.00
16.723	16.723	0.000	108006	250.000	289.4	61.87- 185.61		128.64
18.110	18.110	0.000	304398	250.000	292.5	183.37- 550.10		362.56
18.206	18.206	0.000	305580	250.000	286.4	168.76- 506.28		363.97
18.770	18.770	0.000	239310	250.000	286.7	131.03- 393.10		285.04
Average of Peak Amounts =					288.460			

Data File: 032F3201.D

Date: 20-SEP-2011 04:42

Client ID: Instrument: GC_W.i

Sample Info: IC-901423,4268-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\033F3301.D
Lab Smp Id: IC-901429
Inj Date : 20-SEP-2011 05:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901429,4268-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:14 Cal File: 033F3301.D
Als bottle: 33 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

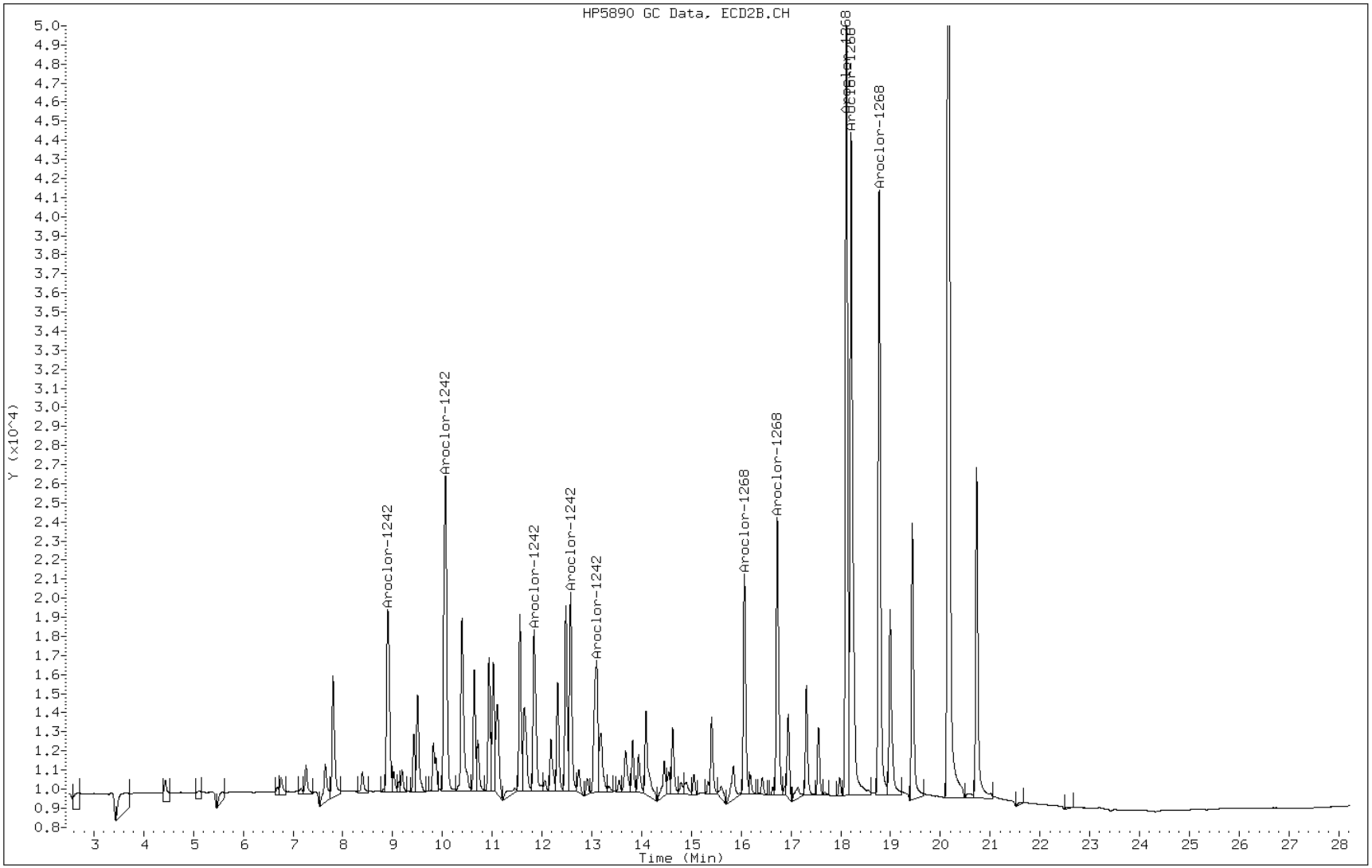
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.900	8.900	0.000	40712	100.000	102.8	50.00- 150.00	100.00
10.060	10.060	0.000	70684	100.000	100.3	100.64- 301.91	173.62
11.840	11.840	0.000	34265	100.000	97.81	160.51- 481.52	84.16
12.573	12.573	0.000	35082	100.000	97.07	57.95- 173.85	86.17
13.096	13.096	0.000	35734	100.000	95.39	66.73- 200.18	87.77
		Average of Peak Amounts =			98.6740		
8 Aroclor-1268					CAS #:		
16.063	16.063	0.000	37143	100.000	101.3	50.00- 150.00	100.00
16.726	16.723	0.003	48815	100.000	102.3	61.87- 185.61	131.42
18.113	18.110	0.003	136345	100.000	101.2	183.37- 550.10	367.08
18.210	18.206	0.004	134244	100.000	101.4	168.76- 506.28	361.42
18.773	18.770	0.003	105205	100.000	99.96	131.03- 393.10	283.24
		Average of Peak Amounts =			101.232		

Data File: 033F3301.D

Date: 20-SEP-2011 05:14

Client ID: Instrument: GC_W.i

Sample Info: IC-901429,4268-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\034F3401.D
Lab Smp Id: IC-901430
Inj Date : 20-SEP-2011 05:46
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901430,4268-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:46 Cal File: 034F3401.D
Als bottle: 34 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

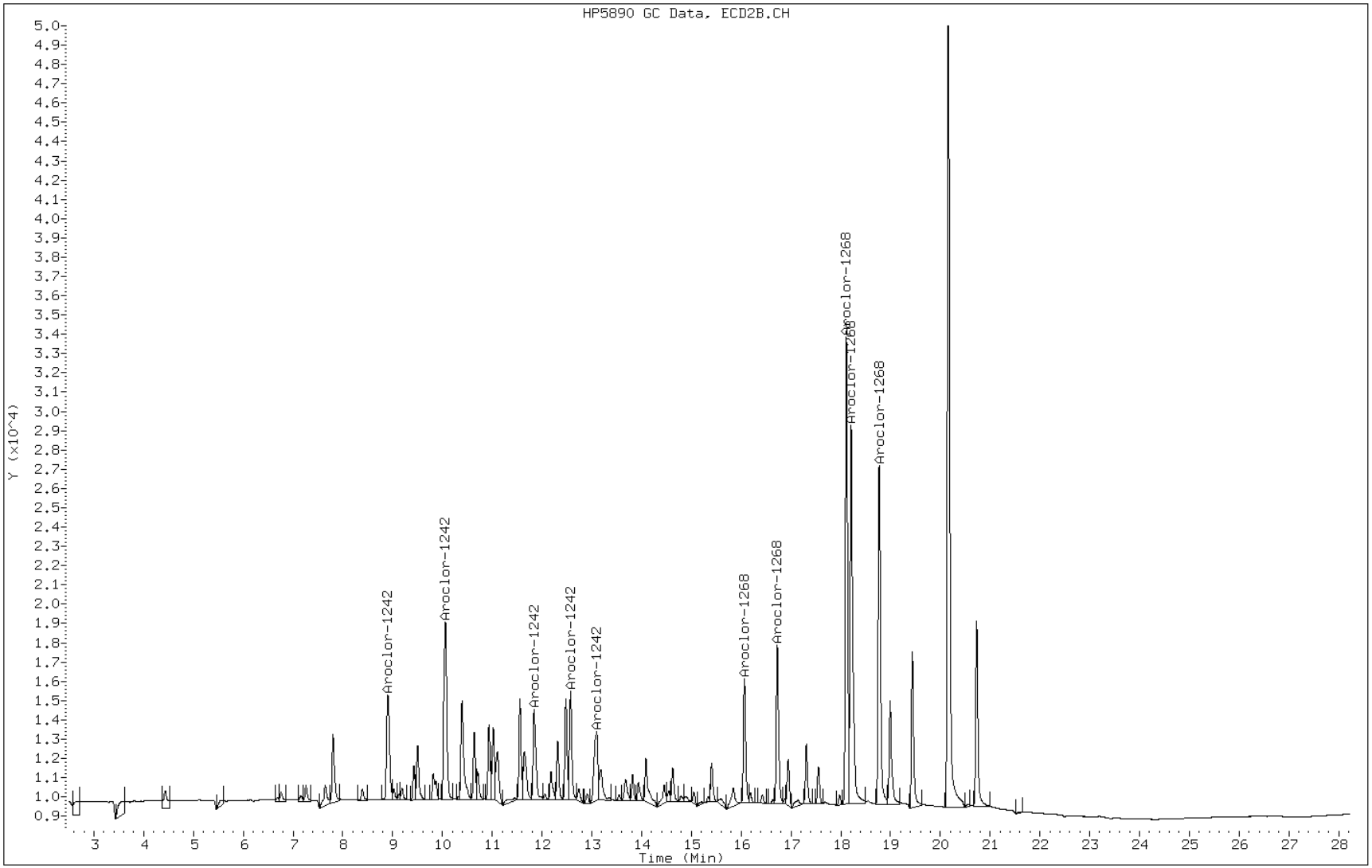
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.903	8.900	0.003	22906	50.0000	29.12	50.00- 150.00	100.00
10.060	10.060	0.000	38545	50.0000	31.46	100.64- 301.91	168.27
11.840	11.840	0.000	18370	50.0000	31.44	160.51- 481.52	80.20
12.573	12.573	0.000	18646	50.0000	30.18	57.95- 173.85	81.40
13.096	13.096	0.000	19062	50.0000	31.66	66.73- 200.18	83.22
		Average of Peak Amounts =			30.7720		
8 Aroclor-1268					CAS #:		
16.066	16.063	0.003	20259	50.0000	34.25	50.00- 150.00	100.00
16.726	16.723	0.003	27084	50.0000	33.57	61.87- 185.61	133.69
18.113	18.110	0.003	75869	50.0000	32.33	183.37- 550.10	374.50
18.210	18.206	0.004	74159	50.0000	36.54	168.76- 506.28	366.05
18.773	18.770	0.003	57601	50.0000	33.66	131.03- 393.10	284.32
		Average of Peak Amounts =			34.0700		

Data File: 034F3401.D

Date: 20-SEP-2011 05:46

Client ID: Instrument: GC_W.i

Sample Info: IC-901430,4268-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\035F3501.D
Lab Smp Id: IC-902071
Inj Date : 20-SEP-2011 06:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-902071,4268-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 09:01 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 35 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

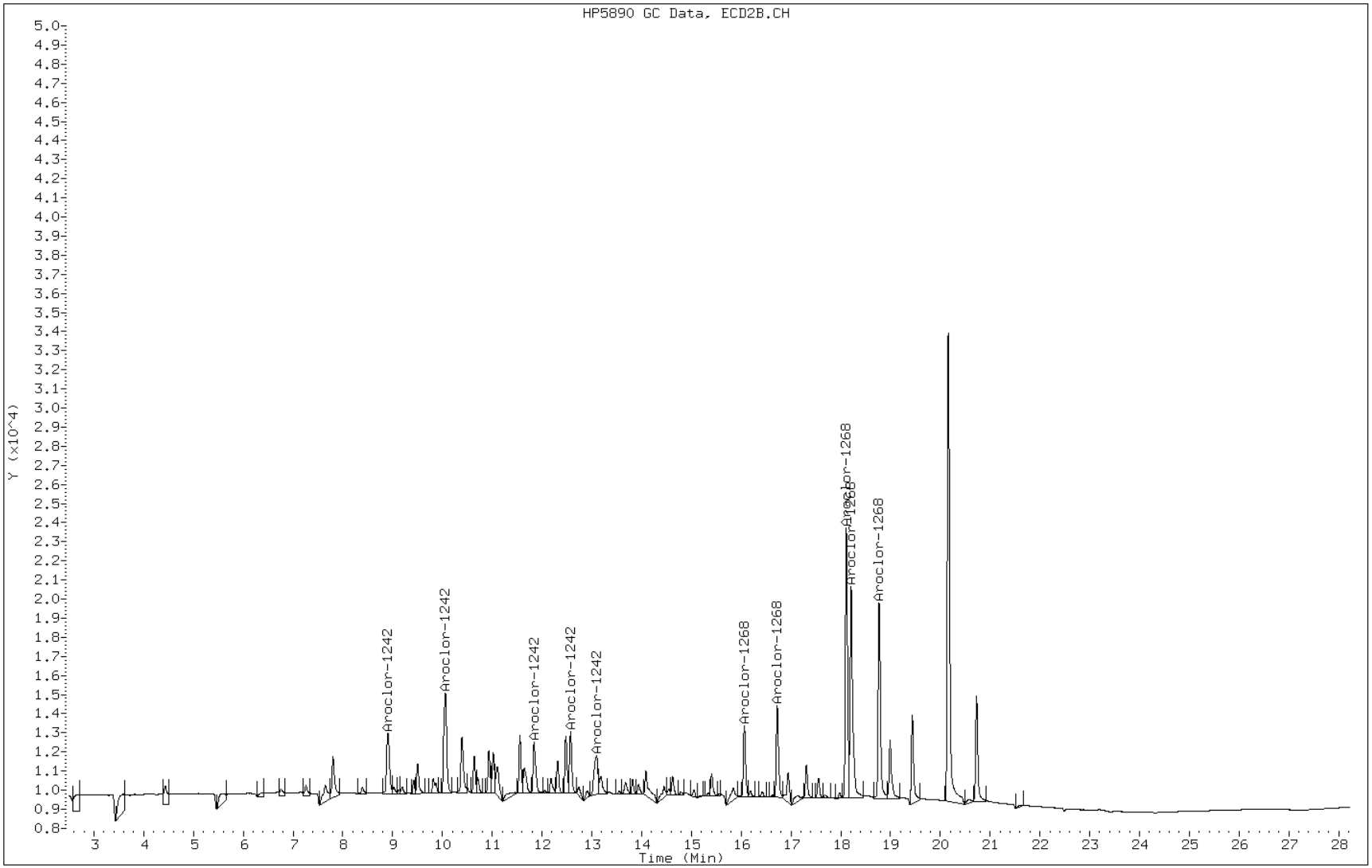
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.900	8.900	0.000	13297	25.0000	-10.634	50.00- 150.00	100.00
10.060	10.060	0.000	21715	25.0000	-4.5785	100.64- 301.91	163.31
11.840	11.840	0.000	10111	25.0000	-3.0417	160.51- 481.52	76.04
12.573	12.573	0.000	10446	25.0000	-3.1906	57.95- 173.85	78.56
13.096	13.096	0.000	10725	25.0000	-0.20075	66.73- 200.18	80.66
8 Aroclor-1268					CAS #:		
16.063	16.063	0.000	11455	25.0000	-0.72051	50.00- 150.00	100.00
16.723	16.723	0.000	15443	25.0000	-3.2347	61.87- 185.61	134.81
18.110	18.110	0.000	43662	25.0000	-4.3468	183.37- 550.10	381.16
18.210	18.206	0.004	40590	25.0000	0.29880	168.76- 506.28	354.34
18.770	18.770	0.000	33147	25.0000	-0.39711	131.03- 393.10	289.37
Average of Peak Amounts =					-1.6801		

Data File: 035F3501.D

Date: 20-SEP-2011 06:17

Client ID: Instrument: GC_W.i

Sample Info: IC-902071,4268-7 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin	174.3	153.4		257	250	2.6	20.0
PCB-1248 Peak 2	Lin	327.8	271.2		236	250	-5.7	20.0
PCB-1248 Peak 3	Lin	349.6	302.0		248	250	-0.9	20.0
PCB-1248 Peak 4	Lin	310.6	260.8		238	250	-4.6	20.0
PCB-1248 Peak 5	Lin	163.3	129.5		228	250	-8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	7.89	7.69	8.09
PCB-1248 Peak 2	11.51	11.31	11.71
PCB-1248 Peak 3	11.57	11.36	11.76
PCB-1248 Peak 4	12.04	11.83	12.23
PCB-1248 Peak 5	13.62	13.42	13.82

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\036F3601.D
Lab Smp Id: ICV-900863
Inj Date : 20-SEP-2011 06:49
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900863, 1248
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 36 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

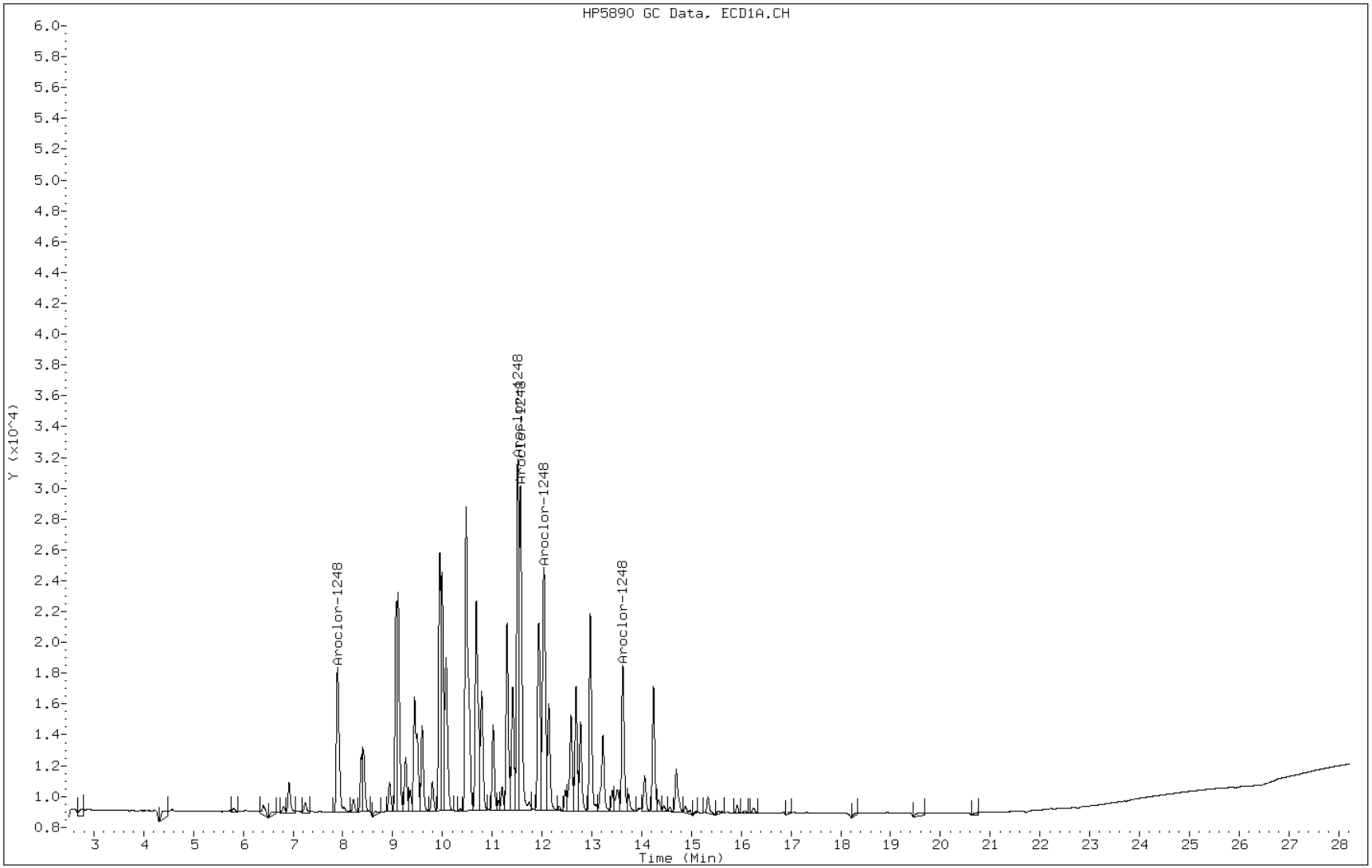
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.893	7.890	0.003	38342	250.000	256.5	50.00- 150.00	100.00
11.513	11.506	0.007	67796	250.000	235.7	41.73- 125.19	176.82
11.566	11.560	0.006	75497	250.000	247.7	16.31- 48.91	196.90
12.036	12.033	0.003	65209	250.000	238.4	16.50- 49.50	170.07
13.623	13.620	0.003	32365	250.000	227.9	11.54- 34.62	84.41
Average of Peak Amounts =					241.240		

Data File: 036F3601.D

Date: 20-SEP-2011 06:49

Client ID: Instrument: GC_W.i

Sample Info: ICV-900863, 1248 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin	431.2	361.3		237	250	-5.0	20.0
PCB-1248 Peak 2	Lin	352.5	294.4		243	250	-2.8	20.0
PCB-1248 Peak 3	Lin	397.4	327.8		237	250	-5.4	20.0
PCB-1248 Peak 4	Lin	473.7	396.5		241	250	-3.7	20.0
PCB-1248 Peak 5	Lin	280.9	234.5		235	250	-6.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	10.06	9.86	10.26
PCB-1248 Peak 2	11.56	11.35	11.75
PCB-1248 Peak 3	12.48	12.28	12.68
PCB-1248 Peak 4	12.57	12.37	12.77
PCB-1248 Peak 5	14.09	13.88	14.28

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\036F3601.D
Lab Smp Id: ICV-900863
Inj Date : 20-SEP-2011 06:49
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900863, 1248
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 10:06 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 36 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

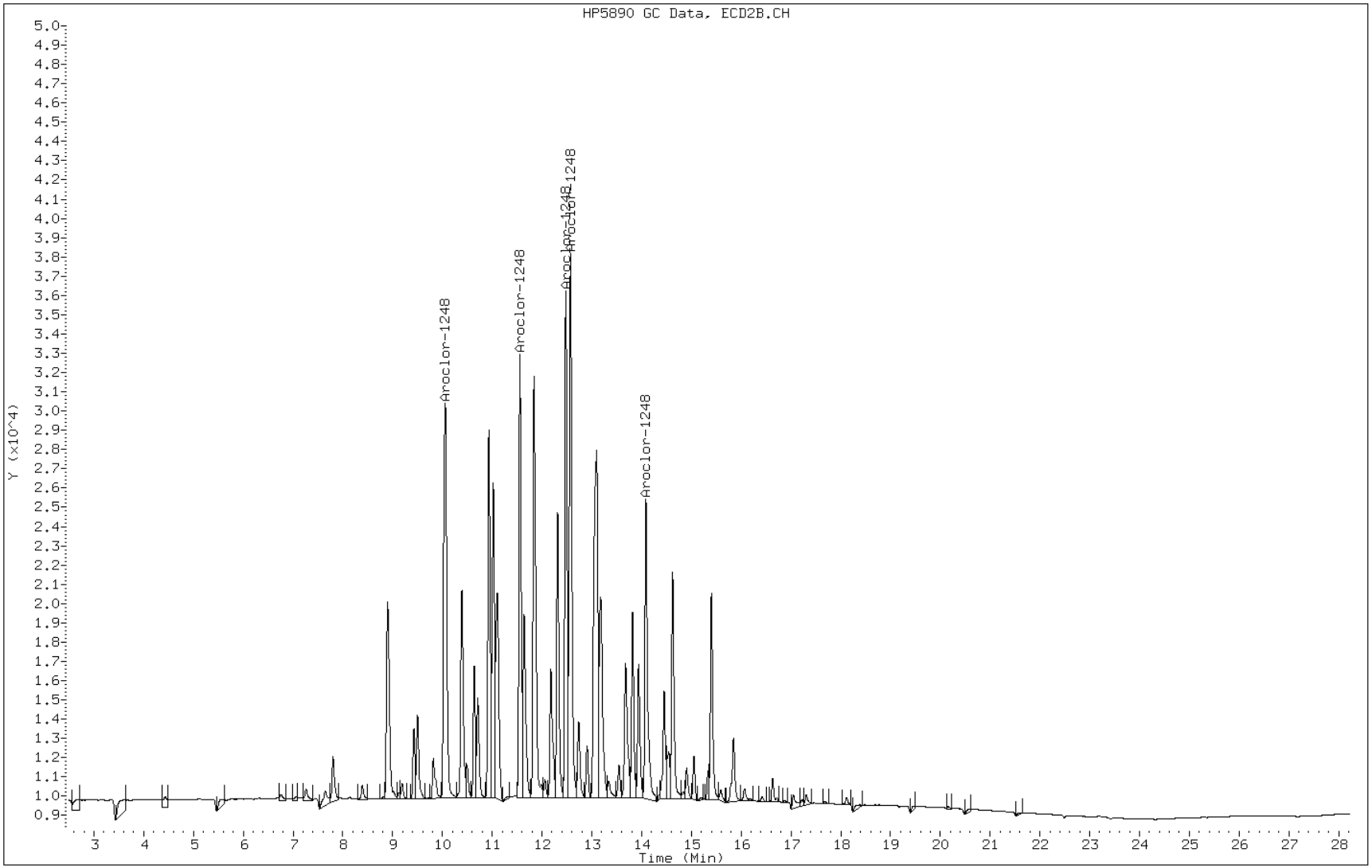
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
10.056	10.056	0.000	90330	250.000	237.4	50.00- 150.00	100.00
11.556	11.553	0.003	73594	250.000	243.0	47.98- 143.94	81.47
12.476	12.476	0.000	81959	250.000	236.6	48.70- 146.09	90.73
12.570	12.566	0.004	99114	250.000	240.8	56.67- 170.02	109.72
14.086	14.083	0.003	58627	250.000	234.6	30.52- 91.56	64.90
Average of Peak Amounts =					238.480		

Data File: 036F3601.D

Date: 20-SEP-2011 06:49

Client ID: Instrument: GC_W.i

Sample Info: ICV-900863, 1248 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin	135.3	115.0		264	250	5.5	20.0
PCB-1221 Peak 2	Lin	80.82	69.72		247	250	-1.3	20.0
PCB-1221 Peak 3	Lin	272.6	233.4		252	250	1.0	20.0
PCB-1254 Peak 1	Lin	347.9	289.8		246	250	-1.6	20.0
PCB-1254 Peak 2	Lin	445.3	375.8		248	250	-0.7	20.0
PCB-1254 Peak 3	Lin	547.8	466.1		241	250	-3.5	20.0
PCB-1254 Peak 4	Lin	435.5	372.2		247	250	-1.3	20.0
PCB-1254 Peak 5	Lin	579.0	497.6		243	250	-2.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	6.39	6.19	6.59
PCB-1221 Peak 2	6.81	6.60	7.00
PCB-1221 Peak 3	6.91	6.71	7.11
PCB-1254 Peak 1	11.41	11.21	11.61
PCB-1254 Peak 2	12.05	11.85	12.25
PCB-1254 Peak 3	12.97	12.76	13.16
PCB-1254 Peak 4	14.06	13.86	14.26
PCB-1254 Peak 5	14.69	14.49	14.89

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\037F3701.D
Lab Smp Id: ICV-900871
Inj Date : 20-SEP-2011 07:21
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900871, 2154
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

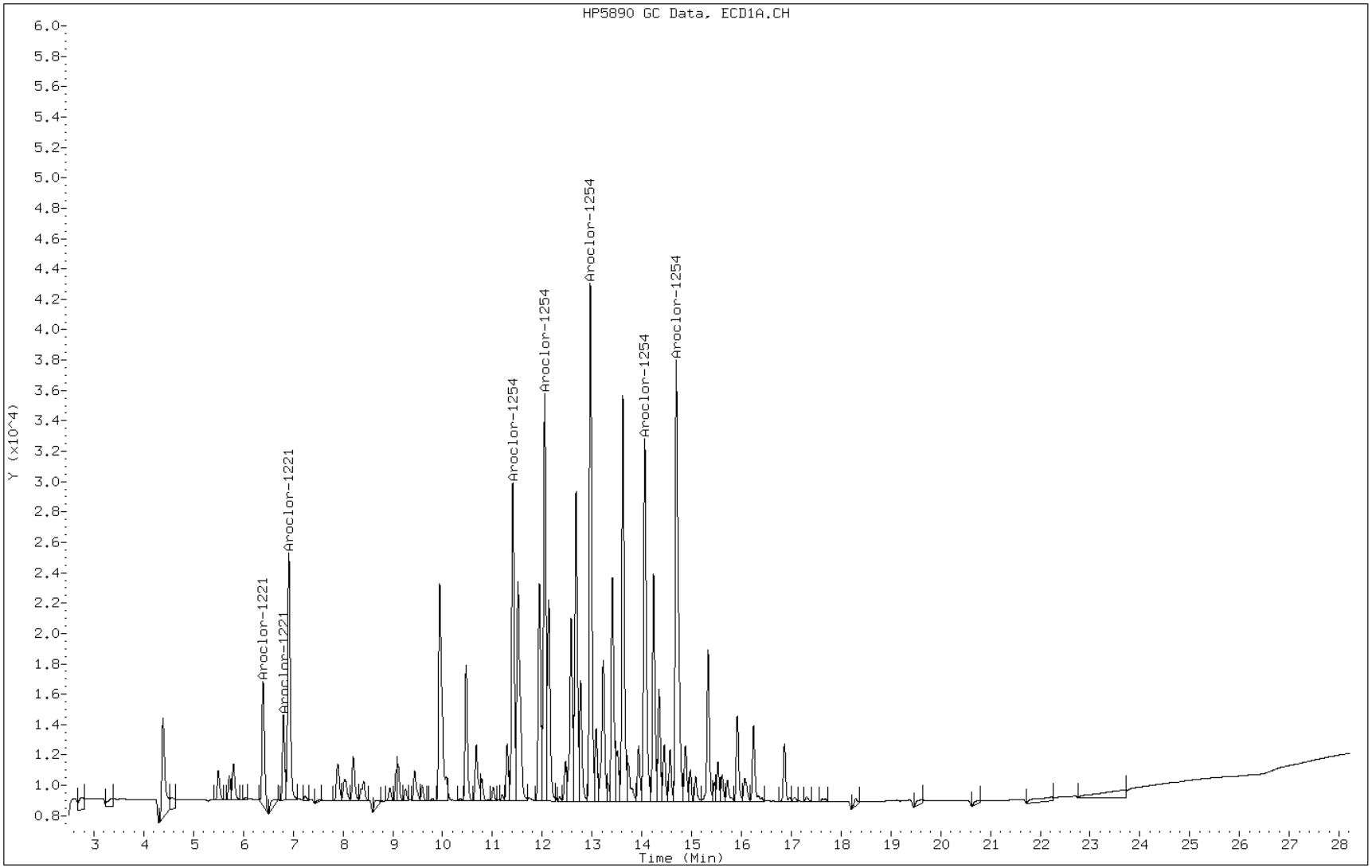
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	28754	250.000	263.7	50.00- 150.00	100.00
6.806	6.803	0.003	17429	250.000	246.8	55.26- 165.78	60.61
6.913	6.910	0.003	58345	250.000	252.4	317.01- 951.03	202.91
		Average of Peak Amounts =			254.300		
6 Aroclor-1254					CAS #: 11097-69-1		
11.410	11.406	0.004	72447	250.000	245.9	50.00- 150.00	100.00
12.050	12.046	0.004	93962	250.000	248.2	11.81- 35.43	129.70
12.966	12.963	0.003	116530	250.000	241.3	38.91- 116.75	160.85
14.060	14.056	0.004	93039	250.000	246.8	305.32- 915.96	128.42
14.693	14.690	0.003	124391	250.000	243.4	12.43- 37.29	171.70
		Average of Peak Amounts =			245.120		

Data File: 037F3701.D

Date: 20-SEP-2011 07:21

Client ID: Instrument: GC_W.i

Sample Info: ICV-900871, 2154 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin	130.2	111.9		242	250	-3.3	20.0
PCB-1221 Peak 2	Lin	71.40	67.20		227	250	-9.2	20.0
PCB-1221 Peak 3	Lin	301.1	254.6		248	250	-0.6	20.0
PCB-1254 Peak 1	Lin	450.3	376.6		247	250	-1.4	20.0
PCB-1254 Peak 2	Lin	522.3	437.5		247	250	-1.1	20.0
PCB-1254 Peak 3	Lin	624.4	531.1		246	250	-1.5	20.0
PCB-1254 Peak 4	Lin	327.9	279.7		244	250	-2.2	20.0
PCB-1254 Peak 5	Lin	673.7	570.4		242	250	-3.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	7.25	7.05	7.45
PCB-1221 Peak 2	7.64	7.44	7.84
PCB-1221 Peak 3	7.80	7.60	8.00
PCB-1254 Peak 1	12.56	12.36	12.76
PCB-1254 Peak 2	13.04	12.84	13.24
PCB-1254 Peak 3	14.08	13.88	14.28
PCB-1254 Peak 4	15.05	14.85	15.25
PCB-1254 Peak 5	15.84	15.64	16.04

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\037F3701.D
Lab Smp Id: ICV-900871
Inj Date : 20-SEP-2011 07:21
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900871, 2154
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 10:06 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
7.253	7.250	0.003	27985	250.000	241.8	80.00- 120.00	100.00(M)
7.643	7.640	0.003	16799	250.000	227.0	35.47- 106.40	60.03
7.800	7.796	0.004	63653	250.000	248.5	110.25- 330.76	227.45
		Average of Peak Amounts =			239.100		
6 Aroclor-1254					CAS #: 11097-69-1		
12.560	12.560	0.000	94152	250.000	246.6	80.00- 120.00	100.00
13.036	13.036	0.000	109376	250.000	247.3	57.99- 173.98	116.17
14.083	14.080	0.003	132776	250.000	246.2	71.94- 215.81	141.02
15.046	15.046	0.000	69914	250.000	244.4	37.01- 111.04	74.26
15.843	15.840	0.003	142602	250.000	242.4	77.19- 231.58	151.46
		Average of Peak Amounts =			245.380		

QC Flag Legend

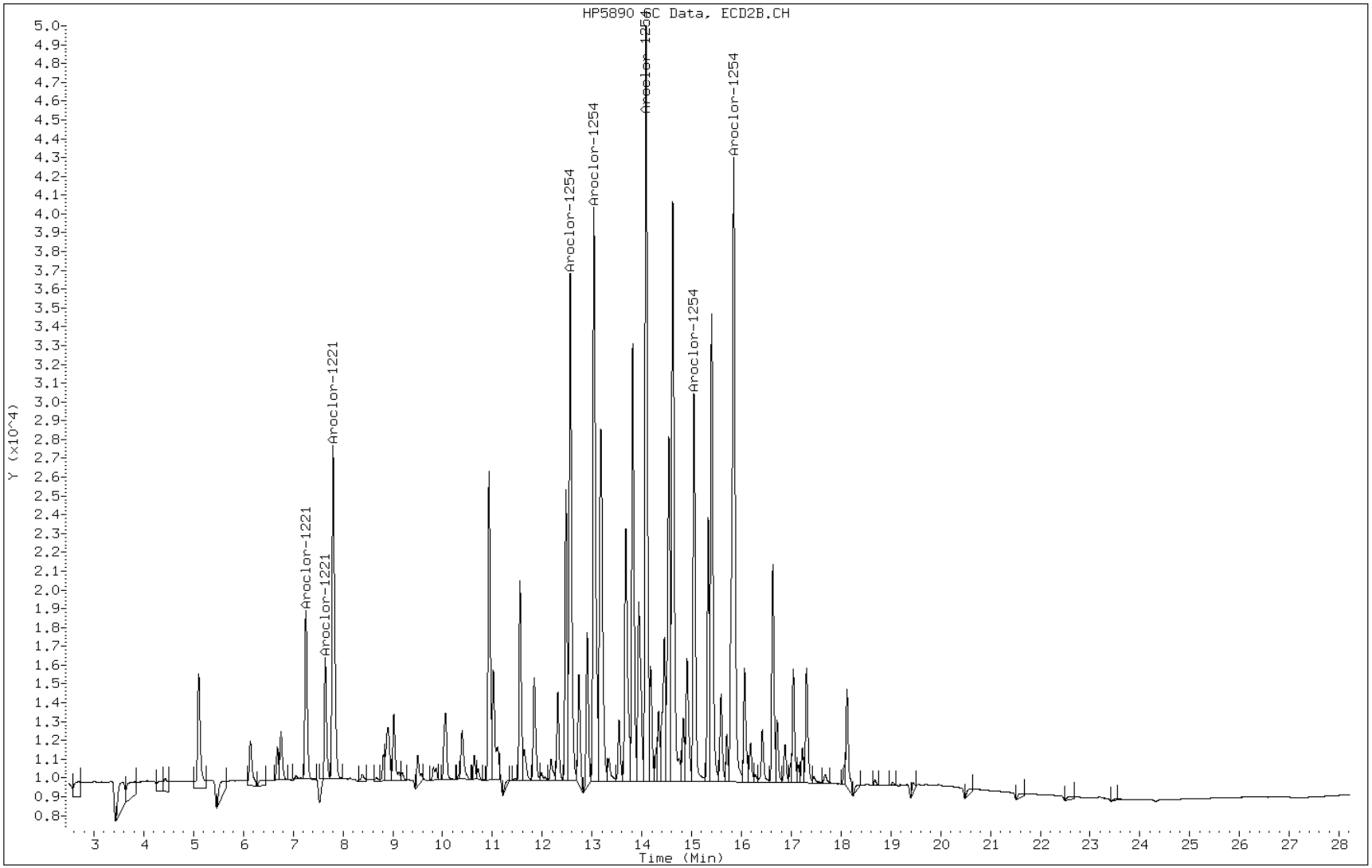
M - Compound response manually integrated.

Data File: 037F3701.D

Date: 20-SEP-2011 07:21

Client ID: Instrument: GC_W.i

Sample Info: ICV-900871, 2154 Operator: JAX



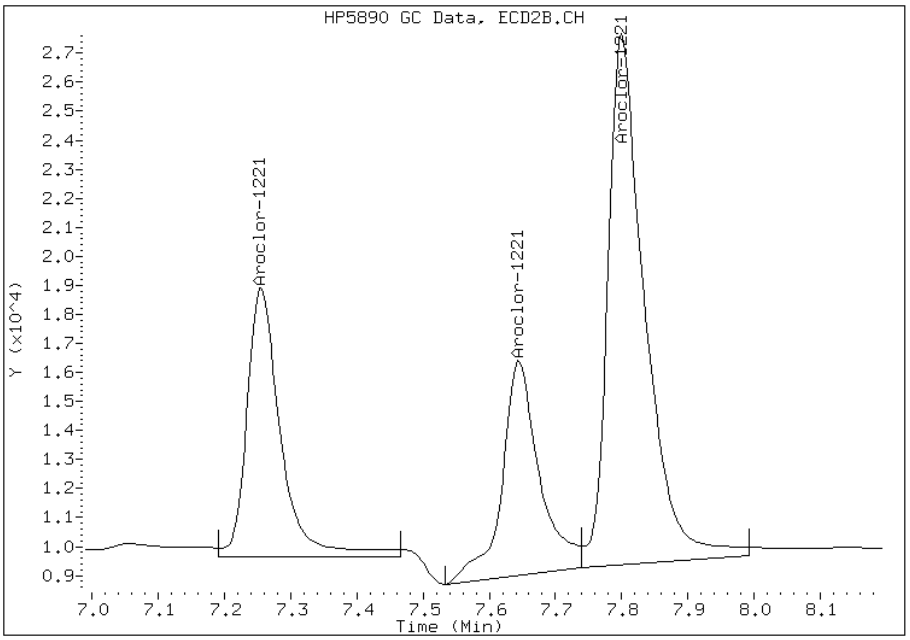
Manual Integration Report

Data File: 037F3701.D
Inj. Date and Time: 20-SEP-2011 07:21
Instrument ID: GC_W.i
Client ID:
Compound: 2 Aroclor-1221
CAS #: 11104-28-2
Report Date: 09/20/2011

Processing Integration Results

RT	Response	Conc
7.25	33146*	294.05
7.64	29124*	399.99
7.80	71221*	285.04

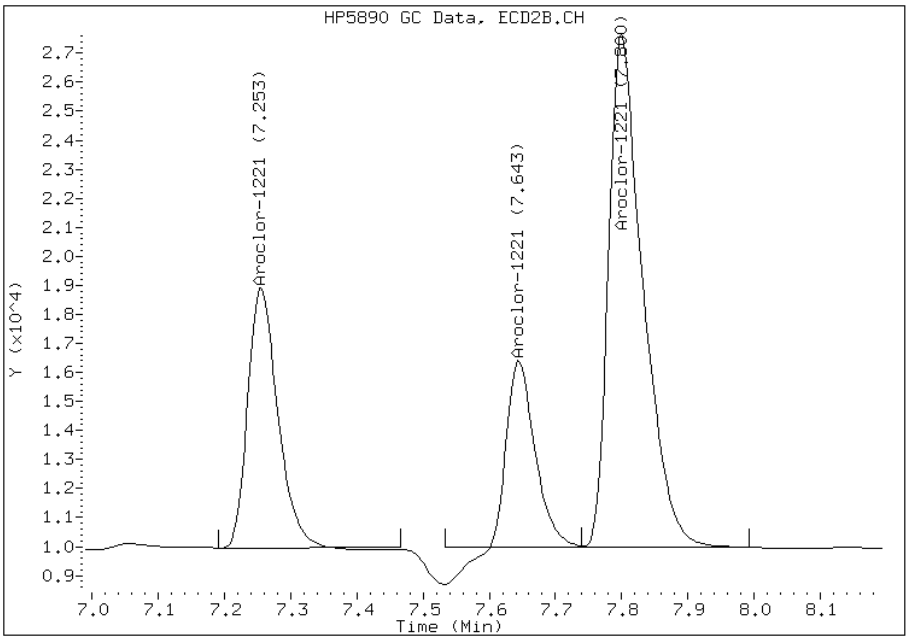
Final Conc		326.40



Manual Integration Results

RT	Response	Conc
7.25	27985*	241.80
7.64	16799*	226.96
7.80	63653*	248.47

Final Conc		239.10



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin	224.1	203.9		268	250	7.1	20.0
PCB-1232 Peak 2	Lin	197.9	173.4		256	250	2.2	20.0
PCB-1232 Peak 3	Lin	166.0	146.0		248	250	-0.8	20.0
PCB-1232 Peak 4	Lin	105.3	92.92		246	250	-1.7	20.0
PCB-1232 Peak 5	Lin	118.5	102.4		240	250	-4.0	20.0
PCB-1262 Peak 1	Lin	389.0	331.1		248	250	-0.8	15.0
PCB-1262 Peak 2	Lin	552.1	447.1		232	250	-7.4	15.0
PCB-1262 Peak 3	Lin	509.0	418.5		239	250	-4.4	15.0
PCB-1262 Peak 4	Lin	949.4	802.5		245	250	-2.1	15.0
PCB-1262 Peak 5	Lin	385.1	315.3		242	250	-3.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	6.91	6.71	7.11
PCB-1232 Peak 2	7.89	7.69	8.09
PCB-1232 Peak 3	9.44	9.24	9.64
PCB-1232 Peak 4	11.51	11.31	11.71
PCB-1232 Peak 5	11.57	11.37	11.77
PCB-1262 Peak 1	13.41	13.21	13.61
PCB-1262 Peak 2	14.97	14.77	15.17
PCB-1262 Peak 3	15.52	15.32	15.72
PCB-1262 Peak 4	16.24	16.04	16.44
PCB-1262 Peak 5	18.29	18.09	18.49

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\039F3901.D
Lab Smp Id: ICV-901331
Inj Date : 20-SEP-2011 08:24
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901331, 3262
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 39 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

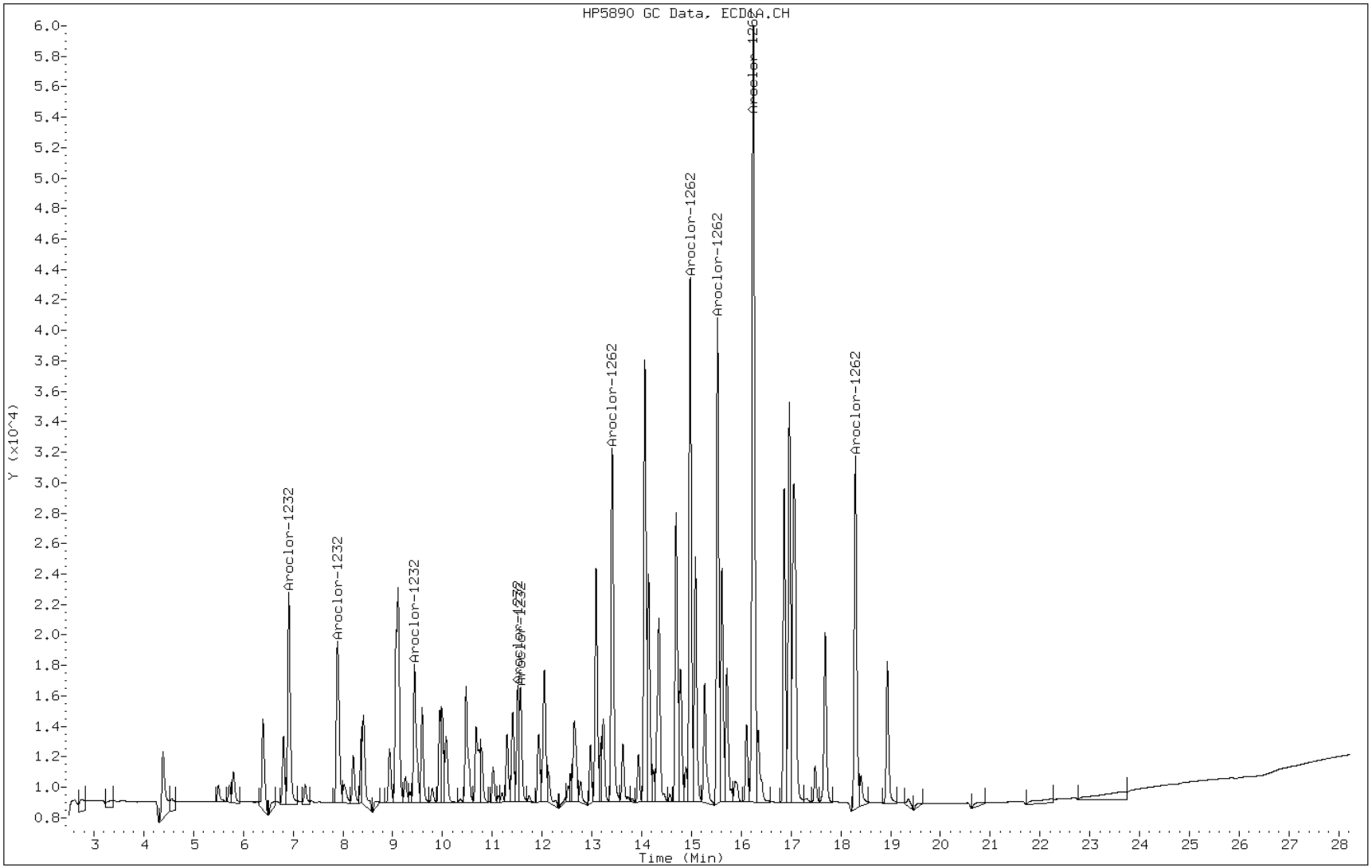
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	50981	250.000	267.7	50.00- 150.00	100.00
7.893	7.893	0.000	43348	250.000	255.6	317.01- 951.03	85.03
9.440	9.440	0.000	36493	250.000	248.0	689.98-2069.93	71.58
11.510	11.510	0.000	23229	250.000	245.8	517.87-1553.61	45.56
11.566	11.566	0.000	25591	250.000	239.9	268.49- 805.46	50.20
Average of Peak Amounts =					251.400		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	82774	250.000	248.1	50.00- 150.00	100.00
14.973	14.973	0.000	111763	250.000	231.5	191.51- 574.53	135.02
15.523	15.523	0.000	104620	250.000	239.0	77.67- 233.02	126.39
16.240	16.243	-0.003	200624	250.000	244.8	80.58- 241.76	242.37
18.293	18.293	0.000	78835	250.000	242.2	46.50- 139.50	95.24
Average of Peak Amounts =					241.120		

Data File: 039F3901.D

Date: 20-SEP-2011 08:24

Client ID: Instrument: GC_W.i

Sample Info: ICV-901331, 3262 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin	307.2	219.5		240	250	-4.1	20.0
PCB-1232 Peak 2	Lin	236.6	196.7		252	250	1.0	20.0
PCB-1232 Peak 3	Lin	389.3	332.3		246	250	-1.7	20.0
PCB-1232 Peak 4	Lin	128.4	112.8		248	250	-0.7	20.0
PCB-1232 Peak 5	Lin	208.6	182.6		251	250	0.3	20.0
PCB-1262 Peak 1	Lin	486.6	391.1		229	250	-8.3	15.0
PCB-1262 Peak 2	Lin	646.4	546.9		247	250	-1.4	15.0
PCB-1262 Peak 3	Lin	584.2	497.2		245	250	-2.1	15.0
PCB-1262 Peak 4	Lin	1060	904.7		245	250	-2.2	15.0
PCB-1262 Peak 5	Lin	786.3	677.7		245	250	-1.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	7.80	7.60	8.00
PCB-1232 Peak 2	8.90	8.70	9.10
PCB-1232 Peak 3	10.06	9.86	10.26
PCB-1232 Peak 4	12.48	12.28	12.68
PCB-1232 Peak 5	12.57	12.37	12.77
PCB-1262 Peak 1	15.05	14.85	15.25
PCB-1262 Peak 2	16.06	15.86	16.26
PCB-1262 Peak 3	16.72	16.52	16.92
PCB-1262 Peak 4	17.31	17.11	17.51
PCB-1262 Peak 5	18.11	17.92	18.32

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\039F3901.D
Lab Smp Id: ICV-901331
Inj Date : 20-SEP-2011 08:24
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901331, 3262
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 10:06 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 39 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

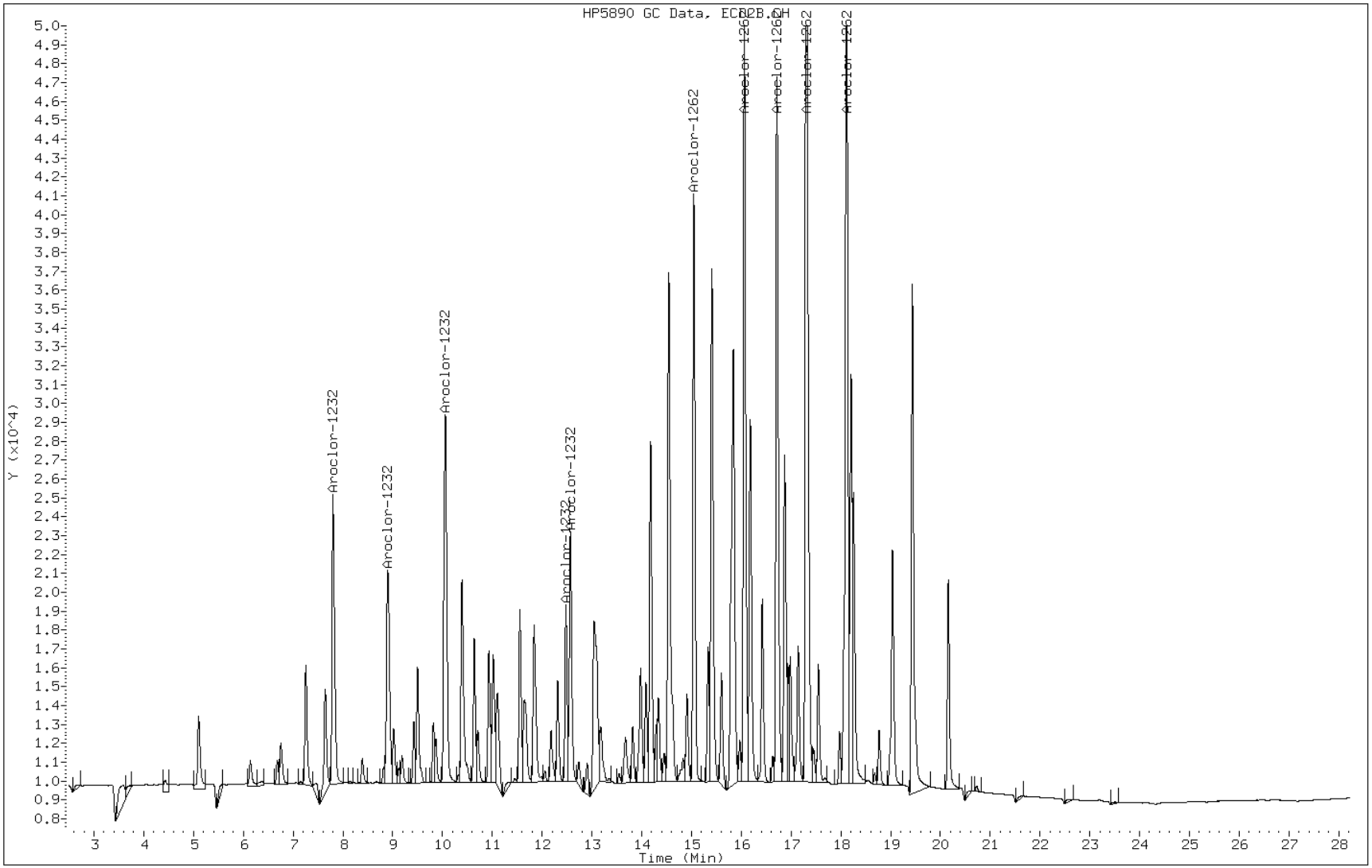
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
7.800	7.800	0.000	54876	250.000	239.7	50.00- 150.00	100.00
8.900	8.900	0.000	49185	250.000	252.4	146.93- 440.80	89.63
10.060	10.060	0.000	83079	250.000	245.8	129.59- 388.77	151.39
12.476	12.480	-0.004	28204	250.000	248.3	200.98- 602.93	51.40
12.570	12.570	0.000	45661	250.000	250.8	70.81- 212.44	83.21
Average of Peak Amounts =					247.400		
9 Aroclor-1262					CAS #:		
15.046	15.050	-0.004	97769	250.000	229.2	50.00- 150.00	100.00
16.063	16.063	0.000	136718	250.000	246.5	56.72- 170.15	139.84
16.716	16.716	0.000	124309	250.000	244.7	69.30- 207.91	127.15
17.306	17.306	0.000	226187	250.000	244.6	62.45- 187.35	231.35
18.113	18.116	-0.003	169421	250.000	245.3	110.80- 332.41	173.29
Average of Peak Amounts =					242.060		

Data File: 039F3901.D

Date: 20-SEP-2011 08:24

Client ID: Instrument: GC_W.i

Sample Info: ICV-901331, 3262 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin	331.3	296.0		270	250	8.1	20.0
PCB-1242 Peak 2	Lin	281.7	259.6		262	250	4.9	20.0
PCB-1242 Peak 3	Lin	301.6	290.1		265	250	6.1	20.0
PCB-1242 Peak 4	Lin	216.4	200.4		260	250	4.0	20.0
PCB-1242 Peak 5	Lin	254.2	241.3		264	250	5.6	20.0
PCB-1268 Peak 1	Lin	285.4	252.0		253	250	1.2	15.0
PCB-1268 Peak 2	Lin	395.7	347.2		262	250	4.8	15.0
PCB-1268 Peak 3	Lin	1051	951.2		266	250	6.4	15.0
PCB-1268 Peak 4	Lin	1100	1006		264	250	5.5	15.0
PCB-1268 Peak 5	Lin	826.8	752.5		262	250	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	7.89	7.69	8.09
PCB-1242 Peak 2	9.44	9.24	9.64
PCB-1242 Peak 3	10.47	10.27	10.67
PCB-1242 Peak 4	11.51	11.31	11.71
PCB-1242 Peak 5	11.56	11.37	11.77
PCB-1268 Peak 1	14.97	14.78	15.18
PCB-1268 Peak 2	15.52	15.32	15.72
PCB-1268 Peak 3	16.96	16.77	17.17
PCB-1268 Peak 4	17.05	16.85	17.25
PCB-1268 Peak 5	17.48	17.28	17.68

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\040F4001.D
Lab Smp Id: ICV-901401
Inj Date : 20-SEP-2011 08:56
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901401, 4268
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

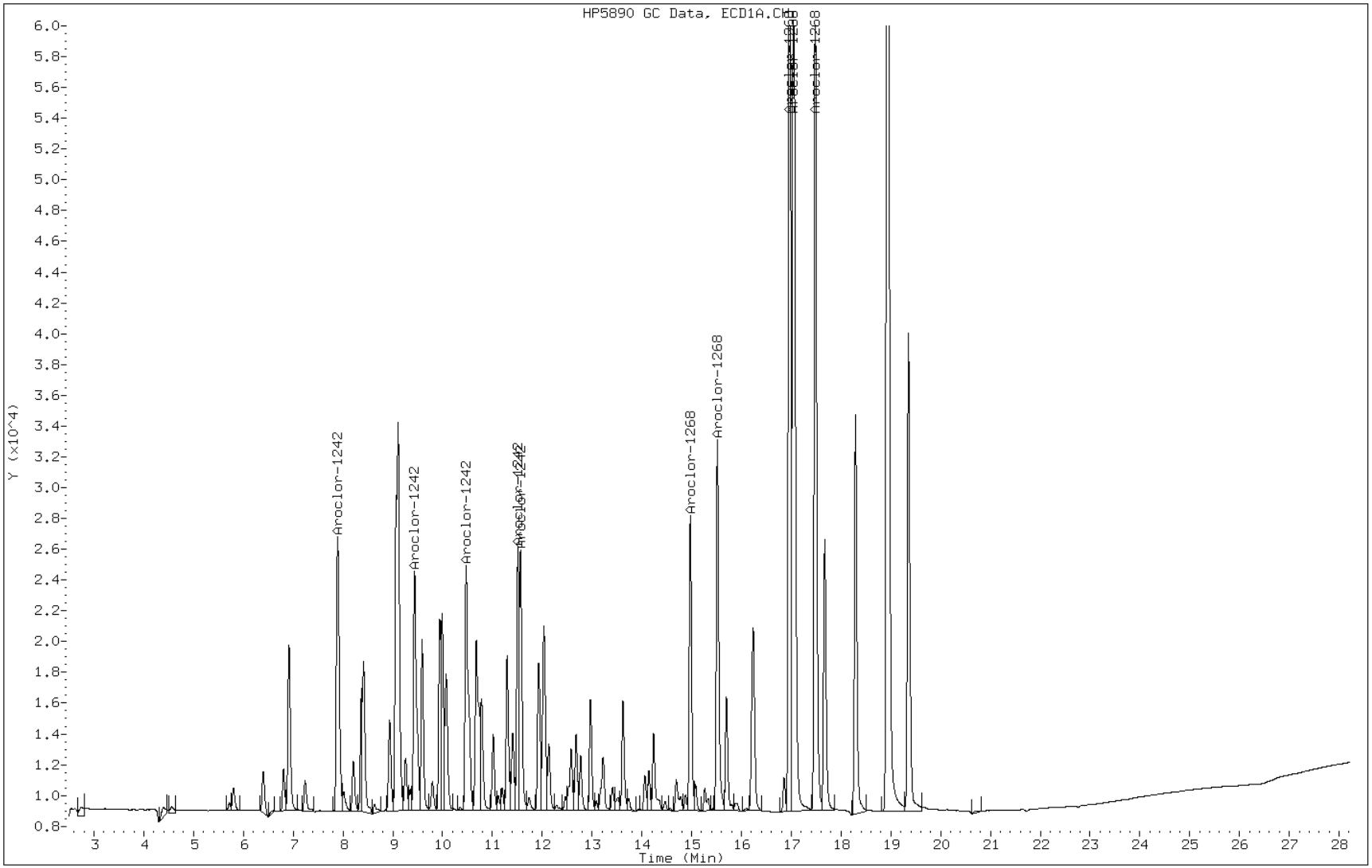
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	74002	250.000	270.3	50.00- 150.00	100.00
9.436	9.436	0.000	64897	250.000	262.3	108.83- 326.48	87.70
10.473	10.473	0.000	72521	250.000	265.4	83.74- 251.22	98.00
11.510	11.510	0.000	50095	250.000	260.0	35.48- 106.46	67.69
11.563	11.566	-0.003	60320	250.000	264.0	3.33- 9.98	81.51
		Average of Peak Amounts =			264.400		
8 Aroclor-1268					CAS #:		
14.973	14.976	-0.003	62990	250.000	252.9	50.00- 150.00	100.00
15.516	15.520	-0.004	86788	250.000	262.1	50.00- 150.00	137.78
16.963	16.966	-0.003	237806	250.000	266.0	31.30- 93.90	377.53
17.046	17.050	-0.004	251612	250.000	263.8	2.81- 8.43	399.45
17.483	17.483	0.000	188116	250.000	262.1	24.39- 73.17	298.65
		Average of Peak Amounts =			261.380		

Data File: 040F4001.D

Date: 20-SEP-2011 08:56

Client ID: Instrument: GC_W.i

Sample Info: ICV-901401, 4268 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin	365.2	325.5		271	250	8.4	20.0
PCB-1242 Peak 2	Lin	644.6	590.0		265	250	5.9	20.0
PCB-1242 Peak 3	Lin	316.2	294.9		263	250	5.0	20.0
PCB-1242 Peak 4	Lin	324.6	303.6		263	250	5.3	20.0
PCB-1242 Peak 5	Lin	336.7	317.3		262	250	4.8	20.0
PCB-1268 Peak 1	Lin	340.6	308.5		260	250	4.1	15.0
PCB-1268 Peak 2	Lin	444.4	398.4		263	250	5.1	15.0
PCB-1268 Peak 3	Lin	1246	1124		266	250	6.3	15.0
PCB-1268 Peak 4	Lin	1235	1151		267	250	6.8	15.0
PCB-1268 Peak 5	Lin	973.4	884.2		261	250	4.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	8.90	8.70	9.10
PCB-1242 Peak 2	10.06	9.86	10.26
PCB-1242 Peak 3	11.84	11.64	12.04
PCB-1242 Peak 4	12.57	12.37	12.77
PCB-1242 Peak 5	13.09	12.90	13.30
PCB-1268 Peak 1	16.06	15.86	16.26
PCB-1268 Peak 2	16.72	16.52	16.92
PCB-1268 Peak 3	18.11	17.91	18.31
PCB-1268 Peak 4	18.21	18.01	18.41
PCB-1268 Peak 5	18.77	18.57	18.97

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\040F4001.D
Lab Smp Id: ICV-901401
Inj Date : 20-SEP-2011 08:56
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901401, 4268
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 10:06 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

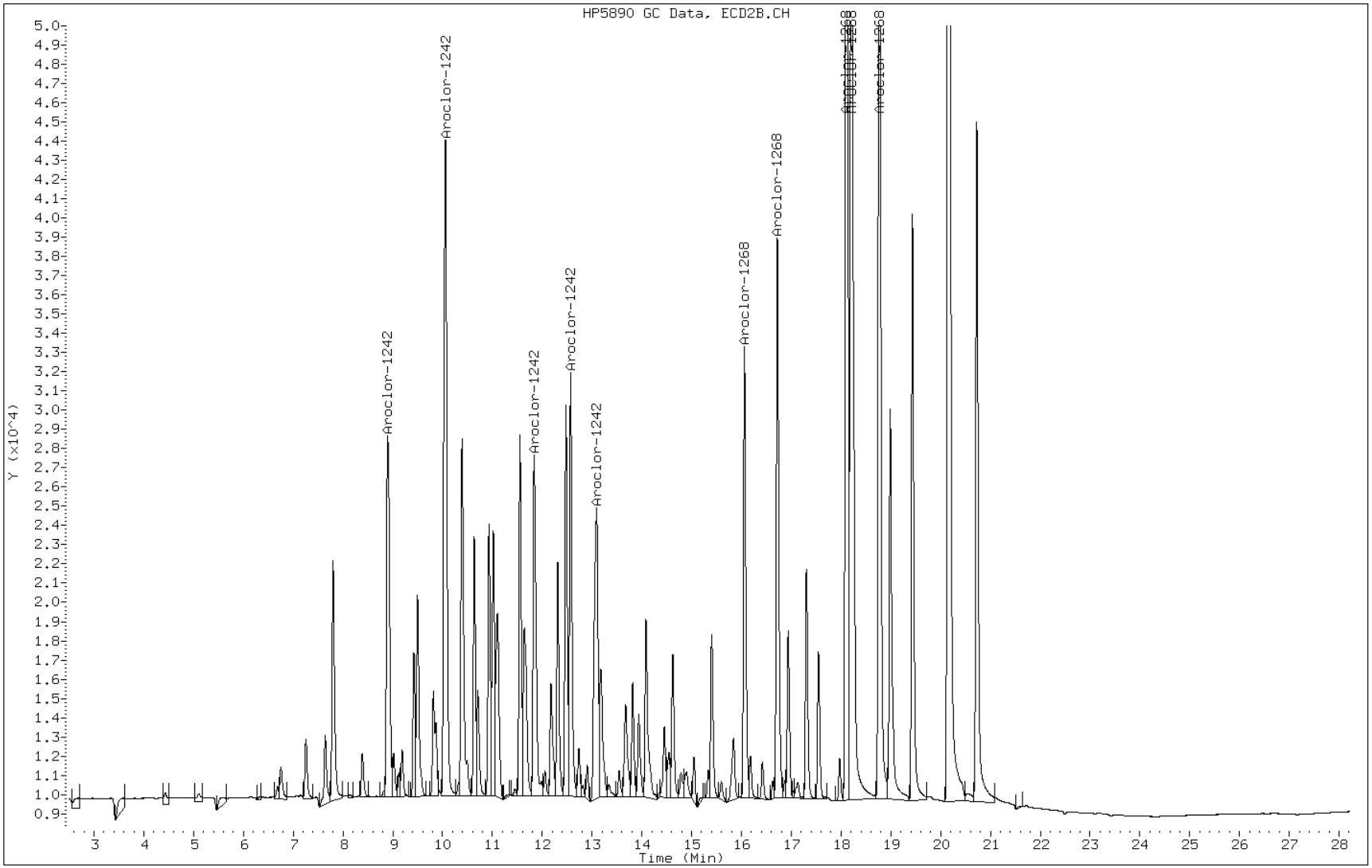
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
8.896	8.900	-0.004	81383	250.000	271.0	50.00- 150.00	100.00
10.060	10.060	0.000	147509	250.000	264.8	100.64- 301.91	181.25
11.836	11.840	-0.004	73715	250.000	262.5	160.51- 481.52	90.58
12.570	12.573	-0.003	75892	250.000	263.2	57.95- 173.85	93.25
13.093	13.096	-0.003	79321	250.000	262.0	66.73- 200.18	97.47
Average of Peak Amounts =					264.700		
8 Aroclor-1268					CAS #:		
16.060	16.063	-0.003	77126	250.000	260.1	50.00- 150.00	100.00
16.720	16.723	-0.003	99609	250.000	262.8	61.87- 185.61	129.15
18.106	18.110	-0.004	280895	250.000	265.8	183.37- 550.10	364.20
18.206	18.206	0.000	287643	250.000	267.0	168.76- 506.28	372.95
18.766	18.770	-0.004	221040	250.000	261.3	131.03- 393.10	286.60
Average of Peak Amounts =					263.400		

Data File: 040F4001.D

Date: 20-SEP-2011 08:56

Client ID: Instrument: GC_W.i

Sample Info: ICV-901401, 4268 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	176.4		244	250	-2.4	20.0
PCB-1016 Peak 2	Lin	430.1	352.9		253	250	1.2	20.0
PCB-1016 Peak 3	Lin	369.6	301.2		242	250	-3.3	20.0
PCB-1016 Peak 4	Lin	355.5	246.9		192	250	-23.3*	20.0
PCB-1016 Peak 5	Lin	253.3	243.4		308	250	23.0*	20.0
PCB-1260 Peak 1	Lin	445.1	397.3		246	250	-1.6	20.0
PCB-1260 Peak 2	Lin	861.6	668.1		251	250	0.4	20.0
PCB-1260 Peak 3	Lin	831.5	636.7		232	250	-7.3	20.0
PCB-1260 Peak 4	Lin	831.9	623.9		229	250	-8.4	20.0
PCB-1260 Peak 5	Lin	432.5	259.7		165	250	-33.9*	20.0
Tetrachloro-m-xylene	Lin	8879	7816		12.1	12.5	-2.9	20.0
DCB Decachlorobiphenyl	Lin	8164	6569		11.4	12.5	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.93	6.71	7.11
PCB-1016 Peak 2	7.91	7.69	8.09
PCB-1016 Peak 3	9.45	9.24	9.64
PCB-1016 Peak 4	10.48	10.27	10.67
PCB-1016 Peak 5	12.06	11.85	12.25
PCB-1260 Peak 1	13.41	13.21	13.61
PCB-1260 Peak 2	14.07	13.86	14.26
PCB-1260 Peak 3	14.70	14.49	14.89
PCB-1260 Peak 4	16.25	16.04	16.44
PCB-1260 Peak 5	16.87	16.66	17.06
Tetrachloro-m-xylene	5.81	5.59	5.99
DCB Decachlorobiphenyl	19.36	19.16	19.56

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\041F4101.D
Lab Smp Id: ICV-901145
Inj Date : 20-SEP-2011 09:32
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901145, 1660
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 41 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

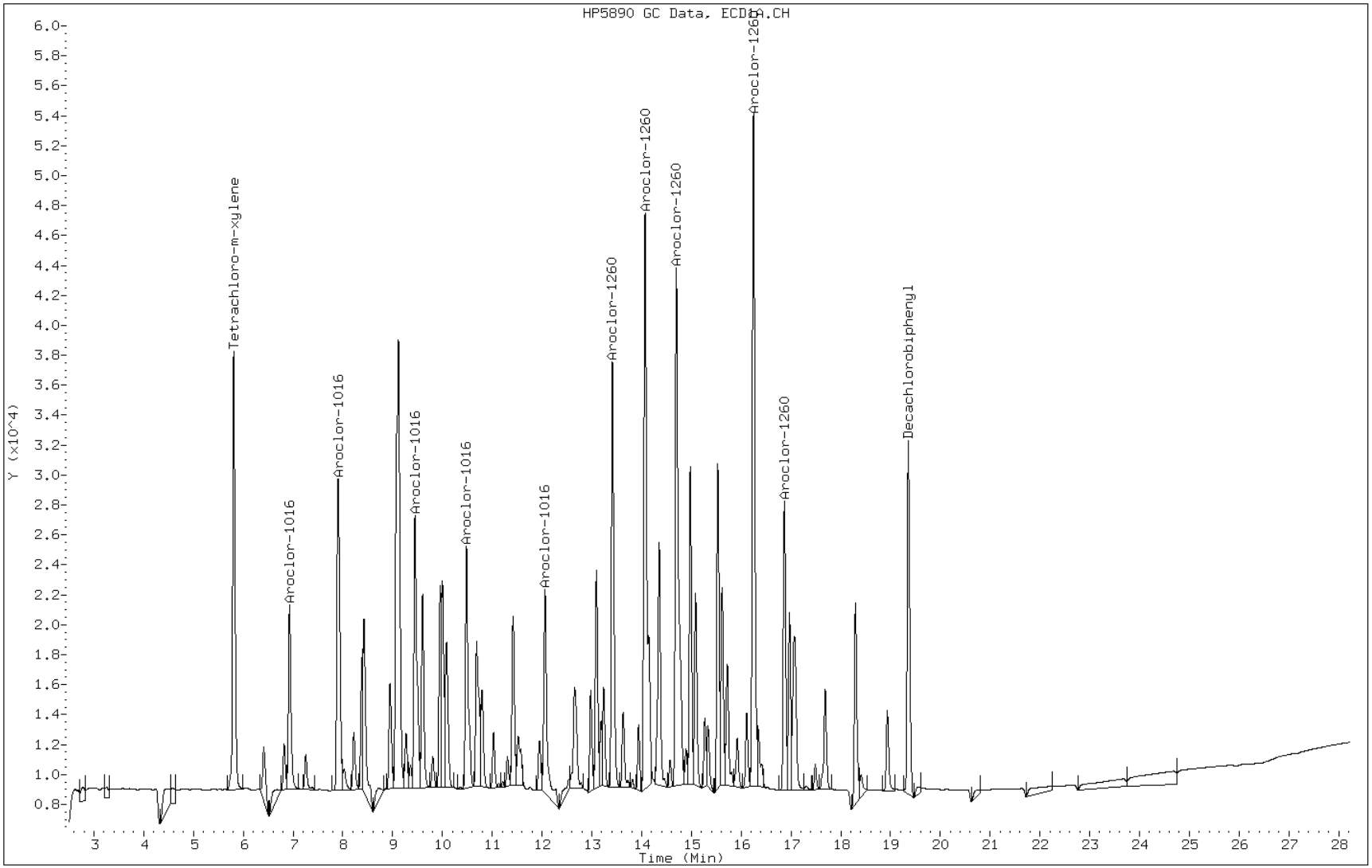
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.926	6.913	0.013	44088	250.000	244.0	50.00- 150.00	100.00
7.906	7.890	0.016	88229	250.000	252.9	38.38- 115.14	200.12
9.446	9.436	0.010	75293	250.000	241.8	21.89- 65.67	170.78
10.483	10.473	0.010	61718	250.000	191.8	19.98- 59.94	139.99
12.060	12.050	0.010	60838	250.000	307.5	19.98- 59.94	137.99
Average of Peak Amounts =					247.600		
7 Aroclor-1260					CAS #: 11096-82-5		
13.413	13.406	0.007	99326	250.000	246.1	50.00- 150.00	100.00
14.070	14.063	0.007	167023	250.000	251.1	79.28- 237.84	168.16
14.696	14.693	0.003	159170	250.000	231.9	38.87- 116.60	160.25
16.246	16.243	0.003	155972	250.000	229.0	40.33- 120.99	157.03
16.866	16.863	0.003	64923	250.000	165.3	22.45- 67.34	65.36
Average of Peak Amounts =					224.680		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.806	5.793	0.013	97706	12.5000	12.14		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	82115	12.5000	11.39		

Data File: 041F4101.D

Date: 20-SEP-2011 09:32

Client ID: Instrument: GC_W.i

Sample Info: ICV-901145, 1660 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	470.0	398.2		265	250	6.0	20.0
PCB-1016 Peak 2	Lin	858.7	707.2		247	250	-1.1	20.0
PCB-1016 Peak 3	Lin	335.4	275.0		242	250	-3.1	20.0
PCB-1016 Peak 4	Lin	260.1	207.0		244	250	-2.5	20.0
PCB-1016 Peak 5	Lin	275.3	226.2		257	250	2.7	20.0
PCB-1260 Peak 1	Lin	636.6	492.0		244	250	-2.5	20.0
PCB-1260 Peak 2	Lin	681.0	501.3		229	250	-8.4	20.0
PCB-1260 Peak 3	Lin	476.0	357.7		240	250	-3.8	20.0
PCB-1260 Peak 4	Lin	470.2	363.9		239	250	-4.5	20.0
PCB-1260 Peak 5	Lin	960.0	736.4		234	250	-6.3	20.0
Tetrachloro-m-xylene	Lin	9599	8626		12.7	12.5	1.3	20.0
DCB Decachlorobiphenyl	Lin	9436	8956		13.8	12.5	10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	8.90	8.70	9.10
PCB-1016 Peak 2	10.06	9.86	10.26
PCB-1016 Peak 3	11.84	11.64	12.04
PCB-1016 Peak 4	12.56	12.36	12.76
PCB-1016 Peak 5	13.04	12.84	13.24
PCB-1260 Peak 1	14.54	14.34	14.74
PCB-1260 Peak 2	15.05	14.85	15.25
PCB-1260 Peak 3	16.06	15.86	16.26
PCB-1260 Peak 4	16.72	16.52	16.92
PCB-1260 Peak 5	17.31	17.11	17.51
Tetrachloro-m-xylene	6.31	6.11	6.51
DCB Decachlorobiphenyl	20.73	20.53	20.93

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\041F4101.D
Lab Smp Id: ICV-901145
Inj Date : 20-SEP-2011 09:32
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901145, 1660
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I2.B\8082W-2.m
Meth Date : 20-Sep-2011 10:06 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 41 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

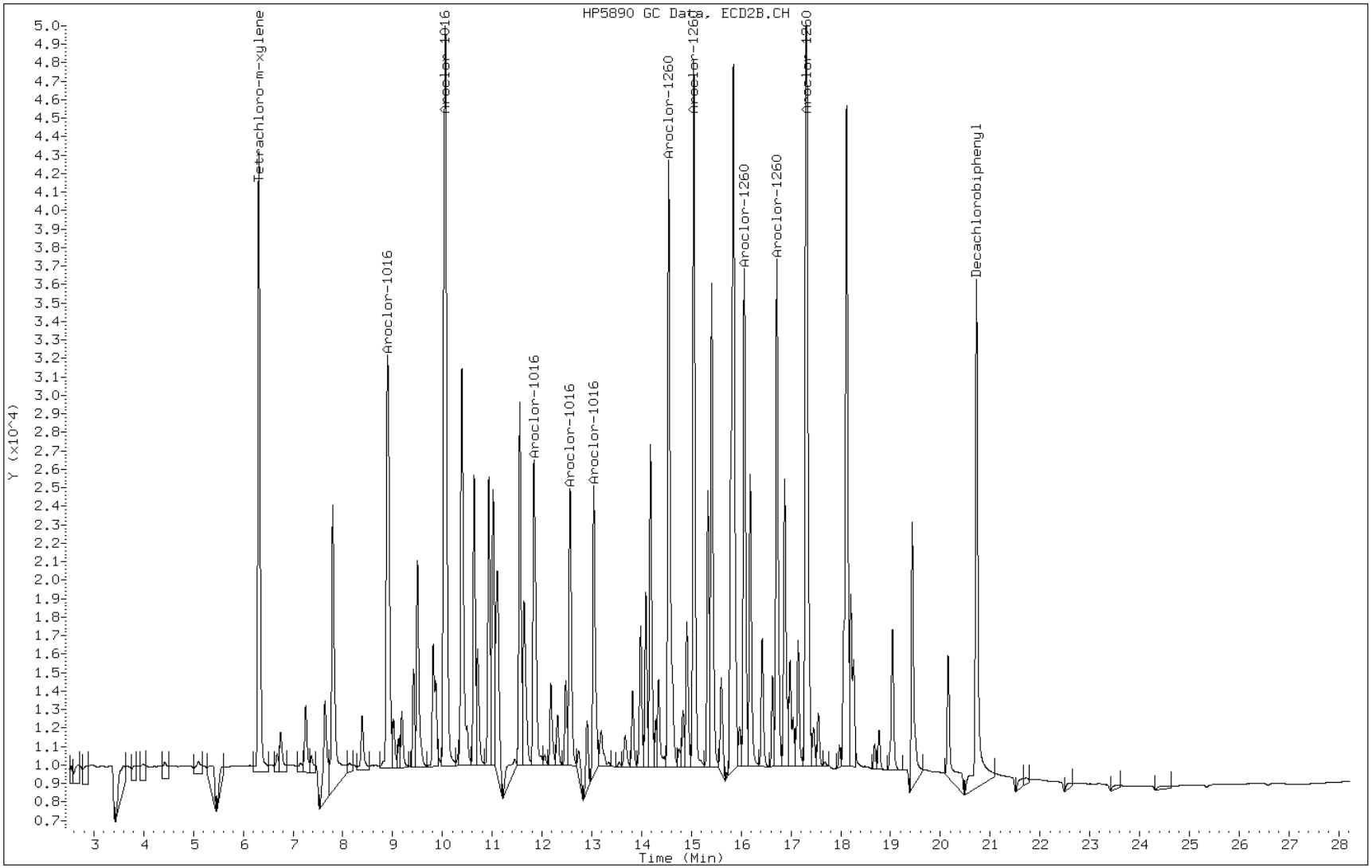
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.896	8.900	-0.004	99544	250.000	265.0	50.00- 150.00	100.00
10.056	10.060	-0.004	176804	250.000	247.2	96.02- 288.05	177.61
11.836	11.840	-0.004	68746	250.000	242.2	157.72- 473.17	69.06
12.563	12.563	0.000	51747	250.000	243.9	64.46- 193.39	51.98
13.040	13.040	0.000	56550	250.000	256.7	63.32- 189.95	56.81
		Average of Peak Amounts =			251.000		
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.543	0.000	122990	250.000	243.8	50.00- 150.00	100.00
15.046	15.046	0.000	125328	250.000	229.1	54.39- 163.17	101.90
16.063	16.063	0.000	89428	250.000	240.4	32.96- 98.87	72.71
16.716	16.716	0.000	90987	250.000	238.7	65.36- 196.07	73.98
17.306	17.306	0.000	184101	250.000	234.1	16.03- 48.08	149.69
		Average of Peak Amounts =			237.220		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.310	6.313	-0.003	107831	12.5000	12.67		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.726	20.726	0.000	111951	12.5000	13.77		

Data File: 041F4101.D

Date: 20-SEP-2011 09:32

Client ID: Instrument: GC_W.i

Sample Info: ICV-901145, 1660 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	179.5		547	500	9.4	20.0
PCB-1016 Peak 2	Lin	430.1	344.9		558	500	11.6	20.0
PCB-1016 Peak 3	Lin	369.6	306.7		549	500	9.7	20.0
PCB-1016 Peak 4	Lin	355.5	285.8		508	500	1.5	20.0
PCB-1016 Peak 5	Lin	253.3	215.0		585	500	17.0	20.0
PCB-1260 Peak 1	Lin	445.1	400.2		542	500	8.5	20.0
PCB-1260 Peak 2	Lin	861.6	666.8		554	500	10.8	20.0
PCB-1260 Peak 3	Lin	831.5	661.5		536	500	7.3	20.0
PCB-1260 Peak 4	Lin	831.9	652.5		533	500	6.6	20.0
PCB-1260 Peak 5	Lin	432.5	333.7		501	500	0.1	20.0
Tetrachloro-m-xylene	Lin	8879	8190		27.3	25.0	9.2	20.0
DCB Decachlorobiphenyl	Lin	8164	6996		26.6	25.0	6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\003F0301.D
Lab Smp Id: CCVRT-982679kk
Inj Date : 20-SEP-2011 11:26
Operator : JAX Inst ID: GC_W.i
Smp Info : CCVRT-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.910	6.910	0.000	89772	500.000	547.1	50.00-	150.00	100.00
7.886	7.886	0.000	172441	500.000	557.8	38.38-	115.14	192.09
9.433	9.433	0.000	153342	500.000	548.5	21.89-	65.67	170.81
10.466	10.466	0.000	142889	500.000	507.7	19.98-	59.94	159.17
12.046	12.046	0.000	107493	500.000	584.9	19.98-	59.94	119.74
Average of Peak Amounts =					549.200			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.403	13.403	0.000	200093	500.000	542.5	50.00-	150.00	100.00
14.056	14.056	0.000	333412	500.000	553.8	79.28-	237.84	166.63
14.686	14.686	0.000	330753	500.000	536.3	38.87-	116.60	165.30

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.236	16.236	0.000	326272	500.000	533.0	40.33- 120.99	163.06
16.856	16.856	0.000	166861	500.000	500.6	22.45- 67.34	83.39
		Average of Peak Amounts =			533.240		

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8 Aroclor-1268 CAS #:

Compound Not Detected

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9 Aroclor-1262 CAS #:

Compound Not Detected

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.790	5.790	0.000	204748	25.0000	27.30

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

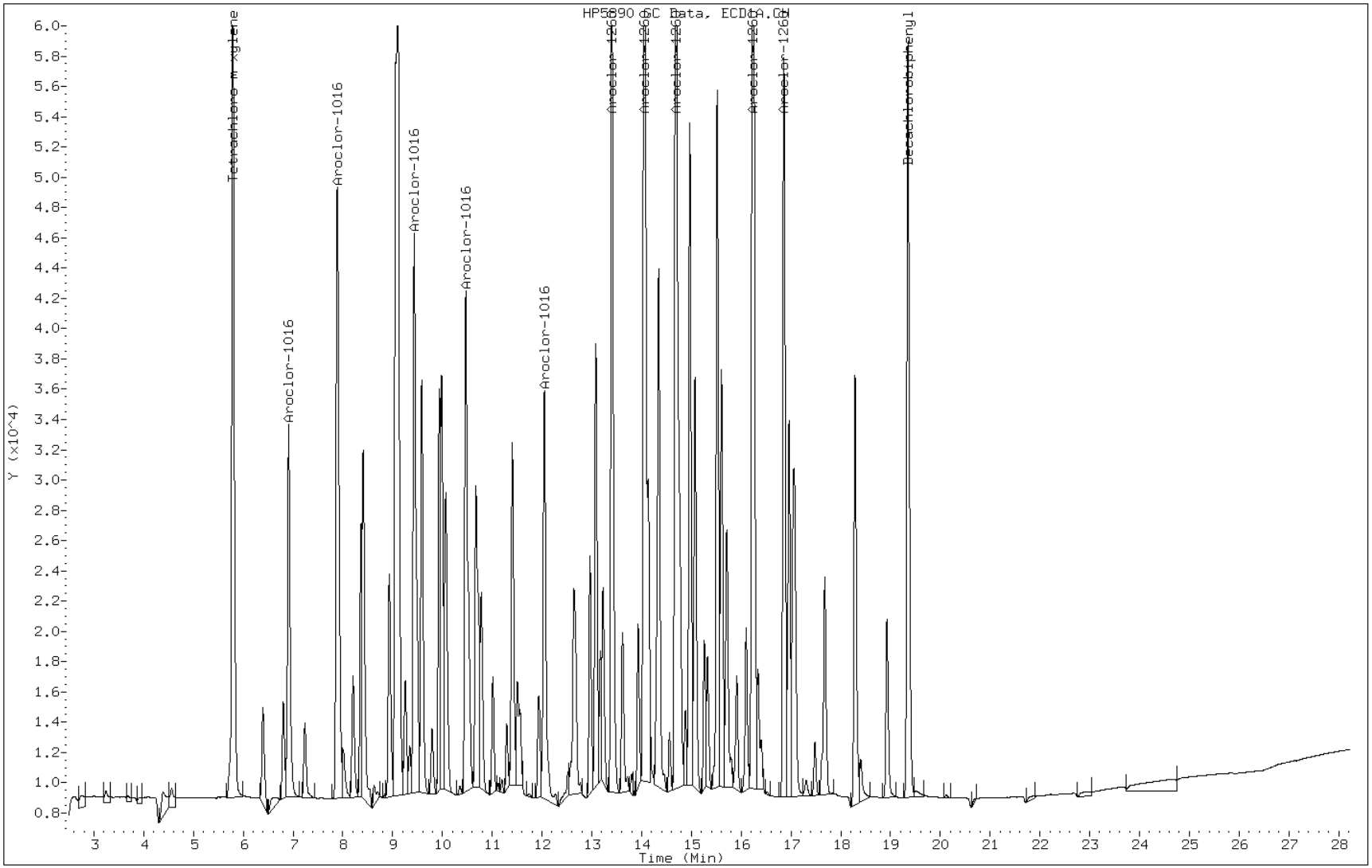
19.350	19.350	0.000	174912	25.0000	26.58

Data File: 003F0301.D

Date: 20-SEP-2011 11:26

Client ID: Instrument: GC_W.i

Sample Info: CCVRT-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	470.0	373.9		559	500	11.9	20.0
PCB-1016 Peak 2	Lin	858.7	703.8		548	500	9.6	20.0
PCB-1016 Peak 3	Lin	335.4	282.9		549	500	9.8	20.0
PCB-1016 Peak 4	Lin	260.1	209.3		549	500	9.7	20.0
PCB-1016 Peak 5	Lin	275.3	216.4		542	500	8.5	20.0
PCB-1260 Peak 1	Lin	636.6	491.0		547	500	9.3	20.0
PCB-1260 Peak 2	Lin	681.0	529.5		552	500	10.4	20.0
PCB-1260 Peak 3	Lin	476.0	363.6		546	500	9.2	20.0
PCB-1260 Peak 4	Lin	470.2	378.0		547	500	9.4	20.0
PCB-1260 Peak 5	Lin	960.0	770.1		543	500	8.7	20.0
Tetrachloro-m-xylene	Lin	9599	8634		27.1	25.0	8.4	20.0
DCB Decachlorobiphenyl	Lin	9436	8037		26.4	25.0	5.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	8.89	8.69	9.09
PCB-1016 Peak 2	10.05	9.85	10.25
PCB-1016 Peak 3	11.83	11.63	12.03
PCB-1016 Peak 4	12.56	12.36	12.76
PCB-1016 Peak 5	13.03	12.83	13.23
PCB-1260 Peak 1	14.54	14.34	14.74
PCB-1260 Peak 2	15.04	14.84	15.24
PCB-1260 Peak 3	16.06	15.86	16.26
PCB-1260 Peak 4	16.71	16.51	16.91
PCB-1260 Peak 5	17.30	17.10	17.50
Tetrachloro-m-xylene	6.31	6.11	6.51
DCB Decachlorobiphenyl	20.72	20.52	20.92

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\003F0301.D
Lab Smp Id: CCVRT-982679kk
Inj Date : 20-SEP-2011 11:26
Operator : JAX Inst ID: GC_W.i
Smp Info : CCVRT-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.893	8.893	0.000	186967	500.000	559.4	50.00- 150.00	100.00
10.053	10.053	0.000	351902	500.000	547.8	96.02- 288.05	188.22
11.833	11.833	0.000	141426	500.000	549.0	157.72- 473.17	75.64
12.556	12.556	0.000	104627	500.000	548.5	64.46- 193.39	55.96
13.033	13.033	0.000	108180	500.000	542.2	63.32- 189.95	57.86
Average of Peak Amounts =					549.380		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
14.540	14.540	0.000	245478	500.000	546.7	50.00- 150.00	100.00
15.043	15.043	0.000	264767	500.000	551.9	54.39- 163.17	107.86
16.056	16.056	0.000	181784	500.000	546.1	32.96- 98.87	74.05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.710	16.710	0.000	189005	500.000	547.2	65.36- 196.07	76.99
17.300	17.300	0.000	385040	500.000	543.4	16.03- 48.08	156.85
	Average of Peak Amounts =				547.060		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
6.310	6.310	0.000	215842	25.0000	27.11		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
20.723	20.723	0.000	200916	25.0000	26.39		(M)

QC Flag Legend

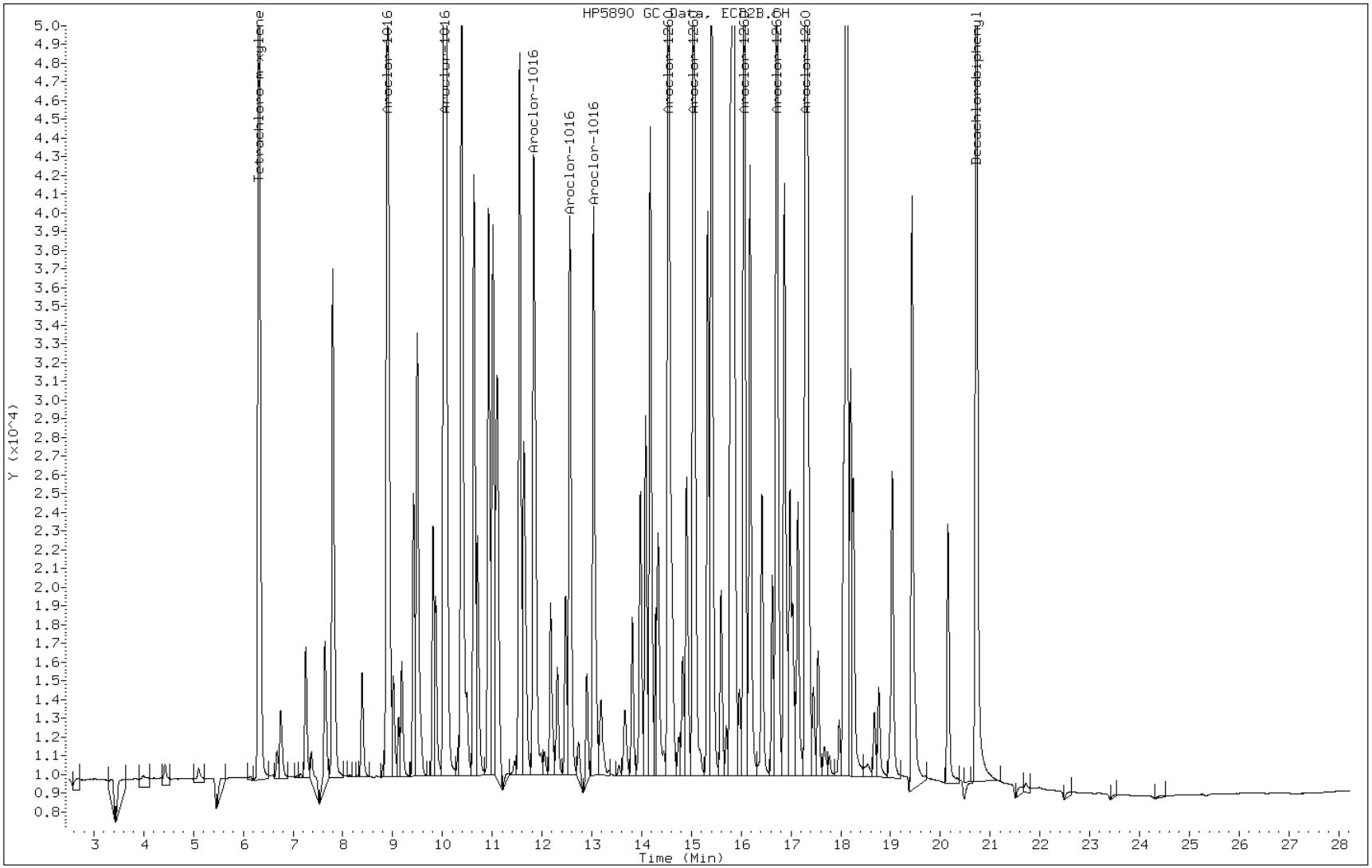
M - Compound response manually integrated.

Data File: 003F0301.D

Date: 20-SEP-2011 11:26

Client ID: Instrument: GC_W.i

Sample Info: CCVRT-982679 Operator: JAX



Manual Integration Report

Data File: 003F0301.D
Inj. Date and Time: 20-SEP-2011 11:26
Instrument ID: GC_W.i
Client ID:
Compound: 13 Decachlorobiphenyl
CAS #: 2051-24-3
Report Date: 09/22/2011

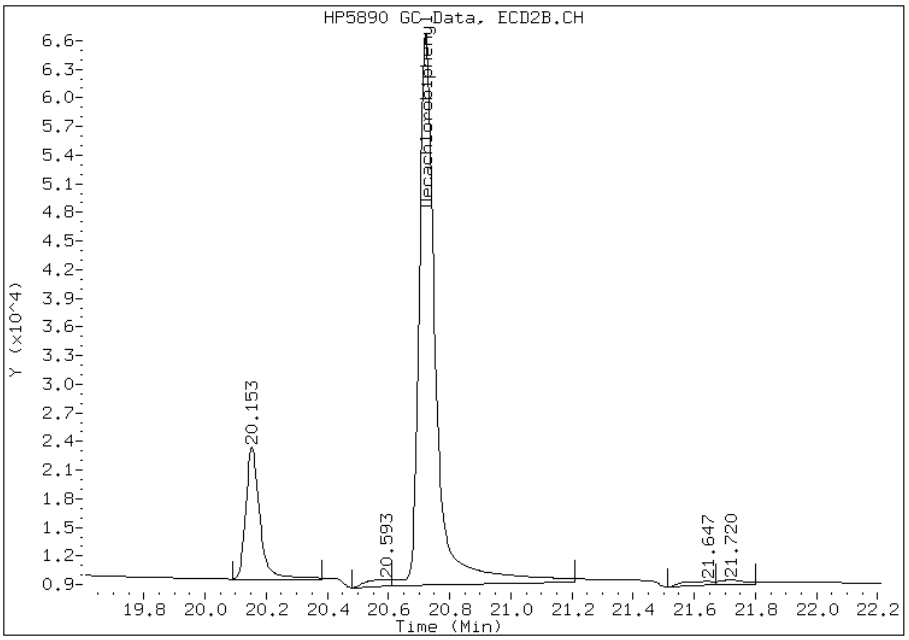
Processing Integration Results

RT: 20.72

Response: 221292

Amount: 29.28

Conc: 29.28



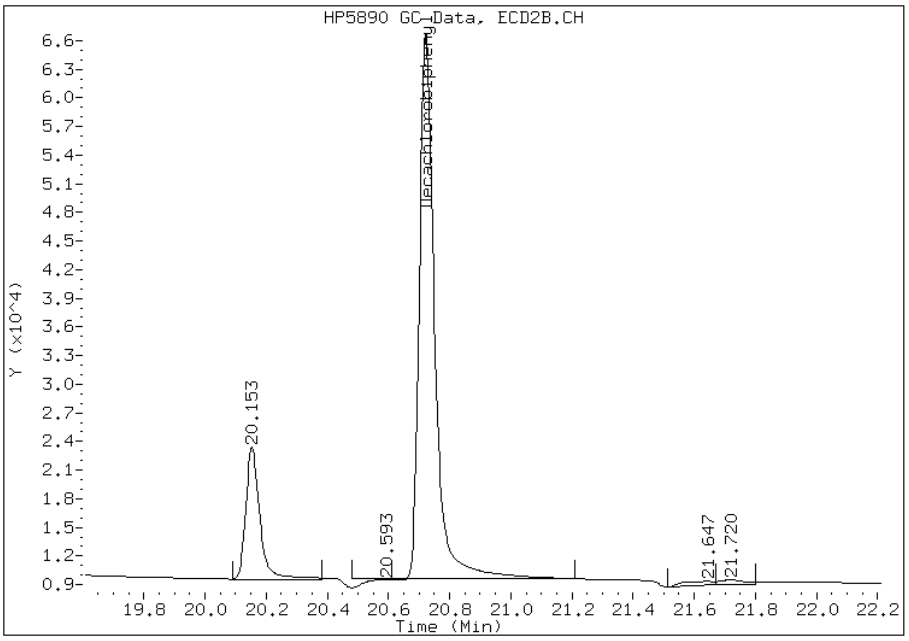
Manual Integration Results

RT: 20.72

Response: 200916

Amount: 26.39

Conc: 26.39



Manually Integrated By: jacksonto
Manual Integration Reason: Baseline Event

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	163.7		494	500	-1.1	20.0
PCB-1016 Peak 2	Lin	430.1	316.8		507	500	1.4	20.0
PCB-1016 Peak 3	Lin	369.6	285.0		506	500	1.2	20.0
PCB-1016 Peak 4	Lin	355.5	279.7		496	500	-0.8	20.0
PCB-1016 Peak 5	Lin	253.3	191.6		515	500	3.1	20.0
PCB-1260 Peak 1	Lin	445.1	373.2		503	500	0.5	20.0
PCB-1260 Peak 2	Lin	861.6	631.1		521	500	4.3	20.0
PCB-1260 Peak 3	Lin	831.5	620.5		500	500	-0.0	20.0
PCB-1260 Peak 4	Lin	831.9	614.0		499	500	-0.3	20.0
PCB-1260 Peak 5	Lin	432.5	330.1		495	500	-1.1	20.0
Tetrachloro-m-xylene	Lin	8879	7490		24.8	25.0	-0.7	20.0
DCB Decachlorobiphenyl	Lin	8164	6532		24.7	25.0	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\060F6001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 17:39
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 60 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.910	6.910	0.000	81826	500.000	494.4	50.00-	150.00	100.00
7.886	7.886	0.000	158394	500.000	506.9	38.38-	115.14	193.57
9.430	9.433	-0.003	142477	500.000	505.8	21.89-	65.67	174.12
10.466	10.466	0.000	139862	500.000	495.9	19.98-	59.94	170.93
12.046	12.046	0.000	95781	500.000	515.3	19.98-	59.94	117.05
Average of Peak Amounts =					503.660			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.403	13.403	0.000	186583	500.000	502.7	50.00-	150.00	100.00
14.056	14.056	0.000	315554	500.000	521.3	79.28-	237.84	169.12
14.686	14.686	0.000	310272	500.000	499.9	38.87-	116.60	166.29

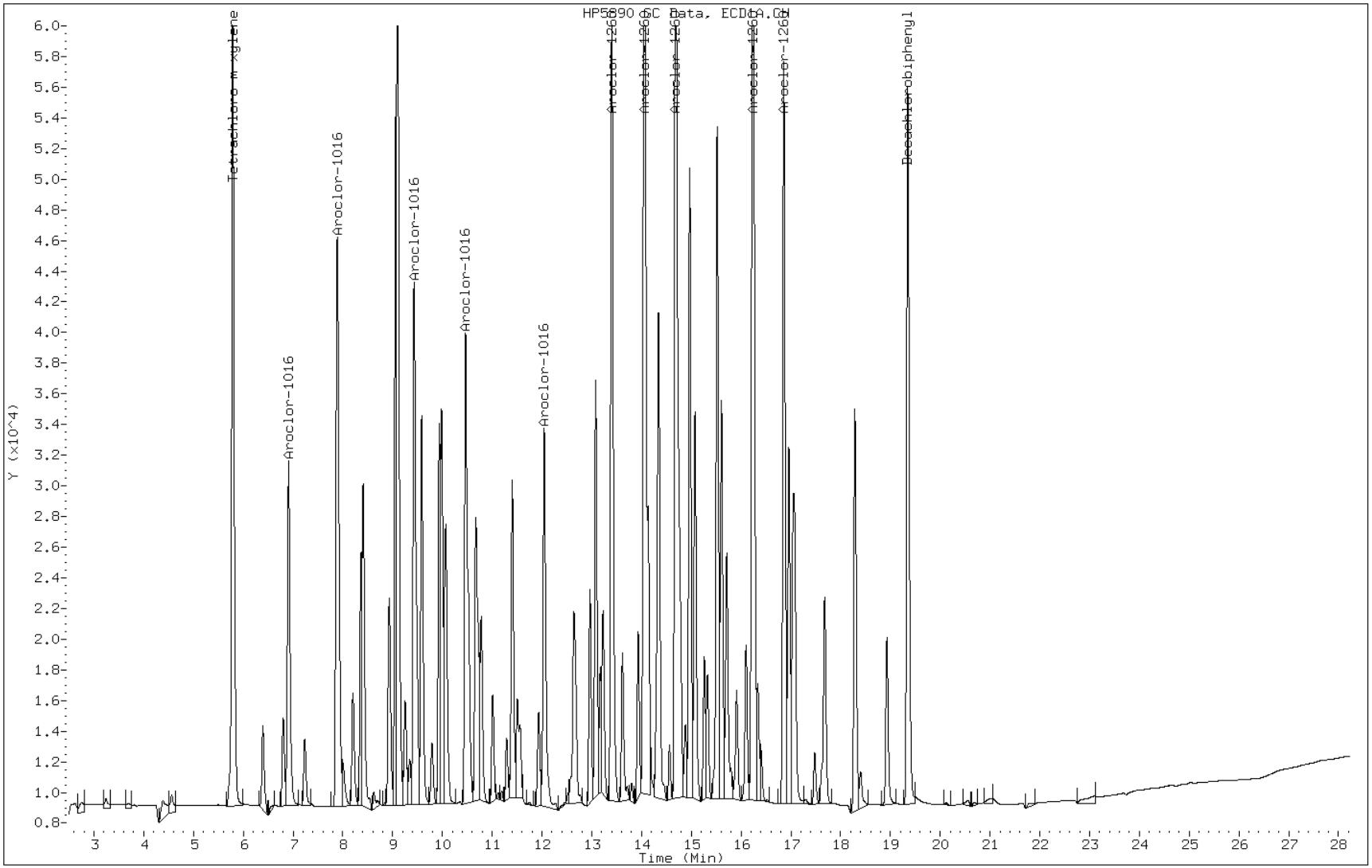
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.236	16.236	0.000	307021	500.000	498.7	40.33- 120.99	164.55
16.856	16.856	0.000	165047	500.000	494.6	22.45- 67.34	88.46
	Average of Peak Amounts =				503.440		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
5.790	5.790	0.000	187250	25.0000	24.82		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
19.350	19.350	0.000	163306	25.0000	24.68		

Data File: 060F6001.D

Date: 21-SEP-2011 17:39

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	470.0	338.0		499	500	-0.2	20.0
PCB-1016 Peak 2	Lin	858.7	639.8		493	500	-1.4	20.0
PCB-1016 Peak 3	Lin	335.4	247.8		475	500	-5.0	20.0
PCB-1016 Peak 4	Lin	260.1	186.4		483	500	-3.5	20.0
PCB-1016 Peak 5	Lin	275.3	198.2		492	500	-1.6	20.0
PCB-1260 Peak 1	Lin	636.6	447.5		493	500	-1.4	20.0
PCB-1260 Peak 2	Lin	681.0	471.5		485	500	-3.0	20.0
PCB-1260 Peak 3	Lin	476.0	334.0		497	500	-0.6	20.0
PCB-1260 Peak 4	Lin	470.2	340.9		489	500	-2.2	20.0
PCB-1260 Peak 5	Lin	960.0	712.6		499	500	-0.2	20.0
Tetrachloro-m-xylene	Lin	9599	7830		24.4	25.0	-2.3	20.0
DCB Decachlorobiphenyl	Lin	9436	7339		23.9	25.0	-4.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	8.89	8.69	9.09
PCB-1016 Peak 2	10.05	9.85	10.25
PCB-1016 Peak 3	11.83	11.63	12.03
PCB-1016 Peak 4	12.56	12.36	12.76
PCB-1016 Peak 5	13.03	12.83	13.23
PCB-1260 Peak 1	14.54	14.34	14.74
PCB-1260 Peak 2	15.04	14.84	15.24
PCB-1260 Peak 3	16.06	15.86	16.26
PCB-1260 Peak 4	16.71	16.51	16.91
PCB-1260 Peak 5	17.30	17.10	17.50
Tetrachloro-m-xylene	6.31	6.11	6.51
DCB Decachlorobiphenyl	20.72	20.52	20.92

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\060F6001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 17:39
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 60 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.893	8.893	0.000	168990	500.000	498.8	50.00- 150.00	100.00
10.053	10.053	0.000	319880	500.000	492.9	96.02- 288.05	189.29
11.833	11.833	0.000	123892	500.000	475.0	157.72- 473.17	73.31
12.556	12.556	0.000	93192	500.000	482.6	64.46- 193.39	55.15
13.033	13.033	0.000	99075	500.000	491.9	63.32- 189.95	58.63
Average of Peak Amounts =					488.240		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
14.540	14.540	0.000	223749	500.000	493.0	50.00- 150.00	100.00
15.043	15.043	0.000	235771	500.000	484.8	54.39- 163.17	105.37
16.056	16.056	0.000	167024	500.000	497.2	32.96- 98.87	74.65

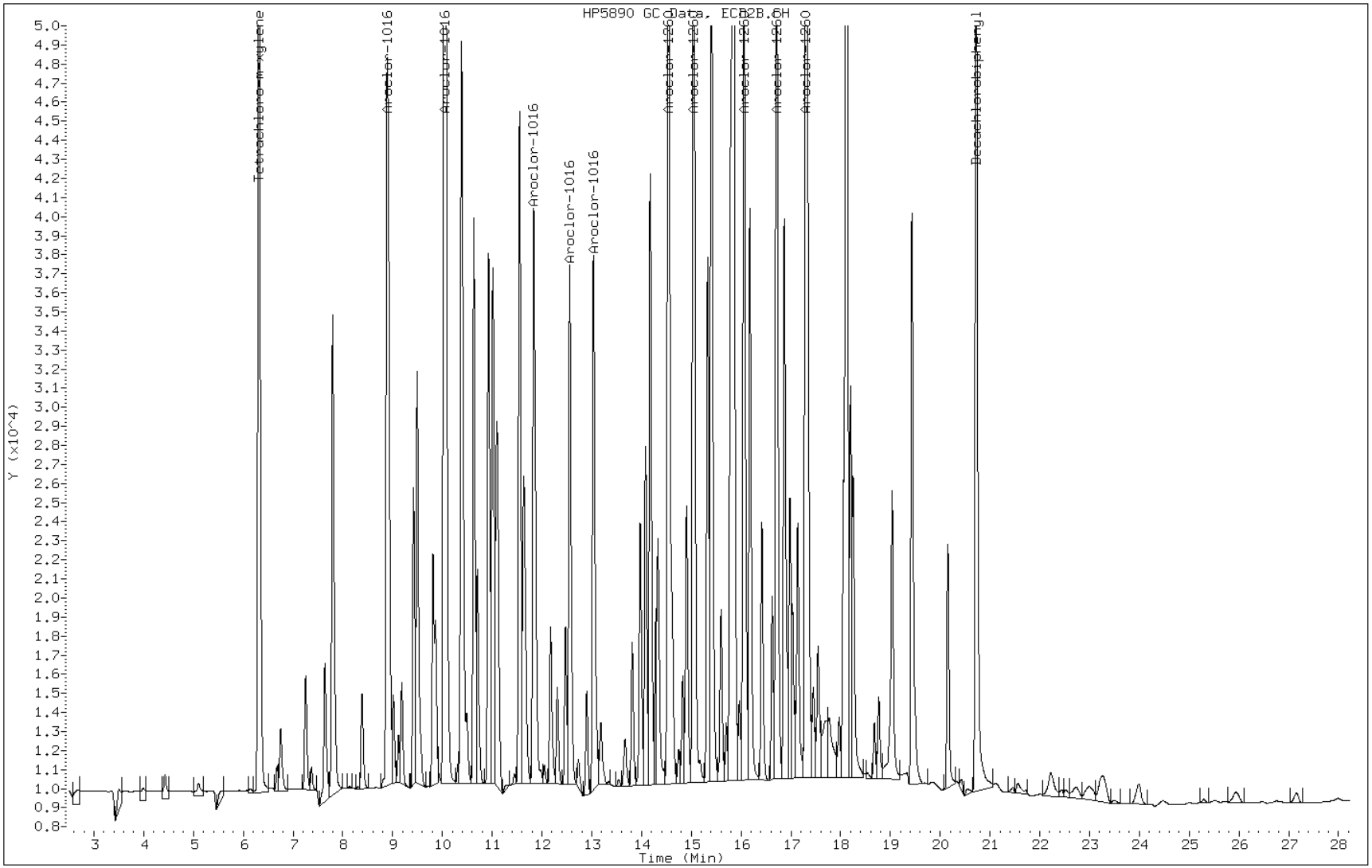
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.713	16.710	0.003	170450	500.000	488.8	65.36- 196.07	76.18
17.300	17.300	0.000	356310	500.000	499.2	16.03- 48.08	159.25
	Average of Peak Amounts =				492.600		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
6.310	6.310	0.000	195762	25.0000	24.43		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
20.723	20.723	0.000	183469	25.0000	23.92		

Data File: 060F6001.D

Date: 21-SEP-2011 17:39

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	170.6		517	500	3.5	20.0
PCB-1016 Peak 2	Lin	430.1	346.5		561	500	12.1	20.0
PCB-1016 Peak 3	Lin	369.6	300.2		536	500	7.2	20.0
PCB-1016 Peak 4	Lin	355.5	295.1		526	500	5.1	20.0
PCB-1016 Peak 5	Lin	253.3	194.0		523	500	4.5	20.0
PCB-1260 Peak 1	Lin	445.1	386.9		523	500	4.6	20.0
PCB-1260 Peak 2	Lin	861.6	644.4		533	500	6.7	20.0
PCB-1260 Peak 3	Lin	831.5	638.7		516	500	3.2	20.0
PCB-1260 Peak 4	Lin	831.9	618.2		502	500	0.5	20.0
PCB-1260 Peak 5	Lin	432.5	335.6		504	500	0.7	20.0
Tetrachloro-m-xylene	Lin	8879	7854		26.1	25.0	4.5	20.0
DCB Decachlorobiphenyl	Lin	8164	6575		24.9	25.0	-0.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.44	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.41	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\070F7001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 22:57
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 70 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.913	6.910	0.003	85312	500.000	517.5	50.00-	150.00	100.00
7.890	7.886	0.004	173262	500.000	560.7	38.38-	115.14	203.09
9.436	9.433	0.003	150102	500.000	535.8	21.89-	65.67	175.94
10.473	10.466	0.007	147527	500.000	525.7	19.98-	59.94	172.93
12.050	12.046	0.004	97022	500.000	522.7	19.98-	59.94	113.73
Average of Peak Amounts =					532.480			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.406	13.403	0.003	193462	500.000	523.0	50.00-	150.00	100.00
14.060	14.056	0.004	322212	500.000	533.4	79.28-	237.84	166.55
14.690	14.686	0.004	319364	500.000	516.1	38.87-	116.60	165.08

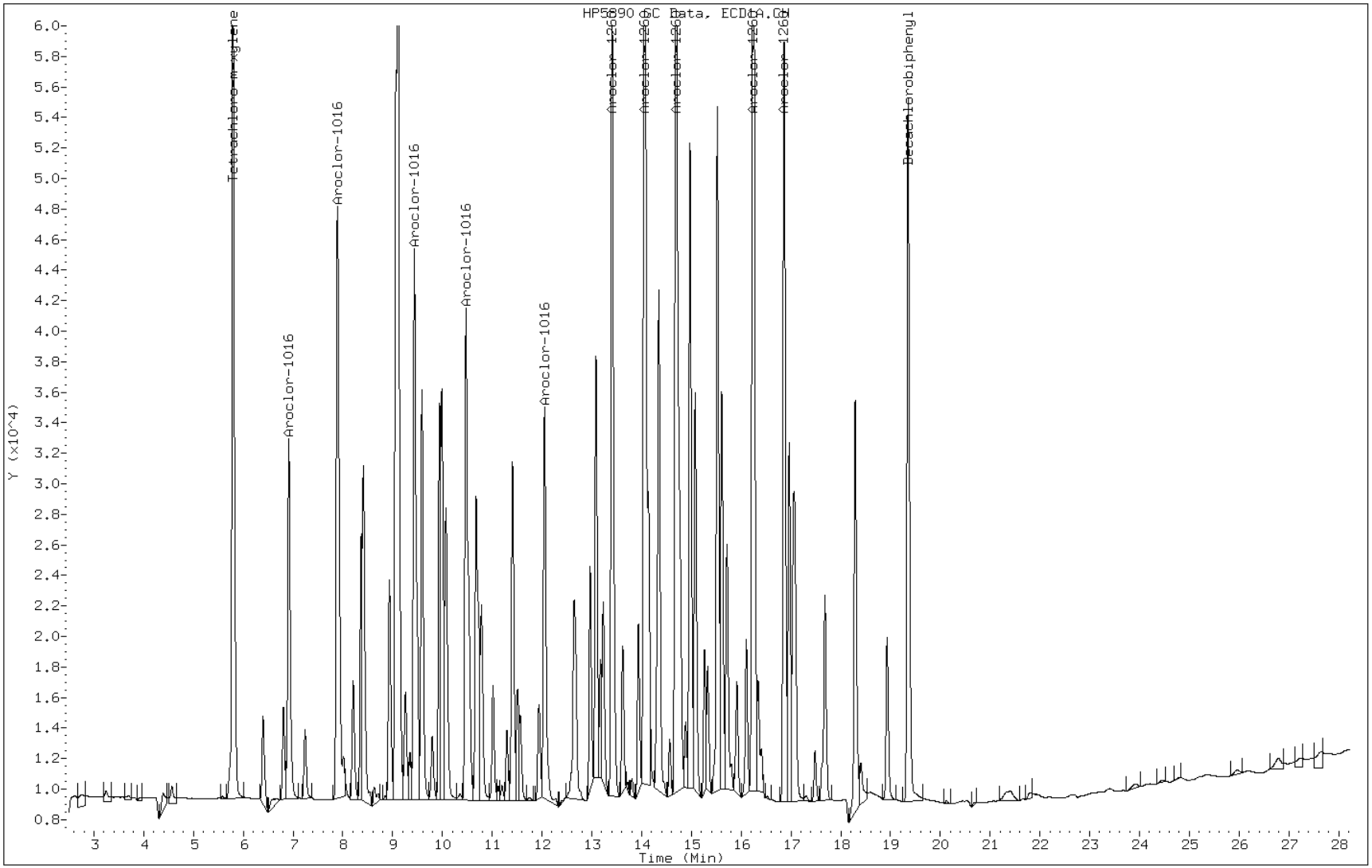
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.240	16.236	0.004	309122	500.000	502.4	40.33- 120.99	159.78
16.860	16.856	0.004	167780	500.000	503.6	22.45- 67.34	86.73
	Average of Peak Amounts =				515.700		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
5.793	5.790	0.003	196352	25.0000	26.11		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
19.353	19.350	0.003	164374	25.0000	24.85		

Data File: 070F7001.D

Date: 21-SEP-2011 22:57

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	470.0	352.4		523	500	4.6	20.0
PCB-1016 Peak 2	Lin	858.7	673.4		522	500	4.3	20.0
PCB-1016 Peak 3	Lin	335.4	260.2		501	500	0.2	20.0
PCB-1016 Peak 4	Lin	260.1	191.2		496	500	-0.7	20.0
PCB-1016 Peak 5	Lin	275.3	199.9		497	500	-0.7	20.0
PCB-1260 Peak 1	Lin	636.6	443.3		488	500	-2.4	20.0
PCB-1260 Peak 2	Lin	681.0	471.9		485	500	-3.0	20.0
PCB-1260 Peak 3	Lin	476.0	328.5		488	500	-2.4	20.0
PCB-1260 Peak 4	Lin	470.2	334.8		479	500	-4.2	20.0
PCB-1260 Peak 5	Lin	960.0	687.2		480	500	-4.1	20.0
Tetrachloro-m-xylene	Lin	9599	8252		25.8	25.0	3.3	20.0
DCB Decachlorobiphenyl	Lin	9436	7174		23.3	25.0	-6.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	8.90	8.69	9.09
PCB-1016 Peak 2	10.06	9.85	10.25
PCB-1016 Peak 3	11.84	11.63	12.03
PCB-1016 Peak 4	12.56	12.36	12.76
PCB-1016 Peak 5	13.04	12.83	13.23
PCB-1260 Peak 1	14.54	14.34	14.74
PCB-1260 Peak 2	15.05	14.84	15.24
PCB-1260 Peak 3	16.06	15.86	16.26
PCB-1260 Peak 4	16.72	16.51	16.91
PCB-1260 Peak 5	17.31	17.10	17.50
Tetrachloro-m-xylene	6.31	6.11	6.51
DCB Decachlorobiphenyl	20.73	20.52	20.92

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\070F7001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 22:57
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 70 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.900	8.893	0.007	176211	500.000	523.2	50.00- 150.00	100.00
10.060	10.053	0.007	336677	500.000	521.7	96.02- 288.05	191.06
11.836	11.833	0.003	130079	500.000	501.1	157.72- 473.17	73.82
12.563	12.556	0.007	95593	500.000	496.5	64.46- 193.39	54.25
13.036	13.033	0.003	99946	500.000	496.7	63.32- 189.95	56.72
Average of Peak Amounts =					507.840		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
14.543	14.540	0.003	221651	500.000	487.8	50.00- 150.00	100.00
15.046	15.043	0.003	235958	500.000	485.2	54.39- 163.17	106.45
16.060	16.056	0.004	164228	500.000	488.0	32.96- 98.87	74.09

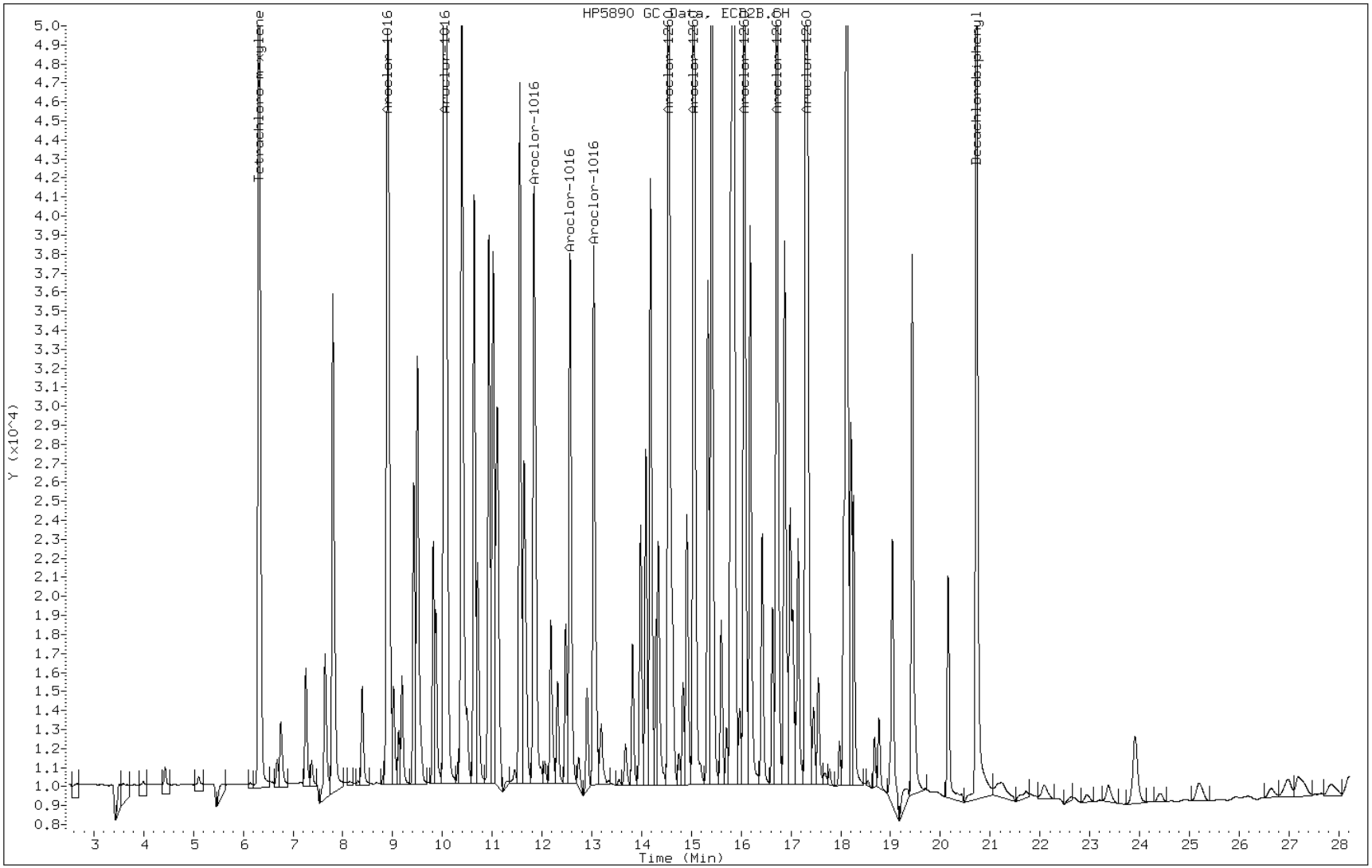
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.716	16.710	0.006	167402	500.000	479.2	65.36- 196.07	75.53
17.306	17.300	0.006	343607	500.000	479.6	16.03- 48.08	155.02
	Average of Peak Amounts =				483.960		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
6.313	6.310	0.003	206299	25.0000	25.84		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
20.726	20.723	0.003	179358	25.0000	23.33		

Data File: 070F7001.D

Date: 21-SEP-2011 22:57

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/34 Calibration Date: 09/22/2011 04:47

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 081F8101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	178.0		542	500	8.4	20.0
PCB-1016 Peak 2	Lin	430.1	339.4		548	500	9.6	20.0
PCB-1016 Peak 3	Lin	369.6	303.0		541	500	8.3	20.0
PCB-1016 Peak 4	Lin	355.5	300.6		537	500	7.3	20.0
PCB-1016 Peak 5	Lin	253.3	192.3		518	500	3.5	20.0
PCB-1260 Peak 1	Lin	445.1	401.1		544	500	8.8	20.0
PCB-1260 Peak 2	Lin	861.6	673.9		560	500	12.0	20.0
PCB-1260 Peak 3	Lin	831.5	671.0		545	500	8.9	20.0
PCB-1260 Peak 4	Lin	831.9	669.5		548	500	9.6	20.0
PCB-1260 Peak 5	Lin	432.5	370.3		561	500	12.1	20.0
Tetrachloro-m-xylene	Lin	8879	8061		26.8	25.0	7.4	20.0
DCB Decachlorobiphenyl	Lin	8164	7322		27.9	25.0	11.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/34 Calibration Date: 09/22/2011 04:47

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 081F8101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.23	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\081F8101.D
Lab Smp Id: CCV-982679
Inj Date : 22-SEP-2011 04:47
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 81 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.910	6.910	0.000	89020	500.000	542.1	50.00-	150.00	100.00
7.886	7.886	0.000	169711	500.000	547.9	38.38-	115.14	190.64
9.430	9.433	-0.003	151521	500.000	541.3	21.89-	65.67	170.21
10.466	10.466	0.000	150319	500.000	536.6	19.98-	59.94	168.86
12.046	12.046	0.000	96165	500.000	517.6	19.98-	59.94	108.03
Average of Peak Amounts =					537.100			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.403	13.403	0.000	200558	500.000	543.8	50.00-	150.00	100.00
14.056	14.056	0.000	336946	500.000	560.2	79.28-	237.84	168.00
14.686	14.686	0.000	335477	500.000	544.7	38.87-	116.60	167.27

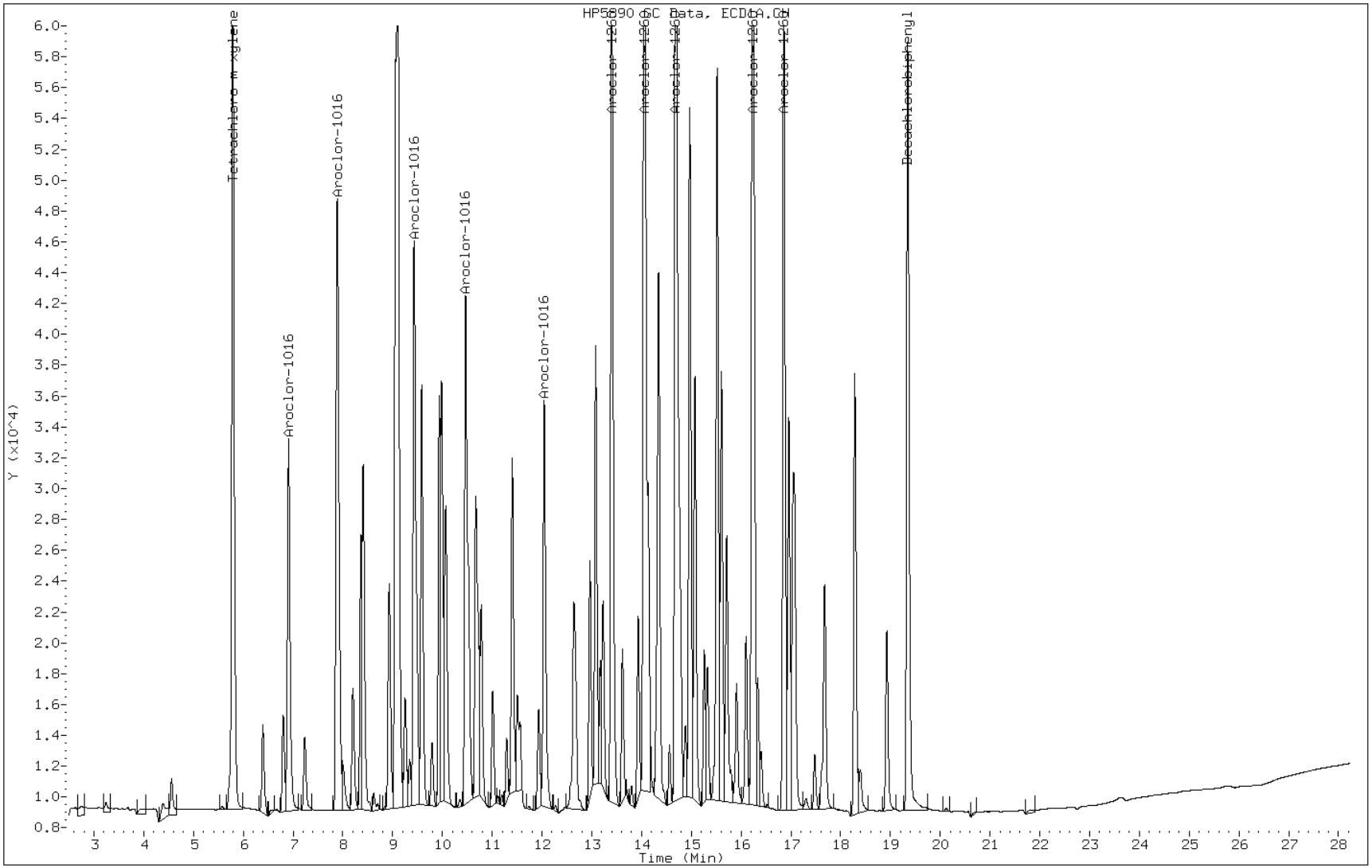
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.233	16.236	-0.003	334737	500.000	548.1	40.33- 120.99	166.90
16.856	16.856	0.000	185128	500.000	560.7	22.45- 67.34	92.31
		Average of Peak Amounts =			551.500		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.790	0.000	201524	25.0000	26.84		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.346	19.350	-0.004	183061	25.0000	27.91		

Data File: 081F8101.D

Date: 22-SEP-2011 04:47

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	176.0		535	500	7.1	20.0
PCB-1016 Peak 2	Lin	430.1	338.4		546	500	9.2	20.0
PCB-1016 Peak 3	Lin	369.6	301.5		538	500	7.7	20.0
PCB-1016 Peak 4	Lin	355.5	294.3		524	500	4.9	20.0
PCB-1016 Peak 5	Lin	253.3	197.6		533	500	6.7	20.0
PCB-1260 Peak 1	Lin	445.1	403.3		547	500	9.4	20.0
PCB-1260 Peak 2	Lin	861.6	666.9		554	500	10.8	20.0
PCB-1260 Peak 3	Lin	831.5	669.6		543	500	8.7	20.0
PCB-1260 Peak 4	Lin	831.9	671.2		550	500	9.9	20.0
PCB-1260 Peak 5	Lin	432.5	360.6		545	500	9.0	20.0
Tetrachloro-m-xylene	Lin	8879	8010		26.7	25.0	6.7	20.0
DCB Decachlorobiphenyl	Lin	8164	7174		27.3	25.0	9.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.88	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.46	10.27	10.67
PCB-1016 Peak 5	12.04	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.05	13.86	14.26
PCB-1260 Peak 3	14.68	14.49	14.89
PCB-1260 Peak 4	16.23	16.04	16.44
PCB-1260 Peak 5	16.85	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\091F9101.D
Lab Smp Id: CCV-982679
Inj Date : 22-SEP-2011 10:05
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 91 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.906	6.910	-0.004	88017	500.000	535.4	50.00-	150.00	100.00
7.883	7.886	-0.003	169191	500.000	546.0	38.38-	115.14	192.23
9.430	9.433	-0.003	150746	500.000	538.3	21.89-	65.67	171.27
10.463	10.466	-0.003	147144	500.000	524.2	19.98-	59.94	167.18
12.043	12.046	-0.003	98808	500.000	533.3	19.98-	59.94	112.26
Average of Peak Amounts =					535.440			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.396	13.403	-0.007	201649	500.000	547.0	50.00-	150.00	100.00
14.053	14.056	-0.003	333472	500.000	553.9	79.28-	237.84	165.37
14.683	14.686	-0.003	334805	500.000	543.5	38.87-	116.60	166.03

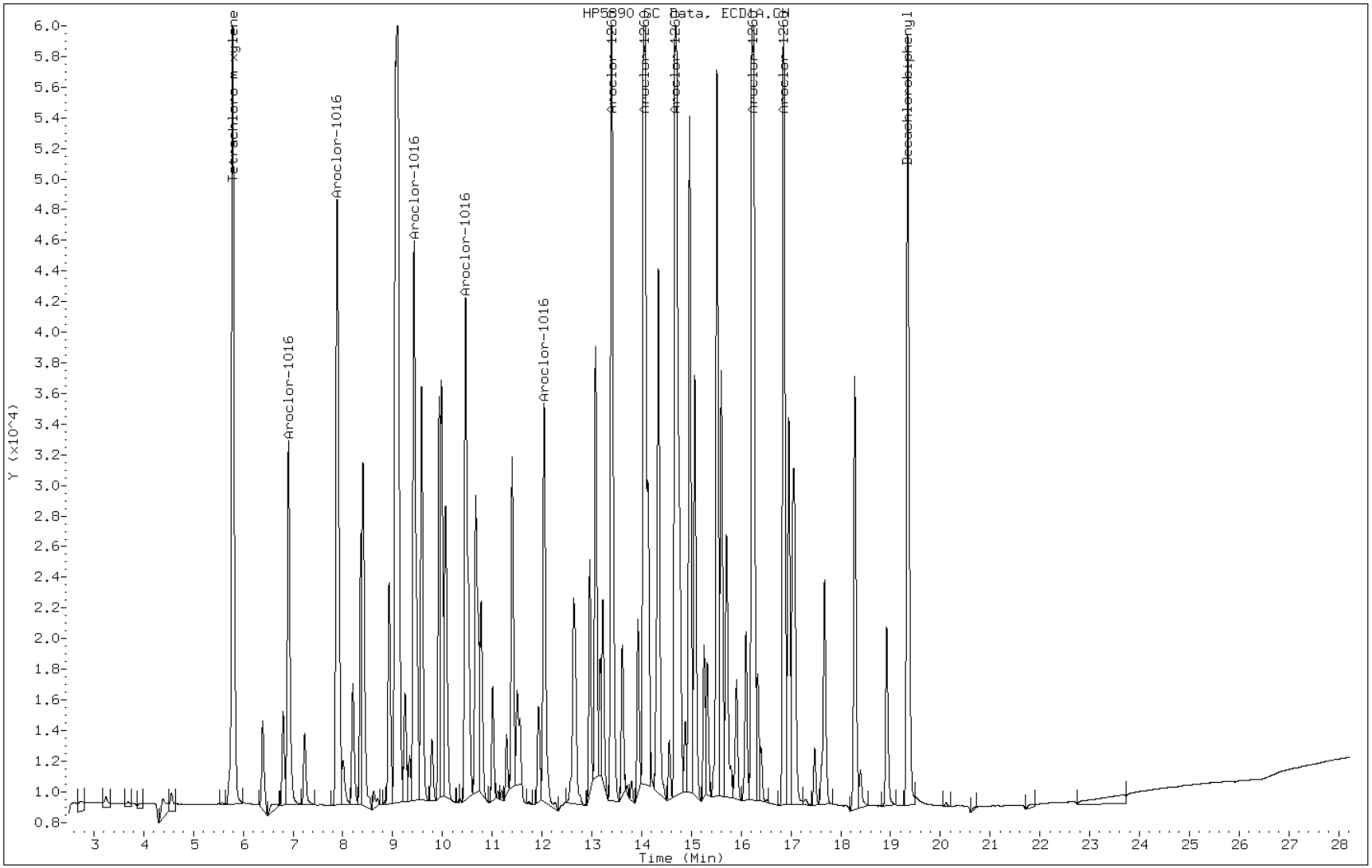
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.230	16.236	-0.006	335575	500.000	549.6	40.33- 120.99	166.42
16.853	16.856	-0.003	180307	500.000	544.8	22.45- 67.34	89.42
		Average of Peak Amounts =			547.760		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.786	5.790	-0.004	200260	25.0000	26.67		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.346	19.350	-0.004	179343	25.0000	27.30		

Data File: 091F9101.D

Date: 22-SEP-2011 10:05

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	470.0	360.3		536	500	7.3	20.0
PCB-1016 Peak 2	Lin	858.7	692.0		538	500	7.5	20.0
PCB-1016 Peak 3	Lin	335.4	267.4		516	500	3.3	20.0
PCB-1016 Peak 4	Lin	260.1	198.7		518	500	3.6	20.0
PCB-1016 Peak 5	Lin	275.3	208.3		520	500	4.0	20.0
PCB-1260 Peak 1	Lin	636.6	478.8		532	500	6.3	20.0
PCB-1260 Peak 2	Lin	681.0	522.6		544	500	8.8	20.0
PCB-1260 Peak 3	Lin	476.0	358.1		537	500	7.4	20.0
PCB-1260 Peak 4	Lin	470.2	371.2		536	500	7.3	20.0
PCB-1260 Peak 5	Lin	960.0	764.7		539	500	7.8	20.0
Tetrachloro-m-xylene	Lin	9599	8371		26.2	25.0	4.9	20.0
DCB Decachlorobiphenyl	Lin	9436	8357		27.5	25.0	10.1	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP2 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	8.89	8.69	9.09
PCB-1016 Peak 2	10.05	9.85	10.25
PCB-1016 Peak 3	11.83	11.63	12.03
PCB-1016 Peak 4	12.56	12.36	12.76
PCB-1016 Peak 5	13.03	12.83	13.23
PCB-1260 Peak 1	14.54	14.34	14.74
PCB-1260 Peak 2	15.04	14.84	15.24
PCB-1260 Peak 3	16.05	15.86	16.26
PCB-1260 Peak 4	16.71	16.51	16.91
PCB-1260 Peak 5	17.30	17.10	17.50
Tetrachloro-m-xylene	6.31	6.11	6.51
DCB Decachlorobiphenyl	20.72	20.52	20.92

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\091F9101.D
Lab Smp Id: CCV-982679
Inj Date : 22-SEP-2011 10:05
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 91 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.893	8.893	0.000	180165	500.000	536.5	50.00- 150.00	100.00
10.053	10.053	0.000	346013	500.000	537.7	96.02- 288.05	192.05
11.830	11.833	-0.003	133707	500.000	516.4	157.72- 473.17	74.21
12.556	12.556	0.000	99359	500.000	518.2	64.46- 193.39	55.15
13.030	13.033	-0.003	104145	500.000	519.9	63.32- 189.95	57.81
Average of Peak Amounts =					525.740		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
14.536	14.540	-0.004	239381	500.000	531.7	50.00- 150.00	100.00
15.040	15.043	-0.003	261306	500.000	543.9	54.39- 163.17	109.16
16.053	16.056	-0.003	179056	500.000	537.0	32.96- 98.87	74.80

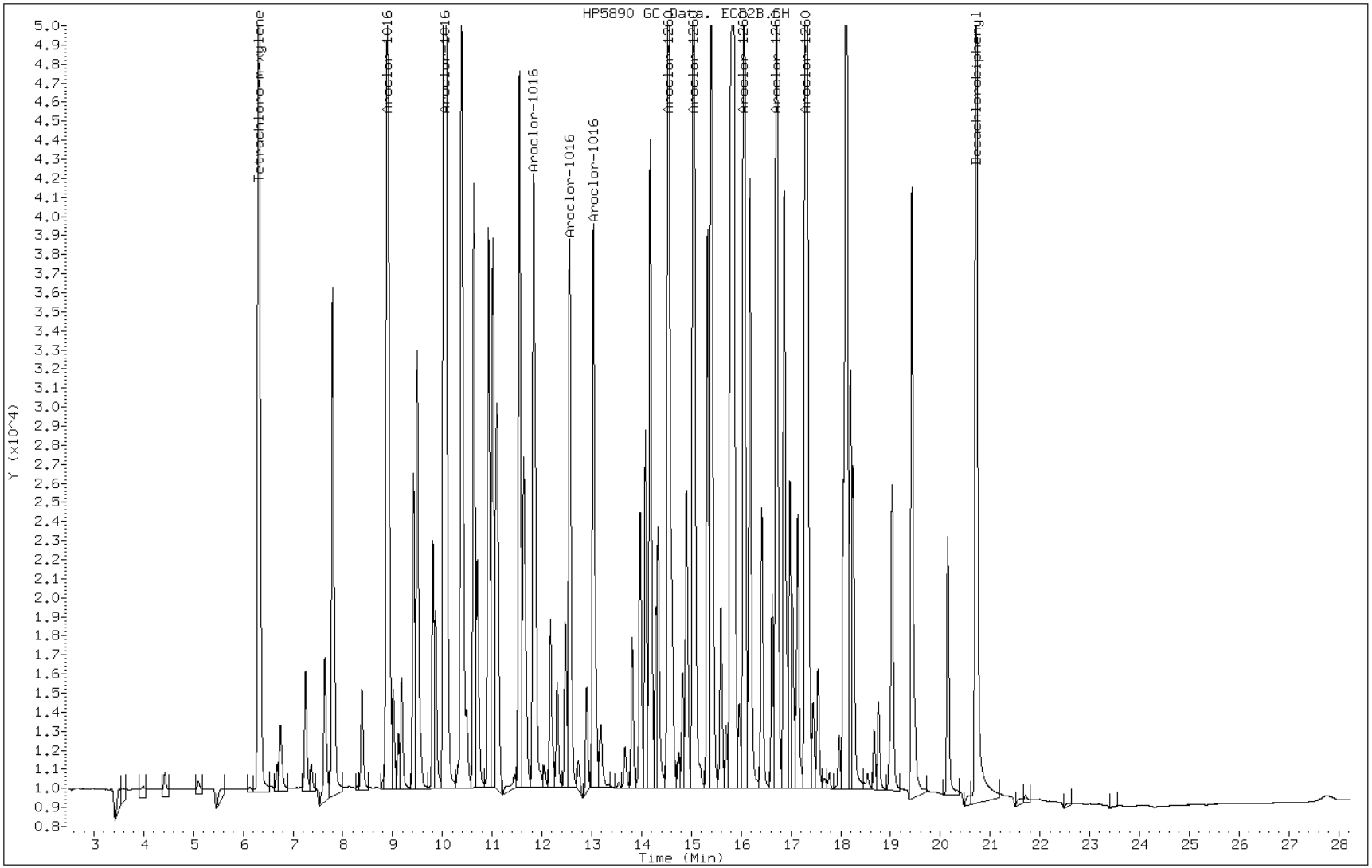
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.706	16.710	-0.004	185580	500.000	536.4	65.36- 196.07	77.52
17.296	17.300	-0.004	382328	500.000	539.2	16.03- 48.08	159.72
		Average of Peak Amounts =			537.640		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
6.310	6.310	0.000	209285	25.0000	26.23		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
20.716	20.723	-0.007	208923	25.0000	27.53		

Data File: 091F9101.D

Date: 22-SEP-2011 10:05

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Lab File ID: 068F6801.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.9(g) Date Analyzed: 09/21/2011 21:53

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	9.7	U	32	9.7	4.9
11104-28-2	PCB-1221	19	U	32	19	15
11141-16-5	PCB-1232	9.7	U	32	9.7	5.0
53469-21-9	PCB-1242	9.7	U	32	9.7	8.9
12672-29-6	PCB-1248	9.7	U	32	9.7	5.4
11097-69-1	PCB-1254	9.7	U	32	9.7	5.4
11096-82-5	PCB-1260	9.7	U	32	9.7	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		60-125
877-09-8	Tetrachloro-m-xylene	104		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\068F6801.D
Lab Smp Id: MB 280-86062/1-A
Inj Date : 21-SEP-2011 21:53
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984716,MB
Misc Info : MB 280-86062_1-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 68 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.900	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Peaks not detected for Quant. or Qual. signal(s).

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Peaks not detected for Quant. or Qual. signal(s).

$ 12 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.793	5.790	0.003	158232	20.7123	6.7030		

$ 13 Decachlorobiphenyl						CAS #: 2051-24-3	
19.353	19.350	0.003	146649	21.9513	7.1040		

Data File: 068F6801.D

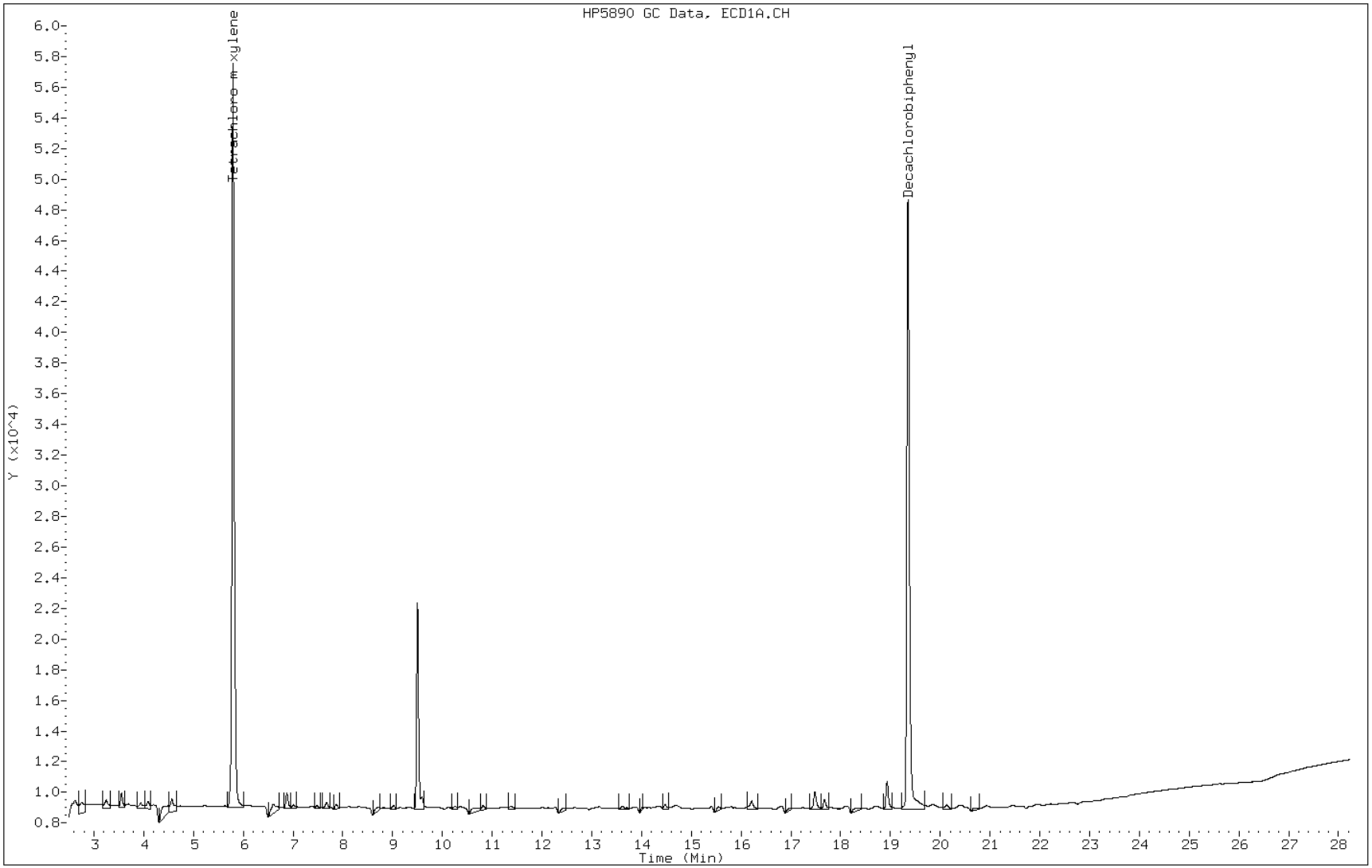
Date: 21-SEP-2011 21:53

Client ID:

Instrument: GC_W.i

Sample Info: 280-984716,MB

Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Lab File ID: 068F6801.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.9(g) Date Analyzed: 09/21/2011 21:53

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		60-125
877-09-8	Tetrachloro-m-xylene	103		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\068F6801.D
Lab Smp Id: MB 280-86062/1-A
Inj Date : 21-SEP-2011 21:53
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984716,MB
Misc Info : MB 280-86062_1-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 68 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.900	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Peaks not detected for Quant. or Qual. signal(s).

---

8 Aroclor-1268 CAS #:

Peaks not detected for Quant. or Qual. signal(s).

---

9 Aroclor-1262 CAS #:

Peaks not detected for Quant. or Qual. signal(s).

$ 12 Tetrachloro-m-xylene						CAS #: 877-09-8	
6.316	6.310	0.006	166462	20.5078	6.6368		

$ 13 Decachlorobiphenyl						CAS #: 2051-24-3	
20.723	20.723	0.000	168570	21.8024	7.0558		

Data File: 068F6801.D

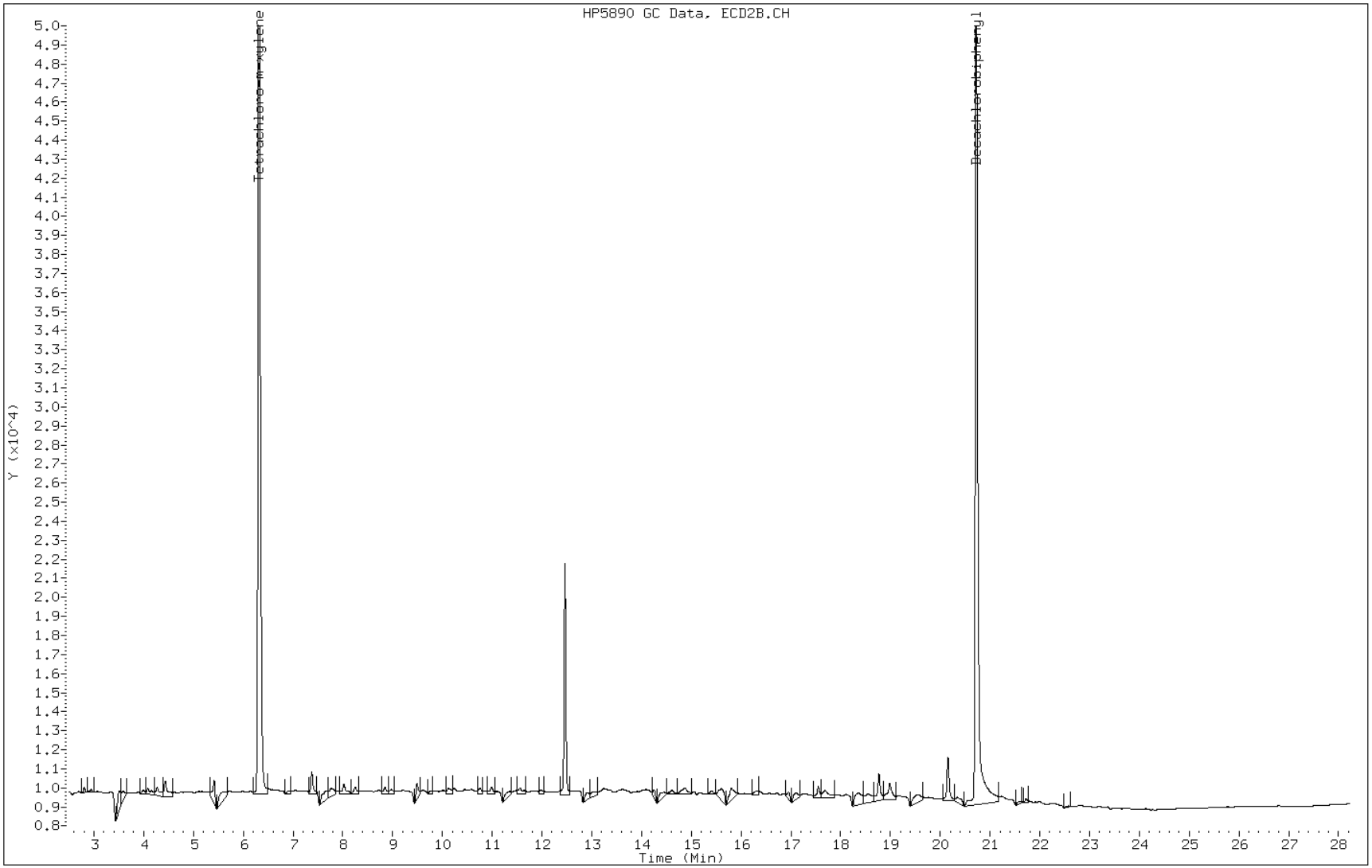
Date: 21-SEP-2011 21:53

Client ID:

Instrument: GC_W.i

Sample Info: 280-984716,MB

Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20042-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/27-A

Matrix: Solid | Lab File ID: 090F9001.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) | Date Analyzed: 09/22/2011 09:34

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	52.3		31	9.5	4.8
11104-28-2	PCB-1221	19	U	31	19	15
11141-16-5	PCB-1232	9.5	U	31	9.5	4.9
53469-21-9	PCB-1242	9.5	U	31	9.5	8.7
12672-29-6	PCB-1248	9.5	U	31	9.5	5.3
11097-69-1	PCB-1254	9.5	U	31	9.5	5.2
11096-82-5	PCB-1260	62.7		31	9.5	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		60-125
877-09-8	Tetrachloro-m-xylene	97		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\090F9001.D
Lab Smp Id: LCS 280-86062/27-A
Inj Date : 22-SEP-2011 09:34
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984760,LCS
Misc Info : LCS 280-86062_27-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 90 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.600	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.906	6.910	-0.004	37770	202.098	63.96	50.00- 150.00	100.00
7.886	7.886	0.000	70922	190.236	60.20	38.38- 115.14	187.77
9.430	9.433	-0.003	42951	114.713	36.30	21.89- 65.67	113.72
10.466	10.466	0.000	59860	184.606	58.42	19.98- 59.94	158.49
12.043	12.046	-0.003	31893	135.433	42.86	19.98- 59.94	84.44
		Average of Peak Concentrations =			52.35		

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2 Aroclor-1221 CAS #: 11104-28-2

Compound Not Detected

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3 Aroclor-1232 CAS #: 11141-16-5

Compound Not Detected

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

4 Aroclor-1242 CAS #: 53469-21-9

Compound Not Detected

---

5 Aroclor-1248 CAS #: 12672-29-6

Compound Not Detected

---

6 Aroclor-1254 CAS #: 11097-69-1

Compound Not Detected

---

7 Aroclor-1260 CAS #: 11096-82-5

13.400	13.403	-0.003	86359	207.919	65.80	50.00- 150.00	100.00
14.053	14.056	-0.003	118879	163.534	51.75	79.28- 237.84	137.66
14.683	14.686	-0.003	129845	179.846	56.91	38.87- 116.60	150.35
16.233	16.236	-0.003	157755	232.199	73.48	40.33- 120.99	182.67
16.853	16.856	-0.003	77439	206.434	65.33	22.45- 67.34	89.67

Average of Peak Concentrations = 62.65

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8 Aroclor-1268 CAS #:

Compound Not Detected

---

9 Aroclor-1262 CAS #:

Compound Not Detected

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.786	5.790	-0.004	149507	19.4762	6.1633		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

19.346	19.350	-0.004	139971	20.8581	6.6007		

Data File: 090F9001.D

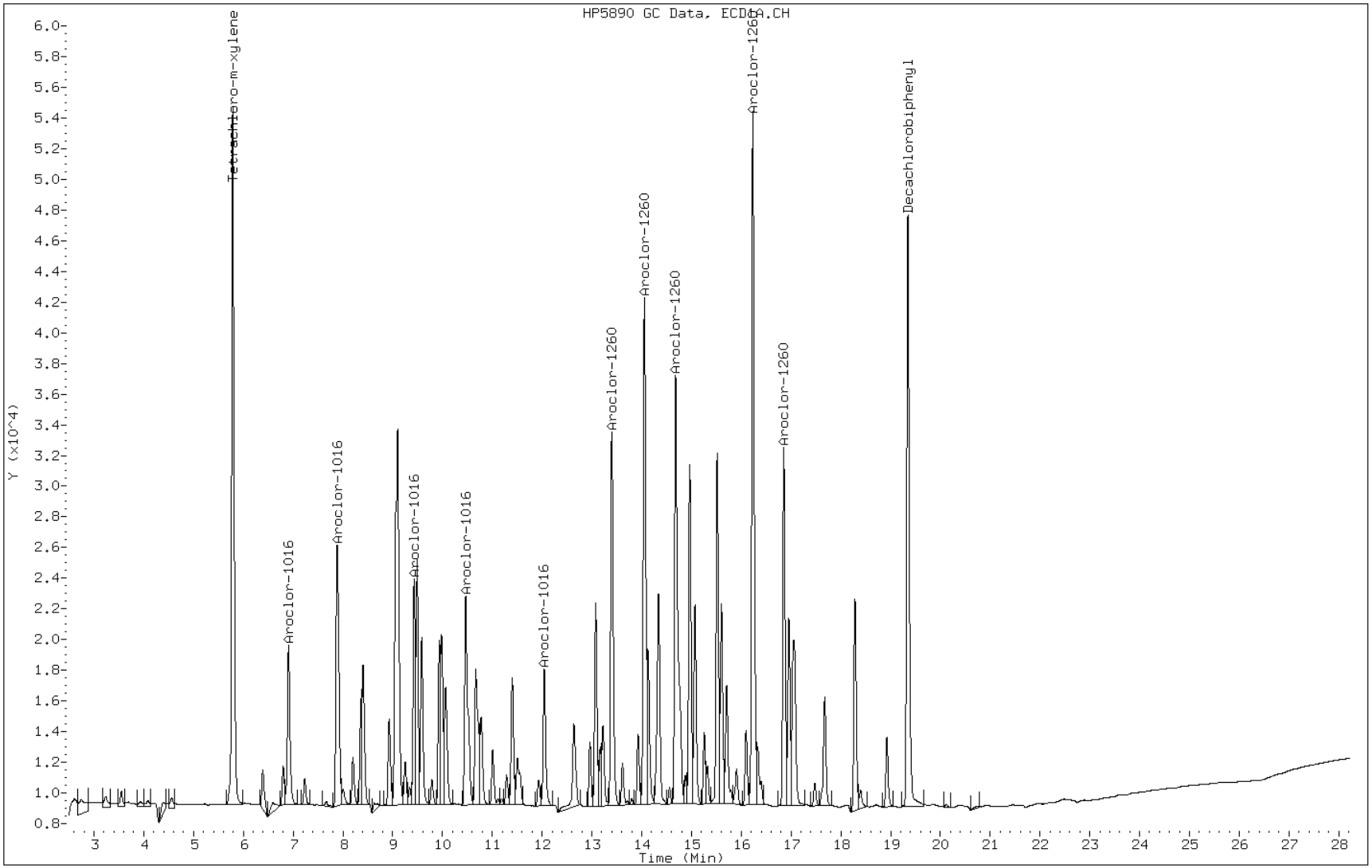
Date: 22-SEP-2011 09:34

Client ID:

Instrument: GC_W.i

Sample Info: 280-984760,LCS

Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-86062/27-A

Matrix: Solid Lab File ID: 090F9001.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) Date Analyzed: 09/22/2011 09:34

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP2 ID: 0.32(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	100		60-125
877-09-8	Tetrachloro-m-xylene	96		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\090F9001.D
Lab Smp Id: LCS 280-86062/27-A
Inj Date : 22-SEP-2011 09:34
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984760,LCS
Misc Info : LCS 280-86062_27-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k2.B\8082W-2.m
Meth Date : 22-Sep-2011 12:28 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 90 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.600	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
8.893	8.893	0.000	76787	188.413	59.62	50.00- 150.00	100.00
10.053	10.053	0.000	137862	180.311	57.06	96.02- 288.05	179.54
11.833	11.833	0.000	56786	191.704	60.66	157.72- 473.17	73.95
12.556	12.556	0.000	35672	151.267	47.87	64.46- 193.39	46.46
13.033	13.033	0.000	34605	135.294	42.81	63.32- 189.95	45.07
Average of Peak Concentrations =					53.61		

2 Aroclor-1221 CAS #: 11104-28-2

Compound Not Detected

3 Aroclor-1232 CAS #: 11141-16-5

Compound Not Detected

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

4 Aroclor-1242 CAS #: 53469-21-9

Compound Not Detected

---

5 Aroclor-1248 CAS #: 12672-29-6

Compound Not Detected

---

6 Aroclor-1254 CAS #: 11097-69-1

Compound Not Detected

---

7 Aroclor-1260 CAS #: 11096-82-5

14.536	14.540	-0.004	96054	177.222	56.08	50.00- 150.00	100.00
15.040	15.043	-0.003	108608	190.411	60.26	54.39- 163.17	113.07
16.056	16.056	0.000	85232	226.497	71.68	32.96- 98.87	88.73
16.710	16.710	0.000	85956	222.880	70.53	65.36- 196.07	89.49
17.300	17.300	0.000	177897	224.587	71.07	16.03- 48.08	185.21

Average of Peak Concentrations = 65.92

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8 Aroclor-1268 CAS #:

Compound Not Detected

---

9 Aroclor-1262 CAS #:

Compound Not Detected

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

6.310	6.310	0.000	157266	19.2780	6.1006

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

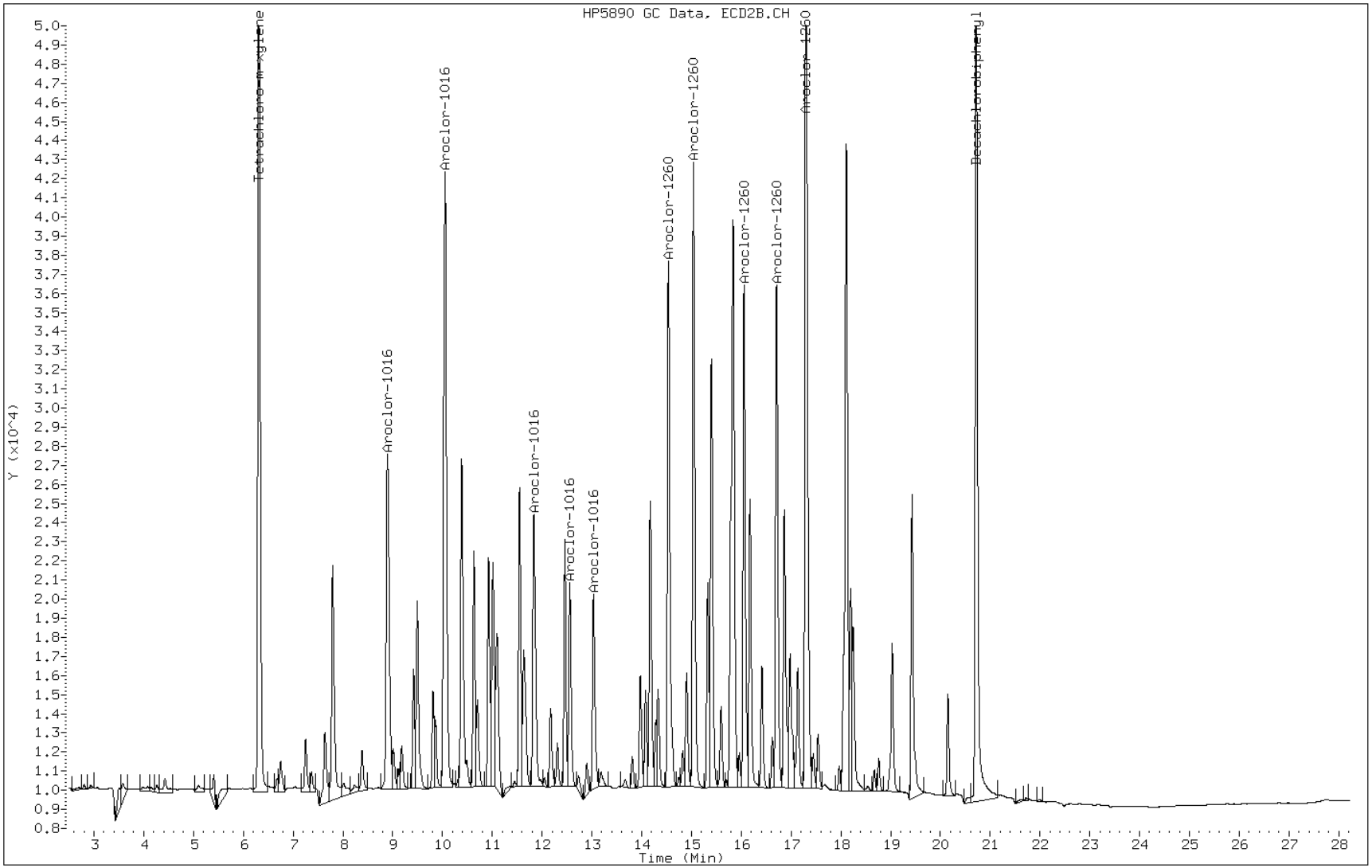
20.720	20.723	-0.003	156301	20.0612	6.3485

Data File: 090F9001.D

Date: 22-SEP-2011 09:34

Client ID: Instrument: GC_W.i

Sample Info: 280-984760,LCS Operator: JAX



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/19/2011 12:17

Analysis Batch Number: 86911 End Date: 09/20/2011 09:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 280-86911/1		09/19/2011 12:17	1	001F0101.D	CLP1 0.32(mm)
IC 280-86911/1		09/19/2011 12:17	1	001F0101.D	CLP2 0.32(mm)
IC 280-86911/2		09/19/2011 12:49	1	002F0201.D	CLP1 0.32(mm)
IC 280-86911/2		09/19/2011 12:49	1	002F0201.D	CLP2 0.32(mm)
IC 280-86911/3		09/19/2011 13:21	1	003F0301.D	CLP1 0.32(mm)
IC 280-86911/3		09/19/2011 13:21	1	003F0301.D	CLP2 0.32(mm)
IC 280-86911/4		09/19/2011 13:52	1	004F0401.D	CLP1 0.32(mm)
IC 280-86911/4		09/19/2011 13:52	1	004F0401.D	CLP2 0.32(mm)
IC 280-86911/5		09/19/2011 14:24	1	005F0501.D	CLP1 0.32(mm)
IC 280-86911/5		09/19/2011 14:24	1	005F0501.D	CLP2 0.32(mm)
IC 280-86911/6		09/19/2011 14:56	1	006F0601.D	CLP1 0.32(mm)
IC 280-86911/6		09/19/2011 14:56	1	006F0601.D	CLP2 0.32(mm)
IC 280-86911/7		09/19/2011 15:28	1	007F0701.D	CLP1 0.32(mm)
IC 280-86911/7		09/19/2011 15:28	1	007F0701.D	CLP2 0.32(mm)
IC 280-86911/8		09/19/2011 16:00	1	008F0801.D	CLP1 0.32(mm)
IC 280-86911/8		09/19/2011 16:00	1	008F0801.D	CLP2 0.32(mm)
IC 280-86911/9		09/19/2011 16:32	1	009F0901.D	CLP1 0.32(mm)
IC 280-86911/9		09/19/2011 16:32	1	009F0901.D	CLP2 0.32(mm)
IC 280-86911/10		09/19/2011 17:04	1	010F1001.D	CLP1 0.32(mm)
IC 280-86911/10		09/19/2011 17:04	1	010F1001.D	CLP2 0.32(mm)
IC 280-86911/11		09/19/2011 17:35	1	011F1101.D	CLP1 0.32(mm)
IC 280-86911/11		09/19/2011 17:35	1	011F1101.D	CLP2 0.32(mm)
IC 280-86911/12		09/19/2011 18:07	1	012F1201.D	CLP1 0.32(mm)
IC 280-86911/12		09/19/2011 18:07	1	012F1201.D	CLP2 0.32(mm)
IC 280-86911/13		09/19/2011 18:39	1	013F1301.D	CLP1 0.32(mm)
IC 280-86911/13		09/19/2011 18:39	1	013F1301.D	CLP2 0.32(mm)
IC 280-86911/14		09/19/2011 19:11	1	014F1401.D	CLP1 0.32(mm)
IC 280-86911/14		09/19/2011 19:11	1	014F1401.D	CLP2 0.32(mm)
IC 280-86911/15		09/19/2011 19:42	1	015F1501.D	CLP1 0.32(mm)
IC 280-86911/15		09/19/2011 19:42	1	015F1501.D	CLP2 0.32(mm)
IC 280-86911/16		09/19/2011 20:14	1	016F1601.D	CLP1 0.32(mm)
IC 280-86911/16		09/19/2011 20:14	1	016F1601.D	CLP2 0.32(mm)
ICRT 280-86911/17		09/19/2011 20:46	1	017F1701.D	CLP1 0.32(mm)
ICRT 280-86911/17		09/19/2011 20:46	1	017F1701.D	CLP2 0.32(mm)
IC 280-86911/18		09/19/2011 21:18	1	018F1801.D	CLP1 0.32(mm)
IC 280-86911/18		09/19/2011 21:18	1	018F1801.D	CLP2 0.32(mm)
IC 280-86911/19		09/19/2011 21:50	1	019F1901.D	CLP1 0.32(mm)
IC 280-86911/19		09/19/2011 21:50	1	019F1901.D	CLP2 0.32(mm)
IC 280-86911/20		09/19/2011 22:22	1	020F2001.D	CLP1 0.32(mm)
IC 280-86911/20		09/19/2011 22:22	1	020F2001.D	CLP2 0.32(mm)
IC 280-86911/21		09/19/2011 22:53	1	021F2101.D	CLP1 0.32(mm)
IC 280-86911/21		09/19/2011 22:53	1	021F2101.D	CLP2 0.32(mm)
IC 280-86911/22		09/19/2011 23:25	1	022F2201.D	CLP1 0.32(mm)
IC 280-86911/22		09/19/2011 23:25	1	022F2201.D	CLP2 0.32(mm)
IC 280-86911/23		09/19/2011 23:57	1	023F2301.D	CLP1 0.32(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/19/2011 12:17

Analysis Batch Number: 86911 End Date: 09/20/2011 09:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 280-86911/23		09/19/2011 23:57	1	023F2301.D	CLP2 0.32(mm)
IC 280-86911/24		09/20/2011 00:29	1	024F2401.D	CLP1 0.32(mm)
IC 280-86911/24		09/20/2011 00:29	1	024F2401.D	CLP2 0.32(mm)
IC 280-86911/25		09/20/2011 01:00	1	025F2501.D	CLP1 0.32(mm)
IC 280-86911/25		09/20/2011 01:00	1	025F2501.D	CLP2 0.32(mm)
IC 280-86911/26		09/20/2011 01:32	1	026F2601.D	CLP1 0.32(mm)
IC 280-86911/26		09/20/2011 01:32	1	026F2601.D	CLP2 0.32(mm)
IC 280-86911/27		09/20/2011 02:04	1	027F2701.D	CLP1 0.32(mm)
IC 280-86911/27		09/20/2011 02:04	1	027F2701.D	CLP2 0.32(mm)
IC 280-86911/28		09/20/2011 02:36	1	028F2801.D	CLP1 0.32(mm)
IC 280-86911/28		09/20/2011 02:36	1	028F2801.D	CLP2 0.32(mm)
IC 280-86911/29		09/20/2011 03:07	1	029F2901.D	CLP1 0.32(mm)
IC 280-86911/29		09/20/2011 03:07	1	029F2901.D	CLP2 0.32(mm)
IC 280-86911/30		09/20/2011 03:39	1	030F3001.D	CLP1 0.32(mm)
IC 280-86911/30		09/20/2011 03:39	1	030F3001.D	CLP2 0.32(mm)
IC 280-86911/31		09/20/2011 04:11	1	031F3101.D	CLP1 0.32(mm)
IC 280-86911/31		09/20/2011 04:11	1	031F3101.D	CLP2 0.32(mm)
IC 280-86911/32		09/20/2011 04:42	1	032F3201.D	CLP1 0.32(mm)
IC 280-86911/32		09/20/2011 04:42	1	032F3201.D	CLP2 0.32(mm)
IC 280-86911/33		09/20/2011 05:14	1	033F3301.D	CLP1 0.32(mm)
IC 280-86911/33		09/20/2011 05:14	1	033F3301.D	CLP2 0.32(mm)
IC 280-86911/34		09/20/2011 05:46	1	034F3401.D	CLP1 0.32(mm)
IC 280-86911/34		09/20/2011 05:46	1	034F3401.D	CLP2 0.32(mm)
IC 280-86911/35		09/20/2011 06:17	1	035F3501.D	CLP1 0.32(mm)
IC 280-86911/35		09/20/2011 06:17	1	035F3501.D	CLP2 0.32(mm)
ICV 280-86911/36		09/20/2011 06:49	1	036F3601.D	CLP1 0.32(mm)
ICV 280-86911/36		09/20/2011 06:49	1	036F3601.D	CLP2 0.32(mm)
ICV 280-86911/37		09/20/2011 07:21	1	037F3701.D	CLP1 0.32(mm)
ICV 280-86911/37		09/20/2011 07:21	1	037F3701.D	CLP2 0.32(mm)
ICV 280-86911/38		09/20/2011 08:24	1	039F3901.D	CLP1 0.32(mm)
ICV 280-86911/38		09/20/2011 08:24	1	039F3901.D	CLP2 0.32(mm)
ICV 280-86911/39		09/20/2011 08:56	1	040F4001.D	CLP1 0.32(mm)
ICV 280-86911/39		09/20/2011 08:56	1	040F4001.D	CLP2 0.32(mm)
ICV 280-86911/40		09/20/2011 09:32	1	041F4101.D	CLP1 0.32(mm)
ICV 280-86911/40		09/20/2011 09:32	1	041F4101.D	CLP2 0.32(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/20/2011 11:26

Analysis Batch Number: 87305 End Date: 09/22/2011 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 280-87305/1		09/20/2011 11:26	1	003F0301.D	CLP1 0.32(mm)
CCVRT 280-87305/1		09/20/2011 11:26	1	003F0301.D	CLP2 0.32(mm)
CCV 280-87305/2		09/21/2011 11:49	1		CLP1 0.32(mm)
CCV 280-87305/2		09/21/2011 11:49	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 12:20	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 12:20	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 12:52	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 12:52	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 13:24	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 13:56	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 14:28	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 15:00	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 15:32	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 16:03	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 16:35	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 17:07	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 17:07	1		CLP2 0.32(mm)
CCV 280-87305/13		09/21/2011 17:39	1	060F6001.D	CLP1 0.32(mm)
CCV 280-87305/13		09/21/2011 17:39	1	060F6001.D	CLP2 0.32(mm)
ZZZZZ		09/21/2011 18:11	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 18:43	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 19:14	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 19:46	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 20:18	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 20:50	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 21:21	1		CLP1 0.32(mm)
MB 280-86062/1-A		09/21/2011 21:53	1	068F6801.D	CLP1 0.32(mm)
MB 280-86062/1-A		09/21/2011 21:53	1	068F6801.D	CLP2 0.32(mm)
280-20042-1	TMCSD0101FA	09/21/2011 22:25	1	069F6901.D	CLP1 0.32(mm)
CCV 280-87305/23		09/21/2011 22:57	1	070F7001.D	CLP1 0.32(mm)
CCV 280-87305/23		09/21/2011 22:57	1	070F7001.D	CLP2 0.32(mm)
280-20042-2	TMCSD0201FA	09/21/2011 23:28	1	071F7101.D	CLP1 0.32(mm)
280-20042-3	TMCSD0301FA	09/22/2011 00:00	1	072F7201.D	CLP1 0.32(mm)
280-20042-4	TMCSD0401FA	09/22/2011 00:32	1	073F7301.D	CLP1 0.32(mm)
280-20042-4	TMCSD0401FA	09/22/2011 00:32	1	073F7301.D	CLP2 0.32(mm)
280-20042-5	TMCSD0501FA	09/22/2011 01:04	1	074F7401.D	CLP1 0.32(mm)
280-20042-5	TMCSD0501FA	09/22/2011 01:04	1	074F7401.D	CLP2 0.32(mm)
280-20042-6	TMCSD0601FA	09/22/2011 01:36	1	075F7501.D	CLP1 0.32(mm)
280-20042-6	TMCSD0601FA	09/22/2011 01:36	1	075F7501.D	CLP2 0.32(mm)
280-20042-7	TMCSD0701FA	09/22/2011 02:08	1	076F7601.D	CLP1 0.32(mm)
ZZZZZ		09/22/2011 02:40	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 03:11	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 03:43	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 04:15	1		CLP1 0.32(mm)
CCV 280-87305/34		09/22/2011 04:47	1	081F8101.D	CLP1 0.32(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/20/2011 11:26

Analysis Batch Number: 87305 End Date: 09/22/2011 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/22/2011 05:19	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 05:51	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 06:23	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 06:55	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 07:26	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 07:58	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 08:30	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 09:02	1		CLP1 0.32(mm)
LCS 280-86062/27-A		09/22/2011 09:34	1	090F9001.D	CLP1 0.32(mm)
LCS 280-86062/27-A		09/22/2011 09:34	1	090F9001.D	CLP2 0.32(mm)
CCV 280-87305/44		09/22/2011 10:05	1	091F9101.D	CLP1 0.32(mm)
CCV 280-87305/44		09/22/2011 10:05	1	091F9101.D	CLP2 0.32(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86062 Batch Start Date: 09/14/11 21:25 Batch Analyst: Moan, Matthew R

Batch Method: 3546 Batch End Date: 09/20/11 22:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8081/82 Surr 00030	8082 LCS 00017	AnalysisComment	
MB 280-86062/1		3546, 8082		30.9 g	10000 uL	1 mL			
280-20042-A-1	TMCSD0101FA	3546, 8082	T	30.1 g	10000 uL	1 mL			
280-20042-A-2	TMCSD0201FA	3546, 8082	T	31.1 g	10000 uL	1 mL			
280-20042-A-3	TMCSD0301FA	3546, 8082	T	32.1 g	10000 uL	1 mL			
280-20042-A-4	TMCSD0401FA	3546, 8082	T	31.6 g	10000 uL	1 mL			
280-20042-A-5	TMCSD0501FA	3546, 8082	T	31.3 g	10000 uL	1 mL			
280-20042-A-6	TMCSD0601FA	3546, 8082	T	31.4 g	10000 uL	1 mL			
280-20042-A-7	TMCSD0701FA	3546, 8082	T	32.5 g	10000 uL	1 mL			
LCS 280-86062/27		3546, 8082		31.6 g	10000 uL	1 mL	1 mL	8082	

Batch Notes	
Balance ID	24350888
Batch Comment	Aliquot: Wiggins, J. pip:C (1*2mL) pipopp1(10.1)
Person's name who did the concentration	CokleyC/HubbsL
Exchange Solvent Lot #	K27E49
Exchange Solvent Name	50mL Hexane
Final Concentrator Volume	10000 uL
Florisil Lot #	K10557 soln:1-9-20
MeCL2 Lot #	K24J01/ K07S03 1/1-ACETONE/MECL2: K24E14
Microwave Start Time	9/14/11 @ 21:45
Microwave Stop Time	9/14/11 @ 23:15
Na2SO4 Lot Number	K10624F
Ottawa Sand Lot #	2AB0606
Pipette ID	E
Person's name who did the prep	MoanM
SOP Number	DV-OP-0015/7
Person who witnessed spiking	REVIEWER: EJ s/s: JW
Water Bath ID	A/B
Water Bath Temperature	88C

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 86062 Batch Start Date: 09/14/11 21:25 Batch Analyst: Moan, Matthew R

Batch Method: 3546 Batch End Date: 09/20/11 22:05

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

Project: Griffiss AFB Three Mile Creek (SD031)

Client Sample ID	Lab Sample ID
TMCSD0101FA	280-20042-1
TMCSD0201FA	280-20042-2
TMCSD0301FA	280-20042-3
TMCSD0401FA	280-20042-4
TMCSD0501FA	280-20042-5
TMCSD0601FA	280-20042-6
TMCSD0701FA	280-20042-7

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0101FA
Lab Sample ID: 280-20042-1
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 13:00
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 76.7

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.18	0.56	0.11	0.046	mg/Kg	J		1	6010B
Mercury	7.8	40	10	6.7	ug/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0201FA
Lab Sample ID: 280-20042-2
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 14:00
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 78.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.17	0.58	0.12	0.048	mg/Kg	J		1	6010B
Mercury	10	41	10	6.8	ug/Kg	U		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0301FA
Lab Sample ID: 280-20042-3
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 14:20
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 78.4

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.10	0.60	0.12	0.049	mg/Kg	J		1	6010B
Mercury	13	40	10	6.7	ug/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0401FA
Lab Sample ID: 280-20042-4
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 12:50
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 76.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.61	0.64	0.13	0.052	mg/Kg	J		1	6010B
Mercury	25	39	9.9	6.6	ug/Kg	J		1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0501FA
Lab Sample ID: 280-20042-5
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 12:30
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 49.5

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	5.2	0.97	0.19	0.080	mg/Kg			1	6010B
Mercury	170	61	15	10	ug/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0601FA
Lab Sample ID: 280-20042-6
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 13:20
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 79.2

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.23	0.56	0.11	0.046	mg/Kg	J		1	6010B
Mercury	180	40	10	6.7	ug/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: TMCSD0701FA
Lab Sample ID: 280-20042-7
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG ID.:
Matrix: Solid
Date Sampled: 09/06/2011 13:45
Reporting Basis: DRY
Date Received: 09/08/2011 09:00
% Solids: 78.0

Analyte	Result	LOQ	LOD	DL	Units	C	Q	DIL	Method
Cadmium	0.11	0.56	0.11	0.046	mg/Kg	U		1	6010B
Mercury	9.3	37	9.3	6.2	ug/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

ICV Source: ICP ICVL_00057 Concentration Units: ug/L

CCV Source: ICP CCVL_00194

Analyte	ICV 280-88573/7 09/29/2011 11:41				CCV 280-88573/87 09/29/2011 21:33				CCV 280-88573/98 09/29/2011 22:02			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	250		250	100	496		500	99	503		500	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 Denver Job No.: 280-20042-1

SDG No.:

ICV Source: ICP ICVL_00057 Concentration Units: ug/L

CCV Source: ICP CCVL_00194

Analyte	CCV 280-88573/108 09/29/2011 22:29											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Cadmium	507		500	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 Denver Job No.: 280-20042-1

SDG No.:

ICV Source: Hg SoilICV_00223 Concentration Units: ug/L

CCV Source: Hg Soil CCV_00226

Analyte	ICV 280-86371/8 09/15/2011 11:59				CCV 280-86371/119 09/15/2011 16:27				CCV 280-86371/131 09/15/2011 16:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.01		4.00	100	4.32		5.00	86	5.12		5.00	102

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 Denver Job No.: 280-20042-1

SDG No.:

ICV Source: Hg SoilICV_00223 Concentration Units: ug/L

CCV Source: Hg Soil CCV_00226

Analyte	CCV 280-86371/143 09/15/2011 17:23											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.35		5.00	107								

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Method: 6010B Instrument ID: MT_026

Lab Sample ID: CRI 280-88573/12 Concentration Units: ug/L

CRQL Check Standard Source: ICP RL STD_00467

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Cadmium	5.00	4.96	J	99	80-120

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

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 280-88573/11 09/29/2011 11:54		CCB 280-88573/88 09/29/2011 21:35		CCB 280-88573/99 09/29/2011 22:04		CCB 280-88573/109 09/29/2011 22:32	
		Found	C	Found	C	Found	C	Found	C
Cadmium	5.0	0.80	U	0.80	U	0.80	U	0.80	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 280-86371/9 09/15/2011 12:01		CCB 280-86371/120 09/15/2011 16:30		CCB 280-86371/132 09/15/2011 16:57		CCB 280-86371/144 09/15/2011 17:25	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.10	U	0.10	U	0.10	U	0.10	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 280-87698/1-A

Instrument Code: MT_026 Batch No.: 88573

CAS No.	Analyte	Concentration	C	Q	Method
7440-43-9	Cadmium	0.095	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Concentration Units: ug/Kg Lab Sample ID: MB 280-85917/1-A

Instrument Code: MT_034 Batch No.: 86371

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	7.6	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICSA 280-88573/14 Instrument ID: MT_026

Lab File ID: 26b092911.asc ICS Source: ICP ICSA_00046

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Cadmium		**-0.0700**	
Aluminum	*500000*	*516560*	*103*
Antimony		*7.56*	
Arsenic		*2.09*	
Barium		*0.310*	
Beryllium		*-0.380*	
Boron		*-2.50*	
Calcium	*500000*	*472860*	*95*
Chromium		*0.800*	
Cobalt		*-0.680*	
Iron	*200000*	*187580*	*94*
Lead		*4.15*	
Lithium		*2.56*	
Magnesium	*500000*	*502960*	*101*
Molybdenum		*-2.61*	
Nickel		*0.190*	
Phosphorus		*-0.370*	
Potassium		*-59.5*	
Selenium		*-4.64*	
Silicon		*12.9*	
Silver		*-0.0700*	
Sodium		*71.6*	
Strontium		*2.06*	
Thallium		*-1.06*	
Thorium		*-6.49*	
Tin		*-1.21*	
Titanium		*-2.73*	
Zinc		*7.35*	
Zirconium		*-3.23*	

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 Denver Job No.: 280-20042-1

SDG No.:

Lab Sample ID: ICSAB 280-88573/15 Instrument ID: MT_026

Lab File ID: 26b092911.asc ICS Source: ICP ICSAB_00037

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Percent Recovery
Cadmium	**1000**	**1031**	**103**
Aluminum	*500000*	*511910*	*102*
Antimony	*1000*	*1025*	*102*
Arsenic	*2000*	*2017*	*101*
Barium	*500*	*494*	*99*
Beryllium	*500*	*475*	*95*
Boron	*2000*	*1936*	*97*
Calcium	*500000*	*465110*	*93*
Chromium	*500*	*498*	*100*
Cobalt	*500*	*475*	*95*
Copper	*500*	*531*	*106*
Iron	*200000*	*186130*	*93*
Lead	*1000*	*949*	*95*
Lithium	*1000*	*1040*	*104*
Magnesium	*500000*	*504180*	*101*
Manganese	*500*	*500*	*100*
Molybdenum	*1000*	*970*	*97*
Nickel	*1000*	*939*	*94*
Phosphorus	*2000*	*1967*	*98*
Potassium	*50000*	*50909*	*102*
Selenium	*5000*	*4865*	*97*
Silicon	*10000*	*10134*	*101*
Silver	*1000*	*1094*	*109*
Sodium	*50000*	*52329*	*105*
Strontium	*1000*	*1007*	*101*
Thallium	*10000*	*8838*	*88*
Thorium	*2000*	*2033*	*102*
Tin	*10000*	*9213*	*92*
Titanium	*1000*	*991*	*99*
Vanadium	*500*	*504*	*101*
Zinc	*1000*	*979*	*98*
Zirconium	*1000*	*886*	*89*

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: TMCSD0101FA MS
Lab ID: 280-20042-1 MS
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 76.7

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	10.4		0.18	J	11.5	89	80-120		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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: TMCSD0701FA MS
Lab ID: 280-20042-7 MS
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG No.:
Matrix: Solid
Concentration Units: ug/Kg
% Solids: 78.0

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	559		9.3	U	493	113	80-120		7471A

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

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: TMCSD0101FA MSD
Lab ID: 280-20042-1 MSD
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG No.:
Matrix: Solid
Concentration Units: mg/Kg
% Solids: 76.7

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Cadmium	10.2		11.4	88	80-120	2	20		6010B

SDR = Sample Duplicate 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 VD - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: TMCSD0701FA MSD
Lab ID: 280-20042-7 MSD
Lab Name: TestAmerica Denver
Job No.: 280-20042-1
SDG No.:
Matrix: Solid
Concentration Units: ug/Kg
% Solids: 78.0

Analyte	(SDR) C		Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Mercury	514		501	103	80-120	8	20		7471A

SDR = Sample Duplicate 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 VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: TMCSD0101FA PDS Lab ID: 280-20042-1 PDS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Cadmium	5.46		0.18	J	5.57	95	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

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 280-87698/2-A

Lab Name: TestAmerica Denver Job No.: 280-20042-1

Sample Matrix: Solid LCS Source: ICP SPK 3A_00034

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Cadmium	9.52	8.62		91	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 280-85917/2-A

Lab Name: TestAmerica Denver Job No.: 280-20042-1

Sample Matrix: Solid LCS Source: Hg Daily Spk_00380

Analyte	Solid(ug/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	397	366		92	80	120		7471A

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: 280-20042-1

SDG No:

Lab Name: TestAmerica Denver Job No: 280-20042-1

Matrix: Solid Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Cadmium	0.18	J	0.56	U	NC		6010B

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

FORM VIII-IN

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

Lab ID: 280-20042-7

SDG No:

Lab Name: TestAmerica Denver Job No: 280-20042-1

Matrix: Solid Concentration Units: ug/Kg

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Mercury	9.3	U	46	U	NC		7471A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG Number:

Matrix: Solid Instrument ID: MT_026

Method: 6010B DL Date: 03/01/2011 13:25

Prep Method: 3050B

Analyte	Wavelength/ Mass	LOQ (mg/Kg)	DL (mg/Kg)
Cadmium	228.8	0.5	0.041

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG Number:

Matrix: Solid Instrument ID: MT_026

Method: 6010B XMDL Date: 03/01/2011 13:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Cadmium		5	0.452

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG Number:

Matrix: Solid Instrument ID: MT_034

Method: 7471A DL Date: 11/05/2010 15:47

Prep Method: 7471A

Analyte	Wavelength/ Mass	LOQ (ug/Kg)	DL (ug/Kg)
Mercury	253.7	33	5.53

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG Number:

Matrix: Solid Instrument ID: MT_034

Method: 7471A XMDL Date: 11/30/2010 11:26

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.204	0.0664

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K
Aluminum	167.079													0.001855	
Aluminum	309.271														
Antimony	206.833		0.000001						-0.000008			0.015485		0.000003	
Arsenic	189.042		-0.000022									0.000181			
Barium	455.403														
Beryllium	313.042														
Bismuth	223.061										-0.002850			-0.000021	
Boron	208.959														
Cadmium	228.802			0.010742							0.000016				
Calcium	317.933														
Chromium	205.552						-0.002780								
Cobalt	228.616					-0.000228									
Copper	324.754														
Iron	259.940														
Iron	271.441										0.109000				
Lead	220.353		-0.000062										0.000046	0.000036	
Lithium	670.784								0.000032						
Magnesium	279.079														
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Phosphorus	178.284														
Potassium	766.490														
Selenium	196.090								-0.000009					0.000004	
Silicon	288.158											0.000027			
Silver	328.068														
Sodium	589.592														
Sodium	818.326														
Strontium	407.771								0.000010						
Sulfur	182.034														

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K
Thallium	190.856										0.006725	0.000241			
Thorium	283.730		-0.000012							-0.000171		-0.000233		0.000839	
Tin	189.989														
Titanium	334.904											0.000169			
Uranium	370.152				0.001355							-0.002090		-0.000217	
Vanadium	292.402											-0.007969			
Zinc	206.200											-0.001730			
Zirconium	339.198													-0.000026	

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Th
Aluminum	309.271		0.003939												
Aluminum	167.079														
Antimony	206.833				-0.007803										
Arsenic	189.042				-0.000564										
Barium	455.403														
Beryllium	313.042														
Bismuth	223.061														-0.004222
Boron	208.959				0.053817										
Cadmium	228.802														
Calcium	317.933														-0.001874
Chromium	205.552				0.000100		0.00046								
Cobalt	228.616				-0.001154		0.000049								
Copper	324.754														0.002944
Iron	259.940														
Iron	271.441														
Lead	220.353		0.000001		-0.001630		0.000200				0.000013	0.000074			
Lithium	670.784		0.000008												
Magnesium	279.079														-0.028160
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Phosphorus	178.284														
Potassium	766.490														
Selenium	196.090			0.000468											-0.000475
Silicon	288.158				-0.005890								0.001650		
Silver	328.068				-0.000308										-0.000491
Sodium	818.326														
Sodium	589.592														
Strontium	407.771														
Sulfur	182.034			0.005840	0.000664										

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Th
Thallium	190.856			0.000720	-0.000286										
Thorium	283.730		-0.000002		0.000415		0.000139								
Tin	189.989														
Titanium	334.904		0.000009		0.000999										0.008581
Uranium	370.152				0.001220										-0.004100
Vanadium	292.402			-0.006557											0.001332
Zinc	206.200														
Zirconium	339.198				0.000494							0.000018			0.066165

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Ti	Tl	U	V	Zn	Zr								
Aluminum	167.079														
Aluminum	309.271														
Antimony	206.833			-0.001080			-0.001150								
Arsenic	189.042														
Barium	455.403						0.001353								
Beryllium	313.042	-0.000233													
Bismuth	223.061	-0.003399		-0.000669											
Boron	208.959														
Cadmium	228.802														
Calcium	317.933														
Chromium	205.552			0.000035											
Cobalt	228.616	0.001858													
Copper	324.754	-0.000535					-0.002353								
Iron	259.940														
Iron	271.441				-0.456000		-0.128890								
Lead	220.353	-0.000765		0.000568											
Lithium	670.784														
Magnesium	279.079			-0.010626											
Manganese	257.610														
Molybdenum	202.030														
Nickel	231.604														
Phosphorus	178.284														
Potassium	766.490														
Selenium	196.090			-0.001609											
Silicon	288.158														
Silver	328.068			0.001560			0.002740								
Sodium	589.592														
Sodium	818.326														
Strontium	407.771														
Sulfur	182.034														

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

ICP-AES Instrument ID: MT_026 Date: 07/26/2011

Analyte	Wave Length	Ti	Tl	U	V	Zn	Zr								
Thallium	190.856	-0.000928		-0.000656	-0.002258										
Thorium	283.730			0.022130			0.022520								
Tin	189.989	-0.000896													
Titanium	334.904			-0.000660											
Uranium	370.152	0.006150													
Vanadium	292.402	0.000957		-0.000553											
Zinc	206.200														
Zirconium	339.198														

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Denver Job No: 280-20042-1

SDG No.:

Instrument ID: MT_026 Date: 08/01/2011 16:19

Analyte	Integ. Time (Sec.)	Concentration (mg/L)	Method
Cadmium		25	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 280-87698/1-A	09/29/2011 09:45	87698	1.05		100
LCS 280-87698/2-A	09/29/2011 09:45	87698	1.05		100
280-20042-1	09/29/2011 09:45	87698	1.17		100
280-20042-1 MS	09/29/2011 09:45	87698	1.13		100
280-20042-1 MSD	09/29/2011 09:45	87698	1.14		100
280-20042-2	09/29/2011 09:45	87698	1.10		100
280-20042-3	09/29/2011 09:45	87698	1.07		100
280-20042-4	09/29/2011 09:45	87698	1.03		100
280-20042-5	09/29/2011 09:45	87698	1.04		100
280-20042-6	09/29/2011 09:45	87698	1.13		100
280-20042-7	09/29/2011 09:45	87698	1.15		100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 280-85917/1-A	09/15/2011 09:25	85917	0.66		50
LCS 280-85917/2-A	09/15/2011 09:25	85917	0.63		50
280-20042-1	09/15/2011 09:25	85917	0.65		50
280-20042-2	09/15/2011 09:25	85917	0.62		50
280-20042-3	09/15/2011 09:25	85917	0.63		50
280-20042-4	09/15/2011 09:25	85917	0.66		50
280-20042-5	09/15/2011 09:25	85917	0.66		50
280-20042-6	09/15/2011 09:25	85917	0.63		50
280-20042-7	09/15/2011 09:25	85917	0.69		50
280-20042-7 MS	09/15/2011 09:25	85917	0.65		50
280-20042-7 MSD	09/15/2011 09:25	85917	0.64		50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_026 Method: 6010B

Start Date: 09/29/2011 11:24 End Date: 09/30/2011 00:13

Lab Sample ID	D/F	Type	Time	Analytes																			
				Cd																			
ICIS 280-88573/1	1		11:24	X																			
IC 280-88573/2			11:26	X																			
IC 280-88573/3			11:29	X																			
ZZZZZZ			11:32																				
ZZZZZZ			11:34																				
ICVH 280-88573/6	1		11:38	X																			
ICV 280-88573/7	1		11:41	X																			
ICVL 280-88573/8			11:44																				
CCVH 280-88573/9			11:46																				
CCV 280-88573/10			11:49																				
ICB 280-88573/11	1		11:54	X																			
CRI 280-88573/12	1		11:57	X																			
CRI 280-88573/13			12:02																				
ICSA 280-88573/14	1		12:09	X																			
ICSAB 280-88573/15	1		12:12	X																			
LRA 280-88573/16			12:16																				
CCVH 280-88573/17			12:19																				
CCV 280-88573/18			12:21																				
CCB 280-88573/19			12:24																				
ZZZZZZ			12:26																				
CCVH 280-88573/21			18:20																				
CCV 280-88573/22			18:23																				
CCB 280-88573/23			18:26																				
ZZZZZZ			18:28																				
ZZZZZZ			18:31																				
ZZZZZZ			18:35																				
ZZZZZZ			18:39																				
ZZZZZZ			18:42																				
ZZZZZZ			18:46																				
ZZZZZZ			18:50																				
ZZZZZZ			18:53																				
CCVH 280-88573/32			18:57																				
CCV 280-88573/33			19:00																				
CCB 280-88573/34			19:02																				
ZZZZZZ			19:05																				
ZZZZZZ			19:08																				
ZZZZZZ			19:10																				
ZZZZZZ			19:13																				
ZZZZZZ			19:16																				
ZZZZZZ			19:18																				
ZZZZZZ			19:21																				
CCVH 280-88573/42			19:23																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_026 Method: 6010B

Start Date: 09/29/2011 11:24 End Date: 09/30/2011 00:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd																			
CCV 280-88573/43			19:26																				
CCB 280-88573/44			19:28																				
ZZZZZZ			19:31																				
ZZZZZZ			19:34																				
ZZZZZZ			19:37																				
ZZZZZZ			19:39																				
ZZZZZZ			19:42																				
ZZZZZZ			19:45																				
CCVH 280-88573/51			19:48																				
CCV 280-88573/52			19:51																				
CCB 280-88573/53			19:53																				
ZZZZZZ			19:56																				
ZZZZZZ			19:59																				
ZZZZZZ			20:01																				
ZZZZZZ			20:04																				
ZZZZZZ			20:07																				
ZZZZZZ			20:10																				
ZZZZZZ			20:14																				
ZZZZZZ			20:17																				
ZZZZZZ			20:20																				
ZZZZZZ			20:24																				
CCVH 280-88573/64			20:28																				
CCV 280-88573/65			20:30																				
CCB 280-88573/66			20:33																				
ZZZZZZ			20:35																				
ZZZZZZ			20:38																				
ZZZZZZ			20:41																				
ZZZZZZ			20:44																				
ZZZZZZ			20:46																				
ZZZZZZ			20:49																				
ZZZZZZ			20:53																				
ZZZZZZ			20:56																				
CCVH 280-88573/75			20:58																				
CCV 280-88573/76			21:01																				
CCB 280-88573/77			21:03																				
ZZZZZZ			21:06																				
ZZZZZZ			21:09																				
ZZZZZZ			21:12																				
ZZZZZZ			21:15																				
ZZZZZZ			21:17																				
ZZZZZZ			21:20																				
ZZZZZZ			21:24																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_026 Method: 6010B

Start Date: 09/29/2011 11:24 End Date: 09/30/2011 00:13

Lab Sample ID	D/F	Type	Time	Analytes																				
				Cd																				
ZZZZZZ			21:27																					
CCVH 280-88573/86	1		21:30	X																				
CCV 280-88573/87	1		21:33	X																				
CCB 280-88573/88	1		21:35	X																				
ZZZZZZ			21:38																					
MB 280-87698/1-A	1	T	21:41	X																				
LCS 280-87698/2-A	1	T	21:44	X																				
280-20042-1	1	T	21:46	X																				
280-20042-1 SD	5	T	21:49	X																				
280-20042-1 MS	1	T	21:51	X																				
280-20042-1 MSD	1	T	21:54	X																				
280-20042-1 PDS	1	T	21:56	X																				
CCVH 280-88573/97	1		21:59	X																				
CCV 280-88573/98	1		22:02	X																				
CCB 280-88573/99	1		22:04	X																				
ZZZZZZ			22:07																					
280-20042-2	1	T	22:10	X																				
280-20042-3	1	T	22:12	X																				
280-20042-4	1	T	22:15	X																				
280-20042-5	1	T	22:17	X																				
280-20042-6	1	T	22:20	X																				
280-20042-7	1	T	22:24	X																				
CCVH 280-88573/107	1		22:26	X																				
CCV 280-88573/108	1		22:29	X																				
CCB 280-88573/109	1		22:32	X																				
CCVL 280-88573/110			22:34																					
ZZZZZZ			22:37																					
ZZZZZZ			22:40																					
ZZZZZZ			22:42																					
ZZZZZZ			22:45																					
ZZZZZZ			22:48																					
ZZZZZZ			22:50																					
ZZZZZZ			22:53																					
ZZZZZZ			22:57																					
ZZZZZZ			23:00																					
CCVH 280-88573/120			23:03																					
CCV 280-88573/121			23:06																					
CCB 280-88573/122			23:08																					
CCVL 280-88573/123			23:11																					
ZZZZZZ			23:14																					
ZZZZZZ			23:16																					
ZZZZZZ			23:19																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_026 Method: 6010B

Start Date: 09/29/2011 11:24 End Date: 09/30/2011 00:13

Lab Sample ID	D / F	Type	Time	Analytes																			
				Cd																			
ZZZZZZ			23:22																				
ZZZZZZ			23:25																				
ZZZZZZ			23:27																				
ZZZZZZ			23:30																				
ZZZZZZ			23:33																				
ZZZZZZ			23:36																				
CCVH 280-88573/133			23:38																				
CCV 280-88573/134			23:41																				
CCB 280-88573/135			23:44																				
CCVL 280-88573/136			23:46																				
ZZZZZZ			23:49																				
ZZZZZZ			23:52																				
ZZZZZZ			23:55																				
ZZZZZZ			23:57																				
ZZZZZZ			00:00																				
ZZZZZZ			00:03																				
CCVH 280-88573/143			00:05																				
CCV 280-88573/144			00:08																				
CCB 280-88573/145			00:11																				
CCVL 280-88573/146			00:13																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_034 Method: 7471A

Start Date: 09/15/2011 11:43 End Date: 09/15/2011 18:37

Lab Sample ID	D/F	Type	Time	Analytes																			
				Hg																			
STD0 280-86371/1 IC			11:43	X																			
STD1 280-86371/2 IC			11:45	X																			
STD2 280-86371/3 IC			11:47	X																			
STD3 280-86371/4 IC			11:49	X																			
STD4 280-86371/5 IC			11:52	X																			
STD5 280-86371/6 IC			11:54	X																			
STD6 280-86371/7 IC			11:56	X																			
ICV 280-86371/8	1		11:59	X																			
ICB 280-86371/9	1		12:01	X																			
CRA 280-86371/10			12:04																				
CCV 280-86371/11			12:06																				
CCB 280-86371/12			12:08																				
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:15																				
ZZZZZZ			12:17																				
ZZZZZZ			12:20																				
ZZZZZZ			12:22																				
ZZZZZZ			12:24																				
ZZZZZZ			12:27																				
ZZZZZZ			12:29																				
ZZZZZZ			12:31																				
CCV 280-86371/23			12:34																				
CCB 280-86371/24			12:36																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:43																				
ZZZZZZ			12:45																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:52																				
ZZZZZZ			12:54																				
ZZZZZZ			12:57																				
ZZZZZZ			12:59																				
CCV 280-86371/35			13:01																				
CCB 280-86371/36			13:04																				
ZZZZZZ			13:06																				
ZZZZZZ			13:08																				
ZZZZZZ			13:11																				
ZZZZZZ			13:13																				
ZZZZZZ			13:15																				
ZZZZZZ			13:17																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_034 Method: 7471A

Start Date: 09/15/2011 11:43 End Date: 09/15/2011 18:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			13:20																				
ZZZZZZ			13:22																				
ZZZZZZ			13:24																				
ZZZZZZ			13:27																				
CCV 280-86371/47			13:29																				
CCB 280-86371/48			13:31																				
ZZZZZZ			13:34																				
ZZZZZZ			13:36																				
ZZZZZZ			13:38																				
ZZZZZZ			13:41																				
ZZZZZZ			13:43																				
ZZZZZZ			13:45																				
ZZZZZZ			13:48																				
ZZZZZZ			13:50																				
ZZZZZZ			13:52																				
ZZZZZZ			13:54																				
CCV 280-86371/59			13:57																				
CCB 280-86371/60			13:59																				
ZZZZZZ			14:01																				
ZZZZZZ			14:04																				
ZZZZZZ			14:06																				
ZZZZZZ			14:20																				
ZZZZZZ			14:22																				
ZZZZZZ			14:25																				
ZZZZZZ			14:27																				
ZZZZZZ			14:29																				
ZZZZZZ			14:32																				
ZZZZZZ			14:34																				
CCV 280-86371/71			14:36																				
CCB 280-86371/72			14:39																				
ZZZZZZ			14:41																				
ZZZZZZ			14:43																				
ZZZZZZ			14:45																				
ZZZZZZ			14:48																				
ZZZZZZ			14:50																				
ZZZZZZ			14:52																				
ZZZZZZ			14:55																				
ZZZZZZ			14:57																				
ZZZZZZ			14:59																				
ZZZZZZ			15:02																				
CCV 280-86371/83			15:04																				
CCB 280-86371/84			15:06																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_034 Method: 7471A

Start Date: 09/15/2011 11:43 End Date: 09/15/2011 18:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			15:09																				
ZZZZZZ			15:11																				
ZZZZZZ			15:13																				
ZZZZZZ			15:16																				
ZZZZZZ			15:18																				
ZZZZZZ			15:20																				
ZZZZZZ			15:22																				
ZZZZZZ			15:25																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
CCV 280-86371/95			15:32																				
CCB 280-86371/96			15:34																				
ZZZZZZ			15:36																				
ZZZZZZ			15:39																				
ZZZZZZ			15:41																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:48																				
ZZZZZZ			15:50																				
ZZZZZZ			15:53																				
ZZZZZZ			15:55																				
ZZZZZZ			15:57																				
CCV 280-86371/107			16:00																				
CCB 280-86371/108			16:02																				
ZZZZZZ			16:04																				
ZZZZZZ			16:06																				
ZZZZZZ			16:09																				
ZZZZZZ			16:11																				
ZZZZZZ			16:13																				
ZZZZZZ			16:16																				
ZZZZZZ			16:18																				
ZZZZZZ			16:20																				
ZZZZZZ			16:23																				
ZZZZZZ			16:25																				
CCV 280-86371/119	1		16:27	X																			
CCB 280-86371/120	1		16:30	X																			
ZZZZZZ			16:32																				
MB 280-85917/1-A	1	T	16:34	X																			
LCS 280-85917/2-A	1	T	16:37	X																			
280-20042-1	1	T	16:39	X																			
280-20042-2	1	T	16:41	X																			
280-20042-3	1	T	16:44	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_034 Method: 7471A

Start Date: 09/15/2011 11:43 End Date: 09/15/2011 18:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
280-20042-4	1	T	16:46	X																			
280-20042-5	1	T	16:48	X																			
280-20042-6	1	T	16:51	X																			
280-20042-7	1	T	16:53	X																			
CCV 280-86371/131	1		16:55	X																			
CCB 280-86371/132	1		16:57	X																			
280-20042-7 SD	5	T	17:00	X																			
280-20042-7 MS	1	T	17:02	X																			
280-20042-7 MSD	1	T	17:04	X																			
ZZZZZZ			17:07																				
ZZZZZZ			17:09																				
ZZZZZZ			17:11																				
ZZZZZZ			17:14																				
ZZZZZZ			17:16																				
ZZZZZZ			17:18																				
ZZZZZZ			17:21																				
CCV 280-86371/143	1		17:23	X																			
CCB 280-86371/144	1		17:25	X																			
ZZZZZZ			17:28																				
ZZZZZZ			17:30																				
ZZZZZZ			17:32																				
ZZZZZZ			17:35																				
ZZZZZZ			17:37																				
ZZZZZZ			17:39																				
ZZZZZZ			17:42																				
ZZZZZZ			17:44																				
ZZZZZZ			17:46																				
ZZZZZZ			17:49																				
CCV 280-86371/155			17:51																				
CCB 280-86371/156			17:53																				
ZZZZZZ			17:55																				
ZZZZZZ			17:58																				
ZZZZZZ			18:00																				
ZZZZZZ			18:02																				
ZZZZZZ			18:05																				
ZZZZZZ			18:07																				
ZZZZZZ			18:09																				
ZZZZZZ			18:12																				
ZZZZZZ			18:14																				
ZZZZZZ			18:16																				
ZZZZZZ			18:19																				
CCV 280-86371/168			18:21																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: MT_034 Method: 7471A

Start Date: 09/15/2011 11:43 End Date: 09/15/2011 18:37

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
CCB 280-86371/169			18:23																				
ZZZZZZ			18:26																				
ZZZZZZ			18:28																				
ZZZZZZ			18:30																				
ZZZZZZ			18:33																				
CCV 280-86371/174			18:35																				
CCB 280-86371/175			18:37																				

Prep Types

T = Total/NA

Sample Name: ICIS Acquired: 9/29/2011 11:24:09 Type: Cal
Method: 6500_026(v32) Mode: IR Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00116**	**.00050**	**-.02466**	**.00041**	**.00108**	**.02056**	**-.00091**	**-.00063**	**.00852**	**-.00020**	**-.00004**	**-.00049**
Stddev	.00002	.00000	.00002	.00012	.00007	.00137	.00052	.00022	.00001	.00010	.00012	.00021
%RSD	1.7462	.03300	.08360	28.960	6.5227	6.6735	56.982	34.697	.09217	48.175	317.40	43.763
#1	-.00115	.00050	-.02467	.00049	.00113	.02153	-.00055	-.00078	.00852	-.00013	.00005	-.00034
#2	-.00118	.00050	-.02464	.00033	.00103	.01959	-.00128	-.00047	.00851	-.00027	-.00013	-.00064

Elem	Cu3247	Fe2599	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Na8183	Ni2316	P_1782
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00555**	**.00087**	**.00104**	**.00410**	**.00871**	**.00008**	**.00019**	**.00044**	**.00277**	**.00187**	**.00582**	**.00009**
Stddev	.00003	.00006	.00069	.00086	.00021	.00005	.00002	.00013	.00136	.00037	.00007	.00004
%RSD	.58043	6.9794	65.809	20.957	2.3769	66.390	11.476	29.273	49.025	19.838	1.1955	51.424
#1	.00553	.00083	.00056	.00470	.00885	.00004	.00018	.00035	.00373	.00161	.00577	.00012
#2	.00557	.00092	.00153	.00349	.00856	.00012	.00021	.00053	.00181	.00213	.00587	.00005

Elem	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00023**	**-.00107**	**.00054**	**.00053**	**.00095**	**-.00007**	**-.00012**	**-.00035**	**-.00036**	**-.00051**	**.00025**	**.00055**
Stddev	.00023	.00001	.00012	.00004	.00003	.00003	.00008	.00004	.00005	.00011	.00012	.00003
%RSD	100.42	1.3749	21.196	7.8537	3.5679	47.396	68.618	10.159	13.607	21.328	48.704	6.0786
#1	.00007	-.00106	.00062	.00056	.00097	-.00010	-.00018	-.00037	-.00033	-.00043	.00016	.00053
#2	.00040	-.00108	.00046	.00050	.00092	-.00005	-.00006	-.00032	-.00040	-.00058	.00034	.00058

Elem	Zn2062	Zr3391
Units	Cts/S	Cts/S
Avg	**.00000**	**-.00106**
Stddev	.00001	.00024
%RSD	495.73	22.847
#1	.00001	-.00123
#2	-.00001	-.00089

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5090.4**	**74809.**	**6208.0**
Stddev	9.4	275.	3.2
%RSD	.18420	.36805	.05110
#1	5097.0	75003.	6210.2
#2	5083.8	74614.	6205.7

Sample Name: IC1 Acquired: 9/29/2011 11:26:51 Type: Cal
Method: 6500_026(v32) Mode: IR Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.26542**	**.16830**	**.12060**	**.32225**	**4.4937**	**7.8900**	**2.1443**	**1.5492**	**.91009**	**1.1282**	**.39543**	**.70753**	**5.6962**
Stddev	.00078	.00090	.00001	.00005	.0130	.0153	.0027	.0027	.00237	.0007	.00082	.00120	.0133
%RSD	.29495	.53415	.00864	.01667	.28824	.19346	.12427	.17200	.26008	.06430	.20628	.16891	.23423
#1	.26487	.16766	.12059	.32221	4.4846	7.8792	2.1424	1.5473	.90842	1.1277	.39486	.70668	5.6868
#2	.26597	.16893	.12060	.32229	4.5029	7.9008	2.1462	1.5511	.91176	1.1287	.39601	.70837	5.7056

Elem	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	Sb2068	Se1960	Si2881	Sn1899	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.0690**	**1.0393**	**1.3088**	**.60364**	**1.7466**	**.73639**	**.10998**	**.45823**	**.19562**	**.11417**	**.37903**	**.28955**	**8.6093**
Stddev	.0010	.0015	.0024	.00018	.0054	.00045	.00002	.00088	.00045	.00014	.00187	.00019	.0239
%RSD	.04719	.14279	.18580	.03015	.30880	.06144	.01595	.19191	.22833	.12198	.49284	.06535	.27707
#1	2.0683	1.0383	1.3071	.60377	1.7428	.73607	.10997	.45761	.19594	.11426	.37771	.28942	8.5925
#2	2.0697	1.0404	1.3105	.60351	1.7504	.73671	.10999	.45886	.19531	.11407	.38035	.28968	8.6262

Elem	Ti3349	Tl1908	V_2924	Zn2062	Zr3391
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.40041**	**.21570**	**.26671**	**.03297**	**.37064**
Stddev	.00086	.00029	.00071	.00006	.00113
%RSD	.21586	.13374	.26444	.18197	.30379
#1	.39979	.21549	.26621	.03293	.36985
#2	.40102	.21590	.26721	.03301	.37144

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4904.6**	**71030.**	**6098.1**
Stddev	25.9	120.	48.7
%RSD	.52859	.16947	.79807
#1	4922.9	70945.	6132.6
#2	4886.2	71115.	6063.7

Sample Name: IC2 Acquired: 9/29/2011 11:29:20 Type: Cal
Method: 6500_026(v32) Mode: IR Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3092	Bi2230	Fe2714	Na8183	S_1820	Th2837	U_3701
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.9041**	**.23216**	**.75657**	**2.5828**	**.30768**	**.66387**	**.11911**
Stddev	.0058	.00012	.00046	.0030	.00048	.00065	.00021
%RSD	.14799	.05304	.06072	.11489	.15562	.09747	.17756
#1	3.9082	.23207	.75690	2.5807	.30734	.66341	.11896
#2	3.9000	.23225	.75625	2.5849	.30801	.66433	.11926

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4681.9**	**67212.**	**5858.6**
Stddev	2.9	125.	5.5
%RSD	.06214	.18532	.09439
#1	4683.9	67124.	5854.7
#2	4679.8	67300.	5862.5

Sample Name: s1-1015915 Acquired: 9/29/2011 11:32:03 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.99767**	**1.0129**	**2.0063**	**1.0058**	**1.0032**	**1.0049**	**-.00110**	**10.037**	**1.0065**	**1.0062**	**1.0054**	**1.0016**
Stddev	.00400	.0022	.0060	.0027	.0027	.0001	.00161	.024	.0016	.0011	.0009	.0045
%RSD	.40112	.22031	.29843	.27315	.27003	.00724	146.50	.24075	.16158	.11047	.08987	.44946
#1	.99484	1.0113	2.0021	1.0039	1.0051	1.0050	-.00224	10.054	1.0053	1.0054	1.0048	.99847
#2	1.0005	1.0144	2.0106	1.0077	1.0013	1.0049	.00004	10.020	1.0076	1.0070	1.0060	1.0048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Na8183	Ni2316	P_1782	Pb2203	S_1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.0194**	**100.69**	**2.0136**	**40.227**	**1.0101**	**1.0047**	**10.180**	F **10.640**	**1.0143**	**2.0134**	**2.0023**	**.02672**
Stddev	.0168	.18	.0028	.082	.0019	.0004	.007	.389	.0004	.0080	.0021	.00340
%RSD	.33485	.17635	.13894	.20486	.19081	.04314	.06657	3.6595	.03772	.39984	.10683	12.739
#1	5.0313	100.82	2.0155	40.169	1.0087	1.0050	10.185	10.915	1.0146	2.0077	2.0007	.02431
#2	5.0076	100.57	2.0116	40.285	1.0115	1.0044	10.175	10.365	1.0141	2.0191	2.0038	.02913
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None
Value								10.000				
Range								5.0000%				

Elem	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.0081**	**2.0008**	**10.020**	**2.0304**	**1.0072**	**-.00696**	**.99601**	**2.0002**	**.03437**	**1.0029**	**1.0079**	**.99822**
Stddev	.0021	.0002	.074	.0024	.0010	.00054	.00331	.0069	.01173	.0003	.0012	.00287
%RSD	.10632	.00938	.73896	.12041	.09590	7.7732	.33241	.34237	34.143	.02692	.12072	.28776
#1	2.0066	2.0010	9.9678	2.0321	1.0079	-.00734	.99367	1.9954	.04267	1.0027	1.0071	1.0003
#2	2.0096	2.0007	10.073	2.0287	1.0065	-.00657	.99835	2.0051	.02607	1.0031	1.0088	.99619
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4856.1**	**70597.**	**6017.7**
Stddev	5.0	125.	38.3
%RSD	.10217	.17724	.63650
#1	4859.6	70686.	5990.6
#2	4852.6	70509.	6044.7

Sample Name: s2-1016966 Acquired: 9/29/2011 11:34:29 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.03179**	**99.839**	**.00264**	**.00528**	**.00144**	**-.00007**	**2.0159**	**.01450**	**-.00239**	**.00444**	**.00012**	**.00697**	**99.812**
Stddev	.00024	.087	.00336	.00050	.00009	.00010	.0006	.00124	.00015	.00048	.00022	.00005	.302
%RSD	.74549	.08749	127.10	9.5461	6.0659	149.01	.02881	8.5768	6.4588	10.705	184.74	.69658	.30265
#1	-.03196	99.901	.00502	.00564	.00151	.00000	2.0163	.01538	-.00250	.00411	-.00004	.00693	100.03
#2	-.03163	99.777	.00027	.00493	.00138	-.00014	2.0155	.01362	-.00228	.00478	.00027	.00700	99.599
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.13970**	**.00169**	**-.06406**	**.00243**	**.00288**	**501.35**	**.00398**	**.00859**	**-.00033**	**10.066**	**.00684**	**.02271**	**.02648**
Stddev	.02641	.00000	.00070	.00002	.00135	.15	.00054	.00098	.00037	.001	.00403	.00175	.01808
%RSD	18.904	.10606	1.0999	1.0160	46.708	.03008	13.518	11.421	112.38	.00779	58.882	7.6986	68.307
#1	.12103	.00170	-.06356	.00245	.00193	501.25	.00360	.00928	-.00059	10.066	.00399	.02147	.01369
#2	.15838	.00169	-.06455	.00241	.00383	501.46	.00437	.00789	-.00007	10.065	.00968	.02394	.03926
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00835**	**.00100**	**9.9100**	**-.01752**	**.00538**	**19.867**	**.00384**	**.00574**	**-.37324**
Stddev	.00063	.00005	.0418	.00005	.00035	.071	.00033	.00013	.00539
%RSD	7.5890	5.0361	.42134	.28861	6.4758	.35655	8.6413	2.2048	1.4429
#1	.00790	.00104	9.8805	-.01748	.00513	19.816	.00361	.00583	-.36943
#2	.00879	.00097	9.9396	-.01756	.00562	19.917	.00408	.00565	-.37705
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4651.8**	**66970.**	**5877.1**
Stddev	19.8	115.	15.0
%RSD	.42460	.17209	.25524
#1	4637.8	67051.	5866.5
#2	4665.8	66888.	5887.8

Sample Name: ICVH-1013200 Acquired: 9/29/2011 11:38:13 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00920**	**41.312**	**.00052**	**.00004**	**.00046**	**.00005**	W **.54149**	**39.556**	**-.00077**	**.00181**	**-.00021**
Stddev	.00008	.083	.00269	.00042	.00008	.00001	.00128	.061	.00004	.00020	.00024
%RSD	.86481	.20048	513.54	1152.2	17.703	17.753	.23566	.15451	5.2995	11.057	112.50
#1	-.00915	41.370	.00243	.00034	.00040	.00004	.54059	39.600	-.00080	.00195	-.00038
#2	-.00926	41.253	-.00138	-.00026	.00052	.00005	.54239	39.513	-.00074	.00167	-.00004
Check ?	None	Chk Pass	None	None	None	None	Chk Warn	Chk Pass	None	None	None
Value							.50000				
Range							5.0000%				

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00185**	**79.764**	**-.06299**	**.00278**	**-.03482**	**.00079**	**-.00116**	**41.989**	**.00101**	**.00579**	**-.00120**
Stddev	.00034	.213	.05033	.00080	.00352	.00001	.00005	.272	.00010	.00128	.00004
%RSD	18.417	.26720	79.908	28.573	10.109	1.6603	4.5017	.64866	10.184	22.127	3.4945
#1	.00161	79.915	-.09858	.00222	-.03233	.00078	-.00120	42.181	.00094	.00489	-.00117
#2	.00209	79.614	-.02740	.00335	-.03731	.00080	-.00112	41.796	.00108	.00670	-.00122
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass	None	None	None
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.9883**	**-.00185**	**.00190**	**-.00760**	**.00196**	**.00047**	**2.9981**	**-.00601**	**.00400**	**5.1258**	**.00128**
Stddev	.0201	.00108	.00159	.01490	.00021	.00003	.0006	.00003	.00055	.0059	.00034
%RSD	.50442	58.188	83.566	196.09	10.510	5.9812	.01907	.53450	13.763	.11535	26.283
#1	3.9741	-.00261	.00303	-.01813	.00211	.00049	2.9985	-.00604	.00439	5.1299	.00104
#2	4.0026	-.00109	.00078	.00294	.00182	.00045	2.9977	-.00599	.00361	5.1216	.00152
Check ?	None	None	None	None	None	None	Chk Pass	None	None	Chk Pass	None
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**2.5209**	**-.11189**
Stddev	.0058	.00105
%RSD	.23034	.94198
#1	2.5250	-.11263
#2	2.5168	-.11114
Check ?	Chk Pass	None
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4897.5**	**70463.**	**5991.1**
Stddev	4.5	182.	35.9
%RSD	.09236	.25865	.59984
#1	4900.7	70334.	6016.5
#2	4894.3	70592.	5965.7

Sample Name: ICV-972447 Acquired: 9/29/2011 11:41:17 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.24674**	**.25271**	**.24030**	**.24286**	**.24315**	**.23901**	**.00002**	**1.9365**	**.25015**	**.24897**	**.24476**	**.24649**
Stddev	.00002	.00022	.00382	.00071	.00209	.00142	.00002	.0067	.00140	.00083	.00085	.00076
%RSD	.00837	.08551	1.5899	.29278	.85756	.59341	105.26	.34514	.55872	.33298	.34599	.31021
#1	.24673	.25286	.24300	.24336	.24462	.24001	.00001	1.9412	.25114	.24955	.24536	.24703
#2	.24675	.25256	.23759	.24236	.24167	.23801	.00003	1.9318	.24916	.24838	.24417	.24595
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.24651**	**19.391**	**.25036**	**9.7648**	**.24946**	**.24058**	**1.9798**	**.24976**	**1.9326**	**.25186**	**-.00444**	**.24993**
Stddev	.00294	.054	.00266	.0055	.00002	.00154	.0095	.00161	.0095	.00150	.00151	.00179
%RSD	1.1923	.28002	1.0638	.05591	.00827	.63986	.48016	.64438	.49176	.59678	34.016	.71647
#1	.24859	19.430	.25225	9.7687	.24944	.24167	1.9865	.25090	1.9393	.25292	-.00338	.25119
#2	.24443	19.353	.24848	9.7609	.24947	.23949	1.9730	.24862	1.9258	.25079	-.00551	.24866
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value												
Range												

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.47396**	**1.9498**	**.49849**	**.24506**	**.00063**	**.24117**	**.51039**	**.00515**	**.24158**	**.24641**	**.23766**
Stddev	.00422	.0068	.00446	.00163	.00065	.00000	.00133	.00287	.00005	.00031	.00145
%RSD	.89141	.34862	.89447	.66514	104.65	.00190	.25996	55.779	.01967	.12659	.61121
#1	.47695	1.9546	.50165	.24622	.00109	.24117	.51133	.00312	.24155	.24619	.23869
#2	.47098	1.9450	.49534	.24391	.00016	.24116	.50945	.00718	.24161	.24663	.23663
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value	.50000										
Range	-5.0000%										

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4979.6**	**72315.**	**6052.3**
Stddev	1.6	80.	17.3
%RSD	.03290	.11059	.28667
#1	4980.8	72372.	6040.1
#2	4978.4	72259.	6064.6

Sample Name: ICVL1018383 Acquired: 9/29/2011 11:44:17 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01034**	**.10399**	**.01525**	**.09667**	**.01026**	**.00096**	**.10782**	**.19664**	**.00478**	**.01059**	**.00996**
Stddev	.00002	.00015	.00327	.00035	.00028	.00004	.00045	.00178	.00003	.00015	.00015
%RSD	.23358	.14032	21.412	.36414	2.6871	3.9435	.41305	.90409	.61022	1.4393	1.5458
#1	.01032	.10388	.01294	.09692	.01046	.00098	.10814	.19790	.00476	.01048	.00985
#2	.01035	.10409	.01756	.09642	.01007	.00093	.10751	.19539	.00480	.01070	.01007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01579**	**.09362**	**3.0614**	**.00846**	**.20607**	**.01025**	**.02009**	**1.0582**	**.04168**	**2.8368**	**.00920**
Stddev	.00016	.00146	.0064	.00021	.00007	.00004	.00013	.0089	.00040	.0102	.00149
%RSD	.98410	1.5609	.20843	2.4471	.03167	.36589	.66816	.83682	.95526	.35999	16.186
#1	.01590	.09259	3.0569	.00831	.20602	.01028	.02000	1.0520	.04140	2.8440	.00814
#2	.01568	.09465	3.0659	.00860	.20611	.01022	.02019	1.0645	.04196	2.8296	.01025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00348**	**.01178**	**.01216**	**.49124**	**.09918**	**.01008**	**.01586**	**.00957**	**.01550**	W **.07675**	**.01013**
Stddev	.00183	.00028	.00214	.00495	.00095	.00005	.00038	.00004	.00048	.02162	.00037
%RSD	52.620	2.3831	17.602	1.0073	.95616	.49874	2.3698	.44735	3.1109	28.165	3.6110
#1	-.00477	.01158	.01065	.49474	.09985	.01005	.01612	.00954	.01584	.06146	.00987
#2	-.00218	.01198	.01368	.48774	.09851	.01012	.01559	.00960	.01516	.09203	.01038
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value										.06000	
Range										20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02129**	**.01256**
Stddev	.00082	.00072
%RSD	3.8408	5.7300
#1	.02187	.01206
#2	.02071	.01307
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5015.8**	**73235.**	**6041.7**
Stddev	7.6	294.	22.7
%RSD	.15152	.40162	.37545
#1	5021.2	73443.	6057.7
#2	5010.4	73027.	6025.6

Sample Name: CCVH-1018440 Acquired: 9/29/2011 11:46:57 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01643**	**49.943**	**-.00021**	**.00122**	**.00043**	**-.00008**	**1.0145**	**-.01795**	**-.00150**	**.00227**	**-.00035**	**.00197**	**49.944**
Stddev	.00025	.097	.00098	.00015	.00015	.00007	.0023	.00212	.00016	.00005	.00015	.00024	.139
%RSD	1.4925	.19384	460.63	12.444	35.149	88.684	.22884	11.834	10.417	2.2402	44.127	11.981	.27733
#1	-.01660	50.012	.00048	.00112	.00054	-.00013	1.0162	-.01645	-.00161	.00231	-.00045	.00214	50.042
#2	-.01625	49.875	-.00091	.00133	.00033	-.00003	1.0129	-.01946	-.00139	.00224	-.00024	.00180	49.846
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.03751**	**.00003**	**-.03830**	**-.00043**	**-.00183**	**251.33**	**.00102**	**.00206**	**-.00177**	**4.9275**	**-.00638**	**.00579**	**.01218**
Stddev	.00546	.00239	.00363	.00004	.00023	.27	.00022	.00177	.00057	.0029	.00090	.00435	.01022
%RSD	14.548	8101.6	9.4842	9.8040	12.475	.10547	22.115	85.629	32.430	.05833	14.035	75.169	83.956
#1	-.03365	.00172	-.04087	-.00040	-.00166	251.52	.00118	.00331	-.00217	4.9295	-.00701	.00271	.01941
#2	-.04137	-.00166	-.03573	-.00046	-.00199	251.15	.00086	.00081	-.00136	4.9254	-.00575	.00887	.00495
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00258**	**.00024**	**4.9268**	**-.00904**	**.00271**	**10.169**	**.00205**	**.00247**	**-.18659**
Stddev	.00011	.00004	.0209	.00002	.00092	.011	.00014	.00031	.00095
%RSD	4.2700	18.139	.42316	.22909	33.873	.10511	7.0013	12.612	.50741
#1	.00250	.00021	4.9415	-.00905	.00206	10.177	.00195	.00269	-.18726
#2	.00265	.00028	4.9120	-.00902	.00336	10.162	.00215	.00225	-.18592
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4793.9**	**69612.**	**5973.7**
Stddev	12.2	63.	73.2
%RSD	.25418	.09117	1.2257
#1	4785.2	69567.	5921.9
#2	4802.5	69657.	6025.5

Sample Name: CCV-1012098 Acquired: 9/29/2011 11:49:40 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50328**	**.52004**	**.99539**	**.51152**	**.50520**	**.50219**	**.00060**	**5.0583**	**.50713**	**.50903**	**.50562**	**.50649**	**2.5156**
Stddev	.00198	.00200	.00018	.00154	.00077	.00009	.00111	.0066	.00071	.00086	.00013	.00147	.0063
%RSD	.39271	.38400	.01797	.30036	.15292	.01836	183.68	.13047	.14053	.16860	.02495	.28942	.24839
#1	.50468	.52146	.99552	.51044	.50575	.50225	.00138	5.0536	.50763	.50842	.50553	.50752	2.5112
#2	.50188	.51863	.99527	.51261	.50466	.50212	-.00018	5.0630	.50662	.50964	.50571	.50545	2.5200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.408**	**1.0233**	**20.160**	**.50302**	**.50240**	**5.1292**	**.51116**	**1.0010**	**1.0201**	**-.00581**	**1.0023**	**.99797**	**5.0623**
Stddev	.145	.0009	.071	.00107	.00018	.0000	.00058	.0027	.0017	.00016	.0022	.00230	.0119
%RSD	.28777	.09078	.35360	.21308	.03600	.00007	.11429	.27362	.17103	2.7032	.21883	.23036	.23512
#1	50.510	1.0239	20.211	.50378	.50253	5.1292	.51075	1.0030	1.0189	-.00592	1.0039	.99960	5.0707
#2	50.305	1.0226	20.110	.50226	.50227	5.1292	.51157	.99911	1.0214	-.00570	1.0008	.99634	5.0539
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0166**	**.50218**	**-.00227**	**.49904**	**1.0283**	**.03552**	**.50157**	**.50146**	**.50175**
Stddev	.0020	.00088	.00009	.00220	.0007	.01060	.00069	.00079	.00249
%RSD	.19940	.17571	3.8867	.44165	.07067	29.854	.13715	.15702	.49723
#1	1.0151	.50280	-.00234	.50060	1.0277	.04302	.50206	.50090	.49999
#2	1.0180	.50155	-.00221	.49748	1.0288	.02802	.50108	.50202	.50352
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4968.1**	**71779.**	**6063.5**
Stddev	2.6	169.	18.6
%RSD	.05286	.23590	.30746
#1	4970.0	71659.	6050.3
#2	4966.2	71899.	6076.7

Sample Name: ICB Acquired: 9/29/2011 11:54:22 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00064**	**.00051**	**.00139**	**-.00055**	**.00001**	**.00005**	**-.00466**	**-.00832**	**.00011**	**-.00007**	**-.00020**	**-.00019**	**-.00414**
Stddev	.00028	.00117	.00181	.00015	.00036	.00004	.00067	.00010	.00006	.00020	.00013	.00000	.00082
%RSD	44.097	231.58	130.73	27.687	3355.3	87.340	14.412	1.1627	52.910	264.93	67.078	1.0247	19.812
#1	.00084	-.00032	.00267	-.00066	.00027	.00002	-.00419	-.00826	.00015	.00006	-.00010	-.00019	-.00356
#2	.00044	.00134	.00010	-.00044	-.00024	.00007	-.00514	-.00839	.00007	-.00021	-.00029	-.00019	-.00472
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit													
Low Limit													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.03356**	**-.00243**	**-.00155**	**-.00007**	**.00034**	**.01206**	**.00012**	**-.00080**	**-.00093**	**-.00643**	**.00311**	**-.00156**	**-.00142**
Stddev	.05102	.00229	.00185	.00004	.00023	.01123	.00003	.00066	.00138	.00010	.00133	.00183	.00102
%RSD	152.03	94.225	119.74	52.134	69.627	93.141	26.989	81.711	148.60	1.5965	42.560	117.39	71.960
#1	-.06963	-.00081	-.00024	-.00005	.00017	.02001	.00009	-.00034	-.00191	-.00650	.00218	-.00285	-.00070
#2	.00252	-.00406	-.00286	-.00010	.00050	.00412	.00014	-.00127	.00005	-.00636	.00405	-.00026	-.00214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit													
Low Limit													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00073**	**-.00007**	**.00072**	**-.00018**	**-.00212**	**-.00290**	**-.00006**	**.00154**	**-.00052**
Stddev	.00052	.00011	.00129	.00037	.00037	.00736	.00048	.00058	.00035
%RSD	72.020	167.46	177.36	203.53	17.568	253.40	745.33	37.714	68.742
#1	.00036	-.00015	-.00018	-.00044	-.00186	.00230	-.00040	.00195	-.00027
#2	.00110	.00001	.00163	.00008	-.00238	-.00810	.00027	.00113	-.00077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit									
Low Limit									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4972.8**	**73350.**	**6027.4**
Stddev	8.5	282.	47.8
%RSD	.17011	.38438	.79271
#1	4978.7	73550.	5993.6
#2	4966.8	73151.	6061.2

Sample Name: CRI-1018380 Acquired: 9/29/2011 11:57:04 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00988**	**.10257**	**.01042**	**.09277**	**.00515**	**.00097**	**.10529**	**.19714**	**.00496**	**.00509**	**.01004**
Stddev	.00041	.00054	.00171	.00012	.00050	.00006	.00224	.00549	.00003	.00017	.00029
%RSD	4.1439	.52618	16.450	.13436	9.6537	5.7359	2.1256	2.7826	.56655	3.3370	2.9211
#1	.00959	.10295	.00921	.09268	.00479	.00093	.10687	.19326	.00498	.00497	.01025
#2	.01017	.10219	.01163	.09285	.00550	.00101	.10370	.20102	.00494	.00521	.00983
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00981**	**.02676**	**.95605**	**.01189**	**.19555**	**.00302**	**.00952**	**1.0266**	**.01036**	**.92549**	W **.00196**
Stddev	.00014	.00081	.01374	.00084	.00023	.00005	.00052	.0008	.00017	.00428	.00007
%RSD	1.4386	3.0421	1.4376	7.0410	.11703	1.7695	5.4501	.07371	1.6319	.46231	3.8119
#1	.00991	.02619	.96577	.01129	.19539	.00299	.00989	1.0261	.01024	.92852	.00190
#2	.00971	.02734	.94633	.01248	.19571	.00306	.00916	1.0271	.01048	.92246	.00201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
Value											.00300
Range											-20.000%

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.09378**	W **.01262**	**.00973**	**.47877**	**.02042**	**.00492**	**.01072**	**.00947**	**.00935**	F **.09284**	**.00938**
Stddev	.00187	.00086	.00240	.01050	.00006	.00002	.00035	.00007	.00113	.01436	.00059
%RSD	1.9973	6.8487	24.678	2.1925	.29848	.46786	3.2398	.75999	12.120	15.467	6.2349
#1	.09246	.01201	.01143	.48619	.02038	.00490	.01097	.00942	.00855	.08269	.00980
#2	.09511	.01323	.00803	.47135	.02046	.00493	.01048	.00953	.01015	.10300	.00897
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.01000								.06000	
Range		20.000%								50.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.01077**	**.00804**
Stddev	.00038	.00036
%RSD	3.5667	4.4391
#1	.01050	.00829
#2	.01104	.00779
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5028.0**	**74758.**	**6081.4**
Stddev	2.9	96.	3.9
%RSD	.05731	.12842	.06430
#1	5025.9	74690.	6078.6
#2	5030.0	74826.	6084.1

Sample Name: CRI-1018378 Acquired: 9/29/2011 12:02:53 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02028**	**.21093**	**.01991**	**.19418**	**.01005**	**.00203**	**-.00672**	**.40887**	**.01026**	**.01059**	**.02075**
Stddev	.00014	.00223	.00165	.00054	.00024	.00002	.00041	.00337	.00005	.00009	.00017
%RSD	.68690	1.0587	8.3079	.27734	2.3500	1.0524	6.1442	.82372	.49484	.86666	.80799
#1	.02038	.21251	.01874	.19380	.01021	.00201	-.00702	.41125	.01030	.01066	.02087
#2	.02018	.20936	.02108	.19457	.00988	.00204	-.00643	.40649	.01023	.01053	.02063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02091**	**.05640**	**2.0230**	**.02261**	**.40154**	**.00616**	**.02005**	**2.0994**	**.02087**	**1.9190**	**.00559**
Stddev	.00017	.00021	.0852	.00042	.00268	.00006	.00014	.0148	.00030	.0007	.00041
%RSD	.79502	.37644	4.2112	1.8390	.66765	.94767	.72037	.70533	1.4529	.03570	7.4241
#1	.02079	.05625	2.0832	.02291	.39965	.00620	.01995	2.0890	.02066	1.9185	.00588
#2	.02103	.05655	1.9627	.02232	.40344	.00612	.02015	2.1099	.02108	1.9195	.00529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00047**	**.02318**	**.01669**	**.99595**	**.04124**	**.01028**	**.02100**	**.02035**	**.02052**	W **.14431**	**.01987**
Stddev	.00193	.00007	.00007	.00043	.00017	.00001	.00104	.00004	.00034	.00561	.00022
%RSD	412.33	.31426	.43254	.04348	.40842	.14413	4.9732	.19387	1.6434	3.8890	1.1146
#1	.00090	.02313	.01674	.99626	.04112	.01027	.02026	.02032	.02028	.14034	.01971
#2	-.00184	.02323	.01664	.99565	.04136	.01029	.02174	.02037	.02076	.14827	.02003
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value										.12000	
Range										20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.01969**	**.01908**
Stddev	.00042	.00042
%RSD	2.1282	2.1844
#1	.01939	.01879
#2	.01999	.01938
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5075.0**	**74964.**	**6141.0**
Stddev	5.1	500.	32.2
%RSD	.10080	.66745	.52393
#1	5071.4	75317.	6118.3
#2	5078.6	74610.	6163.8

Sample Name: ICSA-968777 Acquired: 9/29/2011 12:09:19 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**516.56**	**.00209**	W **-.00250**	**.00031**	**-.00038**	**.01443**	**472.86**	**-.00007**	**-.00068**
Stddev	.00003	.24	.00461	.00061	.00027	.00003	.00162	.95	.00010	.00008
%RSD	38.901	.04733	220.17	24.415	86.534	7.7231	11.240	.20142	150.49	12.329
#1	-.00005	516.39	.00535	-.00207	.00012	-.00040	.01558	472.19	-.00014	-.00074
#2	-.00009	516.73	-.00117	-.00294	.00050	-.00036	.01329	473.53	.00000	-.00062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit				.00156						
Low Limit				-.00156						

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00080**	F **.00375**	**187.58**	**-.05953**	**.00256**	**502.96**	F **.00210**	**-.00261**	**.07158**	**.00019**
Stddev	.00017	.00008	.02	.01554	.00209	5.85	.00009	.00066	.00773	.00035
%RSD	21.023	2.1170	.00926	26.097	81.608	1.1629	4.5243	25.209	10.798	183.91
#1	.00092	.00381	187.59	-.07051	.00404	507.10	.00216	-.00307	.07705	.00044
#2	.00068	.00369	187.57	-.04854	.00108	498.83	.00203	-.00214	.06612	-.00006
Check ?	Chk Warn	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	.00066	.00272					.00051			
Low Limit	-.00066	-.00272					-.00051			

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	W **.00415**	**-.08343**	F **.00756**	**-.00464**	**.01287**	**-.00121**	F **.00206**	**-.00649**	F **-.00273**
Stddev	.00447	.00110	.00134	.00402	.00141	.01541	.00011	.00003	.00329	.00021
%RSD	1222.5	26.385	1.6021	53.182	30.298	119.70	9.2671	1.2353	50.737	7.7392
#1	-.00353	.00493	-.08437	.01040	-.00563	.00198	-.00129	.00205	-.00416	-.00288
#2	.00280	.00338	-.08248	.00471	-.00364	.02376	-.00113	.00208	-.00882	-.00258
Check ?	Chk Pass	Chk Warn	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit		.00261		.00628				.00060		.00119
Low Limit		-.00261		-.00628				-.00060		-.00119

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00106**	**.18179**	F **.00325**	W **.00735**	W **-.00323**
Stddev	.00227	.05495	.00045	.00023	.00142
%RSD	213.40	30.226	13.791	3.1300	43.939
#1	-.00266	.14294	.00357	.00751	-.00424
#2	.00054	.22065	.00294	.00719	-.00223
Check ?	Chk Pass	None	Chk Fail	Chk Warn	Chk Warn
High Limit			.00222	.00453	.00238
Low Limit			-.00222	-.00453	-.00238

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4357.6**	**61744.**	**5829.7**
Stddev	12.9	184.	35.9
%RSD	.29629	.29829	.61655
#1	4348.4	61613.	5855.2
#2	4366.7	61874.	5804.3

Sample Name: ICSAB-985961 Acquired: 9/29/2011 12:12:52 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0941**	**511.91**	**2.0172**	**1.9358**	**.49401**	**.47515**	**1.0751**	**465.11**	**1.0312**	**.47485**	**.49790**	**.53050**	**186.13**	**50.909**
Stddev	.0051	.58	.0049	.0006	.00084	.00006	.0014	8.73	.0007	.00050	.00027	.00178	.16	.087
%RSD	.46484	.11308	.24229	.03222	.17057	.01268	.12949	1.8769	.06360	.10498	.05405	.33510	.08816	.17043
#1	1.0977	511.50	2.0138	1.9363	.49460	.47520	1.0741	458.94	1.0316	.47520	.49809	.53176	186.01	50.848
#2	1.0905	512.32	2.0207	1.9354	.49341	.47511	1.0761	471.28	1.0307	.47450	.49771	.52924	186.24	50.971
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value														
Range														

Elem	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0400**	**504.18**	**.49975**	**.97008**	**52.329**	**.93879**	**1.9667**	**.94877**	**9.8870**	**1.0245**	**4.8649**	**10.134**	**9.2126**	**1.0067**
Stddev	.0020	.12	.00287	.00060	.275	.00054	.0030	.00027	.0002	.0034	.0009	.021	.0036	.0001
%RSD	.19180	.02349	.57491	.06174	.52549	.05786	.15085	.02798	.00186	.33566	.01772	.20596	.03949	.00883
#1	1.0414	504.10	.50178	.97050	52.524	.93918	1.9646	.94896	9.8869	1.0269	4.8643	10.148	9.2152	1.0067
#2	1.0386	504.27	.49772	.96965	52.135	.93841	1.9688	.94859	9.8872	1.0221	4.8655	10.119	9.2100	1.0066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value														
Range														

Elem	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.0332**	**.99111**	**8.8378**	**.16450**	**.50401**	**.97895**	**.88616**
Stddev	.0106	.00434	.0068	.00635	.00102	.00772	.00061
%RSD	.52032	.43757	.07647	3.8621	.20142	.78852	.06902
#1	2.0407	.99418	8.8330	.16899	.50473	.98441	.88659
#2	2.0257	.98804	8.8425	.16001	.50329	.97350	.88572
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4356.8**	**61578.**	**5817.5**
Stddev	2.7	377.	35.1
%RSD	.06241	.61252	.60395
#1	4358.7	61311.	5842.4
#2	4354.9	61845.	5792.7

Sample Name: LRA-968791 Acquired: 9/29/2011 12:16:11 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.0109**	**-.19066**	**9.7961**	**9.5531**	**12.112**	**.00128**	**.05892**	**-.00873**	**1.9454**	**4.9668**	**9.9746**	**10.475**	**504.13**
Stddev	.0039	.00409	.0456	.0243	.044	.00006	.00018	.00323	.0058	.0168	.0405	.021	.72
%RSD	.19176	2.1427	.46520	.25431	.36660	4.5146	.29950	36.963	.29826	.33832	.40622	.20458	.14335
#1	2.0082	-.18777	9.8283	9.5703	12.143	.00124	.05880	-.00645	1.9495	4.9787	10.003	10.459	503.62
#2	2.0136	-.19355	9.7639	9.5359	12.081	.00132	.05905	-.01101	1.9413	4.9549	9.9460	10.490	504.64
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	None	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.14755**	**.00138**	**-.14949**	**9.8825**	**4.9140**	**.00537**	**9.9089**	**-.01156**	**10.160**	**-.03803**	**-.12635**	**4.8134**	**48.935**
Stddev	.07247	.00298	.00036	.0024	.0250	.00476	.0285	.00120	.019	.00071	.00177	.0308	.438
%RSD	49.119	215.36	.24324	.02413	.50933	88.746	.28813	10.399	.19122	1.8557	1.3979	.63966	.89517
#1	-.19879	.00349	-.14975	9.8809	4.9317	.00200	9.9291	-.01071	10.173	-.03853	-.12510	4.8351	48.625
#2	-.09630	-.00072	-.14923	9.8842	4.8963	.00873	9.8887	-.01241	10.146	-.03753	-.12760	4.7916	49.244
Check ?	None	None	None	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01295**	**9.9275**	**-.02771**	**9.8502**	**4.9858**	**.38168**	**10.071**	**9.6633**	**-.00003**
Stddev	.00003	.0946	.00196	.0931	.0173	.01742	.034	.0317	.00095
%RSD	.24804	.95321	7.0851	.94534	.34621	4.5636	.34093	.32835	3255.1
#1	-.01297	9.9945	-.02910	9.7843	4.9980	.39400	10.047	9.6409	.00064
#2	-.01293	9.8606	-.02632	9.9160	4.9736	.36936	10.096	9.6858	-.00070
Check ?	None	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4790.1**	**70071.**	**5885.5**
Stddev	4.9	215.	5.0
%RSD	.10195	.30640	.08563
#1	4793.6	70222.	5881.9
#2	4786.7	69919.	5889.0

Sample Name: CCVH-1018440 Acquired: 9/29/2011 12:19:04 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01614**	**50.036**	**.01164**	**.02998**	**.00183**	**-.00013**	**1.0133**	**-.01209**	**-.00119**	**.00285**	**.00173**	**.00262**	**49.915**
Stddev	.00072	.127	.00068	.00141	.00021	.00003	.0004	.00567	.00042	.00064	.00203	.00013	.116
%RSD	4.4695	.25335	5.8477	4.6881	11.604	22.939	.03457	46.909	35.425	22.536	117.06	4.9311	.23297
#1	-.01563	50.126	.01212	.03097	.00198	-.00011	1.0135	-.00808	-.00149	.00239	.00030	.00271	49.997
#2	-.01665	49.947	.01116	.02898	.00168	-.00016	1.0130	-.01609	-.00089	.00330	.00317	.00253	49.833
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.02898**	**.00089**	**-.03532**	**-.00004**	**.01315**	**252.74**	**.00210**	**.00373**	**-.00090**	**4.9217**	**-.00770**	**.01741**	**.04848**
Stddev	.02475	.00310	.00174	.00005	.00347	1.34	.00114	.00007	.00037	.0030	.00023	.00540	.01248
%RSD	85.391	348.01	4.9410	121.30	26.354	.53024	54.147	1.9795	41.464	.06083	3.0146	31.039	25.738
#1	-.01148	.00309	-.03655	-.00001	.01070	253.69	.00129	.00368	-.00116	4.9196	-.00754	.01359	.05731
#2	-.04648	-.00130	-.03408	-.00007	.01560	251.79	.00290	.00379	-.00063	4.9238	-.00787	.02123	.03966
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00341**	**.00089**	**4.9506**	**-.00591**	**.00440**	**10.259**	**.00272**	**.00280**	**-.18507**
Stddev	.00055	.00006	.0153	.00014	.00143	.105	.00027	.00032	.00153
%RSD	16.198	6.9771	.30985	2.3578	32.581	1.0244	9.8004	11.398	.82766
#1	.00381	.00094	4.9398	-.00601	.00338	10.185	.00253	.00258	-.18399
#2	.00302	.00085	4.9615	-.00581	.00541	10.334	.00290	.00303	-.18615
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4776.1**	**68826.**	**5843.0**
Stddev	16.0	230.	71.4
%RSD	.33518	.33359	1.2220
#1	4787.5	68664.	5792.5
#2	4764.8	68989.	5893.5

Sample Name: CCV-1012098 Acquired: 9/29/2011 12:21:45 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50491**	**.52305**	**.99827**	**.52354**	**.50437**	**.50011**	**-.00192**	**5.0627**	**.50700**	**.50929**	**.50604**	**.50827**	**2.4952**
Stddev	.00121	.00218	.00267	.00038	.00196	.00155	.00011	.0139	.00031	.00039	.00010	.00062	.0041
%RSD	.23891	.41657	.26743	.07324	.38800	.31032	5.6910	.27420	.06090	.07705	.02014	.12208	.16324
#1	.50576	.52151	1.0002	.52381	.50298	.49901	-.00184	5.0529	.50679	.50901	.50597	.50871	2.4923
#2	.50405	.52459	.99638	.52327	.50575	.50120	-.00199	5.0725	.50722	.50957	.50611	.50783	2.4981
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.507**	**1.0308**	**20.227**	**.50467**	**.50361**	**5.1001**	**.51202**	**1.0013**	**1.0183**	**-.00173**	**1.0058**	**.99977**	**5.0854**
Stddev	.130	.0059	.042	.00026	.00073	.0021	.00120	.0032	.0003	.00204	.0008	.00405	.0438
%RSD	.25721	.57300	.20808	.05155	.14585	.04144	.23516	.32087	.03183	118.26	.08490	.40473	.86160
#1	50.415	1.0266	20.257	.50486	.50413	5.1016	.51117	1.0036	1.0185	-.00028	1.0064	.99691	5.0544
#2	50.599	1.0350	20.197	.50449	.50309	5.0986	.51287	.99902	1.0180	-.00317	1.0052	1.0026	5.1164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0204**	**.50140**	**-.00168**	**.50048**	**1.0237**	**.01544**	**.50066**	**.50254**	**.49757**
Stddev	.0018	.00185	.00099	.00055	.0029	.00021	.00136	.00110	.00270
%RSD	.17779	.36969	59.148	.10904	.28141	1.3791	.27071	.21841	.54259
#1	1.0191	.50009	-.00098	.50086	1.0217	.01529	.50162	.50331	.49566
#2	1.0217	.50271	-.00238	.50009	1.0258	.01559	.49970	.50176	.49948
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4945.2**	**71815.**	**5934.9**
Stddev	1.4	167.	24.3
%RSD	.02816	.23212	.40969
#1	4944.2	71697.	5952.1
#2	4946.2	71932.	5917.7

Sample Name: CCB Acquired: 9/29/2011 12:24:13 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00081**	**.00207**	**.00141**	F **.00977**	**.00020**	**.00003**	**-.00675**	**-.00222**	**.00009**	**.00008**	**-.00022**
Stddev	.00071	.00007	.00027	.00032	.00033	.00009	.00033	.00292	.00005	.00007	.00004
%RSD	86.768	3.4372	19.386	3.3221	170.04	316.25	4.8268	131.41	55.005	92.225	18.205
#1	.00131	.00212	.00122	.00954	-.00004	.00009	-.00652	-.00428	.00006	.00013	-.00025
#2	.00031	.00202	.00160	.00999	.00043	-.00004	-.00698	-.00016	.00013	.00003	-.00020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00312							
Low Limit				-.00312							

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00009**	**-.00116**	**-.04905**	**-.00096**	**-.00004**	**.00008**	W **.00390**	**-.01355**	**.00021**	**-.00090**	**-.00019**
Stddev	.00037	.00042	.02989	.00037	.00266	.00000	.00070	.00723	.00002	.00169	.00130
%RSD	410.91	36.019	60.927	38.099	7117.2	5.5863	17.946	53.332	7.1571	188.10	674.45
#1	-.00035	-.00087	-.07019	-.00070	-.00192	.00008	.00340	-.00844	.00022	.00030	.00072
#2	.00017	-.00146	-.02792	-.00122	.00185	.00008	.00439	-.01866	.00020	-.00209	-.00111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00094**	F **.01607**	W **.00793**	**-.00115**	**.00125**	**.00012**	**-.00060**	**.00050**	**-.00064**	**.00968**	**-.00024**
Stddev	.00028	.00308	.00284	.00712	.00059	.00007	.00224	.00005	.00083	.00089	.00017
%RSD	29.554	19.168	35.789	619.60	46.913	57.492	370.20	9.7636	129.83	9.1870	70.218
#1	-.00114	.01389	.00592	.00388	.00166	.00017	.00098	.00047	-.00005	.00905	-.00012
#2	-.00074	.01825	.00994	-.00618	.00084	.00007	-.00218	.00054	-.00122	.01031	-.00036
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00143**	**-.00080**
Stddev	.00028	.00042
%RSD	19.224	52.054
#1	.00163	-.00109
#2	.00124	-.00051
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4981.4**	**73317.**	**5949.3**
Stddev	11.1	178.	2.1
%RSD	.22293	.24212	.03572
#1	4973.6	73192.	5950.8
#2	4989.3	73443.	5947.8

Sample Name: CCVL1018383 Acquired: 9/29/2011 12:26:55 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01033**	**.10817**	**.01512**	**.10382**	**.01010**	**.00100**	**.11109**	**.21177**	**.00508**	**.01056**	**.00995**
Stddev	.00028	.00031	.00042	.00117	.00013	.00005	.00098	.00055	.00010	.00009	.00029
%RSD	2.7545	.29048	2.7978	1.1314	1.2554	4.7620	.88471	.26059	2.0384	.85057	2.8988
#1	.01053	.10795	.01482	.10465	.01019	.00096	.11040	.21138	.00515	.01050	.00975
#2	.01013	.10840	.01542	.10299	.01001	.00103	.11179	.21216	.00501	.01062	.01016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01545**	**.11073**	**2.9936**	**.01007**	**.20847**	**.01078**	**.02022**	**1.0458**	**.04189**	**2.8652**	**.00910**
Stddev	.00009	.00106	.0137	.00055	.00187	.00007	.00028	.0102	.00034	.0022	.00086
%RSD	.58360	.96144	.45604	5.4872	.89764	.69196	1.4052	.97600	.81689	.07529	9.4199
#1	.01539	.11148	3.0033	.00968	.20980	.01083	.02002	1.0530	.04165	2.8667	.00849
#2	.01551	.10997	2.9840	.01046	.20715	.01072	.02042	1.0386	.04213	2.8637	.00970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00171**	W **.01217**	**.01466**	**.50155**	**.10181**	**.01019**	**.01482**	**.00968**	**.01502**	**.05563**	**.01005**
Stddev	.00216	.00000	.00353	.00416	.00001	.00011	.00020	.00031	.00070	.00139	.00002
%RSD	126.46	.01777	24.072	.82996	.00857	1.0955	1.3517	3.2347	4.6736	2.5036	.18220
#1	-.00324	.01217	.01716	.50449	.10181	.01026	.01468	.00990	.01453	.05662	.01004
#2	-.00018	.01217	.01217	.49860	.10182	.01011	.01496	.00946	.01552	.05465	.01006
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.01000									
Range		20.000%									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02348**	**.01440**
Stddev	.00011	.00218
%RSD	.48557	15.144
#1	.02356	.01286
#2	.02340	.01595
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5038.4**	**74227.**	**6017.8**
Stddev	9.0	67.	84.9
%RSD	.17845	.09017	1.4106
#1	5044.7	74180.	5957.8
#2	5032.0	74275.	6077.9

Sample Name: MB 280-87503/1-A Acquired: 9/29/2011 12:29:34 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00060**	**.00726**	**-.00273**	**.00407**	**.00049**	**-.00004**	W **-.00573**	**.08422**	**-.00007**	**.00019**
Stddev	.00032	.00028	.00233	.00012	.00010	.00018	.00114	.00007	.00019	.00008
%RSD	53.136	3.8217	85.306	2.9640	20.016	427.14	19.881	.08724	285.88	42.297
#1	.00082	.00706	-.00108	.00399	.00042	.00009	-.00654	.08417	.00007	.00013
#2	.00037	.00746	-.00437	.00416	.00056	-.00017	-.00493	.08428	-.00020	.00025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							.00500			
Low Limit							-.00500			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00067**	**.00039**	**.01321**	**-.04471**	**-.00124**	**.01417**	**.00022**	**.00014**	**.41581**	**.00060**
Stddev	.00008	.00012	.00297	.05792	.00207	.00024	.00005	.00022	.00764	.00041
%RSD	11.567	30.038	22.493	129.56	166.57	1.6845	25.051	163.38	1.8375	68.980
#1	.00073	.00031	.01531	-.00375	-.00271	.01434	.00018	-.00002	.42121	.00031
#2	.00062	.00047	.01111	-.08566	.00022	.01400	.00026	.00029	.41041	.00089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00484**	**.00174**	**.03105**	**.00435**	**-.00305**	**.01075**	**.00753**	**.00011**	**.00004**	**.00040**
Stddev	.00051	.00044	.00213	.00042	.00377	.00792	.00063	.00005	.00077	.00015
%RSD	10.541	25.163	6.8699	9.6060	123.71	73.681	8.3803	45.985	1897.2	36.957
#1	.00448	.00143	.02954	.00405	-.00572	.01636	.00708	.00008	-.00051	.00029
#2	.00520	.00205	.03256	.00464	-.00038	.00515	.00797	.00015	.00059	.00050
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00072**	**.00068**	**-.00008**	**.00232**	**-.00134**
Stddev	.00094	.00769	.00028	.00026	.00053
%RSD	130.96	1129.9	339.43	11.309	39.160
#1	-.00138	.00612	.00011	.00251	-.00097
#2	-.00005	-.00476	-.00028	.00214	-.00172
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5128.0**	**75990.**	**6213.2**
Stddev	17.3	77.	12.7
%RSD	.33761	.10126	.20423
#1	5115.8	76044.	6204.3
#2	5140.3	75935.	6222.2

Sample Name: LCS 280-87503/2-A Acquired: 9/29/2011 12:32:15 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04653**	**1.8781**	**.96555**	**.95465**	**1.9644**	**.04863**	**2.0736**	**48.762**	**.09066**	**.48084**
Stddev	.00002	.0044	.00156	.00145	.0008	.00003	.0031	.025	.00032	.00001
%RSD	.03869	.23348	.16203	.15217	.04197	.05921	.14793	.05210	.35173	.00129
#1	.04654	1.8750	.96445	.95363	1.9638	.04865	2.0758	48.744	.09044	.48085
#2	.04652	1.8812	.96666	.95568	1.9650	.04861	2.0714	48.780	.09089	.48084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19537**	**.24881**	**.96851**	**48.862**	**.99389**	**47.183**	**.47980**	**.97900**	**50.929**	**.48459**
Stddev	.00036	.00033	.00293	.095	.00009	.034	.00018	.00154	.870	.00163
%RSD	.18505	.13136	.30219	.19484	.00902	.07292	.03691	.15695	1.7088	.33570
#1	.19512	.24904	.96644	48.795	.99396	47.158	.47967	.97791	51.544	.48344
#2	.19563	.24858	.97058	48.930	.99383	47.207	.47992	.98008	50.314	.48574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.7837**	**.48041**	**.03142**	**.47883**	**1.9117**	**3.4226**	**1.9470**	**.98565**	**.96254**	**.97641**
Stddev	.0133	.00041	.00090	.00219	.0035	.0096	.0057	.00004	.00034	.00113
%RSD	.13590	.08526	2.8581	.45769	.18492	.28006	.29553	.00437	.03579	.11599
#1	9.7743	.48070	.03078	.48038	1.9092	3.4158	1.9429	.98568	.96230	.97561
#2	9.7931	.48012	.03205	.47728	1.9142	3.4294	1.9510	.98562	.96279	.97722
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9403**	**2.1017**	**.48883**	**.47267**	**.45798**
Stddev	.0038	.0419	.00057	.00110	.00177
%RSD	.19471	1.9928	.11654	.23226	.38666
#1	1.9376	2.0721	.48923	.47345	.45673
#2	1.9430	2.1313	.48843	.47190	.45923
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4832.5**	**71273.**	**6074.2**
Stddev	10.2	237.	59.0
%RSD	.21006	.33268	.97130
#1	4839.7	71441.	6115.9
#2	4825.3	71105.	6032.5

Sample Name: 280-20584-A-1-A Acquired: 9/29/2011 12:34:40 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00139**	**62.459**	**.02353**	**.01129**	**.79149**	**.00333**	**-.00724**	**108.68**	**.00102**	**.08200**
Stddev	.00042	.049	.00319	.00014	.00101	.00003	.00139	.00	.00011	.00004
%RSD	30.454	.07902	13.549	1.1959	.12742	.78047	19.174	.00123	10.323	.05111
#1	-.00109	62.424	.02127	.01139	.79077	.00335	-.00626	108.68	.00110	.08203
#2	-.00168	62.494	.02578	.01119	.79220	.00331	-.00822	108.67	.00095	.08197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08150**	**.16837**	**207.81**	**10.679**	**.05478**	**47.004**	**3.1472**	**.00513**	**6.1326**	**.14087**
Stddev	.00029	.00036	.25	.037	.00057	.124	.0067	.00065	.0052	.00006
%RSD	.35929	.21465	.11815	.34245	1.0461	.26432	.21419	12.742	.08489	.04561
#1	.08130	.16811	207.64	10.653	.05519	46.916	3.1424	.00467	6.1363	.14083
#2	.08171	.16862	207.98	10.705	.05438	47.092	3.1520	.00559	6.1290	.14092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.7672**	**.05188**	**2.4659**	**.00575**	**.00715**	**3.3466**	**-.02037**	**.36322**	**.01458**	W **17.273**
Stddev	.0103	.00092	.0063	.00045	.00065	.0792	.00103	.00076	.00204	.067
%RSD	.10564	1.7639	.25495	7.8394	9.0345	2.3659	5.0393	.20986	13.987	.38960
#1	9.7599	.05124	2.4615	.00543	.00670	3.4025	-.02110	.36268	.01314	17.225
#2	9.7745	.05253	2.4704	.00606	.00761	3.2906	-.01965	.36376	.01602	17.320
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										10.000
Low Limit										-.01000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00538**	**-.01245**	**.53579**	**.47289**	**.21252**
Stddev	.00006	.01988	.00118	.00165	.00128
%RSD	1.1430	159.64	.22008	.34834	.60037
#1	.00542	.00160	.53495	.47172	.21162
#2	.00534	-.02651	.53662	.47405	.21343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5464.5**	**79113.**	**6920.0**
Stddev	10.1	418.	31.3
%RSD	.18509	.52828	.45194
#1	5471.6	79408.	6897.9
#2	5457.3	78817.	6942.1

Sample Name: sd 280-20584-A-1-A@5 Acquired: 9/29/2011 12:37:22 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**13.679**	**.00211**	**.00293**	**.17334**	**.00065**	**-.00628**	**23.648**	**.00009**	**.01908**
Stddev	.00005	.034	.00109	.00043	.00016	.00007	.00387	.009	.00002	.00014
%RSD	17.574	.24631	51.805	14.844	.08952	10.216	61.680	.03734	22.535	.75170
#1	-.00024	13.703	.00134	.00323	.17345	.00070	-.00901	23.642	.00010	.01898
#2	-.00030	13.655	.00288	.00262	.17323	.00060	-.00354	23.654	.00007	.01918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01766**	**.03681**	**46.216**	**2.2587**	**.01311**	**10.502**	**.70763**	**.00048**	**1.2973**	**.03194**
Stddev	.00021	.00011	.116	.0337	.00128	.031	.00188	.00029	.0028	.00029
%RSD	1.1891	.29274	.25047	1.4938	9.7974	.29063	.26530	61.603	.21375	.90119
#1	.01751	.03673	46.297	2.2349	.01402	10.480	.70630	.00027	1.2953	.03214
#2	.01780	.03688	46.134	2.2826	.01220	10.524	.70896	.00068	1.2992	.03173
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1322**	**.01171**	**.52766**	**.00291**	**-.00254**	**.73716**	**-.00514**	**.07974**	**.00257**	**3.7940**
Stddev	.0028	.00033	.00200	.00001	.00289	.01534	.00082	.00006	.00103	.0082
%RSD	.13047	2.8328	.37847	.43473	113.86	2.0813	15.891	.07092	40.304	.21713
#1	2.1302	.01194	.52907	.00290	-.00458	.72631	-.00572	.07978	.00330	3.7881
#2	2.1342	.01147	.52624	.00292	-.00049	.74801	-.00456	.07970	.00183	3.7998
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00144**	**.00726**	**.11754**	**.10585**	**.04481**
Stddev	.00034	.00857	.00033	.00083	.00011
%RSD	23.836	118.00	.27782	.78685	.25382
#1	.00120	.01332	.11730	.10526	.04473
#2	.00169	.00120	.11777	.10644	.04489
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5245.8**	**77285.**	**6377.3**
Stddev	1.9	378.	88.6
%RSD	.03542	.48920	1.3893
#1	5244.5	77552.	6314.6
#2	5247.1	77018.	6439.9

Sample Name: 280-20584-A-1-B DU Acquired: 9/29/2011 12:39:58 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00103**	**58.272**	**.01721**	**.00873**	**.71561**	**.00332**	**-.00477**	**117.05**	**.00089**	**.08800**
Stddev	.00004	.024	.00204	.00030	.00003	.00004	.00135	.14	.00004	.00013
%RSD	4.0533	.04102	11.843	3.3790	.00363	1.1530	28.267	.11631	4.7062	.14801
#1	-.00100	58.289	.01865	.00853	.71563	.00330	-.00572	117.15	.00092	.08791
#2	-.00106	58.255	.01577	.00894	.71559	.00335	-.00382	116.95	.00086	.08809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.09078**	**.17802**	**219.09**	**10.617**	**.05604**	**52.343**	**2.9169**	**.00153**	**5.8704**	**.13233**
Stddev	.00011	.00051	.10	.015	.00052	.011	.0149	.00001	.0057	.00067
%RSD	.12658	.28913	.04677	.13828	.93232	.02023	.50942	.84325	.09766	.50458
#1	.09070	.17839	219.16	10.627	.05567	52.351	2.9064	.00154	5.8663	.13186
#2	.09086	.17766	219.01	10.607	.05641	52.336	2.9274	.00152	5.8744	.13280
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.703**	**.04532**	**2.4941**	**.00212**	**-.00436**	**3.3228**	**-.01893**	**.36594**	**.01500**	W **16.054**
Stddev	.004	.00136	.0016	.00344	.00015	.0459	.00037	.00063	.00207	.104
%RSD	.04020	2.9900	.06319	162.29	3.4630	1.3809	1.9397	.17137	13.808	.64955
#1	10.706	.04436	2.4930	.00455	-.00425	3.2904	-.01919	.36638	.01354	15.981
#2	10.700	.04628	2.4952	-.00031	-.00446	3.3553	-.01867	.36549	.01647	16.128
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										10.000
Low Limit										-.01000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00520**	**.00755**	**.56240**	**.44770**	**.19674**
Stddev	.00001	.05927	.00084	.00086	.00013
%RSD	.13758	784.77	.14952	.19237	.06509
#1	.00519	.04947	.56300	.44709	.19683
#2	.00520	-.03436	.56181	.44831	.19665
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5501.0**	**80805.**	**7029.9**
Stddev	5.3	216.	76.8
%RSD	.09688	.26778	1.0929
#1	5504.8	80958.	6975.5
#2	5497.3	80652.	7084.2

Sample Name: 80-20584-A-1-C MS Acquired: 9/29/2011 12:42:41 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03948**	**76.790**	**.86246**	**.82135**	**2.3317**	**.04553**	**1.8337**	**145.84**	**.08087**	**.49951**
Stddev	.00091	.112	.00059	.00012	.0027	.00008	.0049	.08	.00017	.00086
%RSD	2.2986	.14576	.06866	.01452	.11386	.17633	.26605	.05661	.20941	.17146
#1	.03884	76.711	.86205	.82126	2.3298	.04547	1.8372	145.79	.08099	.49890
#2	.04013	76.869	.86288	.82143	2.3336	.04558	1.8303	145.90	.08075	.50012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.25138**	**.39523**	**229.41**	**55.363**	**.93442**	**93.286**	**3.4982**	**.83094**	**52.977**	**.54637**
Stddev	.00011	.00101	.11	.055	.00066	.091	.0208	.00075	.374	.00014
%RSD	.04414	.25507	.04872	.09971	.07115	.09713	.59337	.09033	.70657	.02531
#1	.25130	.39452	229.34	55.324	.93395	93.350	3.5129	.83147	53.241	.54627
#2	.25145	.39594	229.49	55.402	.93490	93.222	3.4835	.83041	52.712	.54647
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.150**	**.45393**	**2.0869**	**.30605**	**1.6585**	**6.5469**	**1.6336**	**1.2267**	**.85672**	W **17.846**
Stddev	.017	.00249	.0048	.00346	.0024	.0668	.0025	.0016	.00415	.037
%RSD	.08212	.54876	.22818	1.1316	.14754	1.0205	.15440	.13068	.48476	.20747
#1	20.138	.45569	2.0903	.30850	1.6602	6.4997	1.6318	1.2256	.85965	17.873
#2	20.162	.45217	2.0836	.30360	1.6567	6.5942	1.6354	1.2278	.85378	17.820
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										10.000
Low Limit										-.01000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6154**	**1.7586**	**.99310**	**.85595**	**.66125**
Stddev	.0002	.0357	.00033	.00109	.00268
%RSD	.01410	2.0325	.03339	.12786	.40491
#1	1.6156	1.7333	.99287	.85672	.65936
#2	1.6153	1.7839	.99334	.85517	.66314
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5455.9**	**80375.**	**7042.3**
Stddev	13.7	571.	44.7
%RSD	.25056	.71000	.63423
#1	5465.5	79972.	7010.7
#2	5446.2	80779.	7073.9

Sample Name: 280-20584-A-2-A Acquired: 9/29/2011 12:45:19 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00168**	**62.049**	**.02279**	**.00598**	**.59674**	**.00383**	**-.00792**	**69.760**	**.00083**	**.09205**
Stddev	.00039	.326	.00006	.00009	.00129	.00002	.00201	.279	.00009	.00008
%RSD	22.896	.52508	.25117	1.4510	.21663	.47635	25.314	.39996	10.481	.08446
#1	-.00195	62.279	.02283	.00604	.59765	.00385	-.00934	69.957	.00077	.09200
#2	-.00141	61.818	.02275	.00592	.59582	.00382	-.00651	69.563	.00089	.09211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.06834**	**.17326**	**232.44**	**9.6136**	**.06470**	**47.557**	**3.3047**	**.00558**	**3.4206**	**.10554**
Stddev	.00002	.00012	.60	.0252	.00090	.142	.0373	.00090	.0018	.00025
%RSD	.02871	.06898	.25807	.26258	1.3972	.29834	1.1280	16.188	.05117	.23816
#1	.06836	.17318	232.87	9.6315	.06534	47.457	3.2783	.00494	3.4194	.10571
#2	.06833	.17335	232.02	9.5958	.06406	47.658	3.3310	.00622	3.4218	.10536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.547**	**.04578**	**1.8308**	**.00490**	**.00607**	**3.8616**	**-.02528**	**.23307**	**.01712**	W **20.253**
Stddev	.012	.00138	.0026	.00112	.00246	.1507	.00043	.00078	.00224	.021
%RSD	.11647	3.0140	.14334	22.917	40.600	3.9017	1.6895	.33266	13.065	.10595
#1	10.556	.04481	1.8327	.00570	.00433	3.9682	-.02558	.23362	.01554	20.238
#2	10.538	.04676	1.8290	.00411	.00781	3.7551	-.02498	.23252	.01871	20.268
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										10.000
Low Limit										-.01000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00621**	**-.01602**	**.59000**	**.46246**	**.23221**
Stddev	.00085	.01389	.00205	.00320	.00209
%RSD	13.659	86.657	.34800	.69095	.89835
#1	.00561	-.00620	.58855	.46020	.23074
#2	.00681	-.02584	.59145	.46472	.23369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5587.0**	**81422.**	**7101.0**
Stddev	16.4	762.	25.1
%RSD	.29270	.93643	.35293
#1	5575.4	81961.	7083.3
#2	5598.5	80883.	7118.7

Sample Name: 280-20584-A-3-A Acquired: 9/29/2011 12:48:07 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00060**	**72.618**	**.02449**	**.01028**	**.64887**	**.00311**	**-.00241**	**94.651**	**.00099**	**.06535**
Stddev	.00002	.034	.00022	.00051	.00070	.00018	.00197	.040	.00003	.00062
%RSD	2.9344	.04715	.88952	4.9229	.10713	5.7668	81.614	.04266	3.0240	.94882
#1	-.00059	72.642	.02464	.01064	.64936	.00324	-.00102	94.622	.00097	.06491
#2	-.00062	72.594	.02433	.00992	.64838	.00298	-.00381	94.679	.00102	.06579
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.11410**	**.15126**	**171.57**	**13.277**	**.07451**	**44.828**	**2.9411**	**.00186**	**5.0743**	**.11358**
Stddev	.00030	.00090	.03	.003	.00075	.279	.0180	.00006	.0014	.00077
%RSD	.26302	.59309	.01782	.02147	1.0068	.62173	.61219	3.1581	.02702	.68151
#1	.11431	.15189	171.55	13.279	.07398	45.025	2.9538	.00182	5.0753	.11413
#2	.11389	.15063	171.60	13.275	.07504	44.631	2.9283	.00190	5.0734	.11303
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.5570**	**.03998**	**1.0479**	**.00095**	**-.00452**	**3.9701**	**-.01106**	**.39329**	**.02070**	W **10.427**
Stddev	.0089	.00031	.0012	.00068	.00062	.0291	.00023	.00089	.00120	.144
%RSD	.11711	.76934	.11652	72.043	13.598	.73241	2.1050	.22535	5.7894	1.3771
#1	7.5632	.04020	1.0470	.00047	-.00409	3.9906	-.01089	.39391	.02155	10.528
#2	7.5507	.03976	1.0487	.00143	-.00496	3.9495	-.01122	.39266	.01985	10.325
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										10.000
Low Limit										-.01000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00271**	**-.01850**	**.38403**	**.36622**	**.13781**
Stddev	.00295	.00023	.00222	.00184	.00351
%RSD	109.21	1.2254	.57701	.50267	2.5501
#1	.00062	-.01834	.38559	.36752	.14029
#2	.00479	-.01866	.38246	.36492	.13532
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5281.3**	**77160.**	**6674.1**
Stddev	22.4	529.	20.0
%RSD	.42373	.68572	.29929
#1	5265.5	76786.	6688.2
#2	5297.1	77534.	6659.9

Sample Name: 280-20584-A-4-A Acquired: 9/29/2011 12:50:51 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87503 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00228**	**54.742**	**.01609**	**.00283**	**.61089**	**.00376**	W **-.01680**	**66.293**	**.00108**	**.09939**
Stddev	.00005	.258	.00364	.00054	.00213	.00009	.00271	.329	.00002	.00061
%RSD	2.0994	.47180	22.625	19.023	.34933	2.2738	16.140	.49686	1.7137	.61401
#1	-.00231	54.925	.01866	.00245	.61240	.00370	-.01872	66.526	.00109	.09982
#2	-.00224	54.559	.01352	.00321	.60938	.00382	-.01489	66.060	.00106	.09895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							3.0000			
Low Limit							-.01000			

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.06329**	**.17216**	**273.09**	**8.5091**	**.04554**	**47.695**	**3.4891**	**.00184**	**3.7420**	**.09866**
Stddev	.00021	.00026	1.25	.0407	.00133	.112	.0265	.00012	.0128	.00021
%RSD	.33267	.15063	.45679	.47806	2.9266	.23579	.76055	6.2929	.34255	.21369
#1	.06344	.17235	273.97	8.5379	.04649	47.774	3.5078	.00175	3.7510	.09881
#2	.06314	.17198	272.21	8.4804	.04460	47.615	3.4703	.00192	3.7329	.09851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.290**	**.03036**	**1.1076**	**.00124**	**-.00311**	**3.0790**	**-.03401**	**.22587**	**.00904**	F **25.518**
Stddev	.029	.00030	.0108	.00258	.00149	.0605	.00050	.00075	.00037	.134
%RSD	.21798	.98941	.97378	207.63	47.854	1.9663	1.4580	.33068	4.0483	.52639
#1	13.311	.03057	1.1152	.00307	-.00416	3.1218	-.03366	.22640	.00878	25.423
#2	13.270	.03015	1.0999	-.00058	-.00206	3.0362	-.03436	.22534	.00930	25.613
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit										25.000
Low Limit										-.02000

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00738**	**.00137**	**.73323**	**.54686**	**.28018**
Stddev	.00070	.00852	.00078	.00125	.00033
%RSD	9.4368	620.54	.10595	.22904	.11905
#1	.00689	.00739	.73268	.54775	.28042
#2	.00787	-.00465	.73378	.54598	.27995
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5671.8**	**83076.**	**7149.8**
Stddev	22.1	220.	12.3
%RSD	.39052	.26442	.17197
#1	5656.1	82921.	7141.1
#2	5687.4	83232.	7158.5

Sample Name: CCVH-1018440 Acquired: 9/29/2011 12:53:44 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01677**	**49.650**	**-.00360**	**.00134**	**.00074**	**-.00002**	**1.0265**	**-.01402**	**-.00136**	**.00221**	**-.00024**	**.00118**	**49.176**
Stddev	.00044	.154	.00092	.00021	.00016	.00002	.0039	.00261	.00008	.00028	.00001	.00063	.170
%RSD	2.6369	.31066	25.595	15.808	21.405	69.926	.38146	18.613	5.8488	12.614	3.2688	53.010	.34573
#1	-.01708	49.541	-.00426	.00149	.00086	-.00001	1.0292	-.01587	-.00130	.00202	-.00024	.00074	49.055
#2	-.01646	49.759	-.00295	.00119	.00063	-.00003	1.0237	-.01218	-.00141	.00241	-.00023	.00162	49.296
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01660**	**.00119**	**-.03248**	**.00037**	**-.00211**	**252.62**	**.00055**	**.00825**	**-.00156**	**4.9693**	**-.00717**	**.00350**	**.01754**
Stddev	.02720	.00129	.00048	.00002	.00009	.80	.00014	.00272	.00217	.0000	.00004	.00216	.00510
%RSD	163.86	108.95	1.4665	5.9469	4.0874	.31546	25.297	33.010	138.65	.00071	.53968	61.558	29.081
#1	.00263	.00027	-.03282	.00038	-.00205	252.06	.00065	.00632	-.00003	4.9693	-.00720	.00198	.02115
#2	-.03584	.00210	-.03215	.00035	-.00217	253.19	.00045	.01018	-.00310	4.9694	-.00714	.00503	.01393
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00233**	**.00035**	**4.9216**	**-.00024**	**.00196**	**10.180**	**.00200**	**.00221**	**-.18735**
Stddev	.00046	.00008	.0051	.00021	.00101	.017	.00006	.00014	.00173
%RSD	19.875	22.731	.10342	85.462	51.367	.16507	2.8563	6.1724	.92109
#1	.00200	.00040	4.9252	-.00039	.00267	10.192	.00204	.00231	-.18857
#2	.00266	.00029	4.9180	-.00010	.00125	10.168	.00196	.00211	-.18613
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4869.6**	**70659.**	**5998.5**
Stddev	7.2	353.	62.3
%RSD	.14772	.49977	1.0390
#1	4874.7	70410.	6042.6
#2	4864.5	70909.	5954.4

Sample Name: CCV-1012098 Acquired: 9/29/2011 12:56:28 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50399**	**.51999**	**.99439**	**.51047**	**.50368**	**.49631**	**-.00208**	**4.9991**	**.50624**	**.50844**	**.50518**	**.50833**	**2.4506**
Stddev	.00268	.00409	.00062	.00082	.00177	.00028	.00130	.0039	.00025	.00022	.00042	.00068	.0038
%RSD	.53251	.78684	.06263	.16085	.35070	.05594	62.307	.07783	.04938	.04323	.08260	.13317	.15647
#1	.50209	.51710	.99395	.50989	.50243	.49611	-.00117	5.0019	.50606	.50829	.50548	.50785	2.4533
#2	.50589	.52288	.99483	.51106	.50492	.49651	-.00300	4.9964	.50641	.50860	.50489	.50881	2.4479
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.551**	**1.0318**	**20.128**	**.50464**	**.49942**	**5.1001**	**.51181**	**1.0036**	**1.0124**	**.01245**	**1.0031**	**.99264**	**5.0155**
Stddev	.011	.0008	.105	.00190	.00105	.0068	.00031	.0051	.0000	.00090	.0029	.00369	.0268
%RSD	.02089	.08095	.52383	.37722	.21039	.13313	.06062	.51240	.00106	7.2036	.28663	.37179	.53349
#1	50.559	1.0324	20.053	.50330	.50016	5.0953	.51159	.99992	1.0124	.01182	1.0051	.99525	5.0344
#2	50.544	1.0312	20.202	.50599	.49868	5.1049	.51203	1.0072	1.0124	.01309	1.0010	.99003	4.9965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0219**	**.50123**	**-.00261**	**.49948**	**1.0262**	**.01697**	**.49959**	**.49932**	**.50156**
Stddev	.0004	.00075	.00020	.00226	.0007	.02504	.00390	.00418	.00302
%RSD	.04404	.15016	7.8063	.45320	.07089	147.54	.78138	.83676	.60302
#1	1.0222	.50070	-.00246	.49787	1.0257	-.00073	.49683	.49636	.50369
#2	1.0216	.50177	-.00275	.50108	1.0267	.03468	.50235	.50227	.49942
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4999.9**	**72771.**	**6029.4**
Stddev	13.5	634.	46.6
%RSD	.27039	.87128	.77260
#1	5009.5	73220.	5996.4
#2	4990.4	72323.	6062.3

Sample Name: CCB Acquired: 9/29/2011 12:58:54 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**.00005**	**.00305**	**.00049**	**.00005**	**.00004**	**-.00354**	**-.00696**	**-.00007**	**.00025**	**-.00012**	**-.00011**
Stddev	.00008	.00061	.00017	.00041	.00028	.00001	.00082	.00291	.00013	.00017	.00004	.00007
%RSD	23.343	1213.9	5.4354	82.585	567.08	23.944	23.047	41.788	174.92	70.796	29.305	65.634
#1	.00030	.00048	.00316	.00020	.00025	.00003	-.00296	-.00490	-.00017	.00012	-.00015	-.00015
#2	.00042	-.00038	.00293	.00078	-.00015	.00004	-.00412	-.00901	.00002	.00037	-.00010	-.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit												
Low Limit												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00012**	**-.04106**	**-.00034**	**-.00105**	**-.00010**	**.00312**	**-.00152**	**.00024**	**.00071**	**.00013**	**-.00245**	F **.01674**
Stddev	.00112	.01380	.00154	.00099	.00002	.00081	.00393	.00034	.00049	.00086	.00211	.00171
%RSD	943.26	33.614	457.36	94.053	18.937	25.907	259.62	143.07	69.126	639.55	86.167	10.242
#1	-.00067	-.03130	-.00142	-.00175	-.00009	.00255	.00127	.00048	.00036	.00074	-.00395	.01553
#2	.00091	-.05082	.00075	-.00035	-.00012	.00369	-.00430	.00000	.00106	-.00047	-.00096	.01795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail
High Limit												.00628
Low Limit												-.00628

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00482**	**.00275**	**.00196**	**-.00003**	**.00040**	**.00014**	**.00000**	**-.00304**	**.00035**	**.00113**	**-.00133**
Stddev	.00184	.00710	.00055	.00010	.00001	.00002	.00017	.00934	.00014	.00039	.00040
%RSD	38.237	258.20	27.892	283.26	2.3481	16.327	276390.	307.47	40.654	34.208	30.105
#1	.00351	.00778	.00158	-.00010	.00040	.00012	-.00012	-.00964	.00025	.00141	-.00105
#2	.00612	-.00227	.00235	.00003	.00041	.00016	.00012	.00357	.00045	.00086	-.00162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4986.0**	**73571.**	**5896.0**
Stddev	6.2	302.	18.3
%RSD	.12361	.41008	.31031
#1	4981.7	73358.	5883.1
#2	4990.4	73785.	5909.0

Sample Name: CCVL1018383 Acquired: 9/29/2011 13:01:35 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01016**	**.10643**	**.01418**	**.09738**	**.01037**	**.00104**	**.10815**	**.21961**	**.00496**	**.01068**	**.01006**
Stddev	.00035	.00120	.00135	.00008	.00016	.00000	.00281	.00250	.00008	.00019	.00005
%RSD	3.4879	1.1265	9.5350	.08376	1.5602	.23199	2.5952	1.1402	1.6316	1.7957	.45746
#1	.01041	.10728	.01513	.09743	.01025	.00104	.10617	.22138	.00491	.01054	.01010
#2	.00991	.10558	.01322	.09732	.01048	.00104	.11014	.21784	.00502	.01081	.01003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01541**	**.10801**	**3.0658**	**.00967**	**.20784**	**.01099**	**.01959**	**1.0732**	**.04222**	**2.8762**	**.00868**
Stddev	.00015	.00133	.0052	.00207	.00199	.00000	.00014	.0015	.00009	.0068	.00066
%RSD	.98037	1.2291	.16978	21.409	.95964	.00138	.69739	.14118	.20413	.23682	7.5799
#1	.01552	.10895	3.0621	.00821	.20925	.01099	.01949	1.0722	.04216	2.8714	.00915
#2	.01531	.10707	3.0695	.01113	.20643	.01099	.01969	1.0743	.04228	2.8810	.00822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00592**	W **.01213**	**.01524**	**.49339**	**.10250**	**.01012**	**.01370**	**.01016**	**.01529**	F **.10579**	**.01007**
Stddev	.00301	.00129	.00371	.01414	.00017	.00019	.00162	.00055	.00024	.04251	.00017
%RSD	50.799	10.635	24.353	2.8657	.16419	1.8581	11.807	5.4246	1.5778	40.178	1.6604
#1	.00380	.01304	.01787	.48340	.10262	.00999	.01485	.00977	.01546	.07574	.01019
#2	.00805	.01121	.01262	.50339	.10239	.01025	.01256	.01055	.01511	.13585	.00995
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.01000								.06000	
Range		20.000%								30.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	W **.02524**	**.01597**
Stddev	.00048	.00168
%RSD	1.8847	10.511
#1	.02557	.01716
#2	.02490	.01479
Check ?	Chk Warn	Chk Pass
Value	.02000	
Range	20.000%	

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5092.2**	**76098.**	**6123.9**
Stddev	24.8	223.	30.1
%RSD	.48692	.29328	.49147
#1	5109.7	75940.	6145.2
#2	5074.6	76256.	6102.6

Sample Name: MB 280-87344/1-A Acquired: 9/29/2011 13:04:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00069**	**.00235**	**-.00010**	**-.00058**	**.00037**	**.00000**	**-.00394**	**.00402**	**.00006**	**.00014**
Stddev	.00004	.00039	.00092	.00028	.00028	.0000	.00187	.00490	.00001	.00009
%RSD	5.2369	16.414	928.00	48.178	77.879	13755.	47.524	121.80	13.412	65.549
#1	.00067	.00262	.00055	-.00078	.00016	.00003	-.00526	.00749	.00006	.00021
#2	.00072	.00208	-.00075	-.00038	.00057	-.00003	-.00261	.00056	.00007	.00008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**-.00024**	**.01881**	**-.07762**	**.00126**	**-.00108**	**.00000**	**-.00020**	**-.01608**	**.00003**
Stddev	.00005	.00003	.00182	.02616	.00107	.00201	.0000	.00030	.00163	.00013
%RSD	23.068	13.534	9.6880	33.698	84.714	185.99	222.67	149.28	10.127	479.45
#1	-.00017	-.00027	.01752	-.09612	.00050	-.00250	.00000	-.00041	-.01723	.00012
#2	-.00023	-.00022	.02010	-.05913	.00201	.00034	.00000	.00001	-.01493	-.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00223**	**-.00019**	**-.00201**	**.00139**	**.00131**	**.00149**	**.00111**	**-.00001**	**.00087**	**-.00011**
Stddev	.00015	.00205	.00063	.00093	.00055	.00450	.00097	.00004	.00031	.00025
%RSD	6.6557	1054.6	31.523	67.249	42.122	302.51	87.178	326.49	35.938	231.89
#1	.00233	-.00165	-.00246	.00205	.00092	.00467	.00043	-.00004	.00065	.00007
#2	.00212	.00126	-.00156	.00073	.00170	-.00169	.00180	.00002	.00109	-.00028
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.00980**	**-.00015**	**.00189**	**-.00017**
Stddev	.00001	.00443	.00042	.00029	.00082
%RSD	4.5438	45.161	285.26	15.507	494.08
#1	-.00030	.01294	.00015	.00168	-.00075
#2	-.00032	.00667	-.00045	.00210	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5087.6**	**75634.**	**6096.0**
Stddev	23.3	45.	78.6
%RSD	.45814	.06007	1.2895
#1	5071.1	75666.	6151.6
#2	5104.1	75602.	6040.4

Sample Name: LCS 280-87344/2-A Acquired: 9/29/2011 13:06:55 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04719**	**1.9244**	**.98982**	**.98900**	**2.0044**	**.04963**	**2.1398**	**49.542**	**.09273**	**.49033**
Stddev	.00092	.0001	.00242	.00148	.0017	.00004	.0083	.013	.00035	.00001
%RSD	1.9497	.00583	.24447	.14965	.08531	.08263	.39030	.02692	.37861	.00149
#1	.04654	1.9245	.98811	.99005	2.0056	.04966	2.1457	49.533	.09248	.49033
#2	.04784	1.9243	.99153	.98795	2.0032	.04960	2.1339	49.552	.09297	.49034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19892**	**.24882**	**.98517**	**50.189**	**1.0191**	**48.680**	**.49424**	**.99605**	**51.573**	**.49730**
Stddev	.00029	.00152	.00256	.039	.0005	.057	.00029	.00149	.324	.00050
%RSD	.14671	.61004	.25957	.07751	.05124	.11678	.05909	.15000	.62874	.10077
#1	.19871	.24775	.98336	50.216	1.0194	48.720	.49445	.99711	51.344	.49766
#2	.19912	.24989	.98698	50.161	1.0187	48.640	.49404	.99500	51.803	.49695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.049**	**.48806**	**-.00345**	**.50336**	**1.9641**	**9.9975**	**2.0106**	**1.0097**	**.98927**	**.99332**
Stddev	.004	.00024	.00320	.00087	.0012	.0188	.0002	.0005	.00153	.00056
%RSD	.03721	.04825	92.758	.17259	.06259	.18849	.00839	.05276	.15505	.05606
#1	10.051	.48789	-.00572	.50397	1.9650	9.9842	2.0108	1.0101	.99035	.99293
#2	10.046	.48822	-.00119	.50274	1.9633	10.011	2.0105	1.0093	.98818	.99371
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9755**	**2.1115**	**.49862**	**.48492**	**.46568**
Stddev	.0089	.0119	.00104	.00219	.00103
%RSD	.44817	.56318	.20774	.45204	.22077
#1	1.9818	2.1031	.49788	.48647	.46641
#2	1.9693	2.1199	.49935	.48337	.46496
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4914.0**	**71785.**	**6033.8**
Stddev	30.4	283.	64.0
%RSD	.61765	.39378	1.0606
#1	4935.5	71585.	6079.1
#2	4892.6	71985.	5988.6

Sample Name: 280-20531-A-1-A Acquired: 9/29/2011 13:09:21 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**.09218**	**.00385**	**.09893**	**.04246**	**-.00007**	**-.00263**	**32.898**	**.00005**	**.00042**
Stddev	.00048	.00243	.00106	.00028	.00002	.00011	.00031	.054	.00021	.00010
%RSD	83.309	2.6327	27.556	.28266	.05635	169.65	11.693	.16468	427.95	24.434
#1	.00092	.09047	.00310	.09873	.04244	-.00014	-.00241	32.859	.00020	.00050
#2	.00024	.09390	.00459	.09912	.04248	.00001	-.00284	32.936	-.00010	.00035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00044**	**.00592**	**.20087**	**6.2586**	**.00967**	**11.959**	**.01760**	**.00466**	**37.193**	**.00134**
Stddev	.00010	.00005	.00122	.0135	.00117	.012	.00001	.00115	.195	.00003
%RSD	21.745	.87267	.60833	.21621	12.061	.09662	.04522	24.745	.52541	2.0658
#1	.00038	.00588	.20000	6.2682	.01049	11.967	.01761	.00384	37.332	.00133
#2	.00051	.00596	.20173	6.2490	.00884	11.951	.01760	.00547	37.055	.00136
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.3087**	**.00073**	**17.743**	**.00070**	**.00821**	**3.0217**	**.00075**	**.30931**	**.00032**	**.00309**
Stddev	.0001	.00013	.025	.00289	.00120	.0261	.00089	.00035	.00061	.00026
%RSD	.01045	18.004	.14073	416.32	14.666	.86210	118.06	.11286	188.86	8.5616
#1	1.3088	.00083	17.761	-.00135	.00736	3.0033	.00012	.30907	.00075	.00290
#2	1.3086	.00064	17.726	.00274	.00906	3.0401	.00138	.30956	-.00011	.00327
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**.01401**	**.00102**	**.02126**	**-.00164**
Stddev	.00083	.02042	.00002	.00018	.00062
%RSD	293.98	145.72	1.5445	.83168	37.584
#1	.00030	-.00043	.00100	.02139	-.00208
#2	-.00087	.02845	.00103	.02114	-.00121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5020.5**	**73466.**	**6133.8**
Stddev	30.2	257.	5.2
%RSD	.60151	.34941	.08440
#1	5041.9	73648.	6137.5
#2	4999.2	73285.	6130.1

Sample Name: 280-20539-C-1-A Acquired: 9/29/2011 13:11:59 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00018**	**.00351**	**-.00168**	**.54121**	**.04451**	**.00007**	**-.00481**	**2.1222**	**.00003**	**.00015**
Stddev	.00060	.00064	.00113	.00063	.00003	.00002	.00035	.0062	.00009	.00038
%RSD	336.58	18.342	67.280	.11622	.06644	36.830	7.1836	.29072	269.01	260.88
#1	.00060	.00397	-.00088	.54076	.04449	.00005	-.00456	2.1178	-.00003	-.00012
#2	-.00025	.00306	-.00248	.54165	.04453	.00008	-.00505	2.1266	.00010	.00042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00021**	**.00387**	**.05006**	**1.4019**	**.02838**	**.53679**	**.00468**	**.00116**	**279.71**	**.00046**
Stddev	.00006	.00003	.00454	.0020	.00090	.00037	.00001	.00010	.04	.00002
%RSD	26.675	.68692	9.0620	.14227	3.1882	.06853	.29112	8.5712	.01303	5.1712
#1	.00017	.00389	.04685	1.4034	.02774	.53653	.00467	.00123	279.68	.00047
#2	.00025	.00385	.05326	1.4005	.02902	.53705	.00469	.00109	279.74	.00044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07269**	**-.00066**	**.83756**	**.00068**	**-.00296**	**4.9350**	**-.00004**	**.08232**	**.00017**	**-.00020**
Stddev	.00304	.00076	.00005	.00036	.00031	.0097	.00075	.00025	.00173	.00021
%RSD	4.1862	114.52	.00655	53.371	10.528	.19591	1725.4	.30315	995.16	106.32
#1	.07485	-.00013	.83753	.00042	-.00319	4.9281	-.00058	.08215	.00140	-.00005
#2	.07054	-.00120	.83760	.00093	-.00274	4.9418	.00049	.08250	-.00105	-.00035
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.02976**	**.00024**	**.01971**	**-.00062**
Stddev	.00013	.04438	.00003	.00013	.00019
%RSD	17.209	149.14	11.237	.66053	31.142
#1	.00084	-.00162	.00026	.01962	-.00048
#2	.00066	.06113	.00022	.01981	-.00076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4851.6**	**69858.**	**6069.8**
Stddev	29.0	98.	21.9
%RSD	.59802	.14028	.36142
#1	4872.1	69789.	6085.3
#2	4831.1	69927.	6054.2

Sample Name: 280-20546-C-1-B Acquired: 9/29/2011 13:14:44 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00028**	**47.088**	**.01262**	**.33300**	**.45864**	**.00300**	**-.00936**	**167.93**	**.00043**	**.01826**
Stddev	.00045	.025	.00404	.00001	.00023	.00002	.00407	.06	.00005	.00015
%RSD	159.99	.05414	31.985	.00283	.05088	.77781	43.499	.03805	11.621	.81362
#1	.00060	47.106	.01547	.33299	.45880	.00298	-.00648	167.98	.00039	.01836
#2	-.00004	47.070	.00976	.33300	.45847	.00301	-.01223	167.89	.00046	.01815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03508**	**.03494**	**36.449**	**10.366**	**.11747**	**51.487**	**1.1429**	**.00556**	**117.50**	**.03881**
Stddev	.00008	.00006	.090	.002	.00194	.051	.0022	.00025	.26	.00010
%RSD	.23036	.16173	.24716	.01733	1.6523	.09886	.19629	4.5436	.22351	.25305
#1	.03514	.03490	36.513	10.365	.11884	51.451	1.1413	.00538	117.32	.03888
#2	.03502	.03498	36.385	10.367	.11610	51.523	1.1445	.00574	117.69	.03874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.6634**	**.02977**	**56.326**	**.00010**	**.00089**	W **68.639**	**.00027**	**2.9517**	**.01631**	**.38438**
Stddev	.0076	.00061	.077	.00028	.00023	.733	.00017	.0025	.00027	.00141
%RSD	.28408	2.0550	.13652	283.87	26.152	1.0673	64.318	.08540	1.6623	.36622
#1	2.6687	.03020	56.380	.00029	.00106	69.157	.00039	2.9535	.01650	.38338
#2	2.6580	.02933	56.271	-.00010	.00073	68.121	.00015	2.9499	.01612	.38537
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						50.000				
Low Limit						-.10000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00111**	**-.03277**	**.08693**	**.13055**	**.02201**
Stddev	.00029	.01496	.00031	.00108	.00122
%RSD	25.598	45.659	.35553	.82944	5.5373
#1	-.00091	-.02219	.08671	.13131	.02287
#2	-.00132	-.04335	.08715	.12978	.02115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5009.9**	**72723.**	**6347.8**
Stddev	4.8	210.	63.7
%RSD	.09632	.28913	1.0034
#1	5006.5	72872.	6302.8
#2	5013.3	72574.	6392.9

Sample Name: 280-20546-C-2-B Acquired: 9/29/2011 13:17:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	W **3.0359**	**.00048**	**1.0258**	**.04072**	**.00005**	**-.00671**	**112.31**	**-.00014**	**.00110**
Stddev	.00016	.0306	.00041	.0012	.00056	.00009	.00470	.07	.00013	.00014
%RSD	38.940	1.0062	85.272	.11499	1.3841	196.97	70.129	.06288	91.948	12.900
#1	.00030	3.0575	.00019	1.0266	.04033	-.00002	-.00338	112.26	-.00005	.00120
#2	.00053	3.0143	.00078	1.0249	.04112	.00011	-.01003	112.36	-.00023	.00100
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		500.00								
Low Limit		4.0000								

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00281**	**.00378**	**2.2426**	**4.0039**	**.09078**	**43.681**	**.04417**	**.00218**	**215.53**	**.00285**
Stddev	.00005	.00010	.0096	.0235	.00022	.031	.00004	.00055	.05	.00033
%RSD	1.7876	2.5540	.42718	.58619	.23759	.07102	.08463	25.392	.02255	11.522
#1	.00278	.00385	2.2494	4.0205	.09063	43.703	.04419	.00179	215.49	.00262
#2	.00285	.00371	2.2358	3.9873	.09094	43.659	.04414	.00258	215.56	.00309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.12949**	**-.00059**	**87.548**	**.00068**	**.00493**	**15.836**	**.00025**	**2.5580**	**.00014**	**.04162**
Stddev	.00064	.00036	.089	.00046	.00384	.072	.00018	.0014	.00107	.00052
%RSD	.49456	60.837	.10220	67.168	77.907	.45731	70.457	.05565	784.56	1.2403
#1	.12994	-.00034	87.485	.00036	.00221	15.785	.00037	2.5570	.00089	.04126
#2	.12904	-.00084	87.611	.00101	.00765	15.887	.00012	2.5590	-.00062	.04199
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00077**	**.04666**	**.00717**	**.01214**	**.00340**
Stddev	.00139	.01817	.00006	.00026	.00167
%RSD	180.03	38.946	.81976	2.1451	49.051
#1	-.00021	.03381	.00713	.01196	.00458
#2	.00175	.05951	.00721	.01233	.00222
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4770.6**	**69850.**	**5983.7**
Stddev	3.4	193.	16.1
%RSD	.07179	.27606	.26931
#1	4768.2	69714.	5995.1
#2	4773.0	69986.	5972.3

Sample Name: 280-20546-C-3-B Acquired: 9/29/2011 13:19:53 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00062**	**5.0440**	**.00034**	**.83585**	**.07117**	**.00007**	**-.00552**	**196.03**	**-.00008**	**.00190**
Stddev	.00014	.0179	.00350	.00039	.00100	.00003	.00236	2.64	.00002	.00009
%RSD	22.538	.35456	1016.0	.04625	1.4085	43.213	42.735	1.3452	26.096	4.9198
#1	.00072	5.0566	.00282	.83612	.07188	.00009	-.00718	197.90	-.00009	.00183
#2	.00052	5.0313	-.00213	.83557	.07046	.00005	-.00385	194.17	-.00006	.00196
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00583**	**.00602**	**3.7249**	**7.3011**	**.13305**	**91.955**	**.07874**	**.00308**	**285.92**	**.00529**
Stddev	.00011	.00047	.0502	.0582	.00185	.182	.00013	.00027	3.40	.00011
%RSD	1.9188	7.7698	1.3477	.79672	1.3879	.19752	.15925	8.7836	1.1908	2.1123
#1	.00591	.00569	3.7604	7.3422	.13436	92.083	.07865	.00289	288.33	.00521
#2	.00575	.00635	3.6894	7.2599	.13175	91.826	.07882	.00327	283.51	.00537
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.17350**	**.00060**	**183.84**	**.00102**	**.00906**	**19.730**	**-.00015**	**5.0072**	**-.00010**	**.07685**
Stddev	.00041	.00230	.29	.00164	.00143	.270	.00033	.0650	.00075	.00014
%RSD	.23732	386.39	.15720	161.20	15.784	1.3679	223.59	1.2979	768.16	.18418
#1	.17321	-.00103	183.63	-.00014	.01007	19.921	-.00038	5.0532	-.00063	.07675
#2	.17379	.00222	184.04	.00218	.00805	19.539	.00009	4.9612	.00043	.07695
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00025**	**.03911**	**.01128**	**.01511**	**.00225**
Stddev	.00123	.01247	.00017	.00006	.00157
%RSD	487.24	31.879	1.5166	.41204	69.512
#1	-.00062	.03029	.01116	.01515	.00115
#2	.00112	.04793	.01140	.01507	.00336
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4620.5**	**67500.**	**6010.0**
Stddev	7.3	395.	39.0
%RSD	.15875	.58513	.64853
#1	4625.6	67220.	5982.4
#2	4615.3	67779.	6037.6

Sample Name: CCVH-1018440 Acquired: 9/29/2011 13:22:36 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01702**	**49.713**	**-.00304**	**.00497**	**.00044**	**-.00013**	**1.0407**	**-.01104**	**-.00138**	**.00219**	**-.00021**	**.00060**	**49.078**
Stddev	.00031	.005	.00210	.00013	.00032	.00007	.0014	.00144	.00009	.00036	.00007	.00017	.066
%RSD	1.8098	.01013	69.273	2.5517	72.930	49.923	.13058	13.053	6.4650	16.642	32.377	28.876	.13517
#1	-.01723	49.717	-.00155	.00488	.00067	-.00018	1.0416	-.01002	-.00132	.00193	-.00026	.00048	49.125
#2	-.01680	49.710	-.00453	.00506	.00021	-.00009	1.0397	-.01206	-.00144	.00244	-.00016	.00073	49.031
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.05025**	**.00364**	**-.03171**	**-.00044**	**-.00223**	**253.91**	**.00081**	**.00412**	**-.00087**	**5.0266**	**-.00976**	**.00537**	**.07157**
Stddev	.01241	.00187	.00026	.00005	.00013	.26	.00082	.00114	.00117	.0348	.00057	.00256	.00367
%RSD	24.695	51.475	.82517	11.067	5.6418	.10349	100.78	27.562	134.52	.69235	5.8322	47.714	5.1264
#1	.05902	.00496	-.03190	-.00048	-.00232	254.10	.00023	.00493	-.00170	5.0020	-.00935	.00356	.06897
#2	.04147	.00231	-.03153	-.00041	-.00214	253.73	.00139	.00332	-.00004	5.0512	-.01016	.00719	.07416
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00135**	**.00050**	**4.9083**	**-.00803**	**.00129**	**10.147**	**.00231**	**.00256**	**-.18644**
Stddev	.00029	.00002	.0079	.00010	.00069	.037	.00044	.00020	.00094
%RSD	21.667	3.1800	.16039	1.2046	53.412	.36232	19.275	7.8771	.50227
#1	.00114	.00049	4.9028	-.00809	.00177	10.173	.00262	.00241	-.18710
#2	.00155	.00051	4.9139	-.00796	.00080	10.121	.00199	.00270	-.18578
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4826.9**	**70413.**	**5975.2**
Stddev	17.5	123.	32.8
%RSD	.36195	.17409	.54880
#1	4839.2	70499.	5998.4
#2	4814.5	70326.	5952.1

Sample Name: CCV-1012098 Acquired: 9/29/2011 13:25:19 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50207**	**.51819**	**.99657**	**.51352**	**.50172**	**.50009**	**-.00150**	**5.0115**	**.50617**	**.50828**	**.50534**	**.50661**	**2.4072**
Stddev	.00004	.00257	.00050	.00001	.00007	.00049	.00308	.0050	.00068	.00120	.00083	.00070	.0040
%RSD	.00735	.49634	.04970	.00192	.01446	.09756	204.97	.09932	.13378	.23613	.16446	.13908	.16589
#1	.50204	.52001	.99622	.51353	.50167	.49975	-.00369	5.0150	.50665	.50913	.50593	.50711	2.4044
#2	.50210	.51637	.99692	.51351	.50177	.50044	.00068	5.0080	.50569	.50744	.50475	.50611	2.4100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.436**	**1.0415**	**19.855**	**.50236**	**.50037**	**5.2478**	**.51637**	**1.0028**	**1.0098**	**.01426**	**1.0050**	**.99294**	**5.1369**
Stddev	.036	.0017	.015	.00023	.00104	.0324	.00169	.0044	.0043	.00064	.0045	.00259	.0174
%RSD	.07172	.16690	.07438	.04544	.20865	.61675	.32722	.43521	.42308	4.4602	.45133	.26091	.33813
#1	50.410	1.0427	19.865	.50252	.50111	5.2249	.51756	1.0059	1.0128	.01381	1.0082	.99111	5.1492
#2	50.461	1.0403	19.844	.50220	.49963	5.2707	.51517	.99970	1.0068	.01471	1.0018	.99477	5.1246
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0327**	**.50222**	**-.00139**	**.48987**	**1.0202**	**-.02732**	**.49270**	**.49268**	**.49967**
Stddev	.0015	.00008	.00105	.00027	.0042	.00260	.00039	.00061	.00052
%RSD	.14360	.01517	75.262	.05570	.41582	9.5259	.07878	.12468	.10357
#1	1.0337	.50216	-.00065	.49006	1.0232	-.02548	.49243	.49224	.49930
#2	1.0317	.50227	-.00213	.48968	1.0172	-.02916	.49298	.49311	.50003
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5018.3**	**74173.**	**6100.7**
Stddev	19.4	155.	7.6
%RSD	.38705	.20922	.12429
#1	5004.5	74063.	6106.1
#2	5032.0	74283.	6095.4

Sample Name: CCB Acquired: 9/29/2011 13:27:45 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00025**	**-.00010**	**-.00040**	W **.00197**	**.00008**	**-.00001**	**-.00424**	**-.00580**	**.00017**	**.00012**
Stddev	.00002	.00044	.00290	.00051	.00006	.00003	.00037	.00179	.00010	.00001
%RSD	8.2888	439.75	717.15	26.095	76.848	348.17	8.6874	30.810	59.175	9.1704
#1	.00023	-.00041	-.00245	.00233	.00012	-.00003	-.00450	-.00453	.00010	.00012
#2	.00026	.00021	.00164	.00160	.00003	.00001	-.00398	-.00706	.00024	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit				.00156						
Low Limit				-.00156						

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00006**	**-.00067**	**-.00310**	**.01099**	**.00123**	**-.00204**	**-.00006**	**.00280**	**.07127**	**-.00002**
Stddev	.00007	.00012	.00035	.00663	.00116	.00178	.00000	.00058	.01522	.00010
%RSD	117.96	18.767	11.430	60.365	94.574	87.489	1.0900	20.635	21.350	530.31
#1	-.00012	-.00075	-.00285	.00630	.00041	-.00330	-.00006	.00239	.08203	-.00009
#2	-.00001	-.00058	-.00335	.01568	.00205	-.00078	-.00006	.00321	.06051	.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00158**	**.00003**	**.00637**	F **.01591**	W **.00758**	**.03547**	**.00083**	**-.00004**	**.00214**	**.00016**
Stddev	.00166	.00050	.00082	.00120	.00138	.00344	.00107	.00002	.00122	.00004
%RSD	105.31	1788.3	12.914	7.5670	18.276	9.7032	129.56	47.332	56.954	26.243
#1	-.00276	.00038	.00579	.01506	.00660	.03304	.00158	-.00005	.00128	.00019
#2	-.00040	-.00033	.00696	.01677	.00856	.03790	.00007	-.00003	.00300	.00013
Check ?	Chk Pass	Chk Pass	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00628	.00486					
Low Limit				-.00628	-.00486					

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00143**	**-.02225**	**-.00030**	**.00135**	W **-.00255**
Stddev	.00014	.01182	.00007	.00018	.00139
%RSD	9.6148	53.129	21.930	13.596	54.400
#1	-.00153	-.01389	-.00035	.00122	-.00157
#2	-.00133	-.03061	-.00026	.00148	-.00353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit					.00238
Low Limit					-.00238

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4996.5**	**74516.**	**6007.5**
Stddev	13.4	.	5.2
%RSD	.26850	.00040	.08598
#1	4987.0	74516.	6003.8
#2	5005.9	74516.	6011.1

Sample Name: CCVL1018383 Acquired: 9/29/2011 13:30:27 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01026**	**.10460**	**.01334**	**.09791**	**.01025**	**.00099**	**.11037**	**.20056**	**.00488**	**.01041**	**.01005**	**.01533**
Stddev	.00068	.00023	.00015	.00034	.00030	.00002	.00081	.00617	.00018	.00029	.00005	.00016
%RSD	6.6663	.21859	1.1517	.34304	2.9307	2.2139	.73171	3.0786	3.7591	2.7684	.53243	1.0154
#1	.00977	.10476	.01323	.09767	.01046	.00098	.10980	.19619	.00501	.01061	.01009	.01522
#2	.01074	.10443	.01345	.09814	.01004	.00101	.11094	.20492	.00475	.01020	.01001	.01544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.09989**	**3.0717**	**.01149**	**.20153**	**.01048**	**.01922**	**1.1100**	**.04147**	**2.8553**	**.00898**	**.00696**	**.01127**
Stddev	.00055	.0072	.00224	.00074	.00001	.00026	.0051	.00006	.0032	.00056	.00349	.00013
%RSD	.55157	.23338	19.469	.36807	.11780	1.3528	.46218	.15279	.11038	6.1939	50.113	1.1529
#1	.10028	3.0666	.01307	.20100	.01049	.01904	1.1136	.04143	2.8575	.00859	.00942	.01136
#2	.09950	3.0768	.00991	.20205	.01047	.01941	1.1064	.04152	2.8531	.00937	.00449	.01117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value												
Range												

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **.00995**	**.51306**	**.10125**	**.01019**	**.01468**	**.00970**	**.01531**	F **.07945**	**.00983**	**.02176**	**.01497**
Stddev	.00140	.00312	.00036	.00014	.00009	.00019	.00053	.01103	.00009	.00019	.00009
%RSD	14.102	.60858	.35121	1.3673	.64589	1.9650	3.4450	13.885	.88405	.88357	.59890
#1	.00896	.51526	.10100	.01009	.01461	.00983	.01493	.07165	.00989	.02162	.01491
#2	.01095	.51085	.10150	.01029	.01474	.00957	.01568	.08725	.00976	.02189	.01504
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value	.01500							.06000			
Range	-30.000%							30.000%			

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5073.1**	**75741.**	**6044.4**
Stddev	7.2	22.	35.1
%RSD	.14242	.02919	.58040
#1	5078.3	75757.	6019.6
#2	5068.0	75726.	6069.2

Sample Name: 280-20546-C-4-B Acquired: 9/29/2011 13:33:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00032**	**31.010**	**.00848**	**.35854**	**.21786**	**.00147**	**-.00895**	**133.69**	**.00027**	**.01079**
Stddev	.00034	.106	.00430	.00029	.00054	.00004	.00110	.48	.00008	.00037
%RSD	107.48	.34109	50.716	.08063	.24643	2.8047	12.247	.36055	29.634	3.4487
#1	.00008	30.936	.00544	.35875	.21748	.00144	-.00973	133.35	.00033	.01106
#2	.00056	31.085	.01152	.35834	.21824	.00150	-.00818	134.03	.00021	.01053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02414**	**.02345**	**24.828**	**7.9001**	**.09930**	**55.311**	**.51114**	**.00878**	**192.75**	**.02165**
Stddev	.00008	.00028	.066	.0381	.00097	.061	.00090	.00006	.88	.00029
%RSD	.32308	1.2031	.26645	.48196	.98002	.11046	.17576	.71093	.45676	1.3377
#1	.02408	.02325	24.781	7.8732	.09861	55.354	.51177	.00882	192.13	.02145
#2	.02419	.02365	24.875	7.9270	.09999	55.268	.51050	.00874	193.37	.02186
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.2428**	**.01901**	**74.618**	**-.00001**	**.00610**	W **58.237**	**.00011**	**3.4401**	**.01066**	**.33800**
Stddev	.0042	.00151	.151	.00037	.00631	.024	.00039	.0075	.00049	.00069
%RSD	.34040	7.9694	.20267	3148.2	103.39	.04041	342.90	.21711	4.5807	.20340
#1	1.2458	.01794	74.725	-.00027	.01056	58.220	-.00016	3.4348	.01101	.33849
#2	1.2398	.02008	74.511	.00025	.00164	58.253	.00039	3.4453	.01032	.33752
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						50.000				
Low Limit						-.10000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.00241**	**.05789**	**.08577**	**.01489**
Stddev	.00085	.01673	.00015	.00059	.00101
%RSD	125.61	693.53	.25907	.69314	6.7680
#1	.00008	-.00942	.05778	.08619	.01418
#2	.00128	.01424	.05799	.08535	.01560
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4915.5**	**71668.**	**6315.3**
Stddev	2.1	43.	61.4
%RSD	.04228	.05954	.97219
#1	4917.0	71698.	6358.7
#2	4914.0	71638.	6271.8

Sample Name: 280-20546-C-5-B Acquired: 9/29/2011 13:35:40 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00020**	**38.542**	**.01031**	**.35965**	**.24713**	**.00193**	W **-.01066**	**147.41**	**.00035**	**.01326**
Stddev	.00002	.272	.00286	.00142	.00157	.00003	.00084	.92	.00006	.00003
%RSD	10.422	.70609	27.755	.39385	.63619	1.7600	7.8366	.62567	18.124	.20670
#1	.00021	38.735	.00829	.35864	.24824	.00190	-.01007	148.06	.00031	.01324
#2	.00019	38.350	.01233	.36065	.24602	.00195	-.01125	146.76	.00040	.01328
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							3.0000			
Low Limit							-.01000			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02969**	**.02904**	**30.933**	**8.7937**	**.10455**	**58.032**	**.65690**	**.00842**	**193.71**	**.02750**
Stddev	.00006	.00012	.175	.0232	.00067	.044	.00090	.00033	.61	.00002
%RSD	.20329	.42239	.56447	.26422	.63637	.07538	.13698	3.9521	.31391	.06466
#1	.02973	.02896	31.056	8.8102	.10408	58.063	.65753	.00819	194.14	.02751
#2	.02965	.02913	30.810	8.7773	.10502	58.001	.65626	.00866	193.28	.02748
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.6146**	**.02491**	**74.797**	**.00003**	**.00526**	W **67.388**	**.00039**	**3.5409**	**.01360**	**.36090**
Stddev	.0025	.00064	.107	.00333	.00166	.698	.00040	.0216	.00041	.00055
%RSD	.15751	2.5787	.14350	11814.	31.593	1.0358	104.28	.61141	2.9928	.15126
#1	1.6164	.02446	74.873	-.00233	.00408	67.881	.00067	3.5562	.01331	.36129
#2	1.6128	.02537	74.721	.00238	.00643	66.894	.00010	3.5255	.01389	.36051
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						50.000				
Low Limit						-.10000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00009**	**-.01350**	**.07016**	**.10779**	**.02058**
Stddev	.00048	.01371	.00006	.00016	.00203
%RSD	543.84	101.54	.08724	.15172	9.8581
#1	-.00025	-.02319	.07020	.10767	.02202
#2	.00043	-.00381	.07011	.10790	.01915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4891.6**	**71710.**	**6290.2**
Stddev	4.2	272.	61.9
%RSD	.08579	.37985	.98405
#1	4894.6	71517.	6246.4
#2	4888.6	71902.	6333.9

Sample Name: 280-20454-F-1-B Acquired: 9/29/2011 13:38:14 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00087**	**.05765**	**-.00078**	**.00674**	**.08021**	**-.00010**	**-.00522**	**85.618**	**.00021**	**.00023**
Stddev	.00063	.00944	.00265	.00055	.00026	.00007	.00167	.283	.00007	.00001
%RSD	72.572	16.371	341.52	8.1995	.32947	71.548	32.026	.33072	33.425	4.1365
#1	.00132	.05098	-.00265	.00635	.08040	-.00005	-.00404	85.818	.00027	.00023
#2	.00043	.06432	.00110	.00713	.08003	-.00015	-.00641	85.418	.00016	.00024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**.00057**	**.05523**	**.98805**	**.01097**	**13.604**	**.01073**	**.00316**	**24.241**	**.00061**
Stddev	.00007	.00038	.00058	.01454	.00019	.042	.00010	.00010	.359	.00004
%RSD	123.28	66.159	1.0574	1.4714	1.7050	.30631	.91093	3.1925	1.4828	6.5140
#1	.00011	.00084	.05482	.99833	.01110	13.574	.01066	.00323	24.495	.00058
#2	.00001	.00031	.05564	.97777	.01084	13.633	.01080	.00309	23.987	.00064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00955**	**-.00034**	**10.593**	**.00072**	**-.00048**	**4.1789**	**.00005**	**.35499**	**.00029**	**.00042**
Stddev	.00297	.00226	.011	.00129	.00073	.0432	.00025	.00168	.00024	.00030
%RSD	31.127	672.35	.09936	179.01	152.71	1.0337	475.74	.47462	83.616	72.034
#1	.01165	.00126	10.600	.00163	-.00100	4.1483	-.00012	.35618	.00012	.00021
#2	.00745	-.00193	10.585	-.00019	.00004	4.2094	.00023	.35380	.00046	.00064
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.01008**	**.00063**	**.05672**	**-.00092**
Stddev	.00086	.02689	.00035	.00024	.00142
%RSD	202.67	266.79	56.162	.42493	154.66
#1	.00103	-.00894	.00038	.05655	-.00193
#2	-.00018	.02910	.00088	.05689	.00009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4853.9**	**72494.**	**6024.9**
Stddev	22.0	292.	16.7
%RSD	.45225	.40344	.27768
#1	4869.4	72701.	6036.8
#2	4838.4	72287.	6013.1

Sample Name: 280-20454-F-1-Bsd@5 Acquired: 9/29/2011 13:40:53 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00046**	**.01920**	**-.00187**	**.00103**	**.01590**	**.00001**	**-.00325**	**16.912**	**-.00008**	**.00002**
Stddev	.00023	.00032	.00023	.00084	.00061	.00005	.00032	.063	.00015	.00014
%RSD	49.917	1.6620	12.502	82.116	3.8132	388.61	9.9178	.37517	183.72	913.29
#1	.00063	.01943	-.00204	.00162	.01547	.00005	-.00348	16.957	-.00019	-.00008
#2	.00030	.01898	-.00170	.00043	.01632	-.00002	-.00302	16.867	.00002	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00003**	**.00117**	**.02109**	**.16452**	**.00273**	**2.7882**	**.00228**	**.00032**	**4.6550**	**.00059**
Stddev	.00009	.00011	.00197	.05412	.00134	.0078	.00001	.00030	.0130	.00029
%RSD	259.13	9.0536	9.3204	32.895	49.045	.28144	.37209	93.403	.27943	48.478
#1	.00003	.00124	.01970	.12626	.00178	2.7937	.00229	.00054	4.6642	.00039
#2	-.00010	.00109	.02248	.20279	.00368	2.7826	.00227	.00011	4.6458	.00080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**-.00064**	**2.0531**	**.00010**	**-.00288**	**.87811**	**.00004**	**.07055**	**-.00038**	**-.00006**
Stddev	.00034	.00153	.0066	.00015	.00155	.03347	.00049	.00029	.00014	.00040
%RSD	81.906	238.31	.31988	153.39	53.843	3.8113	1202.1	.40722	36.849	700.84
#1	.00017	.00044	2.0578	.00021	-.00178	.85445	.00039	.07075	-.00048	-.00034
#2	.00066	-.00172	2.0485	-.00001	-.00397	.90178	-.00031	.07034	-.00028	.00023
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00017**	**.00991**	**.00009**	**.01346**	**-.00222**
Stddev	.00021	.00405	.00039	.00008	.00346
%RSD	118.97	40.891	420.28	.57768	156.01
#1	-.00032	.00704	-.00018	.01351	.00023
#2	-.00003	.01277	.00037	.01340	-.00467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5022.7**	**74622.**	**6026.4**
Stddev	24.2	244.	38.7
%RSD	.48170	.32682	.64192
#1	5039.8	74449.	5999.1
#2	5005.6	74794.	6053.8

Sample Name: 280-20454-F-1-C MS Acquired: 9/29/2011 13:43:33 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04728**	**2.0028**	**.99338**	**.99283**	**2.0715**	**.04944**	**2.1391**	**132.71**	**.09297**	**.48555**
Stddev	.00023	.0080	.00080	.00134	.0058	.00016	.0028	.34	.00013	.00021
%RSD	.49030	.39978	.08052	.13505	.28021	.33360	.13293	.25970	.13940	.04238
#1	.04712	2.0084	.99281	.99378	2.0674	.04932	2.1411	132.47	.09306	.48541
#2	.04744	1.9971	.99394	.99188	2.0756	.04956	2.1371	132.95	.09288	.48570
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19936**	**.25085**	**1.0074**	**51.381**	**1.0321**	**61.511**	**.50108**	**.99557**	**74.601**	**.49194**
Stddev	.00026	.00028	.0005	.178	.0048	.249	.00217	.00061	.379	.00045
%RSD	.13226	.11278	.05327	.34678	.46943	.40435	.43275	.06139	.50789	.09201
#1	.19918	.25065	1.0078	51.255	1.0286	61.336	.49955	.99600	74.333	.49226
#2	.19955	.25105	1.0070	51.507	1.0355	61.687	.50262	.99514	74.869	.49162
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.198**	**.48171**	**10.622**	**.49948**	**1.9668**	**13.970**	**1.9884**	**1.3558**	**.99115**	**.98799**
Stddev	.003	.00015	.002	.00375	.0102	.066	.0046	.0036	.00399	.00463
%RSD	.03371	.03019	.02255	.75114	.51632	.47215	.22894	.26448	.40257	.46906
#1	10.201	.48181	10.624	.50214	1.9740	13.923	1.9852	1.3533	.98833	.98472
#2	10.196	.48160	10.621	.49683	1.9596	14.016	1.9916	1.3584	.99397	.99127
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9465**	**2.0747**	**.50245**	**.53206**	**.45950**
Stddev	.0009	.0082	.00257	.00409	.00221
%RSD	.04430	.39610	.51063	.76870	.47998
#1	1.9459	2.0689	.50064	.52916	.46106
#2	1.9471	2.0805	.50427	.53495	.45794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4744.5**	**69753.**	**5944.8**
Stddev	1.8	465.	25.7
%RSD	.03781	.66691	.43149
#1	4745.7	70082.	5962.9
#2	4743.2	69424.	5926.6

Sample Name: 280-20454-F-1-D MSD Acquired: 9/29/2011 13:45:58 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87344 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04743**	**1.9816**	**.99208**	**.99121**	**2.0565**	**.04888**	**2.1304**	**131.33**	**.09247**	**.48231**
Stddev	.00043	.0034	.00346	.00039	.0060	.00014	.0036	.31	.00016	.00036
%RSD	.91470	.17080	.34912	.03940	.29020	.29659	.16999	.23576	.17180	.07525
#1	.04774	1.9840	.98964	.99093	2.0523	.04878	2.1278	131.11	.09259	.48256
#2	.04713	1.9793	.99453	.99149	2.0607	.04899	2.1330	131.55	.09236	.48205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19726**	**.24973**	**.99053**	**51.032**	**1.0299**	**60.777**	**.49707**	**.99446**	**74.513**	**.48825**
Stddev	.00000	.00053	.00335	.107	.0040	.086	.00016	.00123	.075	.00029
%RSD	.00197	.21373	.33797	.21001	.39116	.14152	.03156	.12365	.10059	.05912
#1	.19726	.24936	.98816	50.957	1.0270	60.837	.49718	.99359	74.460	.48805
#2	.19726	.25011	.99290	51.108	1.0327	60.716	.49696	.99533	74.566	.48846
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.125**	**.47828**	**10.602**	**.50372**	**1.9712**	**13.780**	**1.9792**	**1.3480**	**.98499**	**.98377**
Stddev	.014	.00159	.006	.00174	.0037	.075	.0006	.0026	.00485	.00034
%RSD	.13397	.33315	.05484	.34566	.19029	.54276	.02973	.19285	.49280	.03446
#1	10.134	.47715	10.606	.50249	1.9685	13.727	1.9788	1.3462	.98842	.98401
#2	10.115	.47941	10.598	.50495	1.9738	13.833	1.9796	1.3498	.98156	.98353
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9304**	**2.0376**	**.49744**	**.52518**	**.45593**
Stddev	.0009	.0071	.00011	.00140	.00223
%RSD	.04777	.34892	.02284	.26723	.48978
#1	1.9298	2.0326	.49736	.52617	.45751
#2	1.9311	2.0426	.49752	.52419	.45435
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4781.4**	**70060.**	**6016.8**
Stddev	3.2	542.	9.7
%RSD	.06705	.77336	.16073
#1	4783.7	69677.	6023.7
#2	4779.1	70443.	6010.0

Sample Name: CCVH-1018440 Acquired: 9/29/2011 13:48:22 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01706**	**49.331**	**-.00022**	**.00411**	**.00091**	**-.00010**	**1.0359**	**-.00898**	**-.00126**	**.00222**	**-.00012**	**.00122**	**48.938**
Stddev	.00033	.044	.00065	.00053	.00019	.00005	.0021	.00014	.00004	.00005	.00011	.00006	.056
%RSD	1.9460	.08838	292.07	12.944	21.234	47.811	.20167	1.6145	3.5035	2.1778	94.023	4.8555	.11480
#1	-.01730	49.362	.00024	.00448	.00105	-.00013	1.0374	-.00888	-.00129	.00225	-.00020	.00127	48.898
#2	-.01683	49.301	-.00068	.00373	.00077	-.00007	1.0345	-.00908	-.00122	.00218	-.00004	.00118	48.978
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.11305**	**.00310**	**-.03376**	**-.00024**	**.00240**	**255.09**	**.00092**	**.00743**	**-.00143**	**4.9528**	**-.01027**	**.01518**	**.03971**
Stddev	.00923	.00183	.00299	.00001	.00110	.03	.00010	.00035	.00149	.0025	.00127	.00420	.00443
%RSD	8.1652	59.121	8.8460	2.2058	45.669	.01279	11.010	4.7459	104.15	.05001	12.391	27.687	11.163
#1	.10653	.00180	-.03587	-.00023	.00163	255.06	.00085	.00768	-.00038	4.9511	-.00937	.01815	.04284
#2	.11958	.00439	-.03164	-.00024	.00318	255.11	.00100	.00718	-.00248	4.9546	-.01117	.01221	.03658
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00259**	**.00047**	**4.8965**	**-.00774**	**.00176**	**10.124**	**.00194**	**.00254**	**-.18728**
Stddev	.00013	.00008	.0027	.00024	.00028	.065	.00008	.00064	.00253
%RSD	5.1285	17.972	.05466	3.0788	15.905	.64196	4.0332	25.212	1.3530
#1	.00250	.00053	4.8946	-.00790	.00157	10.170	.00199	.00209	-.18907
#2	.00269	.00041	4.8984	-.00757	.00196	10.078	.00188	.00300	-.18549
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4827.0**	**70595.**	**5958.0**
Stddev	6.0	530.	79.2
%RSD	.12410	.75124	1.3301
#1	4831.2	70970.	5901.9
#2	4822.8	70220.	6014.0

Sample Name: CCV-1012098 Acquired: 9/29/2011 13:51:05 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50385**	**.51606**	**.99082**	**.51366**	**.50407**	**.49889**	**-.00149**	**4.9586**	**.50566**	**.50819**	**.50571**	**.51182**	**2.4127**
Stddev	.00389	.00004	.00087	.00054	.00027	.00016	.00201	.0009	.00085	.00019	.00027	.00334	.0002
%RSD	.77172	.00734	.08761	.10487	.05299	.03267	134.93	.01861	.16859	.03655	.05368	.65233	.00910
#1	.50110	.51603	.99143	.51328	.50388	.49901	-.00291	4.9592	.50506	.50806	.50552	.50946	2.4128
#2	.50660	.51609	.99020	.51404	.50426	.49878	-.00007	4.9579	.50627	.50832	.50590	.51418	2.4125
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.719**	**1.0405**	**20.168**	**.50828**	**.50004**	**5.1835**	**.51473**	**1.0071**	**1.0089**	**.00064**	**1.0009**	**.98899**	**5.0537**
Stddev	.070	.0028	.172	.00373	.00078	.0109	.00145	.0001	.0024	.00114	.0076	.00530	.0074
%RSD	.13831	.27046	.85467	.73317	.15653	.20936	.28094	.00800	.24021	178.52	.75386	.53589	.14713
#1	50.670	1.0385	20.046	.50565	.50059	5.1759	.51371	1.0071	1.0072	-.00017	1.0063	.98524	5.0484
#2	50.769	1.0425	20.290	.51092	.49948	5.1912	.51575	1.0072	1.0106	.00144	.99560	.99274	5.0590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0288**	**.50419**	**-.00121**	**.49628**	**1.0233**	**.01616**	**.50288**	**.50004**	**.49481**
Stddev	.0021	.00005	.00233	.00294	.0028	.02639	.00363	.00365	.00273
%RSD	.20679	.00977	191.97	.59148	.27020	163.32	.72169	.73074	.55237
#1	1.0273	.50423	-.00286	.49420	1.0213	.03481	.50031	.49746	.49674
#2	1.0303	.50416	.00043	.49835	1.0252	-.00250	.50544	.50263	.49287
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4976.6**	**72527.**	**6003.1**
Stddev	17.0	909.	25.0
%RSD	.34244	1.2529	.41636
#1	4988.7	73169.	6020.8
#2	4964.6	71884.	5985.4

Sample Name: CCB Acquired: 9/29/2011 13:53:32 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00044**	**-.00042**	**.00136**	**.00155**	**.00004**	**.00006**	**-.00705**	**-.00604**	**.00026**	**.00036**	**.00000**
Stddev	.00004	.00013	.00032	.00006	.00003	.00007	.00081	.00135	.00009	.00024	.00032
%RSD	10.178	31.421	23.698	3.6018	58.049	126.06	11.518	22.323	32.520	65.904	12455.
#1	.00047	-.00032	.00159	.00151	.00003	.00001	-.00763	-.00700	.00032	.00053	-.00022
#2	.00040	-.00051	.00114	.00159	.00006	.00011	-.00648	-.00509	.00020	.00019	.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**-.00405**	**.03802**	**.00031**	**.00078**	**-.00004**	W **.00321**	**.06290**	**.00045**	**.00033**	**-.00066**
Stddev	.00009	.00477	.03401	.00178	.00146	.00004	.00098	.00073	.00001	.00080	.00067
%RSD	35.131	117.79	89.455	567.63	187.62	92.292	30.560	1.1581	3.1390	240.11	101.69
#1	-.00020	-.00068	.06207	.00157	-.00025	-.00002	.00251	.06239	.00044	.00090	-.00114
#2	-.00033	-.00743	.01397	-.00095	.00182	-.00007	.00390	.06342	.00046	-.00023	-.00019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00212**	F **.01644**	W **.00487**	**.03089**	**.00089**	**-.00010**	**.00027**	**.00007**	**-.00138**	**-.01509**	**.00005**
Stddev	.00204	.00228	.00118	.00945	.00049	.00001	.00030	.00013	.00055	.00609	.00068
%RSD	96.224	13.899	24.300	30.591	55.541	10.949	113.82	198.98	40.100	40.358	1361.3
#1	-.00356	.01482	.00571	.02421	.00123	-.00011	.00048	.00016	-.00099	-.01078	-.00043
#2	-.00068	.01805	.00404	.03758	.00054	-.00009	.00005	-.00003	-.00177	-.01939	.00053
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00168**	**-.00215**
Stddev	.00022	.00009
%RSD	12.826	4.3484
#1	.00183	-.00222
#2	.00153	-.00209
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4932.2**	**73871.**	**5961.3**
Stddev	8.9	155.	36.6
%RSD	.18075	.21035	.61458
#1	4925.9	73981.	5987.2
#2	4938.5	73761.	5935.3

Sample Name: CCVL1018383 Acquired: 9/29/2011 13:56:13 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01012**	**.10435**	**.01280**	**.09845**	**.01013**	**.00093**	**.10856**	**.19232**	**.00499**	**.01059**	**.00985**
Stddev	.00066	.00019	.00177	.00015	.00032	.00002	.00170	.00123	.00022	.00000	.00010
%RSD	6.5373	.18466	13.848	.15289	3.1350	2.4224	1.5686	.64095	4.3442	.03809	1.0237
#1	.00965	.10449	.01155	.09855	.01035	.00092	.10977	.19319	.00515	.01058	.00993
#2	.01059	.10422	.01406	.09834	.00990	.00095	.10736	.19145	.00484	.01059	.00978
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01512**	**.09293**	**3.0526**	W **.01216**	**.20055**	**.01024**	**.01955**	**1.0923**	**.04218**	**2.8572**	**.00744**
Stddev	.00012	.00149	.0195	.00093	.00127	.00001	.00004	.0295	.00014	.0088	.00087
%RSD	.78205	1.6063	.63957	7.6558	.63216	.07765	.18387	2.6990	.33654	.30874	11.675
#1	.01521	.09188	3.0664	.01281	.20144	.01024	.01953	1.1132	.04228	2.8634	.00683
#2	.01504	.09399	3.0388	.01150	.19965	.01023	.01958	1.0715	.04207	2.8509	.00805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.01000							
Range				20.000%							

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00125**	F **.01339**	F **.00889**	**.48946**	**.10127**	**.01014**	**.01516**	**.00939**	**.01506**	**.06416**	**.01022**
Stddev	.00355	.00202	.00024	.00768	.00031	.00007	.00164	.00005	.00042	.00242	.00039
%RSD	283.15	15.080	2.7162	1.5698	.30219	.68907	10.839	.49455	2.7641	3.7646	3.7731
#1	-.00377	.01196	.00872	.48402	.10148	.01009	.01400	.00942	.01477	.06245	.01050
#2	.00126	.01482	.00906	.49489	.10105	.01018	.01633	.00936	.01535	.06587	.00995
Check ?	None	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.01000	.01500								
Range		30.000%	-30.000%								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02107**	**.01436**
Stddev	.00062	.00166
%RSD	2.9302	11.593
#1	.02151	.01554
#2	.02063	.01318
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5023.3**	**74676.**	**6008.3**
Stddev	6.0	244.	20.3
%RSD	.12032	.32683	.33812
#1	5019.1	74503.	6022.7
#2	5027.6	74849.	5993.9

Sample Name: MB 280-87340/1-A Acquired: 9/29/2011 13:58:53 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00033**	**.00079**	**-.00029**	**-.00017**	**.00021**	**.00009**	**-.00382**	**-.00282**	**-.00004**	**-.00003**
Stddev	.00045	.00019	.00060	.00025	.00020	.00001	.00136	.00235	.00014	.00018
%RSD	133.47	23.519	204.00	145.67	94.153	9.1354	35.630	83.128	322.27	526.11
#1	.00002	.00066	-.00071	-.00034	.00007	.00008	-.00479	-.00448	.00005	.00009
#2	.00065	.00092	.00013	.00001	.00036	.00010	-.00286	-.00116	-.00014	-.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**-.00022**	**.00117**	**-.02684**	**.00063**	**-.00210**	**-.00006**	**-.00003**	**.02987**	**.00019**
Stddev	.00008	.00011	.00208	.04171	.00308	.00088	.00001	.00017	.00634	.00012
%RSD	21.457	50.605	177.50	155.41	487.74	41.873	11.162	587.19	21.231	62.285
#1	-.00043	-.00014	-.00030	.00266	-.00155	-.00273	-.00006	-.00015	.02538	.00028
#2	-.00031	-.00029	.00264	-.05633	.00281	-.00148	-.00007	.00009	.03435	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00066**	**-.00099**	**-.00225**	**-.00003**	**-.00119**	**.01772**	**.00081**	**-.00002**	**.00059**	**-.00016**
Stddev	.00079	.00028	.00336	.00021	.00075	.01284	.00022	.00007	.00044	.00010
%RSD	119.51	28.740	149.71	782.40	62.661	72.456	27.019	375.65	74.101	62.218
#1	.00010	-.00079	.00013	-.00018	-.00066	.02680	.00066	-.00007	.00028	-.00009
#2	.00122	-.00119	-.00462	.00012	-.00172	.00864	.00097	.00003	.00091	-.00023
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00166**	**.00708**	**.00038**	**.00144**	**-.00197**
Stddev	.00011	.01309	.00002	.00036	.00192
%RSD	6.6927	184.93	5.8299	25.093	97.358
#1	-.00174	.01633	.00039	.00170	-.00061
#2	-.00159	-.00218	.00036	.00119	-.00332
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5033.9**	**75904.**	**6079.6**
Stddev	56.0	201.	37.9
%RSD	1.1133	.26430	.62369
#1	5073.5	75762.	6052.8
#2	4994.3	76046.	6106.4

Sample Name: LCS 280-87340/2-A Acquired: 9/29/2011 14:01:35 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04702**	**1.9098**	**.98959**	**.99636**	**2.0012**	**.04966**	**2.1586**	**48.805**	**.09287**	**.49109**
Stddev	.00016	.0031	.00388	.00048	.0002	.00022	.0041	.050	.00002	.00026
%RSD	.33097	.16437	.39251	.04864	.00996	.43743	.19131	.10166	.01867	.05364
#1	.04713	1.9120	.99234	.99602	2.0013	.04981	2.1557	48.840	.09288	.49128
#2	.04691	1.9076	.98684	.99670	2.0010	.04950	2.1615	48.769	.09286	.49090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19909**	**.25048**	**.95398**	**50.335**	**1.0293**	**48.734**	**.49522**	**.98836**	**52.003**	**.49772**
Stddev	.00012	.00048	.00205	.071	.0029	.032	.00109	.00218	.013	.00038
%RSD	.06126	.19337	.21451	.14084	.28497	.06574	.21957	.22027	.02557	.07664
#1	.19900	.25014	.95543	50.285	1.0273	48.712	.49445	.98990	51.994	.49799
#2	.19917	.25082	.95254	50.385	1.0314	48.757	.49599	.98682	52.013	.49745
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.085**	**.48934**	**-.00475**	**.50413**	**1.9774**	**10.018**	**2.0115**	**1.0105**	**.98466**	**.98340**
Stddev	.017	.00060	.00214	.00048	.0041	.046	.0007	.0001	.00339	.00233
%RSD	.17112	.12286	45.135	.09542	.20907	.46005	.03455	.01059	.34463	.23728
#1	10.097	.48892	-.00626	.50447	1.9803	9.9851	2.0120	1.0105	.98226	.98175
#2	10.073	.48977	-.00323	.50379	1.9744	10.050	2.0110	1.0104	.98706	.98505
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9794**	**2.0790**	**.49953**	**.48227**	**.45943**
Stddev	.0067	.0078	.00110	.00032	.00109
%RSD	.34064	.37344	.22065	.06622	.23702
#1	1.9842	2.0735	.49875	.48204	.46020
#2	1.9747	2.0845	.50031	.48249	.45866
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4850.8**	**71370.**	**5956.5**
Stddev	1.0	64.	46.1
%RSD	.02096	.08998	.77362
#1	4850.1	71416.	5989.0
#2	4851.6	71325.	5923.9

Sample Name: 280-20502-C-1-C Acquired: 9/29/2011 14:04:00 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00022**	**.35571**	**.00066**	**.01103**	**.07811**	**.00071**	**-.00383**	**1.2080**	**.00006**	**.00147**
Stddev	.00019	.00032	.00165	.00004	.00043	.00004	.00105	.0021	.00014	.00001
%RSD	85.809	.08927	250.38	.35393	.55286	5.3080	27.405	.17583	240.99	.62391
#1	.00036	.35549	-.00051	.01105	.07780	.00068	-.00309	1.2095	-.00004	.00148
#2	.00009	.35594	.00183	.01100	.07841	.00073	-.00458	1.2065	.00016	.00146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**-.00006**	**.06729**	**.19964**	**.00239**	**.84865**	**.05594**	**.00457**	**3.7026**	**.00164**
Stddev	.00005	.00019	.00217	.00950	.00163	.00339	.00010	.00118	.0036	.00010
%RSD	116.66	320.11	3.2270	4.7578	68.509	.39899	.18114	25.926	.09672	5.8170
#1	.00008	-.00020	.06882	.20636	.00354	.85104	.05602	.00373	3.7001	.00158
#2	.00001	.00008	.06575	.19292	.00123	.84626	.05587	.00540	3.7052	.00171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01196**	**-.00014**	**1.0547**	**.00007**	**.00901**	**3.7090**	**.00105**	**.01116**	**.00113**	**.00259**
Stddev	.00219	.00096	.0004	.00004	.00394	.0326	.00096	.00005	.00090	.00047
%RSD	18.291	684.91	.03615	63.451	43.746	.87893	90.752	.44801	80.051	18.292
#1	.01041	-.00082	1.0545	.00010	.00622	3.6860	.00038	.01113	.00177	.00292
#2	.01350	.00054	1.0550	.00004	.01179	3.7321	.00173	.01120	.00049	.00225
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00111**	**-.00947**	**-.00019**	**.00329**	**-.00218**
Stddev	.00002	.02088	.00031	.00004	.00111
%RSD	1.7596	220.50	160.72	1.3454	50.754
#1	.00109	-.02424	-.00041	.00332	-.00297
#2	.00112	.00530	.00003	.00326	-.00140
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5083.3**	**75644.**	**6133.7**
Stddev	6.6	118.	13.8
%RSD	.13045	.15559	.22438
#1	5088.0	75560.	6123.9
#2	5078.6	75727.	6143.4

Sample Name: 280-20502-C-1-Csd@5 Acquired: 9/29/2011 14:06:43 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00064**	**.07584**	**.00020**	**.00223**	**.01531**	**.00015**	**-.00378**	**.23626**	**-.00004**	**.00044**
Stddev	.00080	.00021	.00101	.00012	.00001	.00003	.00026	.00200	.00018	.00001
%RSD	125.60	.27991	497.14	5.3521	.09596	19.372	6.9598	.84601	436.82	2.6035
#1	.00007	.07599	.00091	.00232	.01530	.00018	-.00397	.23767	-.00017	.00045
#2	.00120	.07569	-.00051	.00215	.01532	.00013	-.00360	.23485	.00009	.00044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**-.00008**	**.01589**	**.01112**	**.00160**	**.18021**	**.01115**	**.00014**	**.78256**	**.00053**
Stddev	.00000	.00014	.00111	.00664	.00094	.00057	.00001	.00021	.00184	.00019
%RSD	1.6549	176.56	6.9929	59.758	58.700	.31592	.07124	147.04	.23569	35.855
#1	-.00025	-.00017	.01511	.00642	.00227	.18061	.01116	-.00001	.78387	.00067
#2	-.00024	.00002	.01668	.01581	.00094	.17980	.01115	.00029	.78126	.00040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00077**	**-.00058**	**.23770**	**.00169**	**-.00247**	**.74473**	**-.00025**	**.00221**	**.00157**	**.00065**
Stddev	.00103	.00054	.00209	.00000	.00479	.01009	.00051	.00001	.00047	.00008
%RSD	133.59	93.369	.88100	.15383	193.88	1.3546	206.43	.62010	29.696	12.033
#1	.00004	-.00096	.23622	.00169	.00092	.73759	-.00061	.00222	.00190	.00070
#2	.00150	-.00020	.23918	.00169	-.00586	.75186	.00011	.00220	.00124	.00059
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**.00306**	**.00013**	**.00237**	**-.00132**
Stddev	.00004	.01153	.00039	.00002	.00080
%RSD	15.644	376.47	293.06	.94295	60.549
#1	-.00020	-.00509	-.00014	.00239	-.00189
#2	-.00025	.01122	.00041	.00236	-.00076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5089.1**	**75548.**	**6105.6**
Stddev	10.8	46.	36.0
%RSD	.21309	.06070	.58963
#1	5081.5	75580.	6080.1
#2	5096.8	75516.	6131.0

Sample Name: 280-20502-C-1-D MS Acquired: 9/29/2011 14:09:25 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04695**	**2.3858**	**.98827**	**1.0054**	**2.0760**	**.05024**	**2.1634**	**50.026**	**.09289**	**.49212**
Stddev	.00040	.0014	.00038	.0012	.0026	.00020	.0059	.049	.00017	.00012
%RSD	.86157	.05826	.03810	.11991	.12730	.40035	.27204	.09757	.17938	.02429
#1	.04666	2.3848	.98854	1.0045	2.0779	.05010	2.1593	50.061	.09277	.49221
#2	.04723	2.3868	.98801	1.0062	2.0742	.05039	2.1676	49.992	.09301	.49204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19986**	**.24966**	**1.0050**	**50.511**	**1.0201**	**49.522**	**.54820**	**.99440**	**55.333**	**.49971**
Stddev	.00006	.00006	.0063	.061	.0018	.010	.00007	.00034	.783	.00041
%RSD	.02859	.02277	.62226	.12044	.17253	.01980	.01324	.03458	1.4150	.08216
#1	.19991	.24962	1.0094	50.554	1.0188	49.515	.54825	.99416	54.780	.49942
#2	.19982	.24970	1.0006	50.468	1.0213	49.529	.54815	.99465	55.887	.50000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.079**	**.48915**	**1.0907**	**.50874**	**1.9703**	**14.081**	**2.0315**	**1.0196**	**.98690**	**.99392**
Stddev	.017	.00296	.0013	.00129	.0043	.029	.0032	.0007	.00087	.00090
%RSD	.16646	.60423	.12318	.25429	.21844	.20467	.15623	.06788	.08862	.09026
#1	10.067	.48706	1.0898	.50965	1.9734	14.101	2.0338	1.0201	.98752	.99455
#2	10.091	.49124	1.0917	.50782	1.9673	14.060	2.0293	1.0191	.98628	.99328
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9753**	**2.0762**	**.49817**	**.48489**	**.46453**
Stddev	.0000	.0107	.00136	.00110	.00443
%RSD	.00182	.51536	.27230	.22748	.95338
#1	1.9753	2.0838	.49913	.48567	.46766
#2	1.9752	2.0687	.49721	.48411	.46139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4883.6**	**71997.**	**6018.5**
Stddev	16.0	273.	48.9
%RSD	.32665	.37955	.81187
#1	4894.9	72191.	6053.0
#2	4872.4	71804.	5983.9

Sample Name: 280-20502-C-1-E MSD Acquired: 9/29/2011 14:11:49 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04725**	**2.3821**	**.99734**	**1.0071**	**2.0775**	**.05007**	**2.1758**	**49.996**	**.09331**	**.49300**
Stddev	.00036	.0021	.00085	.0011	.0029	.00006	.0037	.058	.00013	.00098
%RSD	.76863	.08844	.08517	.11102	.13921	.12333	.16939	.11600	.13954	.19840
#1	.04751	2.3806	.99794	1.0079	2.0754	.05002	2.1731	50.037	.09322	.49230
#2	.04700	2.3836	.99674	1.0063	2.0795	.05011	2.1784	49.955	.09340	.49369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19986**	**.25102**	**1.0045**	**50.493**	**1.0224**	**49.379**	**.54849**	**.99546**	**55.808**	**.49961**
Stddev	.00002	.00011	.0008	.070	.0034	.141	.00096	.00251	.334	.00073
%RSD	.01234	.04327	.08065	.13789	.33680	.28652	.17498	.25216	.59823	.14644
#1	.19988	.25110	1.0051	50.444	1.0200	49.279	.54781	.99724	56.044	.49909
#2	.19985	.25095	1.0039	50.543	1.0249	49.479	.54916	.99369	55.572	.50012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.124**	**.49131**	**1.0940**	**.50564**	**1.9842**	**13.963**	**2.0189**	**1.0194**	**.99065**	**.98842**
Stddev	.009	.00111	.0025	.00039	.0010	.006	.0032	.0015	.00128	.00187
%RSD	.09133	.22643	.23147	.07723	.05306	.04044	.16109	.14333	.12872	.18952
#1	10.118	.49052	1.0922	.50536	1.9849	13.959	2.0166	1.0184	.99155	.98709
#2	10.131	.49209	1.0958	.50592	1.9835	13.967	2.0212	1.0204	.98975	.98974
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9867**	**2.0661**	**.49930**	**.48189**	**.46052**
Stddev	.0013	.0399	.00110	.00015	.00612
%RSD	.06342	1.9293	.22127	.03211	1.3295
#1	1.9859	2.0379	.49852	.48200	.45619
#2	1.9876	2.0943	.50008	.48178	.46485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4917.6**	**72823.**	**6150.9**
Stddev	21.6	610.	40.5
%RSD	.43926	.83754	.65887
#1	4932.8	73255.	6122.2
#2	4902.3	72392.	6179.5

Sample Name: CCVH-1018440 Acquired: 9/29/2011 14:14:13 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01656**	**49.079**	**.00021**	**.00462**	**.00087**	**-.00013**	**1.0402**	**-.01582**	**-.00131**	**.00232**	**-.00026**	**.00051**	**48.576**
Stddev	.00006	.089	.00198	.00043	.00010	.00007	.0029	.00049	.00012	.00030	.00011	.00033	.040
%RSD	.33655	.18147	933.78	9.2139	11.876	51.493	.27833	3.1221	9.0893	13.155	42.697	63.901	.08249
#1	-.01652	49.142	-.00119	.00432	.00094	-.00008	1.0422	-.01617	-.00139	.00253	-.00033	.00028	48.605
#2	-.01660	49.016	.00161	.00492	.00079	-.00018	1.0381	-.01547	-.00122	.00210	-.00018	.00074	48.548
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15152**	**.00056**	**-.03485**	**-.00030**	**.00409**	**254.00**	**.00051**	**.00401**	**-.00080**	**4.9597**	**-.00754**	**.01636**	**.02572**
Stddev	.02918	.00107	.00022	.00000	.00147	.44	.00012	.00058	.00177	.0112	.00015	.00400	.00921
%RSD	19.255	189.90	.63034	1.4151	35.947	.17188	24.112	14.593	219.59	.22622	2.0557	24.438	35.799
#1	.17215	.00132	-.03469	-.00031	.00305	254.31	.00060	.00442	-.00205	4.9518	-.00764	.01353	.01921
#2	.13089	-.00019	-.03500	-.00030	.00513	253.69	.00042	.00359	.00044	4.9677	-.00743	.01919	.03223
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00386**	**.00035**	**4.8961**	**-.00748**	**.00215**	**10.101**	**.00180**	**.00251**	**-.19060**
Stddev	.00019	.00001	.0050	.00027	.00191	.029	.00004	.00010	.00132
%RSD	4.9721	3.2200	.10252	3.5921	88.671	.28805	2.3464	4.1268	.69110
#1	.00372	.00036	4.8996	-.00767	.00080	10.080	.00177	.00244	-.19153
#2	.00399	.00034	4.8925	-.00729	.00350	10.121	.00183	.00258	-.18966
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4806.8**	**70453.**	**6019.1**
Stddev	1.6	207.	48.0
%RSD	.03359	.29378	.79808
#1	4808.0	70306.	5985.1
#2	4805.7	70599.	6053.0

Sample Name: CCV-1012098 Acquired: 9/29/2011 14:16:55 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50017**	**.51558**	**.98607**	**.51213**	**.50367**	**.50002**	**-.00365**	**4.9846**	**.50436**	**.50785**	**.50441**	**.50512**	**2.4048**
Stddev	.00147	.00131	.00310	.00079	.00064	.00116	.00242	.0067	.00069	.00028	.00041	.00025	.0048
%RSD	.29401	.25504	.31459	.15359	.12634	.23159	66.120	.13456	.13667	.05518	.08119	.04987	.19916
#1	.49913	.51465	.98388	.51157	.50412	.50084	-.00536	4.9799	.50388	.50765	.50412	.50495	2.4082
#2	.50121	.51651	.98827	.51268	.50322	.49920	-.00195	4.9894	.50485	.50805	.50470	.50530	2.4014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**50.689**	**1.0437**	**19.855**	**.50309**	**.49973**	**5.1664**	**.51706**	**1.0115**	**1.0087**	**-.00324**	**1.0027**	**.98176**	**5.0963**
Stddev	.079	.0014	.044	.00004	.00077	.0026	.00022	.0046	.0006	.00235	.0063	.00025	.0351
%RSD	.15578	.13775	.22233	.00786	.15369	.04931	.04238	.45775	.06480	72.610	.63069	.02538	.68952
#1	50.744	1.0447	19.824	.50307	.50027	5.1646	.51691	1.0082	1.0082	-.00158	1.0071	.98158	5.1211
#2	50.633	1.0427	19.886	.50312	.49918	5.1682	.51722	1.0147	1.0091	-.00490	.99819	.98193	5.0714
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0307**	**.50412**	**-.00093**	**.49036**	**1.0211**	**.00581**	**.49493**	**.49238**	**.49708**
Stddev	.0004	.00077	.00010	.00084	.0030	.01836	.00089	.00101	.00055
%RSD	.04149	.15335	10.905	.17040	.29688	315.98	.17973	.20428	.11067
#1	1.0304	.50467	-.00100	.48977	1.0189	-.00717	.49430	.49167	.49747
#2	1.0310	.50358	-.00086	.49095	1.0232	.01879	.49556	.49309	.49669
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4968.8**	**73795.**	**6013.4**
Stddev	18.0	299.	9.6
%RSD	.36277	.40579	.15973
#1	4981.5	74007.	6006.6
#2	4956.0	73583.	6020.2

Sample Name: CCB Acquired: 9/29/2011 14:19:22 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00043**	**-.00028**	**.00182**	**.00136**	**.00021**	**.00003**	**-.00700**	**-.00372**	**-.00002**	**.00019**	**-.00003**
Stddev	.00055	.00015	.00152	.00036	.00052	.00005	.00378	.00141	.00005	.00002	.00014
%RSD	129.23	55.319	83.442	26.366	248.03	190.59	54.033	37.854	285.55	10.912	469.30
#1	.00082	-.00039	.00075	.00161	-.00016	.00007	-.00433	-.00472	-.00005	.00021	-.00013
#2	.00004	-.00017	.00290	.00111	.00058	-.00001	-.00968	-.00272	.00002	.00018	.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00071**	**-.00371**	**.05384**	**.00132**	**-.00085**	**-.00007**	W **.00345**	**.04967**	**.00058**	**-.00034**	**-.00049**
Stddev	.00028	.00368	.00613	.00022	.00003	.00006	.00097	.00720	.00006	.00022	.00102
%RSD	39.453	99.116	11.391	16.958	3.4453	83.627	28.266	14.500	10.679	64.547	210.38
#1	-.00051	-.00631	.04950	.00116	-.00088	-.00003	.00276	.05476	.00054	-.00019	.00024
#2	-.00090	-.00111	.05818	.00148	-.00083	-.00012	.00414	.04458	.00063	-.00050	-.00121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00599**	F **.01440**	W **.00539**	**-.00031**	**.00034**	**-.00008**	**.00068**	**-.00013**	**-.00085**	**.00203**	**-.00021**
Stddev	.00295	.00228	.00161	.01925	.00011	.00014	.00274	.00005	.00127	.02783	.00035
%RSD	49.239	15.813	29.824	6133.3	33.819	174.06	405.53	35.794	149.07	1372.5	164.94
#1	-.00808	.01279	.00652	-.01392	.00026	-.00018	-.00126	-.00010	-.00175	.02171	.00003
#2	-.00391	.01601	.00425	.01330	.00042	.00002	.00262	-.00016	.00005	-.01765	-.00046
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00107**	**-.00089**
Stddev	.00023	.00102
%RSD	21.714	114.76
#1	.00123	-.00017
#2	.00091	-.00162
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4954.0**	**74149.**	**5960.1**
Stddev	16.9	167.	51.9
%RSD	.34058	.22529	.87038
#1	4942.0	74031.	5923.4
#2	4965.9	74268.	5996.8

Sample Name: CCVL1018383 Acquired: 9/29/2011 14:22:04 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01034**	**.10395**	**.01427**	**.09761**	**.00999**	**.00086**	**.11291**	**.19079**	**.00502**	**.01052**	**.00996**
Stddev	.00008	.00005	.00448	.00106	.00012	.00002	.00139	.00046	.00016	.00012	.00008
%RSD	.81482	.04999	31.376	1.0893	1.2026	2.7861	1.2341	.24312	3.2063	1.1791	.77486
#1	.01028	.10392	.01110	.09686	.01008	.00088	.11389	.19112	.00513	.01061	.00990
#2	.01040	.10399	.01743	.09836	.00991	.00084	.11192	.19046	.00490	.01043	.01001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01458**	**.09199**	**3.0583**	**.00987**	**.20056**	**.01013**	**.01964**	**1.0695**	**.04175**	**2.8407**	**.00860**
Stddev	.00029	.00354	.0315	.00170	.00077	.00003	.00015	.0016	.00008	.0030	.00063
%RSD	1.9878	3.8525	1.0306	17.258	.38374	.27524	.73944	.14659	.19811	.10637	7.3142
#1	.01479	.08949	3.0360	.00867	.20111	.01011	.01954	1.0684	.04181	2.8385	.00904
#2	.01438	.09450	3.0806	.01108	.20002	.01015	.01975	1.0706	.04169	2.8428	.00815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00341**	**.01121**	**.01339**	**.48542**	**.10147**	**.01016**	**.01590**	**.00968**	**.01461**	W **.07549**	**.00944**
Stddev	.00428	.00021	.00369	.00437	.00073	.00011	.00103	.00000	.00025	.04246	.00007
%RSD	125.57	1.8732	27.572	.90104	.71840	1.0837	6.4602	.00981	1.7335	56.252	.77696
#1	-.00038	.01136	.01078	.48851	.10199	.01008	.01518	.00968	.01479	.10551	.00939
#2	-.00643	.01106	.01600	.48233	.10095	.01024	.01663	.00968	.01443	.04546	.00949
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value										.06000	
Range										20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02130**	**.01468**
Stddev	.00057	.00211
%RSD	2.6857	14.353
#1	.02090	.01617
#2	.02171	.01319
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4985.6**	**75150.**	**6013.0**
Stddev	1.6	32.	12.2
%RSD	.03266	.04278	.20302
#1	4984.5	75173.	6004.4
#2	4986.8	75128.	6021.6

Sample Name: 280-20552-C-1-B Acquired: 9/29/2011 14:24:43 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.00721**	**-.00043**	**.00038**	**.00031**	**-.00005**	**-.00377**	**.05947**	**-.00006**	**.00003**
Stddev	.00006	.00012	.00106	.00056	.00023	.00002	.00243	.00089	.00000	.00012
%RSD	8.3049	1.6683	243.92	147.73	74.162	35.167	64.555	1.4903	7.5978	386.52
#1	.00072	.00729	-.00118	-.00002	.00015	-.00006	-.00549	.06010	-.00005	.00011
#2	.00064	.00712	.00031	.00077	.00047	-.00004	-.00205	.05884	-.00006	-.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00004**	**.00007**	**.00999**	**-.01889**	**-.00048**	**.01221**	**.00022**	**-.00010**	**.04769**	**.00013**
Stddev	.00008	.00001	.00044	.00487	.00060	.00073	.00007	.00006	.00290	.00009
%RSD	205.88	8.3774	4.4335	25.755	126.53	6.0103	33.845	62.317	6.0731	68.095
#1	.00002	.00007	.01031	-.02233	-.00005	.01169	.00027	-.00005	.04974	.00007
#2	-.00010	.00007	.00968	-.01545	-.00091	.01273	.00017	-.00014	.04564	.00019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00097**	**-.00093**	**.09511**	**.00057**	**-.00116**	**.04883**	**.00032**	**.00011**	**.00063**	**.00039**
Stddev	.00102	.00014	.00355	.00026	.00225	.00532	.00101	.00002	.00081	.00024
%RSD	105.18	15.063	3.7362	45.766	193.08	10.898	313.02	18.666	128.29	62.966
#1	.00025	-.00083	.09762	.00076	.00043	.04507	-.00039	.00009	.00006	.00056
#2	.00170	-.00103	.09259	.00039	-.00275	.05260	.00104	.00012	.00120	.00022
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00046**	**.01421**	**.00005**	**.00663**	**-.00095**
Stddev	.00037	.00284	.00010	.00054	.00285
%RSD	79.953	20.009	184.18	8.1521	300.36
#1	-.00073	.01220	-.00002	.00625	.00107
#2	-.00020	.01622	.00012	.00701	-.00296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5102.9**	**76429.**	**6076.5**
Stddev	27.5	356.	11.8
%RSD	.53867	.46565	.19443
#1	5083.5	76681.	6068.1
#2	5122.4	76177.	6084.8

Sample Name: 280-20552-C-2-B Acquired: 9/29/2011 14:27:25 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00040**	**.03801**	**-.00159**	**.00661**	**.00721**	**.00007**	**-.00697**	**.17052**	**.00000**	**.00021**
Stddev	.00015	.00103	.00270	.00031	.00018	.00002	.00466	.00001	.0001	.00027
%RSD	38.415	2.7174	169.68	4.7270	2.5130	24.462	66.803	.00364	1419.2	125.54
#1	.00029	.03874	.00032	.00639	.00709	.00006	-.01027	.17051	-.00005	.00040
#2	.00050	.03728	-.00350	.00683	.00734	.00009	-.00368	.17052	.00004	.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00009**	**-.00046**	**.01767**	**.14688**	**.00081**	**.32294**	**.00181**	**-.00008**	**1.5862**	**.00047**
Stddev	.00006	.00014	.00000	.02066	.00024	.00183	.00006	.00004	.0012	.00016
%RSD	68.504	30.053	.01579	14.063	29.790	.56519	3.4723	46.621	.07606	33.818
#1	.00005	-.00036	.01767	.13227	.00064	.32165	.00185	-.00005	1.5870	.00059
#2	.00013	-.00055	.01766	.16148	.00098	.32423	.00177	-.00010	1.5853	.00036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00193**	**-.00041**	**.21559**	**.00066**	**-.00166**	**2.2233**	**.00064**	**.00254**	**-.00022**	**.00028**
Stddev	.00256	.00061	.00554	.00067	.00209	.0208	.00047	.00010	.00056	.00015
%RSD	132.68	146.93	2.5684	100.97	126.48	.93443	74.035	3.7746	251.38	54.144
#1	.00373	-.00084	.21168	.00019	-.00017	2.2086	.00097	.00261	.00017	.00017
#2	.00012	.00002	.21951	.00113	-.00314	2.2380	.00030	.00247	-.00062	.00038
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**.02038**	**-.00016**	**.00204**	**-.00028**
Stddev	.00119	.00919	.00032	.00001	.00047
%RSD	1957.7	45.092	193.42	.56645	165.58
#1	.00090	.02687	.00006	.00205	.00005
#2	-.00078	.01388	-.00039	.00203	-.00061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5078.3**	**75940.**	**6104.3**
Stddev	20.3	29.	5.3
%RSD	.40025	.03756	.08684
#1	5063.9	75920.	6108.1
#2	5092.7	75960.	6100.6

Sample Name: 280-20552-C-3-B Acquired: 9/29/2011 14:30:07 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00065**	**.84462**	**.00079**	**.05430**	**.07389**	**.00004**	**-.00660**	**18.973**	**.00002**	**.00082**
Stddev	.00056	.00577	.00091	.00029	.00025	.00001	.00060	.042	.00008	.00021
%RSD	85.798	.68273	114.93	.52789	.33188	16.577	9.0495	.22101	484.43	25.861
#1	.00105	.84869	.00143	.05410	.07371	.00003	-.00618	19.002	.00008	.00067
#2	.00026	.84054	.00015	.05450	.07406	.00004	-.00702	18.943	-.00004	.00097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00046**	**.00000**	**.16199**	**.54441**	**-.00014**	**4.8489**	**.20147**	**-.00043**	**5.6294**	**.00123**
Stddev	.00018	.0002	.00050	.00967	.00059	.0146	.00081	.00008	.0127	.00001
%RSD	39.927	14553.	.30950	1.7763	416.71	.30052	.40217	18.911	.22622	.48864
#1	.00059	-.00012	.16163	.55124	.00028	4.8386	.20090	-.00049	5.6384	.00124
#2	.00033	.00012	.16234	.53757	-.00056	4.8592	.20204	-.00038	5.6204	.00123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01467**	**.00110**	**20.515**	**.00058**	**.00197**	**2.6576**	**.00088**	**.08477**	**.00141**	**.00823**
Stddev	.00079	.00040	.006	.00178	.00083	.0149	.00046	.00019	.00110	.00010
%RSD	5.3769	35.836	.03016	308.31	42.394	.56042	51.754	.22025	77.984	1.2185
#1	.01522	.00082	20.511	-.00068	.00255	2.6682	.00120	.08490	.00063	.00816
#2	.01411	.00138	20.520	.00183	.00138	2.6471	.00056	.08464	.00219	.00830
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00112**	**.00259**	**-.00036**	**.00284**	**-.00088**
Stddev	.00095	.00307	.00033	.00000	.00031
%RSD	84.811	118.47	92.178	.17061	34.967
#1	-.00045	.00476	-.00013	.00285	-.00067
#2	-.00179	.00042	-.00060	.00284	-.00110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5016.5**	**75066.**	**6070.9**
Stddev	4.3	333.	31.1
%RSD	.08636	.44299	.51157
#1	5013.5	75301.	6092.8
#2	5019.6	74831.	6048.9

Sample Name: 280-20555-K-5-C Acquired: 9/29/2011 14:32:47 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00071**	**.00351**	**.00043**	**.11129**	**.00367**	**-.00001**	W **-.01195**	**103.67**	**-.00018**	**-.00060**
Stddev	.00035	.00248	.00232	.00065	.00008	.00011	.00219	.45	.00012	.00013
%RSD	49.534	70.584	543.14	.58841	2.2764	793.75	18.353	.43119	66.247	21.047
#1	.00046	.00176	-.00121	.11082	.00372	.00006	-.01350	103.99	-.00010	-.00069
#2	.00096	.00527	.00207	.11175	.00361	-.00009	-.01040	103.35	-.00027	-.00051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							3.0000			
Low Limit							-.01000			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00181**	**.00130**	**.00387**	**15.898**	**.00745**	**129.16**	**.00018**	**-.00038**	**396.08**	**.00265**
Stddev	.00042	.00012	.00274	.007	.00407	.56	.00003	.00013	.04	.00002
%RSD	23.319	9.5789	70.986	.04453	54.644	.43304	15.566	33.103	.00938	.72220
#1	.00210	.00139	.00581	15.893	.01032	129.56	.00020	-.00047	396.11	.00263
#2	.00151	.00122	.00193	15.903	.00457	128.76	.00016	-.00029	396.05	.00266
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07986**	**.00074**	**49.152**	**-.00128**	**.00084**	**35.197**	**-.00056**	**1.0145**	**-.00238**	**-.00087**
Stddev	.00055	.00048	.134	.00056	.00274	.252	.00033	.0011	.00083	.00024
%RSD	.68443	65.335	.27316	43.720	324.86	.71582	57.905	.10504	34.794	27.120
#1	.07947	.00108	49.247	-.00167	-.00109	35.375	-.00033	1.0153	-.00297	-.00103
#2	.08024	.00040	49.057	-.00088	.00278	35.018	-.00079	1.0138	-.00180	-.00070
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00046**	**.01411**	**.01486**	**.00387**	**-.00185**
Stddev	.00040	.00724	.00049	.00015	.00348
%RSD	87.449	51.298	3.2825	3.9792	187.68
#1	-.00018	.01923	.01520	.00376	-.00431
#2	-.00075	.00899	.01451	.00398	.00061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4617.5**	**67528.**	**5944.3**
Stddev	5.2	333.	61.5
%RSD	.11254	.49299	1.0347
#1	4613.9	67293.	5900.8
#2	4621.2	67763.	5987.8

Sample Name: 280-20555-K-6-C Acquired: 9/29/2011 14:35:39 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00048**	**.00141**	**-.00210**	**.11289**	**.00403**	**-.00011**	**-.00683**	**106.11**	**-.00010**	**-.00008**
Stddev	.00078	.00071	.00319	.00038	.00005	.00001	.00178	.01	.00019	.00012
%RSD	162.95	50.393	152.33	.33502	1.3185	5.2380	26.061	.01344	203.78	144.35
#1	.00103	.00090	.00016	.11263	.00399	-.00012	-.00557	106.12	.00004	.00000
#2	-.00007	.00191	-.00435	.11316	.00406	-.00011	-.00808	106.10	-.00023	-.00017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00141**	**.00108**	**.00267**	**16.014**	**.00942**	**129.95**	**.00212**	**-.00024**	**368.83**	**.00314**
Stddev	.00006	.00052	.00156	.039	.00104	.26	.00001	.00041	.04	.00002
%RSD	4.5408	47.558	58.241	.24287	11.036	.20312	.30842	173.45	.01009	.51757
#1	.00136	.00072	.00157	16.041	.00868	130.14	.00212	.00005	368.81	.00315
#2	.00145	.00145	.00377	15.986	.01015	129.76	.00213	-.00053	368.86	.00313
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.09506**	**-.00093**	**48.384**	**.00084**	**-.00414**	**34.888**	**-.00054**	**1.0625**	**-.00223**	**-.00122**
Stddev	.00170	.00040	.019	.00004	.00311	.043	.00003	.0002	.00122	.00006
%RSD	1.7916	42.980	.03912	4.7546	75.154	.12315	4.6698	.01698	54.668	5.1438
#1	.09386	-.00121	48.371	.00081	-.00635	34.857	-.00056	1.0626	-.00309	-.00118
#2	.09626	-.00064	48.398	.00087	-.00194	34.918	-.00053	1.0624	-.00137	-.00127
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00215**	**.01034**	**.01625**	**.00221**	**-.00151**
Stddev	.00107	.02313	.00025	.00000	.00017
%RSD	49.795	223.74	1.5330	.06745	10.966
#1	.00291	-.00602	.01643	.00221	-.00139
#2	.00139	.02669	.01608	.00221	-.00163
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4592.0**	**67338.**	**5960.2**
Stddev	11.3	272.	7.3
%RSD	.24638	.40382	.12275
#1	4584.0	67146.	5965.3
#2	4600.0	67530.	5955.0

Sample Name: 280-20557-C-1-A Acquired: 9/29/2011 14:38:26 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00096**	**.16298**	**.03802**	**11.236**	**2.5206**	**-.00012**	W **-.01091**	**214.82**	**-.00067**	**.02584**
Stddev	.00019	.00150	.00381	.014	.0025	.00006	.00099	.68	.00010	.00010
%RSD	19.877	.92194	10.012	.12326	.10014	44.464	9.1149	.31817	14.424	.38141
#1	.00110	.16404	.03533	11.245	2.5224	-.00009	-.01021	215.30	-.00074	.02591
#2	.00083	.16191	.04071	11.226	2.5189	-.00016	-.01161	214.34	-.00061	.02577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							3.0000			
Low Limit							-.01000			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01883**	**.00079**	**7.7846**	**60.131**	**.04500**	W **559.16**	**2.2192**	**.00262**	W **1106.1**	**.27608**
Stddev	.00013	.00020	.0280	.012	.00090	.76	.0029	.00041	1.7	.00015
%RSD	.71560	24.764	.35939	.01951	2.0014	.13626	.13116	15.469	.15577	.05487
#1	.01874	.00065	7.8043	60.139	.04436	558.62	2.2213	.00233	1107.3	.27619
#2	.01893	.00093	7.7648	60.122	.04564	559.70	2.2172	.00291	1104.9	.27598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit						500.00			500.00	
Low Limit						-.10000			10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.6478**	**-.00116**	**20.516**	**.00144**	**.00720**	W **51.716**	**.00388**	**4.2136**	**-.00508**	**.07318**
Stddev	.0060	.00100	.009	.00220	.00153	.215	.00010	.0073	.00127	.00004
%RSD	.36387	86.695	.04484	153.01	21.224	.41600	2.6312	.17388	25.110	.05752
#1	1.6521	-.00045	20.523	-.00012	.00612	51.868	.00395	4.2188	-.00598	.07320
#2	1.6436	-.00187	20.510	.00300	.00828	51.564	.00380	4.2084	-.00418	.07315
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						50.000				
Low Limit						-.10000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00142**	**-.04998**	**.02240**	**.01766**	**.25671**
Stddev	.00091	.03333	.00133	.00002	.00043
%RSD	63.852	66.685	5.9376	.08874	.16809
#1	-.00078	-.02641	.02334	.01767	.25640
#2	-.00206	-.07355	.02146	.01765	.25701
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4291.4**	**62439.**	**5894.9**
Stddev	.0	226.	48.5
%RSD	.00084	.36126	.82317
#1	4291.4	62279.	5860.6
#2	4291.4	62598.	5929.2

Sample Name: 280-20557-C-2-A Acquired: 9/29/2011 14:42:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00062**	**.03722**	**.01812**	**15.564**	**2.2641**	**-.00003**	**-.00600**	**62.998**	**-.00036**	**.04854**
Stddev	.00020	.00120	.00320	.046	.0031	.00005	.00019	.100	.00018	.00034
%RSD	32.180	3.2344	17.641	.29582	.13741	149.91	3.0837	.15922	48.775	.69535
#1	.00076	.03807	.02038	15.597	2.2663	-.00007	-.00587	63.069	-.00049	.04878
#2	.00048	.03637	.01586	15.532	2.2619	.00000	-.00613	62.927	-.00024	.04830
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02434**	**.00020**	**1.8874**	W **253.13**	**.21542**	W **1090.5**	**.33652**	**.00230**	W **2095.9**	**.56643**
Stddev	.00004	.00030	.0059	.10	.00184	2.8	.00103	.00026	6.2	.00343
%RSD	.15353	149.66	.31076	.04121	.85575	.25537	.30603	11.334	.29550	.60522
#1	.02436	.00041	1.8833	253.06	.21412	1088.6	.33579	.00211	2100.2	.56885
#2	.02431	-.00001	1.8916	253.20	.21673	1092.5	.33725	.00248	2091.5	.56401
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00		500.00			500.00	
Low Limit				-.50000		-.10000			10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1703**	**-.00132**	**29.809**	**.00136**	**.00761**	**48.200**	**.00235**	**2.8049**	W **-.01112**	**.14954**
Stddev	.0093	.00033	.135	.00074	.00091	.002	.00067	.0065	.00054	.00056
%RSD	.42973	25.390	.45350	54.773	11.936	.00476	28.312	.23303	4.8372	.37300
#1	2.1769	-.00108	29.905	.00188	.00825	48.199	.00283	2.8095	-.01150	.14915
#2	2.1637	-.00155	29.714	.00083	.00697	48.202	.00188	2.8003	-.01074	.14994
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									45.000	
Low Limit									-.01000	

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00190**	**.03792**	**.08145**	**.01672**	**.24902**
Stddev	.00031	.03720	.00022	.00001	.00066
%RSD	16.149	98.100	.26688	.06529	.26371
#1	-.00212	.01162	.08129	.01671	.24948
#2	-.00169	.06423	.08160	.01673	.24855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4153.0**	**59023.**	**5788.6**
Stddev	17.4	123.	23.9
%RSD	.41912	.20918	.41211
#1	4140.7	59111.	5805.5
#2	4165.4	58936.	5771.7

Sample Name: CCVH-1018440 Acquired: 9/29/2011 14:45:42 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01735**	**49.411**	**-.00290**	**.04745**	**.00105**	**-.00015**	**1.0418**	**-.01268**	**-.00121**	**.00232**	**-.00028**	**.00012**	**48.662**
Stddev	.00048	.013	.00148	.00346	.00026	.00005	.0046	.00188	.00025	.00031	.00009	.00038	.038
%RSD	2.7944	.02692	51.146	7.2902	24.675	32.293	.44660	14.830	20.858	13.343	30.947	316.52	.07901
#1	-.01700	49.401	-.00185	.04989	.00087	-.00018	1.0451	-.01400	-.00139	.00254	-.00034	-.00015	48.689
#2	-.01769	49.420	-.00395	.04500	.00124	-.00011	1.0385	-.01135	-.00104	.00210	-.00022	.00039	48.635
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.23886**	**.00203**	**.02864**	**-.00029**	**-.00247**	**258.08**	**.00108**	**.01200**	**-.00129**	**4.9561**	**-.00905**	**.00651**	**.11081**
Stddev	.05841	.00191	.00360	.00000	.00011	.52	.00037	.00047	.00050	.0160	.00155	.00158	.00730
%RSD	24.453	93.841	12.564	1.4183	4.4782	.20292	34.109	3.8919	39.185	.32328	17.078	24.256	6.5914
#1	.28016	.00338	.03118	-.00028	-.00255	257.71	.00134	.01233	-.00093	4.9674	-.00796	.00763	.11598
#2	.19756	.00068	.02609	-.00029	-.00239	258.45	.00082	.01167	-.00165	4.9447	-.01014	.00540	.10565
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00260**	**.00050**	**4.8874**	**-.00725**	**.00184**	**10.047**	**.00139**	**.00229**	**-.18987**
Stddev	.00071	.00000	.0014	.00010	.00158	.033	.00064	.00008	.00220
%RSD	27.270	.04051	.02885	1.4438	85.831	.33118	45.921	3.5751	1.1567
#1	.00210	.00050	4.8884	-.00717	.00296	10.023	.00184	.00223	-.19143
#2	.00310	.00050	4.8864	-.00732	.00072	10.070	.00094	.00235	-.18832
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4770.4**	**69835.**	**5821.3**
Stddev	10.8	399.	1.8
%RSD	.22631	.57085	.03149
#1	4778.1	70116.	5820.0
#2	4762.8	69553.	5822.6

Sample Name: CCV-1012098 Acquired: 9/29/2011 14:48:20 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50047**	**.51664**	**.99114**	**.54224**	**.50551**	**.50005**	**-.00090**	**4.9405**	**.50635**	**.50984**	**.50707**	**.50865**	**2.3826**
Stddev	.00105	.00041	.00004	.00036	.00077	.00050	.00229	.0154	.00050	.00069	.00044	.00065	.0071
%RSD	.20939	.07901	.00388	.06703	.15297	.09934	255.82	.31170	.09795	.13483	.08580	.12797	.29979
#1	.49973	.51635	.99116	.54249	.50606	.50041	.00073	4.9514	.50600	.51032	.50677	.50819	2.3877
#2	.50121	.51693	.99111	.54198	.50496	.49970	-.00252	4.9296	.50670	.50935	.50738	.50911	2.3776
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.065**	**1.0530**	**20.057**	**.50819**	**.49840**	**5.3873**	**.52232**	**1.0170**	**1.0057**	**-.00418**	**1.0006**	**.99082**	**5.1740**
Stddev	.033	.0031	.004	.00045	.00156	.0466	.00005	.0008	.0002	.00490	.0034	.00366	.0221
%RSD	.06429	.29619	.01824	.08779	.31368	.86541	.00993	.07817	.02012	117.16	.34144	.36905	.42709
#1	51.088	1.0553	20.055	.50788	.49950	5.4202	.52228	1.0165	1.0058	-.00072	1.0030	.99340	5.1583
#2	51.042	1.0508	20.060	.50851	.49729	5.3543	.52236	1.0176	1.0055	-.00765	.99822	.98823	5.1896
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0435**	**.50651**	**-.00060**	**.49099**	**1.0200**	**-.00783**	**.50113**	**.49592**	**.49148**
Stddev	.0013	.00070	.00041	.00077	.0007	.02275	.00002	.00137	.00107
%RSD	.12611	.13862	68.925	.15743	.06943	290.72	.00482	.27622	.21868
#1	1.0425	.50701	-.00031	.49044	1.0195	-.02392	.50115	.49495	.49224
#2	1.0444	.50602	-.00089	.49153	1.0205	.00826	.50111	.49689	.49072
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4894.1**	**72645.**	**5949.4**
Stddev	11.6	325.	5.1
%RSD	.23685	.44767	.08562
#1	4902.3	72874.	5953.0
#2	4885.9	72415.	5945.8

Sample Name: CCB Acquired: 9/29/2011 14:50:46 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00017**	**.00045**	**-.00097**	F **.02271**	**.00021**	**.00009**	**-.00759**	**-.00761**	**.00007**	**.00015**	**-.00017**	**-.00067**
Stddev	.00100	.00026	.00185	.00090	.00025	.00005	.00027	.00196	.00007	.00016	.00011	.00010
%RSD	587.67	58.807	191.65	3.9515	122.93	50.359	3.5870	25.811	94.647	107.40	68.343	14.670
#1	-.00054	.00026	-.00228	.02335	.00039	.00012	-.00739	-.00900	.00002	.00004	-.00025	-.00074
#2	.00088	.00064	.00034	.02208	.00003	.00006	-.00778	-.00622	.00012	.00026	-.00009	-.00060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00312								
Low Limit				-.00312								

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00402**	**.11100**	**.00063**	**.00886**	**-.00004**	**.00298**	F **.23798**	**.00059**	**.00217**	**.00019**	**-.00110**	F **.01667**
Stddev	.00031	.01264	.00023	.00267	.00004	.00051	.00015	.00035	.00172	.00079	.00024	.00289
%RSD	7.6201	11.385	37.421	30.094	100.04	17.228	.06281	59.396	79.294	412.84	21.976	17.355
#1	-.00381	.11993	.00046	.00698	-.00007	.00262	.23808	.00083	.00095	.00075	-.00093	.01462
#2	-.00424	.10206	.00079	.01075	-.00001	.00335	.23787	.00034	.00339	-.00037	-.00127	.01871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail
High Limit							.10000					.00628
Low Limit							-.10000					-.00628

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00119**	**.01026**	**.00028**	**.00004**	**.00166**	**.00007**	**-.00124**	**.00963**	**-.00020**	**.00083**	**-.00078**
Stddev	.00150	.01921	.00023	.00009	.00020	.00007	.00058	.00031	.00034	.00024	.00036
%RSD	126.56	187.14	81.787	210.71	11.854	95.033	47.127	3.2001	173.13	29.231	46.608
#1	.00012	-.00332	.00012	.00010	.00179	.00002	-.00083	.00985	-.00044	.00066	-.00052
#2	.00225	.02384	.00044	-.00002	.00152	.00012	-.00165	.00942	.00004	.00100	-.00103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4893.4**	**73370.**	**5869.9**
Stddev	32.2	20.	.7
%RSD	.65858	.02662	.01212
#1	4870.6	73384.	5869.4
#2	4916.2	73356.	5870.5

Sample Name: CCVL1018383 Acquired: 9/29/2011 14:53:29 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00981**	**.10468**	W **.01066**	**.11469**	**.01050**	**.00098**	**.11086**	**.20539**	**.00496**	**.01037**	**.00999**
Stddev	.00003	.00080	.00070	.00053	.00014	.00004	.00364	.00237	.00017	.00024	.00006
%RSD	.30667	.76706	6.5900	.46494	1.2980	3.5927	3.2822	1.1518	3.3728	2.3568	.62723
#1	.00983	.10525	.01016	.11506	.01059	.00100	.11343	.20372	.00484	.01055	.00994
#2	.00979	.10411	.01115	.11431	.01040	.00095	.10828	.20707	.00508	.01020	.01003
Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			.01500								
Range			-20.000%								

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01506**	**.09750**	**3.1102**	**.01065**	**.20934**	**.01033**	**.01947**	W **1.2315**	**.04319**	**2.8771**	**.00955**
Stddev	.00043	.00013	.0049	.00054	.00199	.00000	.00037	.0011	.00043	.0032	.00068
%RSD	2.8741	.13173	.15730	5.0702	.94915	.03769	1.8874	.08571	.99585	.11093	7.0707
#1	.01537	.09759	3.1137	.01103	.20793	.01032	.01973	1.2322	.04289	2.8793	.01003
#2	.01475	.09740	3.1068	.01027	.21074	.01033	.01921	1.2307	.04350	2.8748	.00907
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
Value								1.0000			
Range								20.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00229**	F **.01331**	**.01270**	**.48505**	**.10338**	**.01009**	**.01387**	**.00956**	**.01614**	F **.08376**	**.01030**
Stddev	.00021	.00027	.00031	.01229	.00009	.00008	.00049	.00013	.00030	.00567	.00009
%RSD	9.3614	2.0241	2.4181	2.5329	.08923	.77274	3.5217	1.3798	1.8562	6.7723	.87518
#1	-.00214	.01312	.01291	.49374	.10331	.01003	.01352	.00965	.01592	.08777	.01024
#2	-.00244	.01350	.01248	.47637	.10344	.01014	.01421	.00947	.01635	.07975	.01036
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.01000								.06000	
Range		30.000%								30.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02121**	**.01376**
Stddev	.00011	.00150
%RSD	.51587	10.909
#1	.02114	.01482
#2	.02129	.01270
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4956.7**	**74110.**	**5927.1**
Stddev	1.8	87.	13.0
%RSD	.03705	.11722	.21953
#1	4955.4	74172.	5936.3
#2	4958.0	74049.	5917.9

Sample Name: MB 280-86733/1-A Acquired: 9/29/2011 14:56:09 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.00741**	**-.00233**	F **.01229**	**.00025**	**-.00001**	**-.00388**	**.00034**	**-.00003**	**.00010**
Stddev	.00051	.00017	.00121	.00049	.00009	.00011	.00222	.00465	.00014	.00052
%RSD	67.379	2.2875	51.973	3.9730	35.202	951.41	57.272	1360.4	532.59	543.46
#1	.00039	.00753	-.00319	.01264	.00019	.00006	-.00546	.00363	-.00013	.00047
#2	.00111	.00729	-.00147	.01195	.00032	-.00009	-.00231	-.00295	.00007	-.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.01000						
Low Limit				-.01000						

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00019**	**-.00038**	**.00315**	**.01672**	**.00238**	**.00333**	**.00000**	**-.00014**	**.14749**	**.00036**
Stddev	.00001	.00011	.00085	.00558	.00032	.00003	.00001	.00011	.00846	.00016
%RSD	3.4503	28.227	26.821	33.378	13.577	.93841	433.97	81.333	5.7336	44.499
#1	-.00018	-.00046	.00256	.01278	.00261	.00331	.00000	-.00006	.15347	.00047
#2	-.00019	-.00031	.00375	.02067	.00216	.00335	.00001	-.00022	.14151	.00024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00053**	**-.00099**	**-.00219**	**.00258**	**-.00143**	**.01647**	**.00015**	**.00007**	**.00076**	**-.00012**
Stddev	.00043	.00169	.00042	.00125	.00355	.00389	.00014	.00001	.00038	.00022
%RSD	80.749	170.82	19.017	48.324	248.05	23.608	88.073	11.250	49.792	185.40
#1	.00023	-.00219	-.00248	.00346	.00108	.01372	.00025	.00008	.00049	-.00027
#2	.00083	.00021	-.00189	.00170	-.00394	.01922	.00006	.00007	.00103	.00004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00120**	**-.00350**	**-.00020**	**.00151**	**-.00181**
Stddev	.00048	.01065	.00006	.00010	.00107
%RSD	40.314	304.08	27.422	6.3961	59.032
#1	-.00085	.00403	-.00016	.00145	-.00106
#2	-.00154	-.01103	-.00024	.00158	-.00257
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5014.5**	**74950.**	**5955.8**
Stddev	4.8	169.	29.5
%RSD	.09498	.22556	.49571
#1	5011.1	74830.	5934.9
#2	5017.9	75069.	5976.6

Sample Name: LCS 280-86733/2-A Acquired: 9/29/2011 14:58:50 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04706**	**1.9186**	**.99406**	**1.0064**	**2.0031**	**.04954**	**2.1877**	**48.560**	**.09280**	**.49325**
Stddev	.00044	.0029	.00066	.0004	.0050	.00027	.0057	.114	.00029	.00035
%RSD	.92944	.14934	.06591	.03894	.25025	.53898	.26299	.23553	.31084	.07132
#1	.04736	1.9206	.99452	1.0067	2.0066	.04973	2.1837	48.641	.09259	.49300
#2	.04675	1.9166	.99359	1.0062	1.9995	.04935	2.1918	48.479	.09300	.49350
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20020**	**.24975**	**.93772**	**50.619**	**1.0335**	**49.031**	**.50019**	**.98837**	**52.503**	**.50828**
Stddev	.00043	.00093	.00230	.022	.0018	.233	.00248	.00014	.232	.00039
%RSD	.21529	.37196	.24501	.04393	.17677	.47545	.49561	.01418	.44266	.07768
#1	.20050	.25041	.93935	50.635	1.0348	49.196	.50194	.98847	52.668	.50800
#2	.19989	.24910	.93610	50.603	1.0322	48.866	.49843	.98827	52.339	.50855
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.193**	**.48870**	**-.00260**	**.49990**	**1.9614**	**10.019**	**2.0569**	**1.0152**	**.98439**	**.97795**
Stddev	.005	.00120	.00166	.00033	.0057	.012	.0006	.0029	.00034	.00313
%RSD	.05004	.24465	63.879	.06504	.29256	.11850	.02748	.28386	.03408	.32027
#1	10.196	.48785	-.00378	.50013	1.9573	10.011	2.0565	1.0173	.98415	.98016
#2	10.189	.48954	-.00143	.49967	1.9654	10.028	2.0573	1.0132	.98462	.97573
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9847**	**2.0409**	**.50083**	**.48750**	**.45767**
Stddev	.0003	.0340	.00201	.00265	.00120
%RSD	.01369	1.6684	.40173	.54432	.26144
#1	1.9849	2.0650	.50225	.48938	.45682
#2	1.9845	2.0168	.49940	.48563	.45851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4797.9**	**70929.**	**5934.0**
Stddev	2.0	516.	30.1
%RSD	.04066	.72715	.50684
#1	4799.2	70565.	5912.7
#2	4796.5	71294.	5955.3

Sample Name: 280-20056-E-21-E Acquired: 9/29/2011 15:01:14 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**.00186**	**.00117**	**.01359**	**.00042**	**-.00003**	**-.00379**	**.07112**	**.00002**	**.00034**
Stddev	.00015	.00038	.00154	.00025	.00009	.00008	.00087	.00039	.00004	.00010
%RSD	25.564	20.434	132.11	1.8444	21.473	234.82	22.845	.55519	187.84	29.068
#1	.00068	.00159	.00008	.01377	.00036	-.00009	-.00318	.07085	-.00001	.00041
#2	.00047	.00213	.00226	.01342	.00049	.00002	-.00440	.07140	.00004	.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**-.00039**	**.00080**	**.04822**	**.00098**	**.00624**	**.00060**	**.00483**	**.12203**	**.00105**
Stddev	.00003	.00013	.00311	.01521	.00197	.00164	.00005	.00110	.01014	.00020
%RSD	23.629	32.984	387.10	31.542	201.41	26.218	8.6881	22.673	8.3097	18.938
#1	-.00010	-.00030	-.00140	.05898	-.00041	.00740	.00063	.00406	.11486	.00091
#2	-.00013	-.00049	.00300	.03747	.00237	.00509	.00056	.00561	.12920	.00119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00471**	**-.00161**	**.01011**	**.00042**	**.00989**	**.05963**	**.00149**	**.00033**	**-.00011**	**.00057**
Stddev	.00129	.00048	.00024	.00154	.00127	.01658	.00079	.00006	.00041	.00024
%RSD	27.462	29.610	2.4161	367.32	12.850	27.803	53.119	18.163	387.18	41.272
#1	.00563	-.00127	.00994	-.00067	.00899	.07135	.00093	.00037	-.00040	.00040
#2	.00380	-.00194	.01028	.00151	.01079	.04790	.00204	.00029	.00018	.00074
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00086**	**.01479**	**.00024**	**.00407**	**-.00043**
Stddev	.00109	.00627	.00043	.00031	.00071
%RSD	125.92	42.375	175.78	7.5494	163.96
#1	-.00163	.01036	-.00006	.00429	-.00093
#2	-.00009	.01922	.00055	.00385	.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5063.0**	**75769.**	**6067.4**
Stddev	15.2	190.	15.5
%RSD	.30004	.25075	.25516
#1	5073.8	75635.	6056.4
#2	5052.3	75904.	6078.3

Sample Name: 280-20118-E-21-D Acquired: 9/29/2011 15:03:56 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.00570**	**.00616**	**.02248**	**.27754**	**-.00012**	**-.00370**	**111.02**	**-.00004**	**.01697**
Stddev	.00017	.00004	.00119	.00009	.00071	.00005	.00047	.29	.00016	.00003
%RSD	24.897	.72474	19.366	.40972	.25538	39.406	12.817	.25962	385.15	.16081
#1	.00056	.00567	.00532	.02241	.27805	-.00009	-.00337	111.22	-.00016	.01695
#2	.00080	.00573	.00701	.02254	.27704	-.00016	-.00404	110.81	.00007	.01699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00077**	**.00101**	**13.284**	**16.052**	**.00615**	**22.588**	**5.0927**	**.00055**	**3.6037**	**.00934**
Stddev	.00008	.00011	.044	.034	.00080	.087	.0686	.00043	.0269	.00007
%RSD	10.017	11.124	.33452	.21095	12.987	.38368	1.3467	78.872	.74615	.70718
#1	.00082	.00109	13.316	16.076	.00672	22.649	5.1412	.00024	3.6227	.00939
#2	.00071	.00093	13.253	16.028	.00559	22.527	5.0442	.00085	3.5847	.00929
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.22910**	**.00032**	**6.1938**	**.00197**	**.00012**	**7.5424**	**.00018**	**.29356**	**.00007**	**.00003**
Stddev	.00086	.00134	.0050	.00015	.00271	.0171	.00057	.00065	.00183	.00001
%RSD	.37695	417.52	.08115	7.6221	2272.7	.22742	325.43	.22190	2600.5	27.109
#1	.22849	.00127	6.1902	.00207	-.00180	7.5546	-.00023	.29402	-.00123	.00002
#2	.22971	-.00063	6.1973	.00186	.00203	7.5303	.00058	.29310	.00137	.00003
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**-.01353**	W **-.01840**	**.01402**	**.00021**
Stddev	.00070	.01320	.00007	.00033	.00082
%RSD	256.36	97.564	.38979	2.3806	396.08
#1	.00022	-.00419	-.01835	.01378	-.00037
#2	-.00076	-.02286	-.01845	.01425	.00079
Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass
High Limit			45.000		
Low Limit			-.01000		

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4856.7**	**73047.**	**6067.5**
Stddev	.4	825.	43.9
%RSD	.00840	1.1297	.72355
#1	4856.4	72463.	6036.5
#2	4857.0	73630.	6098.6

Sample Name: 280-20204-C-15-C Acquired: 9/29/2011 15:06:40 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00090**	**.00084**	**.00805**	**.02713**	**.26110**	**-.00007**	**-.00079**	**80.747**	**-.00010**	**.00022**
Stddev	.00027	.00020	.00037	.00005	.00048	.00001	.00087	.141	.00007	.00006
%RSD	30.260	23.477	4.6102	.16708	.18538	9.3348	110.12	.17459	68.818	26.624
#1	.00109	.00070	.00831	.02710	.26144	-.00007	-.00017	80.847	-.00005	.00018
#2	.00071	.00098	.00778	.02716	.26076	-.00008	-.00140	80.647	-.00015	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00056**	**.00030**	**20.424**	**1.4593**	**.00406**	**16.207**	**1.4625**	**-.00030**	**3.7694**	**.00112**
Stddev	.00010	.00013	.001	.0427	.00036	.044	.0018	.00028	.0126	.00030
%RSD	18.263	42.325	.00352	2.9275	8.7619	.26904	.12200	91.176	.33402	26.313
#1	.00063	.00039	20.423	1.4895	.00431	16.238	1.4638	-.00011	3.7783	.00133
#2	.00048	.00021	20.424	1.4291	.00381	16.176	1.4613	-.00050	3.7605	.00091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.16441**	**-.00185**	**8.4762**	**-.00130**	**-.00136**	**9.1101**	**-.00026**	**.20686**	**.00154**	**-.00060**
Stddev	.00024	.00066	.0081	.00346	.00161	.0481	.00031	.00007	.00018	.00033
%RSD	.14584	35.870	.09564	265.62	118.27	.52829	119.02	.03269	11.717	55.819
#1	.16458	-.00138	8.4705	.00114	-.00250	9.1441	-.00048	.20681	.00166	-.00083
#2	.16424	-.00231	8.4819	-.00375	-.00022	9.0761	-.00004	.20691	.00141	-.00036
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00070**	**-.01811**	**-.00342**	**.01164**	**-.00073**
Stddev	.00071	.01411	.00012	.00031	.00167
%RSD	101.62	77.922	3.5987	2.6789	226.90
#1	.00020	-.02808	-.00350	.01142	-.00191
#2	.00119	-.00813	-.00333	.01186	.00044
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4927.6**	**73755.**	**6102.7**
Stddev	17.1	369.	6.9
%RSD	.34799	.50061	.11322
#1	4915.4	73494.	6097.8
#2	4939.7	74016.	6107.6

Sample Name: 280-20502-C-2-C Acquired: 9/29/2011 15:09:20 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00084**	**.05486**	**-.00158**	**.01157**	**.03987**	**.00016**	**-.00385**	**1.2156**	**.00012**	**.00121**
Stddev	.00068	.00069	.00297	.00024	.00041	.00002	.00021	.0028	.00012	.00035
%RSD	80.007	1.2544	188.17	2.0835	1.0368	13.823	5.5317	.23179	101.17	29.204
#1	.00037	.05437	.00052	.01140	.03958	.00018	-.00370	1.2176	.00020	.00146
#2	.00132	.05535	-.00367	.01174	.04017	.00014	-.00400	1.2136	.00003	.00096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00001**	**.00121**	**.25953**	**.26660**	**.00065**	**1.2324**	**.01093**	**-.00040**	**2.7035**	**.00152**
Stddev	.00005	.00010	.00009	.00572	.00010	.0040	.00001	.00005	.0041	.00025
%RSD	425.32	8.2670	.03490	2.1447	16.222	.32102	.05291	11.899	.15157	16.189
#1	.00005	.00128	.25959	.26256	.00057	1.2296	.01093	-.00043	2.7064	.00169
#2	-.00002	.00114	.25946	.27065	.00072	1.2352	.01092	-.00036	2.7006	.00135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01453**	**-.00009**	**.13658**	**-.00083**	**-.00428**	**6.2359**	**.00023**	**.01397**	**.00152**	**.00025**
Stddev	.00010	.00058	.00249	.00011	.00461	.0096	.00107	.00011	.00112	.00010
%RSD	.65718	612.50	1.8243	12.671	107.72	.15372	461.00	.81192	73.680	40.319
#1	.01460	-.00050	.13835	-.00076	-.00102	6.2426	.00099	.01405	.00073	.00018
#2	.01446	.00031	.13482	-.00091	-.00754	6.2291	-.00053	.01389	.00231	.00032
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00095**	**-.01900**	**.00055**	**.00400**	**-.00177**
Stddev	.00068	.01952	.00031	.00049	.00023
%RSD	71.176	102.71	56.884	12.198	13.209
#1	.00143	-.00520	.00033	.00434	-.00161
#2	.00047	-.03281	.00077	.00365	-.00194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5103.2**	**76070.**	**6115.2**
Stddev	.5	307.	33.5
%RSD	.00908	.40405	.54853
#1	5102.9	76287.	6091.5
#2	5103.6	75853.	6139.0

Sample Name: 280-20502-C-1-C Acquired: 9/29/2011 15:12:02 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00041**	**.38325**	**-.00034**	**.01231**	**.07865**	**.00061**	**-.00251**	**1.1905**	**.00014**	**.00172**
Stddev	.00020	.00126	.00030	.00016	.00088	.00005	.00377	.0047	.00010	.00011
%RSD	48.447	.32771	90.360	1.3157	1.1142	7.6153	150.00	.39789	71.074	6.6395
#1	.00056	.38414	-.00012	.01220	.07927	.00057	-.00518	1.1939	.00021	.00164
#2	.00027	.38236	-.00055	.01242	.07803	.00064	.00015	1.1872	.00007	.00180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**-.00027**	**.06221**	**.16907**	**.00070**	**.84305**	**.05576**	**-.00003**	**3.6970**	**.00149**
Stddev	.00011	.00010	.00074	.00885	.00100	.00106	.00012	.00016	.0080	.00023
%RSD	102.30	36.650	1.1924	5.2328	142.97	.12569	.20854	466.33	.21687	15.612
#1	-.00003	-.00020	.06168	.16282	-.00001	.84380	.05585	.00008	3.6914	.00165
#2	-.00019	-.00034	.06273	.17533	.00141	.84230	.05568	-.00015	3.7027	.00133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01333**	**.00107**	**1.0472**	**.00092**	**-.00222**	**3.7277**	**.00061**	**.01125**	**.00052**	**.00349**
Stddev	.00177	.00091	.0001	.00046	.00339	.0058	.00026	.00013	.00033	.00021
%RSD	13.245	84.436	.00765	49.965	152.58	.15599	43.461	1.1606	62.121	6.0539
#1	.01458	.00171	1.0472	.00125	-.00462	3.7318	.00079	.01134	.00075	.00334
#2	.01208	.00043	1.0471	.00060	.00018	3.7236	.00042	.01116	.00029	.00363
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00038**	**.01143**	**.00011**	**.00252**	**-.00199**
Stddev	.00038	.01382	.00033	.00041	.00090
%RSD	98.238	120.93	311.75	16.145	45.143
#1	-.00012	.00166	-.00013	.00281	-.00136
#2	-.00065	.02120	.00034	.00224	-.00263
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5106.6**	**76601.**	**6160.6**
Stddev	2.5	516.	49.0
%RSD	.04960	.67369	.79460
#1	5104.8	76236.	6195.3
#2	5108.4	76966.	6126.0

Sample Name: 280-20502-C-1-Csd@5 Acquired: 9/29/2011 15:14:43 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00097**	**.08776**	**-.00315**	**.00358**	**.01585**	**.00003**	**-.00265**	**.23942**	**.00015**	**.00040**
Stddev	.00027	.00024	.00073	.00015	.00028	.00012	.00235	.00296	.00018	.00015
%RSD	28.221	.26825	23.317	4.2794	1.7503	422.90	88.601	1.2360	122.18	37.712
#1	.00117	.08793	-.00263	.00369	.01566	-.00006	-.00432	.23733	.00028	.00029
#2	.00078	.08760	-.00367	.00347	.01605	.00011	-.00099	.24152	.00002	.00051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**-.00047**	**.01316**	**.03744**	**.00056**	**.17362**	**.01165**	**-.00037**	**.81774**	**.00072**
Stddev	.00013	.00025	.00240	.00704	.00010	.00140	.00000	.00021	.00880	.00014
%RSD	43.333	52.947	18.228	18.810	17.474	.80871	.03123	55.391	1.0763	19.732
#1	-.00021	-.00030	.01147	.03246	.00049	.17262	.01165	-.00052	.82396	.00062
#2	-.00039	-.00065	.01486	.04242	.00063	.17461	.01165	-.00023	.81152	.00082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00165**	**-.00010**	**.21419**	**-.00034**	**-.00394**	**.79341**	**.00133**	**.00215**	**-.00038**	**.00082**
Stddev	.00017	.00015	.00050	.00064	.00161	.00026	.00020	.00018	.00268	.00007
%RSD	10.144	150.60	.23404	186.81	40.753	.03226	14.705	8.3791	707.59	8.2693
#1	.00177	.00001	.21454	.00011	-.00281	.79323	.00119	.00228	.00152	.00087
#2	.00153	-.00021	.21383	-.00079	-.00508	.79359	.00146	.00203	-.00227	.00077
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**.01972**	**.00004**	**.00290**	**-.00095**
Stddev	.00105	.04551	.00033	.00024	.00067
%RSD	404.47	230.81	749.15	8.2994	70.923
#1	-.00048	-.01246	-.00019	.00307	-.00047
#2	.00100	.05190	.00027	.00273	-.00142
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5094.7**	**76327.**	**6149.7**
Stddev	7.1	81.	11.3
%RSD	.13853	.10609	.18349
#1	5099.7	76270.	6157.7
#2	5089.7	76385.	6141.8

Sample Name: 280-20502-C-1-D MS Acquired: 9/29/2011 15:17:27 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04671**	**2.3672**	**.98268**	**1.0007**	**2.0671**	**.04961**	**2.1787**	**49.174**	**.09241**	**.49096**
Stddev	.00059	.0072	.00043	.0014	.0009	.00021	.0014	.088	.00009	.00012
%RSD	1.2733	.30587	.04391	.13977	.04527	.42883	.06579	.17849	.10169	.02510
#1	.04713	2.3723	.98237	.99975	2.0664	.04946	2.1777	49.112	.09235	.49087
#2	.04629	2.3620	.98298	1.0017	2.0678	.04976	2.1797	49.236	.09248	.49105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19895**	**.24817**	**.98296**	**50.526**	**1.0208**	**49.448**	**.54962**	**.98242**	**55.580**	**.50379**
Stddev	.00015	.00036	.00660	.018	.0007	.048	.00036	.00049	.041	.00017
%RSD	.07517	.14617	.67136	.03504	.07034	.09782	.06564	.04977	.07411	.03276
#1	.19884	.24843	.97829	50.514	1.0213	49.482	.54936	.98277	55.551	.50367
#2	.19906	.24792	.98763	50.539	1.0203	49.414	.54987	.98208	55.609	.50390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.074**	**.48559**	**1.0843**	**.50135**	**1.9501**	**13.929**	**2.0591**	**1.0191**	**.97804**	**.98318**
Stddev	.020	.00151	.0000	.00256	.0024	.016	.0008	.0003	.00269	.00059
%RSD	.20080	.31150	.00009	.51096	.12094	.11684	.03752	.02428	.27474	.05980
#1	10.060	.48666	1.0843	.49954	1.9484	13.918	2.0596	1.0189	.97994	.98360
#2	10.089	.48452	1.0843	.50316	1.9518	13.941	2.0585	1.0192	.97614	.98277
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9695**	**2.0103**	**.49849**	**.48262**	**.45644**
Stddev	.0018	.0081	.00081	.00027	.00293
%RSD	.09183	.40259	.16171	.05633	.64148
#1	1.9708	2.0046	.49792	.48243	.45436
#2	1.9682	2.0161	.49906	.48281	.45851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4877.3**	**72297.**	**6037.1**
Stddev	7.5	415.	54.7
%RSD	.15280	.57349	.90567
#1	4872.0	72004.	6075.8
#2	4882.6	72590.	5998.4

Sample Name: 280-20502-C-1-E MSD Acquired: 9/29/2011 15:19:57 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87340

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04716**	**2.3640**	**.98838**	**1.0010**	**2.0679**	**.05008**	**2.1899**	**49.434**	**.09221**	**.49176**
Stddev	.00063	.0019	.00545	.0010	.0020	.00012	.0001	.054	.00004	.00011
%RSD	1.3274	.08062	.55116	.10193	.09457	.23939	.00532	.10951	.04064	.02149
#1	.04760	2.3654	.98453	1.0003	2.0693	.04999	2.1900	49.473	.09224	.49183
#2	.04672	2.3627	.99223	1.0018	2.0665	.05016	2.1898	49.396	.09218	.49168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19897**	**.24958**	**.98193**	**50.613**	**1.0272**	**49.633**	**.55255**	**.98697**	**55.917**	**.50651**
Stddev	.00031	.00065	.00474	.005	.0016	.162	.00221	.00028	.053	.00009
%RSD	.15718	.26139	.48304	.00904	.15355	.32674	.40022	.02819	.09486	.01838
#1	.19919	.25004	.97858	50.610	1.0283	49.747	.55412	.98678	55.954	.50658
#2	.19875	.24911	.98528	50.617	1.0261	49.518	.55099	.98717	55.879	.50645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.129**	**.48477**	**1.0880**	**.49879**	**1.9679**	**14.028**	**2.0558**	**1.0214**	**.98015**	**.97915**
Stddev	.015	.00106	.0020	.00028	.0084	.051	.0024	.0010	.00006	.00373
%RSD	.14473	.21780	.18786	.05672	.42623	.36480	.11746	.09983	.00659	.38088
#1	10.119	.48552	1.0894	.49899	1.9739	13.992	2.0575	1.0221	.98019	.98179
#2	10.140	.48402	1.0865	.49859	1.9620	14.064	2.0541	1.0206	.98010	.97651
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9714**	**2.0399**	**.49775**	**.48184**	**.45399**
Stddev	.0041	.0307	.00189	.00165	.00133
%RSD	.20865	1.5028	.37972	.34183	.29350
#1	1.9685	2.0182	.49909	.48301	.45493
#2	1.9743	2.0616	.49641	.48068	.45305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4879.5**	**72359.**	**6026.9**
Stddev	1.8	28.	14.1
%RSD	.03629	.03900	.23430
#1	4880.8	72379.	6036.8
#2	4878.2	72339.	6016.9

Sample Name: CCVH-1018440 Acquired: 9/29/2011 15:22:23 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01879**	**48.887**	**-.00105**	**.00557**	**.00097**	**-.00019**	**1.0471**	**-.01725**	**-.00141**	**.00217**	**-.00021**	**-.00053**	**47.483**
Stddev	.00022	.026	.00399	.00034	.00001	.00009	.0007	.00027	.00007	.00029	.00006	.00019	.091
%RSD	1.1637	.05288	381.53	6.1571	.84293	49.904	.06402	1.5643	4.8677	13.541	26.947	35.717	.19199
#1	-.01894	48.869	-.00387	.00581	.00096	-.00012	1.0466	-.01744	-.00136	.00197	-.00017	-.00040	47.418
#2	-.01863	48.906	.00178	.00533	.00098	-.00026	1.0476	-.01706	-.00146	.00238	-.00025	-.00066	47.547
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.12305**	**.00187**	**-.03134**	**.00015**	**.00453**	**254.51**	**.00114**	**.00562**	**-.00068**	**4.9524**	**-.00676**	**.01697**	**.04358**
Stddev	.00858	.00264	.00109	.00004	.00137	.55	.00041	.00172	.00013	.0151	.00007	.00221	.00578
%RSD	6.9741	140.77	3.4722	26.909	30.341	.21688	35.735	30.597	19.443	.30529	1.0095	13.021	13.269
#1	.11698	.00374	-.03211	.00017	.00356	254.12	.00085	.00440	-.00077	4.9417	-.00672	.01853	.03949
#2	.12912	.00001	-.03057	.00012	.00550	254.90	.00143	.00683	-.00058	4.9631	-.00681	.01541	.04766
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00424**	**.00045**	**4.8357**	**-.00606**	**.00307**	**9.9373**	**.00178**	**.00203**	**-.18906**
Stddev	.00095	.00005	.0075	.00015	.00020	.0328	.00006	.00007	.00088
%RSD	22.415	11.771	.15586	2.4992	6.3891	.32963	3.4932	3.4299	.46292
#1	.00357	.00041	4.8304	-.00595	.00293	9.9142	.00182	.00198	-.18844
#2	.00491	.00048	4.8410	-.00616	.00321	9.9605	.00174	.00208	-.18968
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4809.7**	**70785.**	**5834.1**
Stddev	.2	195.	32.9
%RSD	.00325	.27509	.56439
#1	4809.5	70647.	5857.3
#2	4809.8	70923.	5810.8

Sample Name: CCV-1012098 Acquired: 9/29/2011 15:25:06 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50100**	**.51781**	**.99716**	**.51505**	**.50420**	**.50040**	**-.00312**	**4.9277**	**.50752**	**.51192**	**.50873**	**.51153**	**2.3561**
Stddev	.00053	.00003	.00133	.00004	.00156	.00162	.00190	.0064	.00009	.00017	.00003	.00183	.0141
%RSD	.10569	.00553	.13315	.00700	.30861	.32354	60.969	.12931	.01830	.03399	.00644	.35679	.59830
#1	.50137	.51779	.99622	.51507	.50310	.49925	-.00177	4.9232	.50745	.51204	.50875	.51282	2.3461
#2	.50062	.51783	.99810	.51502	.50530	.50154	-.00446	4.9322	.50758	.51179	.50871	.51024	2.3660
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.136**	**1.0526**	**20.131**	**.51121**	**.50040**	**5.1681**	**.52599**	**1.0179**	**1.0103**	**-.00413**	**1.0024**	**.98602**	**5.0666**
Stddev	.083	.0053	.008	.00034	.00113	.0125	.00111	.0004	.0008	.00488	.0019	.00419	.0177
%RSD	.16289	.50168	.03909	.06650	.22548	.24154	.21031	.03671	.08091	118.20	.18799	.42537	.34937
#1	51.078	1.0489	20.136	.51145	.50120	5.1769	.52677	1.0181	1.0097	-.00758	1.0037	.98898	5.0541
#2	51.195	1.0563	20.125	.51097	.49960	5.1593	.52520	1.0176	1.0108	-.00068	1.0011	.98305	5.0791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0550**	**.50739**	**-.00139**	**.49076**	**1.0249**	**.02100**	**.50079**	**.49625**	**.49273**
Stddev	.0032	.00240	.00034	.00054	.0007	.03313	.00003	.00075	.00308
%RSD	.30432	.47318	24.373	.11069	.06737	157.79	.00579	.15087	.62430
#1	1.0573	.50569	-.00163	.49115	1.0245	.04443	.50077	.49572	.49490
#2	1.0527	.50909	-.00115	.49038	1.0254	-.00243	.50081	.49678	.49055
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4985.4**	**74103.**	**6030.9**
Stddev	.2	152.	11.9
%RSD	.00457	.20477	.19788
#1	4985.6	74211.	6039.4
#2	4985.2	73996.	6022.5

Sample Name: CCB Acquired: 9/29/2011 15:27:34 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**-.00006**	**.00359**	W **.00264**	**-.00004**	**.00000**	**-.00731**	**-.00553**	**.00013**	**.00019**	**-.00018**
Stddev	.00011	.00041	.00131	.00061	.00025	.0000	.00020	.00098	.00010	.00006	.00017
%RSD	12.754	714.98	36.403	22.996	621.37	748.44	2.7322	17.718	78.295	30.220	97.705
#1	.00080	-.00035	.00452	.00307	-.00022	.00001	-.00745	-.00484	.00020	.00015	-.00030
#2	.00096	.00024	.00267	.00221	.00014	-.00002	-.00717	-.00622	.00006	.00023	-.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00156							
Low Limit				-.00156							

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00082**	**-.00120**	**.03983**	**.00089**	**.00025**	**-.00004**	W **.00332**	**.08401**	**.00061**	**-.00002**	**-.00105**
Stddev	.00017	.00128	.00179	.00028	.00122	.00001	.00064	.00014	.00020	.00144	.00014
%RSD	20.789	106.60	4.4934	31.790	478.62	16.000	19.238	.16408	32.862	9439.3	12.959
#1	-.00070	-.00030	.04109	.00109	.00111	-.00004	.00287	.08410	.00076	.00101	-.00095
#2	-.00094	-.00211	.03856	.00069	-.00061	-.00005	.00377	.08391	.00047	-.00104	-.00115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00409**	F **.01245**	**.00349**	**.00824**	**.00108**	**.00001**	**.00086**	**.00013**	**-.00063**	**.00876**	**.00035**
Stddev	.00211	.00046	.00509	.00888	.00034	.00012	.00014	.00020	.00137	.01777	.00025
%RSD	51.514	3.6907	145.52	107.77	31.298	1114.8	16.680	160.17	217.19	202.89	73.016
#1	-.00558	.01213	-.00010	.00196	.00132	-.00007	.00075	-.00002	.00034	.02132	.00052
#2	-.00260	.01278	.00709	.01452	.00084	.00010	.00096	.00027	-.00160	-.00381	.00017
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628									
Low Limit		-.00628									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00145**	**-.00229**
Stddev	.00012	.00225
%RSD	8.3254	98.457
#1	.00154	-.00388
#2	.00137	-.00070
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4925.3**	**74598.**	**5955.3**
Stddev	6.3	57.	2.6
%RSD	.12754	.07650	.04303
#1	4920.9	74557.	5957.2
#2	4929.8	74638.	5953.5

Sample Name: CCVL1018383 Acquired: 9/29/2011 15:30:18 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01017**	**.10283**	**.01304**	**.09873**	**.00999**	**.00096**	**.10855**	**.18792**	**.00485**	**.01059**	**.01008**
Stddev	.00001	.00002	.00014	.00034	.00039	.00005	.00243	.00170	.00003	.00011	.00010
%RSD	.11061	.02411	1.0727	.34356	3.9169	5.2419	2.2412	.90626	.52768	1.0241	.99656
#1	.01016	.10282	.01294	.09849	.01027	.00093	.10683	.18671	.00487	.01051	.01015
#2	.01018	.10285	.01314	.09897	.00972	.00100	.11027	.18912	.00484	.01067	.01001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01495**	**.09155**	**3.0453**	**.01106**	**.20177**	**.01031**	**.01946**	**1.1094**	**.04247**	**2.8676**	**.00892**
Stddev	.00036	.00037	.0091	.00135	.00061	.00001	.00000	.0182	.00006	.0061	.00041
%RSD	2.4317	.40342	.29971	12.247	.30324	.12016	.00478	1.6418	.14518	.21396	4.6116
#1	.01469	.09181	3.0389	.01202	.20220	.01032	.01946	1.1222	.04243	2.8719	.00921
#2	.01521	.09129	3.0518	.01010	.20133	.01030	.01946	1.0965	.04252	2.8632	.00863
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00187**	**.01010**	W **.01061**	**.48803**	**.10320**	**.01014**	**.01468**	**.00955**	**.01507**	**.07109**	**.00970**
Stddev	.00425	.00134	.00115	.01353	.00032	.00004	.00140	.00010	.00095	.04467	.00034
%RSD	227.94	13.236	10.856	2.7722	.31348	.34828	9.5301	1.0189	6.3240	62.831	3.4638
#1	.00114	.00916	.01143	.49760	.10297	.01017	.01567	.00962	.01574	.03951	.00994
#2	-.00487	.01105	.00980	.47847	.10343	.01012	.01369	.00948	.01439	.10268	.00946
Check ?	None	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			.01500								
Range			-20.000%								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02070**	**.01339**
Stddev	.00049	.00019
%RSD	2.3731	1.4458
#1	.02104	.01326
#2	.02035	.01353
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**5048.9**	**76103.**	**6061.8**
Stddev	21.3	29.	3.7
%RSD	.42192	.03861	.06130
#1	5063.9	76123.	6059.2
#2	5033.8	76082.	6064.5

Sample Name: 280-20204-C-21-C Acquired: 9/29/2011 15:32:59 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00076**	**.00134**	**.00740**	**.02378**	**.26542**	**-.00006**	**-.00024**	**81.295**	**-.00005**	**.00021**
Stddev	.00001	.00004	.00193	.00012	.00000	.00001	.00002	.077	.00003	.00005
%RSD	.95524	2.9097	26.057	.49097	.00181	14.524	10.581	.09495	68.325	23.021
#1	.00075	.00137	.00876	.02370	.26542	-.00006	-.00022	81.240	-.00007	.00018
#2	.00076	.00131	.00603	.02387	.26543	-.00005	-.00025	81.349	-.00003	.00025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00034**	**.00069**	**20.686**	**1.4712**	**.00703**	**16.422**	**1.4837**	**-.00018**	**3.7942**	**.00144**
Stddev	.00005	.00021	.008	.0026	.00037	.013	.0005	.00024	.0062	.00028
%RSD	14.983	30.850	.03958	.17624	5.2238	.08060	.03415	130.40	.16257	19.768
#1	.00031	.00054	20.680	1.4694	.00677	16.412	1.4833	-.00035	3.7986	.00124
#2	.00038	.00084	20.692	1.4730	.00729	16.431	1.4840	-.00001	3.7898	.00164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.16825**	**.00082**	**8.6082**	**.00036**	**-.00370**	**9.1866**	**.00015**	**.21059**	**.00067**	**-.00025**
Stddev	.00153	.00035	.0042	.00261	.00100	.0113	.00078	.00075	.00013	.00018
%RSD	.90963	42.716	.04849	719.47	27.065	.12301	512.47	.35702	19.989	69.620
#1	.16717	.00057	8.6112	.00221	-.00441	9.1786	-.00040	.21005	.00076	-.00013
#2	.16934	.00107	8.6053	-.00148	-.00300	9.1946	.00071	.21112	.00057	-.00038
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00050**	**.00963**	**-.00364**	**.01217**	**-.00079**
Stddev	.00072	.03871	.00013	.00033	.00054
%RSD	143.51	402.07	3.4657	2.6769	68.429
#1	.00102	-.01775	-.00373	.01194	-.00041
#2	-.00001	.03700	-.00355	.01240	-.00118
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4975.7**	**74494.**	**6156.0**
Stddev	3.8	450.	42.0
%RSD	.07591	.60472	.68182
#1	4978.3	74812.	6126.4
#2	4973.0	74175.	6185.7

Sample Name: 280-20273-J-7-A Acquired: 9/29/2011 15:35:38 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00098**	**.02537**	**-.00108**	**.01113**	**.84599**	**-.00006**	**-.00082**	**115.82**	**-.00003**	**.00021**
Stddev	.00074	.00122	.00197	.00042	.00187	.00003	.00379	.37	.00004	.00002
%RSD	75.496	4.8266	182.63	3.7314	.22098	56.356	464.20	.32083	104.35	8.9131
#1	.00150	.02623	-.00248	.01083	.84467	-.00004	-.00349	115.55	-.00001	.00022
#2	.00046	.02450	.00031	.01142	.84732	-.00009	.00186	116.08	-.00006	.00019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00203**	**.00163**	**31.036**	**2.3340**	**.00625**	**22.694**	**3.1029**	**-.00074**	**4.9569**	**.00142**
Stddev	.00020	.00009	.053	.0017	.00133	.039	.0488	.00035	.0333	.00026
%RSD	10.069	5.6400	.17172	.07291	21.279	.17159	1.5734	47.582	.67164	18.516
#1	.00218	.00170	30.999	2.3352	.00719	22.666	3.1374	-.00098	4.9334	.00124
#2	.00189	.00157	31.074	2.3328	.00531	22.721	3.0683	-.00049	4.9805	.00161
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.24206**	**.00073**	**2.6156**	**-.00005**	**-.00070**	**12.578**	**-.00045**	**.35753**	**-.00110**	**.00134**
Stddev	.00231	.00032	.0003	.00054	.00124	.050	.00050	.00046	.00203	.00005
%RSD	.95274	44.015	.01098	1050.5	177.70	.39975	112.41	.12861	184.70	3.4798
#1	.24369	.00050	2.6154	.00033	-.00157	12.543	-.00080	.35720	-.00254	.00137
#2	.24043	.00096	2.6158	-.00043	.00018	12.614	-.00009	.35785	.00034	.00131
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.00497**	**-.00811**	**.00802**	**-.00147**
Stddev	.00096	.02299	.00030	.00021	.00135
%RSD	227.41	462.92	3.6485	2.6325	91.763
#1	-.00026	.02122	-.00791	.00817	-.00243
#2	.00110	-.01129	-.00832	.00788	-.00052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4922.0**	**73529.**	**6136.9**
Stddev	3.9	220.	11.5
%RSD	.07840	.29919	.18815
#1	4924.7	73374.	6145.0
#2	4919.2	73685.	6128.7

Sample Name: sd 280-20273-J-7-A@5 Acquired: 9/29/2011 15:38:23 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00064**	**.00485**	**-.00261**	**.00145**	**.17438**	**-.00002**	**-.00264**	**23.757**	**.00011**	**-.00003**
Stddev	.00005	.00012	.00027	.00057	.00044	.00000	.00065	.050	.00004	.00002
%RSD	7.7932	2.5087	10.316	39.382	.25159	24.448	24.571	.21125	37.489	70.283
#1	.00067	.00476	-.00280	.00185	.17469	-.00002	-.00218	23.793	.00014	-.00005
#2	.00060	.00494	-.00242	.00105	.17407	-.00002	-.00310	23.722	.00008	-.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00008**	**-.00042**	**6.4052**	**.47087**	**.00431**	**4.7479**	**.65055**	**-.00052**	**1.0483**	**.00085**
Stddev	.00022	.00013	.0107	.01022	.00038	.0075	.00100	.00009	.0008	.00006
%RSD	272.18	31.086	.16639	2.1694	8.8988	.15765	.15321	17.102	.07354	6.9477
#1	-.00008	-.00051	6.4127	.46365	.00404	4.7426	.64985	-.00058	1.0489	.00080
#2	.00024	-.00032	6.3976	.47809	.00458	4.7532	.65126	-.00046	1.0478	.00089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04621**	**-.00031**	**.52389**	**.00052**	**.00101**	**2.5507**	**.00060**	**.07390**	**.00143**	**-.00032**
Stddev	.00008	.00069	.00343	.00075	.00007	.0334	.00017	.00015	.00196	.00038
%RSD	.17234	222.52	.65521	142.30	6.9429	1.3086	28.780	.20918	137.09	118.21
#1	.04627	-.00079	.52147	.00000	.00106	2.5743	.00072	.07379	.00281	-.00005
#2	.04616	.00018	.52632	.00105	.00096	2.5271	.00048	.07401	.00004	-.00059
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00070**	**-.00616**	**-.00146**	**.00369**	**-.00151**
Stddev	.00025	.00510	.00016	.00043	.00139
%RSD	36.020	82.874	11.234	11.617	92.037
#1	-.00088	-.00977	-.00134	.00399	-.00053
#2	-.00053	-.00255	-.00158	.00338	-.00250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5071.0**	**76253.**	**6139.0**
Stddev	16.5	37.	25.6
%RSD	.32555	.04799	.41731
#1	5082.7	76279.	6120.9
#2	5059.3	76228.	6157.1

Sample Name: 280-20273-J-7-B MS Acquired: 9/29/2011 15:41:03 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04784**	**1.9080**	**1.0036**	**1.0152**	**2.8574**	**.04938**	**2.1978**	**163.86**	**.09366**	**.48833**
Stddev	.00039	.0031	.0033	.0005	.0034	.00007	.0108	.32	.00002	.00097
%RSD	.81978	.16319	.32856	.04731	.11865	.14601	.49178	.19619	.02109	.19788
#1	.04756	1.9058	1.0013	1.0155	2.8598	.04944	2.2055	164.09	.09368	.48764
#2	.04811	1.9102	1.0059	1.0148	2.8550	.04933	2.1902	163.63	.09365	.48901
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20202**	**.25339**	**32.059**	**53.282**	**1.0434**	**70.834**	**3.5829**	**.99066**	**57.680**	**.50316**
Stddev	.00048	.00014	.066	.013	.0027	.064	.0129	.00147	.051	.00018
%RSD	.23543	.05520	.20700	.02461	.26260	.08980	.35905	.14804	.08762	.03631
#1	.20168	.25329	32.106	53.291	1.0453	70.879	3.5920	.99170	57.645	.50303
#2	.20235	.25349	32.012	53.272	1.0414	70.789	3.5738	.98962	57.716	.50329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.580**	**.48299**	**2.7019**	**.50559**	**1.9849**	**22.595**	**2.0463**	**1.3760**	**.98503**	**.98101**
Stddev	.003	.00059	.0029	.00188	.0063	.033	.0010	.0021	.00057	.00029
%RSD	.02679	.12287	.10921	.37125	.31476	.14796	.05094	.15441	.05753	.02912
#1	10.578	.48340	2.7040	.50692	1.9893	22.619	2.0456	1.3775	.98463	.98081
#2	10.582	.48257	2.6998	.50427	1.9805	22.572	2.0471	1.3745	.98544	.98122
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9482**	**2.0241**	**.49231**	**.47848**	**.45540**
Stddev	.0026	.0118	.00001	.00014	.00211
%RSD	.13381	.58359	.00301	.02872	.46430
#1	1.9501	2.0325	.49232	.47839	.45690
#2	1.9464	2.0158	.49230	.47858	.45391
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4745.2**	**71314.**	**6098.3**
Stddev	28.1	564.	36.8
%RSD	.59212	.79112	.60391
#1	4765.1	70915.	6072.3
#2	4725.4	71713.	6124.4

Sample Name: 280-20273-J-7-C MSD Acquired: 9/29/2011 15:43:33 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04803**	**1.9319**	**1.0138**	**1.0227**	**2.9014**	**.05025**	**2.2294**	**166.21**	**.09474**	**.49542**
Stddev	.00009	.0024	.0014	.0007	.0047	.00013	.0009	.04	.00020	.00028
%RSD	.18269	.12233	.14135	.07031	.16092	.25497	.03901	.02150	.20840	.05672
#1	.04797	1.9336	1.0149	1.0222	2.8981	.05016	2.2288	166.19	.09460	.49522
#2	.04810	1.9302	1.0128	1.0232	2.9047	.05034	2.2301	166.24	.09488	.49562
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20499**	**.25707**	**32.348**	**54.385**	**1.0630**	**71.807**	**3.5884**	**1.0037**	**58.478**	**.50990**
Stddev	.00023	.00015	.022	.125	.0036	.029	.0250	.0004	.086	.00023
%RSD	.11363	.05946	.06808	.23023	.33852	.04107	.69562	.04422	.14750	.04444
#1	.20482	.25718	32.332	54.296	1.0604	71.786	3.5707	1.0034	58.539	.50973
#2	.20515	.25696	32.364	54.473	1.0655	71.828	3.6060	1.0041	58.417	.51006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.728**	**.48897**	**2.7219**	**.50834**	**2.0265**	**22.993**	**2.0585**	**1.3979**	**.99666**	**.98718**
Stddev	.003	.00047	.0037	.00195	.0062	.030	.0009	.0022	.00032	.00102
%RSD	.02881	.09543	.13521	.38264	.30760	.13180	.04462	.15998	.03184	.10356
#1	10.726	.48864	2.7193	.50971	2.0220	22.971	2.0578	1.3963	.99643	.98646
#2	10.730	.48930	2.7245	.50696	2.0309	23.014	2.0591	1.3994	.99688	.98791
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9737**	**2.0657**	**.49852**	**.48602**	**.45800**
Stddev	.0048	.0201	.00119	.00025	.00267
%RSD	.24350	.97179	.23833	.05143	.58196
#1	1.9703	2.0515	.49768	.48584	.45988
#2	1.9771	2.0799	.49936	.48620	.45611
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4742.1**	**70495.**	**5925.3**
Stddev	1.3	93.	.5
%RSD	.02683	.13255	.00764
#1	4741.2	70429.	5925.0
#2	4743.0	70561.	5925.6

Sample Name: pds 280-20273-J-7-A Acquired: 9/29/2011 15:46:02 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04268**	**1.0094**	**.20330**	**.11358**	**.93850**	**.05094**	**-.00330**	**133.77**	**.05079**	**.05025**
Stddev	.00039	.0055	.00114	.00011	.00034	.00002	.00133	.18	.00026	.00017
%RSD	.91730	.54667	.55926	.10019	.03611	.04148	40.391	.13752	.51237	.34529
#1	.04296	1.0133	.20411	.11366	.93874	.05093	-.00236	133.64	.05060	.05013
#2	.04241	1.0055	.20250	.11350	.93826	.05096	-.00424	133.90	.05097	.05038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.05423**	**.05433**	**31.509**	**23.286**	**.11501**	**42.072**	**3.0819**	**.05268**	**27.492**	**.05385**
Stddev	.00015	.00053	.028	.001	.00158	.065	.0139	.00062	.265	.00007
%RSD	.28432	.97196	.08769	.00531	1.3767	.15551	.45137	1.1748	.96274	.13061
#1	.05434	.05470	31.489	23.285	.11613	42.119	3.0917	.05224	27.679	.05380
#2	.05412	.05395	31.528	23.287	.11389	42.026	3.0720	.05311	27.305	.05390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.3345**	**.09656**	**2.6139**	**.10012**	**.21123**	**17.442**	**.10165**	**.40644**	**.20236**	**.04976**
Stddev	.0007	.00278	.0021	.00069	.00550	.049	.00042	.00024	.00120	.00028
%RSD	.02864	2.8790	.08112	.68930	2.6026	.28150	.41241	.05915	.59353	.57058
#1	2.3350	.09852	2.6154	.10061	.20735	17.408	.10195	.40627	.20321	.04996
#2	2.3341	.09459	2.6124	.09964	.21512	17.477	.10136	.40661	.20151	.04956
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.20319**	**.52270**	**.04306**	**.20575**	**.04037**
Stddev	.00007	.01023	.00003	.00026	.00126
%RSD	.03428	1.9570	.06821	.12459	3.1160
#1	.20314	.51546	.04308	.20593	.04126
#2	.20324	.52993	.04304	.20556	.03948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4837.3**	**71874.**	**5968.6**
Stddev	9.7	285.	47.0
%RSD	.20094	.39702	.78693
#1	4830.4	72075.	6001.8
#2	4844.1	71672.	5935.4

Sample Name: 280-20273-C-17-B Acquired: 9/29/2011 15:48:40 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00100**	**.01209**	**-.00029**	**.01448**	**.71416**	**-.00014**	**-.00399**	**127.40**	**-.00001**	**.00025**
Stddev	.00000	.00023	.00102	.00048	.00242	.00002	.00199	.28	.00018	.00019
%RSD	.20137	1.8990	353.52	3.2863	.33883	17.519	49.872	.22056	1328.1	77.676
#1	.00100	.01225	-.00101	.01414	.71587	-.00015	-.00539	127.60	-.00014	.00039
#2	.00100	.01192	.00043	.01482	.71244	-.00012	-.00258	127.20	.00011	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00125**	**.00070**	**25.822**	**2.3508**	**.00370**	**25.104**	**3.0488**	**.00034**	**5.4248**	**.00138**
Stddev	.00001	.00037	.109	.0262	.00048	.011	.0161	.00028	.0369	.00037
%RSD	.87214	52.825	.42345	1.1141	13.082	.04421	.52888	81.413	.68101	27.200
#1	.00126	.00096	25.899	2.3693	.00404	25.096	3.0374	.00014	5.4509	.00164
#2	.00124	.00044	25.744	2.3323	.00336	25.112	3.0602	.00054	5.3987	.00111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.18457**	**-.00025**	**4.2256**	**-.00184**	**.00130**	**11.370**	**-.00021**	**.35075**	**.00073**	**.00003**
Stddev	.00054	.00085	.0176	.00135	.00488	.021	.00024	.00141	.00060	.00030
%RSD	.29423	338.75	.41579	73.118	374.76	.18334	111.28	.40173	82.537	880.00
#1	.18419	-.00085	4.2380	-.00280	-.00215	11.385	-.00038	.35174	.00116	.00025
#2	.18496	.00035	4.2132	-.00089	.00475	11.355	-.00005	.34975	.00031	-.00018
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00040**	**-.01893**	**-.00861**	**.00458**	**-.00200**
Stddev	.00061	.00156	.00087	.00017	.00220
%RSD	150.86	8.2546	10.068	3.7956	110.18
#1	.00083	-.02004	-.00800	.00470	-.00044
#2	-.00003	-.01783	-.00923	.00445	-.00355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4838.3**	**72448.**	**6015.9**
Stddev	.8	115.	10.7
%RSD	.01737	.15902	.17855
#1	4838.9	72529.	6008.4
#2	4837.7	72367.	6023.5

Sample Name: 280-20348-C-2-A Acquired: 9/29/2011 15:51:25 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00098**	**.00207**	**-.00036**	**.00548**	**.00011**	**-.00005**	**-.00401**	**.08686**	**-.00007**	**.00008**
Stddev	.00029	.00007	.00212	.00032	.00028	.00004	.00205	.00179	.00008	.00012
%RSD	29.402	3.5931	580.46	5.7683	252.03	79.335	51.021	2.0588	114.70	145.28
#1	.00078	.00201	.00113	.00570	.00030	-.00008	-.00546	.08559	-.00001	.00016
#2	.00118	.00212	-.00186	.00526	-.00009	-.00002	-.00257	.08812	-.00013	.00000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.00044**	**.00121**	**.00013**	**-.00039**	**.00725**	**.00074**	**.00005**	**.04694**	**.00062**
Stddev	.00002	.00030	.00065	.04090	.00246	.00007	.00000	.00009	.00072	.00010
%RSD	13.999	67.223	53.632	31215.	625.48	.93613	.07611	182.50	1.5234	16.024
#1	.00012	.00065	.00168	-.02879	.00135	.00730	.00074	.00011	.04745	.00055
#2	.00015	.00023	.00075	.02905	-.00214	.00720	.00074	-.00001	.04644	.00070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00183**	**.00014**	**.01060**	**.00151**	**.00076**	**.06821**	**.00073**	**.00035**	**.00069**	**.00012**
Stddev	.00200	.00101	.00378	.00440	.00181	.00836	.00019	.00012	.00064	.00018
%RSD	109.37	718.42	35.712	292.57	236.96	12.260	26.199	34.255	91.769	153.37
#1	.00325	-.00058	.01327	.00462	-.00052	.06229	.00060	.00027	.00024	.00025
#2	.00042	.00086	.00792	-.00161	.00205	.07412	.00087	.00044	.00114	-.00001
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00029**	**.01044**	**.00005**	**.00335**	**-.00112**
Stddev	.00053	.01736	.00042	.00045	.00077
%RSD	186.06	166.29	795.04	13.312	69.088
#1	-.00009	.02272	-.00024	.00303	-.00166
#2	.00066	-.00184	.00035	.00366	-.00057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5095.9**	**75924.**	**6086.0**
Stddev	25.7	790.	29.0
%RSD	.50463	1.0403	.47581
#1	5077.7	76482.	6065.5
#2	5114.0	75365.	6106.5

Sample Name: 280-20393-C-1-A Acquired: 9/29/2011 15:54:08 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00127**	**-.00011**	**.00201**	**.01842**	**.41876**	**-.00010**	**-.00331**	**149.43**	**.00046**	**.00461**
Stddev	.00042	.00007	.00320	.00069	.00133	.00001	.00172	.14	.00007	.00014
%RSD	33.199	68.322	158.93	3.7669	.31856	12.778	51.832	.09210	14.631	2.9459
#1	.00097	-.00016	.00427	.01891	.41781	-.00011	-.00452	149.34	.00050	.00471
#2	.00157	-.00005	-.00025	.01793	.41970	-.00009	-.00210	149.53	.00041	.00451
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00038**	**.00274**	**.01169**	**3.4304**	**.00515**	**35.021**	**2.7619**	**-.00036**	**6.2821**	**.01176**
Stddev	.00003	.00011	.00159	.0468	.00298	.080	.0067	.00046	.0139	.00019
%RSD	8.6292	4.0044	13.573	1.3638	57.816	.22848	.24349	126.43	.22151	1.5900
#1	.00035	.00267	.01057	3.3973	.00726	34.965	2.7572	-.00069	6.2919	.01163
#2	.00040	.00282	.01281	3.4634	.00304	35.078	2.7667	-.00004	6.2723	.01189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00180**	**-.00281**	**5.6978**	**.00208**	**.00236**	**7.6995**	**-.00026**	**.44068**	**-.00030**	**-.00049**
Stddev	.00470	.00153	.0214	.00091	.00139	.0055	.00005	.00073	.00039	.00016
%RSD	260.63	54.432	.37536	43.602	59.054	.07115	18.033	.16626	128.54	32.569
#1	-.00152	-.00173	5.6827	.00144	.00138	7.7034	-.00029	.44016	-.00003	-.00060
#2	.00513	-.00389	5.7129	.00272	.00335	7.6956	-.00023	.44119	-.00058	-.00038
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00060**	**-.02872**	**-.00761**	**.00725**	**-.00007**
Stddev	.00026	.01025	.00039	.00082	.00107
%RSD	43.175	35.700	5.0812	11.271	1633.4
#1	.00078	-.02147	-.00789	.00783	.00069
#2	.00042	-.03597	-.00734	.00667	-.00082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4847.5**	**72162.**	**5999.8**
Stddev	8.0	184.	25.5
%RSD	.16529	.25567	.42531
#1	4853.2	72293.	6017.8
#2	4841.9	72032.	5981.7

Sample Name: 280-20393-C-2-A Acquired: 9/29/2011 15:56:47 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86733 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.00036**	**-.00247**	**.01738**	**.51183**	**-.00009**	**-.00331**	**143.12**	**.00018**	**.00527**
Stddev	.00039	.00023	.00118	.00046	.00033	.00015	.00552	.20	.00024	.00024
%RSD	52.564	65.160	47.704	2.6350	.06517	165.44	166.85	.14246	128.43	4.5158
#1	.00047	.00052	-.00331	.01706	.51207	.00002	-.00722	143.27	.00035	.00510
#2	.00103	.00019	-.00164	.01770	.51160	-.00019	.00060	142.98	.00002	.00544
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00108**	**.00215**	**.10166**	**3.2728**	**.00807**	**33.696**	**3.7070**	**-.00032**	**6.4448**	**.01019**
Stddev	.00009	.00006	.00009	.0381	.00072	.030	.0085	.00015	.0163	.00009
%RSD	7.8597	2.5676	.08839	1.1627	8.9729	.08860	.22884	48.215	.25255	.92464
#1	.00102	.00219	.10159	3.2997	.00858	33.717	3.7130	-.00043	6.4333	.01026
#2	.00114	.00211	.10172	3.2459	.00756	33.675	3.7010	-.00021	6.4563	.01012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00017**	**-.00095**	**6.8996**	**.00104**	**-.00204**	**7.3380**	**-.00013**	**.41839**	**-.00008**	**-.00039**
Stddev	.00479	.00156	.0086	.00045	.00175	.0318	.00038	.00002	.00079	.00011
%RSD	2739.7	164.27	.12483	42.884	85.986	.43291	291.03	.00484	964.34	28.730
#1	-.00356	-.00206	6.9057	.00135	-.00080	7.3604	.00014	.41840	-.00064	-.00031
#2	.00321	.00015	6.8935	.00072	-.00327	7.3155	-.00040	.41837	.00048	-.00047
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00053**	**-.01459**	W **-.01181**	**.00565**	**-.00109**
Stddev	.00029	.02429	.00007	.00019	.00070
%RSD	55.438	166.45	.63339	3.3490	64.172
#1	.00032	.00258	-.01186	.00552	-.00060
#2	.00073	-.03177	-.01175	.00578	-.00159
Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass
High Limit			45.000		
Low Limit			-.01000		

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4882.7**	**72429.**	**6015.0**
Stddev	5.7	652.	66.7
%RSD	.11757	.90025	1.1095
#1	4886.8	71968.	5967.8
#2	4878.7	72890.	6062.2

Sample Name: CCVH-1018440 Acquired: 9/29/2011 15:59:34 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01756**	**48.596**	**-.00312**	**.00129**	**.00110**	**-.00024**	**1.0541**	**-.00896**	**-.00140**	**.00204**	**-.00021**	**.00014**	**47.601**
Stddev	.00046	.074	.00080	.00015	.00032	.00013	.0026	.00050	.00028	.00019	.00005	.00006	.075
%RSD	2.6342	.15304	25.641	11.702	28.820	54.530	.24576	5.5331	19.682	9.4655	23.215	41.140	.15819
#1	-.01724	48.649	-.00369	.00118	.00132	-.00034	1.0522	-.00931	-.00160	.00218	-.00024	.00019	47.654
#2	-.01789	48.544	-.00255	.00139	.00087	-.00015	1.0559	-.00861	-.00121	.00191	-.00017	.00010	47.548
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.05773**	**.00165**	**-.03127**	**-.00003**	**-.00222**	**257.34**	**.00122**	**.00269**	**-.00111**	**4.9658**	**-.00981**	**.00697**	**.01612**
Stddev	.00175	.00108	.00324	.00001	.00000	.39	.00030	.00164	.00080	.0146	.00158	.00409	.00073
%RSD	3.0229	65.453	10.351	17.687	.18303	.15140	24.712	60.752	71.646	.29411	16.089	58.693	4.5479
#1	.05896	.00088	-.02898	-.00003	-.00221	257.62	.00101	.00385	-.00055	4.9761	-.00870	.00408	.01560
#2	.05650	.00241	-.03355	-.00004	-.00222	257.07	.00143	.00154	-.00167	4.9555	-.01093	.00986	.01664
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00234**	**.00039**	**4.8600**	**-.00679**	**.00132**	**9.9872**	**.00157**	**.00229**	**-.19183**
Stddev	.00040	.00003	.0070	.00019	.00044	.0048	.00006	.00006	.00013
%RSD	17.296	8.1342	.14362	2.8098	33.447	.04775	3.8722	2.4497	.06682
#1	.00263	.00037	4.8650	-.00693	.00101	9.9906	.00153	.00225	-.19192
#2	.00205	.00041	4.8551	-.00666	.00163	9.9839	.00162	.00233	-.19174
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4810.9**	**70935.**	**5988.2**
Stddev	4.9	5.	33.5
%RSD	.10118	.00709	.55861
#1	4807.4	70938.	5964.5
#2	4814.3	70931.	6011.9

Sample Name: CCV-1012098 Acquired: 9/29/2011 16:02:17 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49733**	**.51347**	**.98937**	**.51060**	**.50287**	**.49737**	**-.00205**	**4.8894**	**.50528**	**.50904**	**.50674**	**.51187**	**2.3405**
Stddev	.00182	.00150	.00207	.00039	.00113	.00047	.00261	.0118	.00053	.00062	.00078	.00075	.0038
%RSD	.36598	.29228	.20937	.07622	.22501	.09357	127.25	.24186	.10465	.12133	.15300	.14634	.16107
#1	.49862	.51241	.99083	.51032	.50367	.49770	-.00390	4.8977	.50490	.50860	.50729	.51240	2.3432
#2	.49604	.51453	.98790	.51087	.50207	.49704	-.00021	4.8810	.50565	.50947	.50619	.51134	2.3378
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.092**	**1.0517**	**20.153**	**.51187**	**.49643**	**5.1308**	**.52385**	**1.0124**	**1.0065**	**.00794**	**.99681**	**.98057**	**5.0304**
Stddev	.202	.0004	.008	.00080	.00130	.0249	.00135	.0022	.0002	.00107	.00093	.00107	.0303
%RSD	.39552	.04022	.03982	.15601	.26224	.48474	.25768	.21422	.01590	13.419	.09288	.10911	.60169
#1	51.235	1.0520	20.147	.51244	.49735	5.1484	.52289	1.0109	1.0066	.00869	.99746	.98133	5.0518
#2	50.949	1.0514	20.158	.51131	.49551	5.1132	.52480	1.0140	1.0064	.00719	.99615	.97982	5.0090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0510**	**.50650**	**-.00023**	**.48761**	**1.0228**	**.01565**	**.50368**	**.49724**	**.48866**
Stddev	.0002	.00115	.00039	.00152	.0006	.00177	.00014	.00075	.00376
%RSD	.01519	.22705	165.88	.31183	.05618	11.321	.02766	.15034	.76872
#1	1.0509	.50732	-.00051	.48869	1.0232	.01691	.50358	.49777	.49132
#2	1.0511	.50569	.00004	.48654	1.0224	.01440	.50378	.49671	.48600
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4932.9**	**73169.**	**6007.0**
Stddev	5.0	186.	28.4
%RSD	.10092	.25446	.47225
#1	4936.4	73300.	5987.0
#2	4929.4	73037.	6027.1

Sample Name: CCB Acquired: 9/29/2011 16:04:43 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00135**	**-.00021**	**.00198**	**.00098**	**.00017**	**.00005**	**-.00306**	**-.00537**	**.00007**	**.00001**
Stddev	.00034	.00065	.00178	.00019	.00026	.00004	.00249	.00109	.00006	.00000
%RSD	25.004	306.33	90.020	19.615	150.83	76.208	81.405	20.392	95.295	24.451
#1	.00111	-.00067	.00324	.00112	.00035	.00007	-.00130	-.00459	.00002	.00001
#2	.00159	.00025	.00072	.00085	-.00001	.00002	-.00482	-.00614	.00011	.00002
Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit	.00093									
Low Limit	-.00093									

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**-.00052**	**-.00138**	**.01683**	**.00203**	**-.00009**	**-.00005**	**.00287**	**.06203**	**.00049**
Stddev	.00003	.00032	.00288	.06504	.00322	.00241	.00001	.00072	.00323	.00030
%RSD	11.870	61.356	209.42	386.38	158.94	2607.5	28.637	25.199	5.2151	60.864
#1	-.00024	-.00075	-.00341	.06283	.00431	-.00180	-.00004	.00235	.05974	.00028
#2	-.00028	-.00029	.00066	-.02916	-.00025	.00161	-.00006	.00338	.06431	.00070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00011**	**-.00006**	**-.00608**	F **.01515**	**.00341**	**.00168**	**.00131**	**.00003**	**.00183**	**-.00029**
Stddev	.00328	.00141	.00109	.00301	.00306	.01883	.00079	.00008	.00087	.00027
%RSD	3096.1	2273.4	17.962	19.887	89.764	1121.6	60.257	259.96	47.722	90.585
#1	-.00221	-.00106	-.00531	.01302	.00125	.01499	.00075	.00008	.00245	-.00011
#2	.00242	.00093	-.00685	.01728	.00558	-.01164	.00187	-.00002	.00121	-.00048
Check ?	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00628						
Low Limit				-.00628						

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**.02183**	**.00065**	**.00143**	W **-.00256**
Stddev	.00022	.02539	.00009	.00027	.00094
%RSD	61.630	116.28	13.329	18.893	36.567
#1	.00021	.00388	.00071	.00162	-.00323
#2	.00052	.03979	.00059	.00124	-.00190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit					.00238
Low Limit					-.00238

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4922.8**	**74681.**	**5893.5**
Stddev	9.2	243.	30.1
%RSD	.18776	.32584	.51099
#1	4929.4	74853.	5872.2
#2	4916.3	74509.	5914.8

Sample Name: CCVL1018383 Acquired: 9/29/2011 16:07:25 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01055**	**.10346**	**.01480**	**.09770**	**.01004**	**.00099**	**.11239**	**.18996**	**.00477**	**.01055**	**.00999**
Stddev	.00031	.00013	.00087	.00027	.00007	.00003	.00253	.00214	.00006	.00028	.00001
%RSD	2.9720	.12697	5.8698	.27557	.68361	3.2017	2.2507	1.1285	1.2453	2.6398	.07196
#1	.01077	.10337	.01542	.09751	.00999	.00101	.11418	.19147	.00473	.01035	.00999
#2	.01032	.10356	.01419	.09789	.01009	.00097	.11060	.18844	.00481	.01074	.00998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01503**	**.09141**	**3.0693**	**.01156**	**.20411**	**.01042**	**.01946**	**1.0837**	**.04321**	**2.8861**	**.00742**
Stddev	.00013	.00001	.0773	.00124	.00019	.00006	.00001	.0028	.00037	.0021	.00118
%RSD	.86642	.00926	2.5171	10.687	.09511	.59460	.04410	.26160	.86089	.07179	15.889
#1	.01494	.09140	3.1240	.01244	.20397	.01038	.01946	1.0857	.04347	2.8875	.00825
#2	.01512	.09141	3.0147	.01069	.20424	.01047	.01945	1.0817	.04294	2.8846	.00659
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00297**	**.01175**	W **.01162**	**.49458**	**.10386**	**.01024**	**.01524**	**.00976**	**.01513**	**.06141**	**.01001**
Stddev	.00085	.00077	.00121	.00207	.00021	.00002	.00132	.00010	.00086	.01344	.00038
%RSD	28.545	6.5865	10.446	.41790	.19992	.15078	8.6641	1.0154	5.7151	21.892	3.7497
#1	-.00357	.01230	.01248	.49604	.10371	.01025	.01617	.00969	.01574	.05190	.00975
#2	-.00237	.01121	.01076	.49312	.10401	.01023	.01431	.00983	.01452	.07091	.01028
Check ?	None	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			.01500								
Range			-20.000%								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02133**	**.01473**
Stddev	.00067	.00157
%RSD	3.1586	10.638
#1	.02085	.01584
#2	.02180	.01362
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4980.5**	**74832.**	**5969.0**
Stddev	2.3	268.	18.1
%RSD	.04698	.35865	.30386
#1	4982.1	75022.	5981.8
#2	4978.8	74642.	5956.1

Sample Name: MB 280-86747/1-A Acquired: 9/29/2011 16:10:05 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00093**	**.01113**	**-.00241**	W **.00662**	**.00064**	**-.00008**	W **-.00526**	**.08774**	**.00002**	**.00012**
Stddev	.00001	.00076	.00207	.00060	.00020	.00007	.00342	.00205	.00005	.00001
%RSD	1.5372	6.8526	85.860	9.0070	31.285	91.574	64.990	2.3421	202.43	7.9496
#1	.00094	.01059	-.00387	.00620	.00079	-.00003	-.00768	.08920	.00006	.00013
#2	.00092	.01167	-.00095	.00704	.00050	-.00013	-.00284	.08629	-.00001	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit				.00500			.00500			
Low Limit				-.00500			-.00500			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00009**	**-.00021**	**.01442**	**.01217**	**-.00105**	**.03262**	**.00068**	**.00006**	**.43966**	**.00060**
Stddev	.00023	.00037	.00131	.02525	.00230	.00020	.00003	.00004	.00053	.00005
%RSD	247.31	176.36	9.0787	207.44	218.66	.60060	4.1126	71.121	.11957	7.6502
#1	.00026	.00005	.01535	-.00568	-.00267	.03248	.00066	.00003	.43929	.00063
#2	-.00007	-.00047	.01350	.03002	.00057	.03276	.00070	.00009	.44004	.00057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00565**	**-.00006**	**.03083**	**.00209**	**-.00358**	W **.06385**	**.00843**	**.00013**	**.00079**	**.00013**
Stddev	.00001	.00037	.00212	.00174	.00382	.00154	.00005	.00009	.00109	.00029
%RSD	.10102	622.72	6.8627	83.575	106.70	2.4168	.61907	74.257	138.69	232.49
#1	.00565	-.00032	.02934	.00085	-.00628	.06276	.00847	.00006	.00156	-.00008
#2	.00566	.00020	.03233	.00332	-.00088	.06494	.00839	.00019	.00002	.00033
Check ?	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.00500					.05000				
Low Limit	-.00500					-.05000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00045**	**.00702**	**-.00020**	**.00410**	**-.00288**
Stddev	.00123	.00537	.00001	.00065	.00102
%RSD	275.80	76.525	4.5026	15.814	35.376
#1	.00043	.00322	-.00019	.00364	-.00361
#2	-.00132	.01082	-.00020	.00456	-.00216
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5068.8**	**76636.**	**6061.1**
Stddev	6.4	762.	17.2
%RSD	.12681	.99463	.28378
#1	5073.3	77175.	6049.0
#2	5064.2	76097.	6073.3

Sample Name: LCS 280-86747/2-A Acquired: 9/29/2011 16:12:47 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04634**	**1.8701**	**.95942**	**1.0100**	**1.9532**	**.04827**	**2.1297**	**47.059**	**.09043**	**.48088**
Stddev	.00022	.0012	.00258	.0029	.0147	.00037	.0039	.288	.00000	.00012
%RSD	.47066	.06595	.26861	.28997	.75523	.75951	.18219	.61150	.00295	.02476
#1	.04618	1.8710	.95759	1.0080	1.9427	.04801	2.1270	46.855	.09043	.48080
#2	.04649	1.8693	.96124	1.0121	1.9636	.04853	2.1325	47.262	.09044	.48097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19554**	**.24536**	**.90354**	**49.521**	**1.0153**	**47.174**	**.48633**	**.97647**	**51.616**	**.49607**
Stddev	.00050	.00009	.00258	.329	.0072	.019	.00023	.00066	.097	.00177
%RSD	.25755	.03772	.28584	.66407	.70618	.03966	.04792	.06777	.18866	.35648
#1	.19518	.24542	.90172	49.288	1.0102	47.187	.48649	.97600	51.547	.49482
#2	.19589	.24529	.90537	49.753	1.0204	47.161	.48616	.97694	51.685	.49732
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.8664**	**.47304**	**.02816**	**.48092**	**1.8826**	**3.0048**	**2.0254**	**.99167**	**.94582**	**.96365**
Stddev	.0161	.00104	.00261	.00080	.0005	.0356	.0032	.00641	.00180	.00010
%RSD	.16284	.22064	9.2521	.16640	.02478	1.1841	.15739	.64657	.19083	.01027
#1	9.8550	.47378	.03000	.48149	1.8829	2.9796	2.0232	.98713	.94455	.96358
#2	9.8778	.47231	.02632	.48036	1.8823	3.0299	2.0277	.99620	.94710	.96372
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9331**	**2.0239**	**.48730**	**.46881**	**.44785**
Stddev	.0013	.0143	.00006	.00010	.00026
%RSD	.06644	.70626	.01279	.02073	.05736
#1	1.9322	2.0340	.48734	.46888	.44767
#2	1.9340	2.0138	.48725	.46874	.44803
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4801.1**	**71537.**	**5966.2**
Stddev	15.8	131.	26.4
%RSD	.32835	.18365	.44320
#1	4812.2	71630.	5984.9
#2	4789.9	71444.	5947.5

Sample Name: 280-20427-A-1-A Acquired: 9/29/2011 16:15:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**50.817**	**.03713**	**.08645**	**.78335**	**.00296**	**.00722**	**102.52**	**.00239**	**.04316**
Stddev	.00045	.053	.00035	.00029	.00035	.00009	.00065	.01	.00004	.00018
%RSD	51.406	.10527	.94170	.33523	.04500	2.9761	9.0607	.01241	1.6285	.41506
#1	.00120	50.855	.03737	.08625	.78310	.00303	.00768	102.53	.00237	.04303
#2	.00056	50.780	.03688	.08666	.78360	.00290	.00676	102.52	.00242	.04329
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.09058**	**.08226**	**84.702**	**12.865**	**.05207**	**49.998**	**5.4606**	**.00711**	**1.0313**	**.12212**
Stddev	.00048	.00027	.067	.002	.00083	.033	.0414	.00064	.0011	.00016
%RSD	.53213	.32905	.07939	.01450	1.6009	.06640	.75770	8.9939	.10979	.12948
#1	.09024	.08245	84.654	12.867	.05265	50.022	5.4899	.00666	1.0321	.12201
#2	.09092	.08207	84.749	12.864	.05148	49.975	5.4314	.00756	1.0305	.12223
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.6304**	**.06025**	**3.4986**	**.00499**	**.01403**	**2.3268**	**.00410**	**.15473**	**.01955**	**.92144**
Stddev	.0099	.00142	.0129	.00201	.00385	.0363	.00032	.00060	.00032	.00067
%RSD	.17595	2.3615	.36748	40.183	27.421	1.5593	7.7261	.38483	1.6600	.07231
#1	5.6234	.06126	3.4895	.00641	.01131	2.3525	.00387	.15431	.01978	.92097
#2	5.6374	.05925	3.5077	.00358	.01675	2.3011	.00432	.15515	.01932	.92191
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00052**	W **-.06409**	**.18001**	**.34272**	**.02546**
Stddev	.00067	.04591	.00049	.00037	.00057
%RSD	130.03	71.631	.27221	.10898	2.2408
#1	.00099	-.09655	.17966	.34245	.02587
#2	.00004	-.03163	.18036	.34298	.02506
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5157.8**	**76656.**	**6469.0**
Stddev	21.0	299.	21.9
%RSD	.40721	.38974	.33924
#1	5172.6	76444.	6453.5
#2	5142.9	76867.	6484.5

Sample Name: 280-20427-B-2-A Acquired: 9/29/2011 16:17:50 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00005**	**44.302**	**.03591**	**.07609**	**.74877**	**.00255**	**.00421**	**198.50**	**.00182**	**.04223**
Stddev	.00017	.134	.00283	.00082	.00093	.00001	.00215	2.27	.00015	.00024
%RSD	326.99	.30215	7.8726	1.0748	.12403	.27695	51.099	1.1441	8.3420	.56714
#1	-.00017	44.397	.03790	.07667	.74942	.00255	.00269	200.11	.00171	.04240
#2	.00007	44.207	.03391	.07551	.74811	.00256	.00574	196.89	.00193	.04206
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08316**	**.07487**	**76.286**	**10.898**	**.05239**	**74.223**	**4.9407**	**.00284**	**1.1584**	**.11980**
Stddev	.00020	.00021	.082	.012	.00110	.104	.0152	.00013	.0011	.00022
%RSD	.24224	.27965	.10699	.10757	2.1009	.13956	.30762	4.4936	.09526	.18517
#1	.08301	.07472	76.343	10.907	.05161	74.296	4.9514	.00275	1.1592	.11996
#2	.08330	.07502	76.228	10.890	.05317	74.150	4.9299	.00293	1.1576	.11965
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.7683**	**.05194**	**3.7497**	**.00016**	**-.00140**	**2.2876**	**.00290**	**.25075**	**.02133**	**.91613**
Stddev	.0088	.00009	.0073	.00084	.00111	.0032	.00108	.00084	.00092	.00047
%RSD	.18452	.17931	.19325	538.39	79.554	.13839	37.300	.33583	4.3131	.05094
#1	4.7746	.05200	3.7446	.00075	-.00061	2.2854	.00367	.25135	.02068	.91580
#2	4.7621	.05187	3.7549	-.00044	-.00218	2.2899	.00214	.25016	.02198	.91646
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00031**	W **-.08258**	**.16838**	**.29418**	**.03185**
Stddev	.00046	.04331	.00031	.00028	.00178
%RSD	147.59	52.454	.18555	.09592	5.5749
#1	-.00001	-.05195	.16860	.29438	.03060
#2	.00064	-.11320	.16816	.29398	.03311
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5001.5**	**73765.**	**6346.5**
Stddev	9.1	197.	62.8
%RSD	.18222	.26655	.98923
#1	4995.0	73626.	6302.1
#2	5007.9	73904.	6390.8

Sample Name: sd 280-20427-B-2-A@5 Acquired: 9/29/2011 16:20:33 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00054**	**9.8109**	**.00529**	**.01586**	**.16452**	**.00053**	**-.00101**	**44.414**	**.00044**	**.00958**
Stddev	.00006	.0521	.00253	.00042	.00033	.00009	.00258	.093	.00002	.00017
%RSD	10.465	.53083	47.860	2.6589	.20328	16.582	256.24	.21011	4.7739	1.7250
#1	.00050	9.8477	.00350	.01556	.16428	.00060	.00082	44.348	.00046	.00946
#2	.00058	9.7741	.00707	.01616	.16476	.00047	-.00283	44.480	.00043	.00970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01817**	**.01642**	**16.423**	**2.3540**	**.01164**	**16.218**	**1.1216**	**.00037**	**.27788**	**.02752**
Stddev	.00001	.00003	.007	.0011	.00039	.062	.0034	.00005	.01528	.00036
%RSD	.07802	.16346	.04505	.04569	3.3545	.38271	.30608	13.230	5.4998	1.3075
#1	.01818	.01640	16.418	2.3548	.01192	16.175	1.1192	.00041	.26708	.02777
#2	.01816	.01644	16.428	2.3533	.01137	16.262	1.1240	.00034	.28869	.02726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0194**	**.01188**	**.79022**	**.00010**	**.00083**	**.48138**	**.00097**	**.05469**	**.00663**	**.19614**
Stddev	.0028	.00138	.00248	.00104	.00037	.00735	.00062	.00025	.00018	.00039
%RSD	.27811	11.644	.31372	1061.5	44.674	1.5265	63.917	.45781	2.6556	.20082
#1	1.0173	.01090	.78846	-.00064	.00057	.48658	.00053	.05452	.00676	.19586
#2	1.0214	.01286	.79197	.00083	.00109	.47619	.00141	.05487	.00651	.19642
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00019**	**-.03636**	**.03775**	**.06669**	**.00435**
Stddev	.00033	.01283	.00067	.00004	.00166
%RSD	173.41	35.275	1.7695	.05818	38.172
#1	.00043	-.04543	.03728	.06666	.00553
#2	-.00004	-.02729	.03822	.06672	.00318
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4987.0**	**74295.**	**6075.9**
Stddev	2.5	97.	.2
%RSD	.05107	.13001	.00316
#1	4988.8	74363.	6075.7
#2	4985.2	74227.	6076.0

Sample Name: 280-20427-B-2-B MS Acquired: 9/29/2011 16:23:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04291**	**97.865**	**.91640**	**.99353**	**2.7148**	**.04689**	**1.9426**	**259.89**	**.08494**	**.47214**
Stddev	.00004	.304	.00055	.00252	.0074	.00017	.0023	3.61	.00032	.00004
%RSD	.08866	.31048	.05972	.25350	.27382	.36818	.11969	1.3882	.37583	.00939
#1	.04289	98.079	.91601	.99175	2.7201	.04701	1.9409	262.44	.08471	.47211
#2	.04294	97.650	.91679	.99531	2.7096	.04677	1.9442	257.34	.08517	.47217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.32283**	**.31343**	**97.821**	**64.191**	**1.0093**	**127.90**	**5.7484**	**.85551**	**48.124**	**.57296**
Stddev	.00009	.00170	.255	.219	.0045	.41	.0187	.00010	.684	.00014
%RSD	.02668	.54250	.26062	.34042	.44104	.31842	.32597	.01187	1.4203	.02368
#1	.32289	.31463	98.002	64.346	1.0124	128.18	5.7616	.85558	48.607	.57306
#2	.32277	.31223	97.641	64.037	1.0062	127.61	5.7351	.85544	47.641	.57286
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.186**	**.47546**	**4.0887**	**.24143**	**1.7200**	**5.8943**	**1.7124**	**1.2078**	**.85065**	**3.0576**
Stddev	.012	.00009	.0014	.00414	.0053	.0213	.0027	.0035	.00469	.0177
%RSD	.08720	.01918	.03393	1.7142	.30623	.36071	.16016	.29250	.55121	.58000
#1	14.195	.47539	4.0897	.23850	1.7237	5.9093	1.7143	1.2103	.85397	3.0701
#2	14.177	.47552	4.0877	.24435	1.7163	5.8793	1.7104	1.2053	.84734	3.0451
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6566**	**1.7110**	**.78947**	**.76150**	**.39147**
Stddev	.0057	.0048	.00462	.00571	.00260
%RSD	.34264	.27801	.58535	.74958	.66312
#1	1.6606	1.7076	.79274	.76554	.38963
#2	1.6526	1.7143	.78621	.75747	.39330
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4908.8**	**72328.**	**6356.1**
Stddev	4.6	529.	73.3
%RSD	.09360	.73137	1.1530
#1	4912.0	71953.	6304.3
#2	4905.5	72702.	6407.9

Sample Name: 280-20427-B-2-C MSD Acquired: 9/29/2011 16:25:57 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04418**	**97.692**	**.95277**	**1.0136**	**2.8173**	**.04869**	**2.0103**	**256.74**	**.08805**	**.48668**
Stddev	.00020	1.350	.00056	.0012	.0335	.00060	.0059	5.65	.00002	.00057
%RSD	.44279	1.3816	.05904	.11758	1.1902	1.2360	.29227	2.2001	.02785	.11741
#1	.04432	98.646	.95238	1.0128	2.8410	.04911	2.0061	260.74	.08807	.48628
#2	.04404	96.737	.95317	1.0144	2.7936	.04826	2.0144	252.75	.08803	.48709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.32537**	**.32130**	**98.255**	**66.373**	**1.0472**	**129.28**	**5.8115**	**.88190**	**50.643**	**.58813**
Stddev	.00007	.00027	1.186	.773	.0124	.73	.0735	.00188	1.078	.00049
%RSD	.02112	.08275	1.2073	1.1654	1.1854	.56111	1.2643	.21295	2.1292	.08296
#1	.32532	.32111	99.094	66.919	1.0560	128.77	5.7595	.88058	51.405	.58779
#2	.32542	.32149	97.416	65.826	1.0384	129.79	5.8634	.88323	49.880	.58848
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.396**	**.49100**	**4.0386**	**.24978**	**1.7960**	**5.6777**	**1.7560**	**1.2394**	**.86373**	**3.0027**
Stddev	.010	.00027	.0213	.00082	.0092	.0702	.0004	.0146	.00071	.0017
%RSD	.07081	.05565	.52815	.32634	.51163	1.2358	.02459	1.1810	.08224	.05613
#1	14.403	.49120	4.0236	.24921	1.7895	5.7273	1.7563	1.2497	.86323	3.0015
#2	14.389	.49081	4.0537	.25036	1.8025	5.6281	1.7557	1.2290	.86423	3.0039
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.7182**	**1.8197**	**.80062**	**.77096**	**.40020**
Stddev	.0002	.0357	.00136	.00124	.00838
%RSD	.01409	1.9593	.17017	.16130	2.0939
#1	1.7181	1.8450	.79966	.77008	.40612
#2	1.7184	1.7945	.80159	.77184	.39427
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4939.3**	**72480.**	**6343.7**
Stddev	22.9	616.	82.3
%RSD	.46389	.84988	1.2978
#1	4923.1	72916.	6285.5
#2	4955.5	72044.	6401.9

Sample Name: pds 280-20427-B-2-A Acquired: 9/29/2011 16:28:38 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04127**	**44.430**	**.22661**	**.16849**	**.82849**	**.04901**	**.00040**	**212.09**	**.04895**	**.08695**
Stddev	.00012	.115	.00020	.00144	.00186	.00003	.00018	.88	.00001	.00002
%RSD	.28501	.25923	.08660	.85291	.22398	.05836	45.473	.41297	.02942	.01937
#1	.04136	44.348	.22647	.16748	.82718	.04903	.00053	211.47	.04896	.08696
#2	.04119	44.511	.22675	.16951	.82980	.04899	.00027	212.71	.04894	.08694
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.12913**	**.12283**	**75.411**	**30.175**	**.15057**	**91.084**	**4.9185**	**.05086**	**22.004**	**.16465**
Stddev	.00017	.00006	.169	.113	.00042	.123	.0167	.00056	.275	.00055
%RSD	.12937	.05258	.22395	.37487	.27619	.13535	.34011	1.0936	1.2489	.33478
#1	.12901	.12288	75.291	30.095	.15086	90.997	4.9067	.05046	22.199	.16426
#2	.12925	.12279	75.530	30.255	.15027	91.171	4.9303	.05125	21.810	.16504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.6612**	**.14142**	**3.7383**	**.09454**	**.19600**	**6.8372**	**.09567**	**.29410**	**.20954**	**.95395**
Stddev	.0090	.00077	.0069	.00091	.00330	.1367	.00024	.00172	.00009	.01272
%RSD	.13548	.54158	.18462	.96600	1.6819	1.9990	.25552	.58380	.04328	1.3336
#1	6.6548	.14196	3.7432	.09518	.19366	6.7406	.09584	.29288	.20961	.94496
#2	6.6676	.14088	3.7335	.09389	.19833	6.9338	.09550	.29531	.20948	.96295
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.18331**	**.41627**	**.21286**	**.46633**	**.06818**
Stddev	.00099	.02904	.00041	.00083	.00137
%RSD	.54031	6.9766	.19137	.17879	2.0115
#1	.18401	.43681	.21257	.46574	.06721
#2	.18261	.39574	.21314	.46692	.06915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5057.1**	**73868.**	**6401.3**
Stddev	6.2	210.	9.7
%RSD	.12225	.28409	.15142
#1	5061.5	74016.	6408.1
#2	5052.8	73720.	6394.4

Sample Name: 280-20427-A-3-A Acquired: 9/29/2011 16:31:20 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**46.285**	**.03523**	**.08230**	**.79638**	**.00273**	**.00326**	**197.55**	**.00191**	**.04112**
Stddev	.00022	.091	.00116	.00005	.00044	.00006	.00092	4.21	.00024	.00028
%RSD	38.167	.19612	3.2916	.05560	.05571	2.1763	28.304	2.1300	12.393	.67030
#1	.00074	46.220	.03605	.08234	.79669	.00269	.00261	194.57	.00174	.04132
#2	.00042	46.349	.03441	.08227	.79606	.00277	.00392	200.52	.00208	.04093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08393**	**.07879**	**78.067**	**12.859**	**.05124**	**64.955**	**4.8285**	**.00337**	**1.1675**	**.11439**
Stddev	.00018	.00024	.018	.056	.00321	.001	.0684	.00007	.0090	.00065
%RSD	.22025	.30542	.02316	.43184	6.2578	.00186	1.4161	2.0691	.76773	.56987
#1	.08406	.07896	78.080	12.899	.04897	64.954	4.7802	.00332	1.1738	.11485
#2	.08380	.07862	78.055	12.820	.05350	64.956	4.8769	.00342	1.1611	.11393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9683**	**.05325**	**4.5757**	**-.00060**	**.00469**	**2.0037**	**.00368**	**.26085**	**.02324**	**.82525**
Stddev	.0060	.00043	.0088	.00201	.00092	.0032	.00102	.00027	.00065	.00114
%RSD	.12093	.80177	.19271	335.53	19.573	.15854	27.865	.10441	2.7835	.13769
#1	4.9641	.05295	4.5695	.00082	.00404	2.0059	.00440	.26065	.02278	.82605
#2	4.9726	.05355	4.5820	-.00202	.00534	2.0014	.00295	.26104	.02370	.82444
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	W **-.06778**	**.17018**	**.30134**	**.03431**
Stddev	.00028	.00674	.00032	.00006	.00273
%RSD	219.62	9.9420	.18578	.02104	7.9576
#1	-.00032	-.06302	.17041	.30130	.03238
#2	.00007	-.07255	.16996	.30139	.03624
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5119.6**	**75253.**	**6506.2**
Stddev	30.2	354.	22.2
%RSD	.59005	.47083	.34140
#1	5098.2	75504.	6521.9
#2	5140.9	75003.	6490.4

Sample Name: 280-20427-A-4-A Acquired: 9/29/2011 16:34:04 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**90.647**	**.05952**	**.13589**	**1.4086**	**.00485**	**.00968**	**72.415**	**.00358**	**.06731**
Stddev	.00001	.227	.00112	.00048	.0018	.00007	.00100	.158	.00007	.00052
%RSD	1.6862	.25039	1.8857	.35168	.12744	1.4999	10.317	.21794	2.0711	.77252
#1	.00076	90.808	.05873	.13556	1.4099	.00480	.01038	72.526	.00353	.06695
#2	.00074	90.487	.06031	.13623	1.4074	.00490	.00897	72.303	.00363	.06768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.14190**	**.14389**	**129.19**	**25.365**	**.08026**	**33.475**	**6.9480**	**.00245**	**.94512**	**.18211**
Stddev	.00012	.00015	.01	.058	.00210	.004	.0179	.00013	.00191	.00005
%RSD	.08414	.10282	.00390	.22777	2.6207	.01123	.25746	5.3945	.20227	.02477
#1	.14198	.14400	129.20	25.405	.08175	33.477	6.9353	.00254	.94377	.18214
#2	.14181	.14379	129.19	25.324	.07877	33.472	6.9606	.00236	.94647	.18208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.8254**	**.12950**	**5.0196**	**-.00077**	**.00921**	**2.5290**	**.00634**	**.25893**	**.03066**	**.83727**
Stddev	.0022	.00013	.0019	.00187	.00307	.0133	.00003	.00012	.00041	.00000
%RSD	.03870	.09811	.03773	244.00	33.373	.52755	.39994	.04796	1.3530	.00056
#1	5.8270	.12941	5.0210	-.00209	.00704	2.5385	.00636	.25884	.03037	.83727
#2	5.8238	.12959	5.0183	.00056	.01139	2.5196	.00632	.25902	.03095	.83727
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	W **-.05573**	**.27283**	**.58159**	**.05203**
Stddev	.00096	.01463	.00017	.00183	.00002
%RSD	1284.3	26.244	.06067	.31380	.04651
#1	-.00075	-.06607	.27294	.58288	.05204
#2	.00060	-.04539	.27271	.58030	.05201
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5282.3**	**77797.**	**6669.5**
Stddev	2.0	293.	11.0
%RSD	.03831	.37717	.16459
#1	5283.7	77590.	6661.7
#2	5280.9	78005.	6677.2

Sample Name: CCVH-1018440 Acquired: 9/29/2011 16:36:41 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01778**	**48.360**	**-.00086**	**.00235**	**.00109**	**-.00019**	**1.0545**	**-.00748**	**-.00136**	**.00211**	**-.00022**	**.00054**	**47.690**
Stddev	.00065	.152	.00270	.00014	.00035	.00007	.0024	.00111	.00023	.00005	.00008	.00004	.141
%RSD	3.6452	.31371	313.15	6.1245	32.228	35.095	.22834	14.809	16.647	2.3503	35.694	7.4250	.29482
#1	-.01732	48.468	-.00277	.00245	.00134	-.00024	1.0562	-.00670	-.00152	.00207	-.00016	.00051	47.789
#2	-.01824	48.253	.00105	.00225	.00084	-.00014	1.0528	-.00826	-.00120	.00214	-.00027	.00056	47.590
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.11238**	**.00280**	**-.03497**	**.00033**	**-.00211**	**259.73**	**.00095**	**.00461**	**.00098**	**4.9552**	**-.01003**	**.00333**	**.02176**
Stddev	.00224	.00210	.00385	.00003	.00012	1.04	.00004	.00248	.00111	.0148	.00084	.00094	.00003
%RSD	1.9967	74.992	10.996	8.7009	5.6072	.39893	4.6651	53.878	113.11	.29852	8.4073	28.370	.12015
#1	.11396	.00429	-.03769	.00031	-.00220	260.46	.00098	.00286	.00020	4.9447	-.01062	.00266	.02178
#2	.11079	.00132	-.03225	.00035	-.00203	259.00	.00092	.00637	.00176	4.9656	-.00943	.00399	.02174
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00222**	**.00041**	**4.8662**	**-.00671**	**.00011**	**10.042**	**.00158**	**.00209**	**-.19073**
Stddev	.00021	.00004	.0046	.00006	.00120	.005	.00026	.00003	.00263
%RSD	9.5536	10.586	.09435	.90102	1051.1	.05258	16.413	1.3780	1.3803
#1	.00207	.00044	4.8695	-.00675	.00096	10.046	.00176	.00211	-.19259
#2	.00237	.00038	4.8630	-.00666	-.00074	10.039	.00140	.00207	-.18887
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4783.4**	**70949.**	**5889.9**
Stddev	13.8	398.	33.6
%RSD	.28887	.56060	.56973
#1	4793.2	70668.	5913.7
#2	4773.6	71231.	5866.2

Sample Name: CCV-1012098 Acquired: 9/29/2011 16:39:25 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50064**	**.51764**	**.99063**	**.51503**	**.50701**	**.49846**	**-.00347**	**4.8761**	**.50707**	**.51138**	**.50814**	**.51226**	**2.3299**
Stddev	.00017	.00058	.00590	.00058	.00122	.00140	.00209	.0170	.00046	.00012	.00073	.00014	.0028
%RSD	.03491	.11197	.59583	.11215	.24015	.28156	60.060	.34808	.09168	.02302	.14354	.02728	.11835
#1	.50052	.51723	.98646	.51462	.50787	.49946	-.00495	4.8881	.50674	.51146	.50763	.51236	2.3280
#2	.50076	.51805	.99480	.51544	.50615	.49747	-.00200	4.8641	.50740	.51130	.50866	.51216	2.3319
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.570**	**1.0631**	**20.269**	**.51311**	**.49806**	**5.1519**	**.52694**	**1.0140**	**1.0064**	**-.00296**	**.99419**	**.98501**	**4.9991**
Stddev	.147	.0050	.003	.00061	.00044	.0287	.00058	.0007	.0004	.00224	.00043	.00274	.0035
%RSD	.28483	.46788	.01607	.11879	.08890	.55715	.11065	.07084	.04082	75.734	.04351	.27779	.07014
#1	51.674	1.0666	20.272	.51354	.49838	5.1722	.52652	1.0135	1.0061	-.00455	.99449	.98308	5.0016
#2	51.466	1.0596	20.267	.51268	.49775	5.1316	.52735	1.0145	1.0067	-.00138	.99388	.98694	4.9967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0553**	**.50921**	**.00024**	**.48903**	**1.0236**	**.00504**	**.50395**	**.50137**	**.48620**
Stddev	.0023	.00152	.00017	.00035	.0027	.02227	.00078	.00045	.00426
%RSD	.22163	.29906	71.005	.07167	.26082	441.90	.15460	.09061	.87631
#1	1.0569	.51029	.00036	.48928	1.0217	-.01071	.50450	.50169	.48921
#2	1.0536	.50813	.00012	.48879	1.0255	.02079	.50339	.50104	.48318
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4898.4**	**72189.**	**5894.1**
Stddev	5.6	70.	20.1
%RSD	.11365	.09708	.34105
#1	4894.4	72238.	5908.3
#2	4902.3	72139.	5879.8

Sample Name: CCB Acquired: 9/29/2011 16:41:52 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00093**	**.00109**	**.00103**	**.00035**	**.00007**	**-.00561**	**-.00710**	**.00019**	**-.00002**	**-.00013**
Stddev	.00059	.00004	.00193	.00054	.00008	.00001	.00093	.00229	.00004	.00006	.00026
%RSD	126.65	4.4971	176.98	52.791	22.356	9.5221	16.595	32.233	19.313	373.11	199.79
#1	.00089	.00096	-.00027	.00141	.00030	.00007	-.00495	-.00872	.00016	.00003	-.00032
#2	.00005	.00090	.00245	.00064	.00041	.00006	-.00627	-.00548	.00021	-.00006	.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00066**	**-.00135**	**.06390**	**.00195**	**-.00073**	**.00004**	W **.00322**	**.06229**	**.00064**	**-.00122**	**-.00132**
Stddev	.00023	.00494	.01223	.00056	.00091	.00000	.00056	.01460	.00012	.00101	.00064
%RSD	35.058	365.07	19.138	28.973	125.70	5.1824	17.502	23.433	17.881	83.304	48.665
#1	-.00049	.00214	.05525	.00155	-.00137	.00004	.00282	.07261	.00056	-.00193	-.00087
#2	-.00082	-.00484	.07255	.00235	-.00008	.00004	.00362	.05197	.00073	-.00050	-.00177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00399**	F **.01307**	W **.00587**	**.00062**	**.00139**	**.00007**	**.00177**	**.00014**	**-.00098**	**-.01423**	**.00015**
Stddev	.00032	.00168	.00175	.01340	.00040	.00011	.00013	.00016	.00029	.03894	.00007
%RSD	7.9341	12.828	29.765	2172.3	29.054	145.91	7.1089	115.47	30.007	273.60	45.817
#1	-.00422	.01188	.00464	-.00886	.00111	.00000	.00186	.00003	-.00119	-.04177	.00020
#2	-.00377	.01425	.00711	.01009	.00168	.00015	.00168	.00026	-.00077	.01330	.00010
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00108**	**-.00143**
Stddev	.00037	.00035
%RSD	34.400	24.520
#1	.00082	-.00168
#2	.00134	-.00118
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4872.3**	**74054.**	**5777.8**
Stddev	17.7	654.	33.6
%RSD	.36325	.88337	.58079
#1	4859.8	74517.	5754.1
#2	4884.8	73592.	5801.5

Sample Name: CCVL1018383 Acquired: 9/29/2011 16:44:37 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01099**	**.10362**	**.01307**	**.09832**	**.01055**	**.00098**	**.11188**	**.19506**	**.00491**	**.01059**	**.01005**
Stddev	.00039	.00039	.00078	.00005	.00010	.00004	.00004	.00379	.00016	.00022	.00012
%RSD	3.5595	.37850	5.9533	.04992	.97187	3.9696	.03447	1.9420	3.3076	2.0789	1.1565
#1	.01126	.10390	.01362	.09836	.01062	.00095	.11191	.19238	.00479	.01044	.00997
#2	.01071	.10334	.01252	.09829	.01048	.00101	.11185	.19774	.00502	.01075	.01013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01504**	**.09190**	**3.1333**	W **.01240**	**.20379**	**.01043**	**.01948**	**1.1076**	**.04342**	**2.8966**	F **.01572**
Stddev	.00011	.00272	.0070	.00114	.00155	.00003	.00010	.0027	.00047	.0021	.00192
%RSD	.71410	2.9614	.22403	9.2160	.76275	.29589	.51974	.24297	1.0715	.07086	12.208
#1	.01497	.08997	3.1284	.01321	.20269	.01045	.01941	1.1057	.04375	2.8952	.01708
#2	.01512	.09382	3.1383	.01159	.20489	.01040	.01955	1.1095	.04309	2.8981	.01436
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value				.01000							.00900
Range				20.000%							30.000%

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00465**	F **.01498**	**.01323**	**.49803**	**.10552**	**.01034**	**.01491**	**.00961**	**.01601**	**.06349**	**.00998**
Stddev	.00238	.00068	.00008	.01522	.00004	.00004	.00075	.00014	.00034	.02252	.00011
%RSD	51.262	4.5080	.61495	3.0554	.04264	.41739	5.0584	1.4557	2.1231	35.464	1.0633
#1	-.00296	.01450	.01329	.50879	.10555	.01037	.01438	.00971	.01625	.04757	.01005
#2	-.00633	.01545	.01318	.48727	.10548	.01031	.01544	.00951	.01577	.07941	.00990
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.01000									
Range		30.000%									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02124**	**.01381**
Stddev	.00045	.00078
%RSD	2.1166	5.6121
#1	.02092	.01326
#2	.02155	.01436
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4929.2**	**74301.**	**5801.0**
Stddev	2.3	8.	27.1
%RSD	.04705	.01108	.46697
#1	4930.9	74295.	5820.1
#2	4927.6	74306.	5781.8

Sample Name: 280-20427-A-5-A Acquired: 9/29/2011 16:47:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**46.368**	**.03764**	**.07978**	**.81764**	**.00275**	**.00452**	**209.95**	**.00195**	**.04289**
Stddev	.00011	.060	.00117	.00106	.00098	.00008	.00068	1.66	.00014	.00026
%RSD	12.666	.12870	3.1087	1.3248	.12013	2.8687	15.127	.78902	7.4410	.60801
#1	.00096	46.326	.03681	.07903	.81695	.00281	.00403	208.78	.00205	.04308
#2	.00080	46.411	.03846	.08052	.81834	.00270	.00500	211.12	.00184	.04271
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08425**	**.08000**	**80.821**	**12.955**	**.05456**	**68.313**	**4.9699**	**.00277**	**1.1081**	**.12032**
Stddev	.00065	.00010	.043	.029	.00145	.155	.0317	.00003	.0057	.00023
%RSD	.76879	.12916	.05306	.22375	2.6491	.22720	.63856	1.1681	.51229	.19260
#1	.08471	.08007	80.790	12.935	.05558	68.423	4.9924	.00274	1.1121	.12016
#2	.08379	.07993	80.851	12.976	.05354	68.204	4.9475	.00279	1.1040	.12049
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.4457**	**.05394**	**5.0016**	**-.00285**	**.00259**	**2.1458**	**.00342**	**.27478**	**.02243**	**.89786**
Stddev	.0092	.00189	.0043	.00269	.00015	.0009	.00043	.00026	.00157	.00419
%RSD	.16816	3.4974	.08525	94.081	5.9285	.04240	12.670	.09562	7.0002	.46634
#1	5.4522	.05261	5.0046	-.00475	.00270	2.1464	.00373	.27459	.02354	.90082
#2	5.4392	.05528	4.9986	-.00096	.00248	2.1452	.00311	.27496	.02132	.89489
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00048**	W **-.08113**	**.17092**	**.31551**	**.03311**
Stddev	.00054	.01393	.00003	.00096	.00008
%RSD	114.68	17.166	.01493	.30317	.22742
#1	.00086	-.09097	.17094	.31619	.03306
#2	.00009	-.07128	.17091	.31483	.03316
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4979.1**	**73457.**	**6381.1**
Stddev	1.2	315.	20.6
%RSD	.02481	.42889	.32356
#1	4978.2	73234.	6395.7
#2	4979.9	73679.	6366.5

Sample Name: 280-20427-A-6-A Acquired: 9/29/2011 16:50:02 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.00088**	^F *****	k **.06198**	**.10857**	^ *****	k **.00295**	k **.00766**	^ *****	k **.00269**	k **.06477**
Stddev	.00041	-----	.00102	.00017	-----	.00168	.00425	-----	.00034	.00047
%RSD	46.884	-----	1.6449	.15681	-----	56.820	55.477	-----	12.496	.72486
#1	k .00059	^ -----	k .06126	.10845	^ -----	k .00177	k .00466	^ -----	k .00293	k .06510
#2	.00117	72.106	.06271	.10869	.79123	.00414	.01067	175.35	.00245	.06444
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		1000.0								
Low Limit		3.0000								

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.14221**	k **.12266**	k **78.382**	**10.895**	k **.05183**	**55.888**	**6.6132**	**.00211**	**.58850**	**.19824**
Stddev	.00080	.00502	42.130	5.900	.02569	2.265	.2492	.00018	.32304	.00101
%RSD	.55959	4.0908	53.750	54.156	49.562	4.0520	3.7679	8.4333	54.891	.51171
#1	.14278	k .11911	k 48.591	6.7231	k .03367	54.287	6.4370	.00223	.36008	.19896
#2	.14165	.12621	108.17	15.068	.07000	57.489	6.7894	.00198	.81693	.19752
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9404**	k **.08255**	**2.8421**	k **-.00160**	k **.00273**	**1.7499**	k **.00358**	**.13665**	k **.08457**	k **.77646**
Stddev	.0045	.00230	.0148	.00179	.00032	.8451	.00114	.07412	.05842	.02896
%RSD	.09055	2.7919	.52168	112.14	11.558	48.295	31.902	54.241	69.071	3.7292
#1	4.9436	k .08092	2.8316	k -.00033	k .00295	1.1523	k .00277	.08424	k .12588	k .75599
#2	4.9372	.08418	2.8526	-.00286	.00250	2.3475	.00439	.18906	.04327	.79694
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	k **.00063**	kW **-.07889**	k **.33500**	**.36405**	k **.03285**
Stddev	.00116	.01184	.01237	.01567	.01961
%RSD	182.79	15.005	3.6917	4.3054	59.696
#1	k -.00019	k -.07052	k .32625	.35297	k .01899
#2	.00145	-.08726	.34374	.37513	.04672
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5080.8**	**75842.**	**7193.1**
Stddev	18.1	2272.	528.9
%RSD	.35601	2.9960	7.3534
#1	5068.0	77448.	7567.1
#2	5093.6	74235.	6819.0

Sample Name: 280-20427-A-7-A Acquired: 9/29/2011 16:52:42 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00103**	**41.816**	**.03428**	**.08719**	**.76195**	**.00248**	**.00185**	**241.87**	**.00211**	**.04151**
Stddev	.00032	.117	.00175	.00037	.00340	.00005	.00200	1.02	.00007	.00020
%RSD	31.072	.27904	5.0980	.42158	.44637	1.9858	108.06	.42141	3.0940	.48099
#1	.00126	41.734	.03305	.08745	.75954	.00251	.00044	241.15	.00216	.04165
#2	.00081	41.899	.03552	.08693	.76435	.00244	.00327	242.59	.00206	.04137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08194**	**.22942**	**76.383**	**12.212**	**.05271**	**85.167**	**4.8213**	**.00329**	**1.1597**	**.11250**
Stddev	.00016	.00043	.385	.018	.00231	.240	.0075	.00001	.0110	.00028
%RSD	.19195	.18708	.50441	.15086	4.3759	.28137	.15568	.22138	.95111	.24943
#1	.08182	.22972	76.110	12.199	.05434	85.336	4.8266	.00330	1.1675	.11230
#2	.08205	.22912	76.655	12.225	.05108	84.997	4.8160	.00329	1.1519	.11270
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.6521**	**.11685**	**5.9664**	**.00287**	**.00060**	**2.1484**	**.00342**	**.30441**	**.02132**	**.84298**
Stddev	.0201	.00022	.0206	.00242	.00053	.0183	.00020	.00089	.00113	.00559
%RSD	.30218	.18874	.34489	84.317	89.119	.85001	5.9026	.29334	5.3178	.66254
#1	6.6663	.11700	5.9810	.00459	.00022	2.1354	.00357	.30378	.02051	.84693
#2	6.6379	.11669	5.9519	.00116	.00097	2.1613	.00328	.30505	.02212	.83903
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	F **-.11648**	**.15614**	**.56297**	**.03009**
Stddev	.00029	.00499	.00079	.00140	.00100
%RSD	808.21	4.2817	.50353	.24807	3.3368
#1	-.00017	-.11295	.15670	.56395	.02938
#2	.00024	-.12000	.15559	.56198	.03080
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4967.4**	**73466.**	**6298.2**
Stddev	18.1	205.	15.5
%RSD	.36513	.27955	.24669
#1	4980.2	73321.	6309.2
#2	4954.6	73612.	6287.2

Sample Name: 280-20427-A-8-A Acquired: 9/29/2011 16:55:27 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00072**	**55.358**	**.05053**	**.10064**	**1.0123**	**.00333**	**.00568**	**297.50**	**.00284**	**.05468**
Stddev	.00065	.036	.00028	.00036	.0002	.00002	.00269	.72	.00002	.00009
%RSD	89.799	.06565	.55902	.35433	.02250	.72252	47.320	.24099	.64669	.16530
#1	.00026	55.333	.05073	.10039	1.0125	.00335	.00758	298.01	.00285	.05461
#2	.00118	55.384	.05033	.10090	1.0122	.00332	.00378	296.99	.00282	.05474
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.10567**	**.16888**	**101.95**	**15.207**	**.07386**	**111.26**	**6.7567**	**.00444**	**1.2709**	**.15918**
Stddev	.00046	.00099	.18	.030	.00185	.17	.0697	.00029	.0092	.00027
%RSD	.43411	.58915	.17455	.19899	2.5073	.15593	1.0312	6.4848	.72747	.16800
#1	.10534	.16818	102.07	15.228	.07255	111.14	6.8059	.00424	1.2775	.15899
#2	.10599	.16959	101.82	15.185	.07517	111.38	6.7074	.00464	1.2644	.15937
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.9054**	**.37569**	**5.9788**	**.00106**	**.00219**	**2.2380**	**.00345**	**.38188**	**.03053**	**.90416**
Stddev	.0015	.00244	.0160	.00366	.00490	.0123	.00043	.00021	.00141	.00033
%RSD	.02163	.65079	.26802	343.81	224.02	.54719	12.473	.05564	4.6132	.03606
#1	6.9044	.37396	5.9902	.00365	.00565	2.2294	.00315	.38203	.02953	.90393
#2	6.9065	.37741	5.9675	-.00152	-.00128	2.2467	.00376	.38173	.03152	.90439
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00048**	W **-.09531**	**.21070**	**.50354**	**.03844**
Stddev	.00044	.01292	.00104	.00112	.00079
%RSD	93.001	13.557	.49572	.22163	2.0476
#1	-.00079	-.10444	.20996	.50275	.03789
#2	-.00016	-.08617	.21144	.50433	.03900
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4956.5**	**73460.**	**6468.7**
Stddev	14.1	264.	3.6
%RSD	.28507	.36003	.05492
#1	4966.5	73273.	6471.3
#2	4946.6	73647.	6466.2

Sample Name: 280-20427-C-9-A Acquired: 9/29/2011 16:58:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00090**	**58.261**	**.05004**	**.11627**	**.94515**	**.00335**	**.00565**	**248.19**	**.00261**	**.05075**
Stddev	.00074	.279	.00071	.00111	.00415	.00008	.00049	8.32	.00004	.00018
%RSD	82.391	.47852	1.4117	.95800	.43881	2.3551	8.7183	3.3537	1.5808	.35324
#1	.00038	58.459	.05054	.11706	.94809	.00341	.00530	242.30	.00258	.05087
#2	.00142	58.064	.04954	.11548	.94222	.00330	.00599	254.07	.00264	.05062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.10876**	**.34937**	**98.620**	**17.716**	**.07258**	**91.179**	**6.0505**	**.00436**	**1.2412**	**.15264**
Stddev	.00027	.00084	.419	.085	.00201	.190	.0289	.00036	.0063	.00001
%RSD	.25133	.23985	.42452	.48152	2.7689	.20818	.47678	8.2014	.50713	.00887
#1	.10896	.34996	98.916	17.777	.07116	91.313	6.0301	.00461	1.2367	.15265
#2	.10857	.34877	98.324	17.656	.07400	91.045	6.0709	.00410	1.2456	.15263
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.0703**	**5.3255**	**4.8503**	**.00847**	**.00387**	**2.5764**	**.00661**	**.32595**	**.02318**	**.90852**
Stddev	.0044	.0059	.0084	.00167	.00004	.0025	.00071	.00121	.00078	.00338
%RSD	.07286	.11071	.17265	19.678	1.0308	.09697	10.734	.37130	3.3563	.37201
#1	6.0672	5.3297	4.8443	.00729	.00390	2.5746	.00611	.32680	.02263	.91091
#2	6.0734	5.3213	4.8562	.00965	.00384	2.5781	.00711	.32509	.02373	.90613
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00125**	W **-.06795**	**.23361**	**.61862**	**.03352**
Stddev	.00225	.01975	.00011	.00156	.00208
%RSD	179.89	29.066	.04882	.25235	6.1990
#1	.00285	-.08191	.23369	.61972	.03499
#2	-.00034	-.05398	.23353	.61752	.03205
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4974.7**	**73277.**	**6330.6**
Stddev	15.7	15.	48.5
%RSD	.31622	.02017	.76604
#1	4963.6	73267.	6364.9
#2	4985.8	73288.	6296.3

Sample Name: 280-20427-C-9-B MS Acquired: 9/29/2011 17:00:57 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04401**	**115.08**	**.93209**	**1.0382**	**2.8980**	**.04762**	**1.9759**	**291.18**	**.08630**	**.47982**
Stddev	.00013	.37	.00313	.0027	.0076	.00026	.0071	6.73	.00006	.00024
%RSD	.28592	.31993	.33540	.25539	.26256	.53930	.35935	2.3124	.07507	.04976
#1	.04392	114.82	.93430	1.0401	2.8926	.04744	1.9809	286.42	.08634	.47965
#2	.04409	115.34	.92988	1.0364	2.9033	.04780	1.9709	295.94	.08625	.47998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.34691**	**.54466**	**107.68**	**71.438**	**1.0383**	**135.61**	**6.2676**	**.85108**	**49.275**	**.59731**
Stddev	.00066	.00126	.41	.246	.0037	.72	.0204	.00060	.479	.00095
%RSD	.18968	.23170	.38003	.34466	.35368	.52846	.32550	.07095	.97286	.15973
#1	.34644	.54555	107.39	71.264	1.0357	136.11	6.2531	.85066	49.614	.59663
#2	.34737	.54377	107.97	71.612	1.0409	135.10	6.2820	.85151	48.936	.59798
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.555**	**5.3610**	**4.6754**	**.22836**	**1.7446**	**5.1517**	**1.7092**	**1.2617**	**.82805**	**2.8963**
Stddev	.015	.0091	.0128	.00071	.0014	.0107	.0010	.0031	.00165	.0016
%RSD	.10101	.16887	.27330	.30933	.08051	.20775	.05810	.24179	.19876	.05515
#1	14.545	5.3546	4.6845	.22786	1.7436	5.1441	1.7085	1.2595	.82921	2.8951
#2	14.566	5.3674	4.6664	.22886	1.7456	5.1592	1.7099	1.2639	.82688	2.8974
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6657**	**1.7583**	**.87722**	**.91380**	**.37020**
Stddev	.0015	.0241	.00163	.00002	.00162
%RSD	.09151	1.3694	.18573	.00252	.43754
#1	1.6668	1.7413	.87838	.91382	.36906
#2	1.6646	1.7753	.87607	.91379	.37135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4869.4**	**71922.**	**6316.0**
Stddev	44.2	122.	72.7
%RSD	.90818	.16977	1.1503
#1	4900.7	72009.	6367.4
#2	4838.1	71836.	6264.6

Sample Name: 280-20427-C-9-C MSD Acquired: 9/29/2011 17:03:38 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04472**	**121.62**	**.94992**	**1.0557**	**2.9675**	**.04829**	**1.9965**	**362.43**	**.08742**	**.48787**
Stddev	.00034	.27	.00037	.0018	.0041	.00009	.0008	5.24	.00027	.00097
%RSD	.76060	.22068	.03933	.17337	.13929	.17899	.03948	1.4457	.31265	.19882
#1	.04496	121.43	.94965	1.0570	2.9646	.04823	1.9959	358.73	.08761	.48855
#2	.04448	121.81	.95018	1.0544	2.9704	.04835	1.9970	366.14	.08722	.48718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.35881**	**.57561**	**117.40**	**73.509**	**1.0591**	**148.33**	**6.8679**	**.86008**	**50.045**	**.61410**
Stddev	.00043	.00136	.15	.134	.0044	1.35	.1095	.00194	.153	.00014
%RSD	.11940	.23696	.12877	.18294	.41376	.90865	1.5941	.22503	.30657	.02330
#1	.35911	.57657	117.30	73.414	1.0561	149.28	6.9453	.86145	50.153	.61421
#2	.35851	.57465	117.51	73.604	1.0622	147.37	6.7905	.85871	49.936	.61400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.195**	**5.2511**	**5.0193**	**.20568**	**1.7598**	**4.8109**	**1.7022**	**1.2856**	**.83319**	**2.8593**
Stddev	.024	.0082	.0218	.00061	.0098	.0077	.0022	.0022	.00031	.0110
%RSD	.15594	.15663	.43367	.29426	.55595	.16090	.12683	.17467	.03753	.38499
#1	15.211	5.2569	5.0347	.20611	1.7668	4.8164	1.7038	1.2841	.83341	2.8671
#2	15.178	5.2452	5.0039	.20525	1.7529	4.8055	1.7007	1.2872	.83297	2.8516
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6613**	**1.7502**	**.90524**	**.95543**	**.37607**
Stddev	.0008	.0274	.00509	.00500	.00305
%RSD	.04645	1.5671	.56278	.52297	.81134
#1	1.6607	1.7696	.90884	.95896	.37391
#2	1.6618	1.7308	.90164	.95189	.37822
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4861.2**	**71789.**	**6356.8**
Stddev	1.8	668.	23.4
%RSD	.03706	.93096	.36787
#1	4859.9	71316.	6373.3
#2	4862.4	72261.	6340.2

Sample Name: 280-20427-A-10-A Acquired: 9/29/2011 17:06:21 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**51.349**	**.04574**	**.11593**	**.92945**	**.00308**	**.00565**	**308.61**	**.00252**	**.05039**
Stddev	.00033	.118	.00155	.00006	.00259	.00004	.00010	3.49	.00017	.00022
%RSD	91.287	.22925	3.3810	.05203	.27841	1.1753	1.6841	1.1311	6.6202	.44171
#1	.00059	51.265	.04683	.11597	.92762	.00306	.00572	311.08	.00241	.05023
#2	.00013	51.432	.04465	.11589	.93128	.00311	.00558	306.14	.00264	.05054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.10060**	**.20282**	**93.828**	**16.895**	**.07130**	**106.22**	**6.0431**	**.00889**	**1.2965**	**.15605**
Stddev	.00004	.00007	.052	.035	.00053	.26	.0139	.00051	.0071	.00038
%RSD	.04156	.03323	.05517	.20524	.75018	.24377	.22944	5.6807	.54586	.24451
#1	.10057	.20277	93.791	16.871	.07168	106.03	6.0333	.00853	1.3015	.15578
#2	.10063	.20287	93.865	16.920	.07092	106.40	6.0529	.00925	1.2915	.15632
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.7064**	**1.2363**	**5.6168**	**.00235**	**.01207**	**2.2618**	**.00488**	**.38364**	**.02966**	**.86322**
Stddev	.0063	.0004	.0002	.00142	.00125	.0014	.00039	.00041	.00214	.00148
%RSD	.09420	.03606	.00285	60.455	10.339	.06031	8.0343	.10804	7.2198	.17142
#1	6.7019	1.2366	5.6167	.00335	.01119	2.2628	.00460	.38335	.03118	.86218
#2	6.7109	1.2360	5.6169	.00134	.01295	2.2609	.00516	.38393	.02815	.86427
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00173**	W **-.07369**	**.19893**	**.41448**	**.04187**
Stddev	.00092	.00512	.00034	.00027	.00010
%RSD	53.289	6.9469	.16877	.06581	.22821
#1	.00108	-.07731	.19869	.41429	.04180
#2	.00239	-.07007	.19917	.41468	.04194
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4981.1**	**73666.**	**6344.1**
Stddev	1.4	230.	12.4
%RSD	.02897	.31168	.19535
#1	4982.1	73829.	6335.4
#2	4980.1	73504.	6352.9

Sample Name: 280-20427-A-11-A Acquired: 9/29/2011 17:09:07 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86747 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00099**	**41.125**	**.03061**	**.08847**	**.77499**	**.00239**	**.00315**	**251.55**	**.00224**	**.04085**
Stddev	.00046	.079	.00029	.00014	.00176	.00016	.00373	.86	.00006	.00009
%RSD	46.082	.19133	.95829	.16319	.22721	6.5184	118.34	.34326	2.8350	.22226
#1	.00131	41.180	.03082	.08837	.77624	.00228	.00051	250.94	.00228	.04091
#2	.00067	41.069	.03040	.08857	.77375	.00250	.00578	252.16	.00219	.04078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08006**	**.17662**	**76.437**	**12.249**	**.05450**	**88.815**	**4.9562**	**.00383**	**1.1140**	**.11214**
Stddev	.00016	.00031	.263	.049	.00264	.007	.0006	.00008	.0054	.00046
%RSD	.20231	.17678	.34401	.40330	4.8384	.00748	.01191	2.0056	.48753	.40973
#1	.08018	.17640	76.622	12.284	.05636	88.810	4.9566	.00378	1.1102	.11247
#2	.07995	.17685	76.251	12.214	.05263	88.819	4.9558	.00389	1.1179	.11182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.4487**	**.11154**	**5.9822**	**.00550**	**.00276**	**2.2570**	**.00399**	**.31116**	**.02151**	**.82926**
Stddev	.0102	.00161	.0092	.00108	.00087	.0339	.00091	.00048	.00041	.00481
%RSD	.15802	1.4419	.15463	19.581	31.448	1.5008	22.710	.15358	1.9278	.58046
#1	6.4559	.11268	5.9757	.00474	.00215	2.2330	.00464	.31150	.02181	.82586
#2	6.4415	.11040	5.9888	.00626	.00338	2.2809	.00335	.31082	.02122	.83266
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00031**	W **-.07446**	**.15434**	**.48454**	**.03160**
Stddev	.00099	.01044	.00007	.00095	.00072
%RSD	313.98	14.015	.04489	.19536	2.2733
#1	-.00038	-.06708	.15429	.48387	.03211
#2	.00101	-.08184	.15439	.48521	.03109
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4991.8**	**73796.**	**6379.4**
Stddev	37.5	275.	13.1
%RSD	.75213	.37237	.20587
#1	4965.2	73990.	6388.7
#2	5018.3	73601.	6370.1

Sample Name: CCVH-1018440 Acquired: 9/29/2011 17:11:52 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01794**	**48.592**	**-.00248**	**.00292**	**.00101**	**-.00011**	**1.0555**	**.02738**	**-.00130**	**.00213**	**-.00012**	**-.00003**	**47.213**
Stddev	.00049	.126	.00382	.00115	.00019	.00011	.0018	.00145	.00004	.00008	.00002	.00022	.121
%RSD	2.7242	.25870	153.99	39.345	18.365	98.611	.17171	5.3078	3.4399	3.9817	15.794	673.66	.25624
#1	-.01828	48.681	.00022	.00373	.00088	-.00018	1.0568	.02636	-.00133	.00219	-.00013	.00012	47.298
#2	-.01759	48.503	-.00519	.00211	.00114	-.00003	1.0542	.02841	-.00127	.00207	-.00010	-.00019	47.127
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.10799**	**.00161**	**-.02387**	**.00042**	**-.00214**	**261.49**	**.00134**	**.00487**	**-.00129**	**4.9762**	**-.00796**	**.00534**	**.02890**
Stddev	.00034	.00013	.00115	.00004	.00007	.49	.00047	.00038	.00014	.0130	.00037	.00014	.00762
%RSD	.31275	7.9681	4.8372	10.133	3.4001	.18776	35.123	7.7540	10.669	.26151	4.6357	2.6615	26.366
#1	.10823	.00152	-.02305	.00045	-.00220	261.84	.00100	.00513	-.00138	4.9670	-.00770	.00544	.03428
#2	.10776	.00170	-.02468	.00039	-.00209	261.14	.00167	.00460	-.00119	4.9854	-.00822	.00524	.02351
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00206**	**.00039**	**4.8953**	**-.00650**	**.00166**	**10.050**	**.00169**	**.00279**	**-.19537**
Stddev	.00033	.00007	.0147	.00027	.00018	.046	.00017	.00035	.00044
%RSD	15.953	17.771	.30084	4.1997	10.566	.46045	9.8837	12.638	.22467
#1	.00183	.00044	4.9057	-.00631	.00179	10.082	.00157	.00304	-.19506
#2	.00229	.00034	4.8849	-.00669	.00154	10.017	.00180	.00254	-.19568
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4791.2**	**70180.**	**5766.6**
Stddev	.3	724.	31.1
%RSD	.00579	1.0320	.53923
#1	4791.0	69668.	5744.6
#2	4791.4	70692.	5788.6

Sample Name: CCV-1012098 Acquired: 9/29/2011 17:14:37 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49968**	**.51277**	**.99285**	**.51334**	**.50428**	**.49398**	**-.00366**	**4.8340**	**.50529**	**.50863**	**.50658**	**.51185**	**2.2841**
Stddev	.00135	.00155	.00116	.00015	.00021	.00002	.00050	.0086	.00020	.00066	.00035	.00028	.0058
%RSD	.27013	.30221	.11635	.02942	.04198	.00310	13.588	.17861	.03889	.13034	.06897	.05389	.25534
#1	.50064	.51167	.99204	.51345	.50413	.49397	-.00401	4.8279	.50543	.50816	.50634	.51204	2.2799
#2	.49873	.51387	.99367	.51323	.50443	.49399	-.00331	4.8401	.50515	.50910	.50683	.51165	2.2882
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**51.481**	**1.0599**	**20.049**	**.50975**	**.49655**	**5.1390**	**.52473**	**1.0179**	**1.0007**	**-.00072**	**.99038**	**.98253**	**4.9452**
Stddev	.126	.0009	.022	.00002	.00067	.0061	.00041	.0010	.0004	.00497	.00507	.00419	.0193
%RSD	.24547	.08880	.10858	.00397	.13462	.11848	.07796	.10024	.03501	686.87	.51165	.42635	.38942
#1	51.392	1.0605	20.034	.50976	.49702	5.1347	.52444	1.0186	1.0005	.00279	.99396	.97957	4.9316
#2	51.571	1.0592	20.065	.50973	.49608	5.1433	.52502	1.0172	1.0010	-.00423	.98679	.98549	4.9588
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0519**	**.50726**	**.00019**	**.48675**	**1.0225**	**.00205**	**.50074**	**.49533**	**.48494**
Stddev	.0011	.00063	.00087	.00073	.0040	.00583	.00075	.00033	.00404
%RSD	.10228	.12329	450.28	.15022	.39249	283.60	.14964	.06574	.83406
#1	1.0526	.50682	.00081	.48726	1.0253	.00617	.50127	.49510	.48208
#2	1.0511	.50770	-.00042	.48623	1.0197	-.00207	.50021	.49556	.48780
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4929.4**	**73755.**	**5946.5**
Stddev	2.6	257.	32.4
%RSD	.05278	.34803	.54471
#1	4927.5	73937.	5969.4
#2	4931.2	73574.	5923.6

Sample Name: CCB Acquired: 9/29/2011 17:17:03 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00053**	**.00080**	**.00315**	**.00072**	**.00010**	**.00003**	**-.00691**	**-.00352**	**.00015**	**-.00013**	**.00003**
Stddev	.00020	.00040	.00021	.00005	.00007	.00005	.00459	.00055	.00007	.00006	.00010
%RSD	37.175	49.825	6.7057	7.5994	72.081	144.23	66.458	15.718	45.697	42.429	299.47
#1	.00067	.00052	.00330	.00076	.00005	.00007	-.01016	-.00391	.00020	-.00009	-.00004
#2	.00039	.00108	.00300	.00068	.00014	.00000	-.00366	-.00312	.00010	-.00017	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00054**	**-.00090**	**.07871**	**.00112**	**-.00102**	**.00001**	W **.00319**	**.04655**	**.00061**	**-.00072**	**-.00163**
Stddev	.00052	.00126	.00174	.00298	.00062	.00005	.00035	.01516	.00027	.00185	.00063
%RSD	95.699	140.76	2.2078	265.94	60.441	814.91	11.009	32.568	43.679	255.50	38.773
#1	-.00018	-.00179	.07994	-.00099	-.00146	.00004	.00294	.05727	.00080	.00058	-.00208
#2	-.00091	.00000	.07748	.00323	-.00059	-.00003	.00343	.03583	.00042	-.00203	-.00119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit							.00313				
Low Limit							-.00313				

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00288**	F **.01464**	W **.00951**	**-.00846**	**.00064**	**.00009**	**.00125**	**-.00012**	**-.00010**	**-.02250**	**-.00006**
Stddev	.00211	.00088	.00481	.00266	.00016	.00007	.00103	.00040	.00126	.01805	.00048
%RSD	73.232	6.0294	50.588	31.455	25.188	85.082	82.189	340.03	1277.7	80.241	733.92
#1	-.00139	.01402	.00611	-.01035	.00053	.00014	.00052	.00017	.00079	-.00973	-.00040
#2	-.00437	.01527	.01291	-.00658	.00075	.00004	.00198	-.00040	-.00099	-.03526	.00027
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00114**	**.00036**
Stddev	.00011	.00191
%RSD	10.025	536.34
#1	.00122	-.00099
#2	.00106	.00170
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4918.1**	**74648.**	**5759.2**
Stddev	5.9	235.	58.2
%RSD	.12001	.31543	1.0102
#1	4913.9	74482.	5718.0
#2	4922.3	74815.	5800.3

Sample Name: CCVL1018383 Acquired: 9/29/2011 17:19:47 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01087**	**.10613**	**.01449**	**.09933**	**.01049**	**.00101**	**.11348**	**.19720**	**.00517**	**.01084**	**.01015**
Stddev	.00116	.00053	.00097	.00020	.00028	.00008	.00207	.00169	.00022	.00001	.00009
%RSD	10.705	.50184	6.6840	.20527	2.6924	7.5066	1.8200	.85578	4.1888	.11064	.90093
#1	.01169	.10650	.01518	.09919	.01069	.00106	.11202	.19840	.00501	.01083	.01009
#2	.01004	.10575	.01381	.09948	.01029	.00096	.11494	.19601	.00532	.01084	.01022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01525**	**.09916**	**3.1997**	F **.01325**	**.20955**	**.01104**	**.01964**	**1.0908**	**.04373**	**2.9464**	**.00855**
Stddev	.00018	.00306	.0101	.00109	.00024	.00005	.00045	.0076	.00001	.0027	.00325
%RSD	1.1611	3.0887	.31579	8.2305	.11537	.49221	2.2870	.69938	.02605	.09027	38.011
#1	.01513	.10133	3.1926	.01402	.20938	.01108	.01996	1.0854	.04373	2.9445	.00625
#2	.01538	.09700	3.2069	.01248	.20972	.01100	.01932	1.0962	.04374	2.9483	.01084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				.01000							
Range				30.000%							

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00144**	F **.01329**	**.01382**	**.48805**	**.10744**	**.01041**	**.01549**	**.00958**	**.01554**	W **.07618**	**.00998**
Stddev	.00218	.00034	.00153	.00429	.00042	.00003	.00078	.00002	.00084	.02410	.00012
%RSD	151.41	2.5304	11.042	.87967	.39467	.24238	5.0281	.25505	5.3870	31.631	1.2443
#1	.00010	.01353	.01490	.48502	.10714	.01043	.01604	.00956	.01613	.05914	.01007
#2	-.00298	.01305	.01274	.49109	.10774	.01040	.01494	.00960	.01495	.09322	.00989
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value		.01000								.06000	
Range		30.000%								20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02287**	**.01258**
Stddev	.00029	.00135
%RSD	1.2674	10.748
#1	.02307	.01354
#2	.02266	.01163
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4953.8**	**74652.**	**5839.9**
Stddev	20.4	184.	90.4
%RSD	.41083	.24697	1.5482
#1	4968.2	74522.	5776.0
#2	4939.4	74783.	5903.9

Sample Name: MB 280-88026/1-A Acquired: 9/29/2011 17:22:29 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00078**	**.00157**	**-.00179**	**-.00029**	**.00003**	**-.00010**	W **-.00744**	**.00206**	**.00011**	**.00020**
Stddev	.00021	.00025	.00050	.00011	.00008	.00006	.00063	.00101	.00014	.00004
%RSD	26.563	15.919	27.852	38.216	274.49	57.888	8.4898	48.967	127.51	17.957
#1	.00093	.00139	-.00214	-.00021	-.00003	-.00014	-.00700	.00278	.00020	.00022
#2	.00063	.00175	-.00144	-.00036	.00009	-.00006	-.00789	.00135	.00001	.00017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit							.00500			
Low Limit							-.00500			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**-.00035**	**.00660**	**.01851**	**.00033**	**.00021**	**.00007**	**-.00005**	**.02620**	**.00042**
Stddev	.00000	.00040	.00273	.01307	.00019	.00056	.00001	.00014	.00466	.00001
%RSD	3.3145	116.28	41.325	70.600	58.961	269.55	18.000	268.73	17.780	3.3120
#1	-.00011	-.00063	.00467	.00927	.00046	.00060	.00008	.00005	.02291	.00043
#2	-.00012	-.00006	.00853	.02775	.00019	-.00019	.00006	-.00015	.02950	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00052**	**.00069**	**.00178**	**-.00047**	**-.00166**	**.00667**	**.00061**	**.00004**	**-.00001**	**.00013**
Stddev	.00119	.00088	.00171	.00068	.00273	.00807	.00023	.00011	.00064	.00002
%RSD	228.67	128.68	96.215	143.96	164.75	121.03	37.623	239.18	7120.9	13.403
#1	-.00032	.00131	.00057	.00001	-.00358	.01238	.00077	.00012	-.00046	.00014
#2	.00136	.00006	.00299	-.00095	.00027	.00096	.00045	-.00003	.00045	.00012
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00111**	**.03230**	**.00019**	**.00270**	**-.00109**
Stddev	.00013	.02645	.00007	.00051	.00256
%RSD	11.710	81.880	38.301	18.847	235.97
#1	-.00120	.05101	.00014	.00306	.00073
#2	-.00101	.01360	.00024	.00234	-.00290
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5005.9**	**75132.**	**5950.7**
Stddev	16.6	357.	2.0
%RSD	.33255	.47483	.03334
#1	4994.1	75384.	5949.3
#2	5017.6	74880.	5952.1

Sample Name: LCS 280-88026/2-A Acquired: 9/29/2011 17:25:18 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04701**	**1.8987**	**.98690**	**1.0060**	**2.0038**	**.04907**	F **2.2013**	**47.505**	**.09321**	**.49385**
Stddev	.00041	.0006	.00427	.0012	.0042	.00034	.0041	.092	.00006	.00122
%RSD	.86736	.03366	.43307	.11813	.21128	.69683	.18628	.19306	.06764	.24623
#1	.04729	1.8992	.98992	1.0069	2.0008	.04882	2.1984	47.440	.09325	.49471
#2	.04672	1.8983	.98388	1.0052	2.0068	.04931	2.2042	47.570	.09316	.49299
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit							2.2000			
Low Limit							1.8000			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20143**	**.25084**	**.91252**	**51.013**	**1.0420**	**48.721**	**.50072**	**1.0036**	**53.217**	**.50884**
Stddev	.00031	.00089	.00171	.217	.0024	.016	.00029	.0010	.129	.00044
%RSD	.15347	.35652	.18755	.42507	.22995	.03222	.05754	.10411	.24191	.08630
#1	.20165	.25147	.91131	50.860	1.0403	48.710	.50052	1.0043	53.126	.50853
#2	.20121	.25021	.91373	51.166	1.0437	48.732	.50092	1.0028	53.308	.50915
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.150**	**.48669**	**-.00188**	**.50765**	**1.9582**	**9.8833**	**2.0826**	**1.0158**	**.97973**	**.98371**
Stddev	.015	.00151	.00077	.00169	.0058	.0293	.0012	.0028	.00320	.00050
%RSD	.14320	.30970	41.118	.33373	.29583	.29655	.05695	.27613	.32635	.05084
#1	10.161	.48775	-.00134	.50885	1.9623	9.8626	2.0834	1.0138	.97747	.98406
#2	10.140	.48562	-.00243	.50645	1.9541	9.9040	2.0817	1.0177	.98199	.98335
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9904**	**2.0563**	**.50322**	**.48189**	**.45607**
Stddev	.0006	.0195	.00023	.00024	.00346
%RSD	.03241	.94823	.04533	.04980	.75780
#1	1.9909	2.0425	.50306	.48172	.45363
#2	1.9900	2.0700	.50338	.48206	.45852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4819.0**	**71370.**	**5926.5**
Stddev	1.8	399.	17.1
%RSD	.03758	.55868	.28866
#1	4817.7	71652.	5938.6
#2	4820.3	71088.	5914.4

Sample Name: 280-20671-L-1-B@50 Acquired: 9/29/2011 17:27:48 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00080**	**.00064**	**.00354**	**.18794**	**.00067**	**-.00004**	**-.00105**	**23.939**	**-.00022**	**.00058**
Stddev	.00014	.00048	.00151	.00118	.00013	.00010	.00087	.093	.00004	.00013
%RSD	17.259	75.507	42.676	.62548	18.752	269.09	82.299	.38820	18.392	23.126
#1	.00090	.00030	.00247	.18877	.00058	-.00011	-.00166	24.005	-.00025	.00049
#2	.00070	.00098	.00461	.18711	.00076	.00003	-.00044	23.874	-.00019	.00068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00008**	**.00059**	**-.00113**	**12.017**	**.09214**	**26.482**	**.00201**	**.00587**	W **539.16**	**.00105**
Stddev	.00003	.00018	.00101	.037	.00100	.053	.00000	.00057	2.03	.00017
%RSD	36.604	29.964	89.036	.30718	1.0808	.20053	.13603	9.7482	.37701	16.501
#1	-.00010	.00072	-.00042	12.043	.09144	26.520	.00201	.00546	540.60	.00092
#2	-.00006	.00047	-.00184	11.991	.09284	26.444	.00201	.00627	537.73	.00117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00319**	**-.00058**	**51.830**	**.00046**	**.00556**	**.32000**	**-.00026**	**.66025**	**-.00077**	**-.00001**
Stddev	.00223	.00087	.017	.00039	.00210	.00812	.00127	.00322	.00079	.00010
%RSD	69.979	149.60	.03339	83.892	37.740	2.5373	487.12	.48697	102.72	749.10
#1	.00477	-.00120	51.842	.00019	.00408	.32574	-.00116	.66253	-.00021	.00006
#2	.00161	.00003	51.818	.00074	.00705	.31426	.00064	.65798	-.00132	-.00008
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00154**	**.02260**	**.00058**	**.00302**	**-.00138**
Stddev	.00219	.00963	.00009	.00014	.00008
%RSD	142.17	42.623	14.965	4.5817	6.1247
#1	-.00001	.01579	.00064	.00311	-.00144
#2	.00308	.02941	.00052	.00292	-.00132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4622.0**	**67776.**	**5768.4**
Stddev	2.3	96.	46.3
%RSD	.04980	.14095	.80301
#1	4620.4	67709.	5735.7
#2	4623.7	67844.	5801.2

Sample Name: 280-20671-L-2-B@50 Acquired: 9/29/2011 17:31:20 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00045**	**-.00034**	**.00298**	**.18274**	**.00088**	**.00000**	**-.00330**	**24.414**	**-.00018**	**.00036**
Stddev	.00099	.00036	.00519	.00087	.00012	.00005	.00039	.005	.00015	.00023
%RSD	218.72	106.44	174.07	.47660	14.166	3786.7	11.683	.01860	84.889	64.640
#1	-.00025	-.00059	-.00069	.18335	.00097	-.00003	-.00303	24.411	-.00007	.00053
#2	.00116	-.00008	.00666	.18212	.00079	.00003	-.00357	24.417	-.00028	.00020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**.00062**	**-.00143**	**12.199**	**.09368**	**30.184**	**.00522**	**.00151**	W **532.98**	**.00141**
Stddev	.00001	.00021	.00011	.075	.00010	.075	.00004	.00018	.18	.00027
%RSD	7.6599	33.739	7.8764	.61175	.10761	.25006	.71333	11.922	.03414	19.414
#1	-.00012	.00077	-.00151	12.146	.09375	30.237	.00525	.00163	532.86	.00161
#2	-.00011	.00047	-.00135	12.252	.09361	30.130	.00519	.00138	533.11	.00122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00027**	**-.00121**	**50.911**	**-.00046**	**-.00125**	**.28879**	**-.00031**	**.67719**	**-.00139**	**-.00060**
Stddev	.00041	.00053	.033	.00006	.00020	.00387	.00004	.00058	.00020	.00009
%RSD	149.54	43.824	.06530	13.487	15.932	1.3400	12.597	.08559	14.149	14.412
#1	.00056	-.00158	50.935	-.00050	-.00111	.29153	-.00033	.67678	-.00153	-.00054
#2	-.00002	-.00083	50.888	-.00041	-.00139	.28605	-.00028	.67760	-.00125	-.00066
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00147**	**.03007**	**.00037**	**.00544**	**-.00222**
Stddev	.00062	.00640	.00021	.00025	.00125
%RSD	42.386	21.301	57.712	4.5634	56.186
#1	.00191	.03459	.00052	.00526	-.00134
#2	.00103	.02554	.00022	.00561	-.00310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4643.3**	**67438.**	**5757.2**
Stddev	4.3	82.	11.7
%RSD	.09183	.12180	.20253
#1	4646.3	67380.	5748.9
#2	4640.3	67497.	5765.4

Sample Name: 280-20671-L-3-B@50 Acquired: 9/29/2011 17:34:51 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00090**	**.01536**	**-.00017**	**.18865**	**.00046**	**.00003**	**-.00589**	**24.949**	**-.00019**	**.00037**
Stddev	.00054	.00053	.00070	.00097	.00013	.00003	.00170	.055	.00007	.00001
%RSD	59.694	3.4480	407.89	.51335	28.941	100.27	28.842	.21893	38.213	2.1185
#1	.00052	.01573	-.00067	.18933	.00056	.00005	-.00710	24.910	-.00014	.00038
#2	.00128	.01498	.00032	.18796	.00037	.00001	-.00469	24.987	-.00024	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.00081**	**-.00182**	**12.516**	**.09849**	**31.093**	**.00536**	**.00122**	W **546.36**	**.00134**
Stddev	.00008	.00010	.00109	.098	.00085	.135	.00001	.00030	.78	.00010
%RSD	759.99	12.493	59.796	.78494	.86402	.43486	.17907	24.912	.14287	7.5291
#1	-.00006	.00074	-.00105	12.447	.09909	30.998	.00537	.00100	545.81	.00141
#2	.00004	.00089	-.00259	12.586	.09788	31.189	.00536	.00143	546.91	.00127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**-.00027**	**52.297**	**-.00094**	**-.00209**	**.29072**	**-.00046**	**.69359**	**-.00109**	**-.00070**
Stddev	.00194	.00045	.083	.00048	.00477	.00939	.00015	.00192	.00059	.00010
%RSD	899.72	171.57	.15956	50.432	228.87	3.2299	33.193	.27670	54.049	14.717
#1	.00115	.00006	52.356	-.00061	.00129	.28408	-.00057	.69224	-.00151	-.00063
#2	-.00158	-.00059	52.238	-.00128	-.00546	.29736	-.00035	.69495	-.00067	-.00077
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.01817**	**.00081**	**.00386**	**-.00083**
Stddev	.00026	.03220	.00008	.00014	.00048
%RSD	30.905	177.18	9.3066	3.6175	58.087
#1	.00101	.04094	.00075	.00396	-.00049
#2	.00065	-.00460	.00086	.00376	-.00117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4574.2**	**66791.**	**5721.9**
Stddev	4.2	387.	34.6
%RSD	.09193	.58009	.60390
#1	4577.2	67065.	5746.3
#2	4571.3	66517.	5697.5

Sample Name: 280-20671-L-4-E@50 Acquired: 9/29/2011 17:38:26 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00070**	**-.00078**	**.00410**	**.15466**	**.00093**	**-.00003**	**-.00037**	**25.176**	**-.00041**	**.00037**
Stddev	.00007	.00057	.00173	.00037	.00034	.00005	.00080	.077	.00010	.00013
%RSD	10.697	73.454	42.190	.24038	36.276	136.13	217.29	.30746	23.597	34.709
#1	.00075	-.00037	.00532	.15492	.00117	-.00007	-.00094	25.122	-.00047	.00028
#2	.00065	-.00118	.00288	.15440	.00069	.00000	.00020	25.231	-.00034	.00046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.00081**	**-.00125**	**14.587**	**.10633**	**29.301**	**.00007**	**.00070**	W **595.33**	**.00121**
Stddev	.00009	.00006	.00095	.102	.00062	.159	.00003	.00045	.84	.00001
%RSD	391.21	6.8802	76.143	.69610	.57979	.54312	48.114	64.002	.14049	1.1126
#1	.00004	.00085	-.00058	14.515	.10677	29.414	.00009	.00039	594.74	.00120
#2	-.00008	.00078	-.00192	14.658	.10589	29.189	.00004	.00102	595.92	.00122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00206**	**.00111**	**52.074**	**-.00223**	**-.00329**	**.29420**	**-.00032**	**.68212**	**-.00200**	**-.00071**
Stddev	.00155	.00043	.030	.00091	.00207	.00954	.00036	.00216	.00162	.00006
%RSD	75.318	38.531	.05847	40.606	62.915	3.2425	111.89	.31639	80.933	9.1161
#1	.00096	.00142	52.095	-.00159	-.00475	.30095	-.00007	.68059	-.00314	-.00075
#2	.00316	.00081	52.052	-.00288	-.00183	.28746	-.00058	.68364	-.00085	-.00066
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00094**	**.00061**	**.00416**	**-.00118**
Stddev	.00021	.00567	.00022	.00028	.00154
%RSD	45.101	603.53	35.030	6.8054	130.43
#1	.00061	.00495	.00077	.00436	-.00226
#2	.00032	-.00307	.00046	.00396	-.00009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4569.9**	**67215.**	**5743.1**
Stddev	5.0	584.	7.1
%RSD	.10952	.86893	.12384
#1	4573.5	66802.	5738.1
#2	4566.4	67628.	5748.2

Sample Name: 280-20671-L-4-Esd@25 Acquired: 9/29/2011 17:42:02 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00102**	**-.00006**	**-.00136**	**.03113**	**.00011**	**-.00002**	**-.00425**	**5.0572**	**-.00005**	**.00023**
Stddev	.00000	.00009	.00115	.00037	.00012	.00005	.00117	.0626	.00022	.00020
%RSD	.15209	164.01	84.942	1.1793	117.36	283.34	27.571	1.2378	468.39	86.844
#1	.00102	-.00012	-.00217	.03087	.00019	-.00005	-.00508	5.1014	.00011	.00037
#2	.00103	.00001	-.00054	.03139	.00002	.00002	-.00342	5.0129	-.00020	.00009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**-.00017**	**-.00295**	**2.8920**	**.02315**	**5.8974**	**-.00005**	**-.00043**	**119.64**	**.00086**
Stddev	.00001	.00030	.00056	.0112	.00299	.0118	.00003	.00037	1.66	.00027
%RSD	3.2274	180.45	19.078	.38682	12.901	.19987	56.180	86.854	1.3844	30.900
#1	-.00032	.00005	-.00255	2.8999	.02526	5.9057	-.00007	-.00070	120.81	.00105
#2	-.00030	-.00038	-.00335	2.8841	.02104	5.8890	-.00003	-.00017	118.47	.00067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.00082**	**10.012**	**-.00140**	**.00008**	**.05331**	**-.00012**	**.13538**	**-.00180**	**-.00024**
Stddev	.00078	.00039	.024	.00032	.00427	.01480	.00051	.00145	.00031	.00010
%RSD	245.59	47.833	.24426	22.605	5427.7	27.761	429.82	1.0730	17.352	40.117
#1	-.00087	-.00054	10.030	-.00118	-.00294	.06378	.00024	.13641	-.00158	-.00031
#2	.00024	-.00110	9.9950	-.00162	.00310	.04285	-.00047	.13435	-.00202	-.00017
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00095**	**.01876**	**.00020**	**.00359**	**-.00160**
Stddev	.00161	.01241	.00060	.00031	.00016
%RSD	170.57	66.125	301.13	8.6860	9.9656
#1	.00209	.02753	.00062	.00381	-.00149
#2	-.00020	.00999	-.00023	.00337	-.00171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4798.3**	**71596.**	**5774.9**
Stddev	5.4	345.	6.8
%RSD	.11245	.48154	.11791
#1	4794.5	71352.	5779.7
#2	4802.1	71839.	5770.0

Sample Name: 280-20671-L-4-FMS@50 Acquired: 9/29/2011 17:44:44 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00163**	**.03967**	**.01976**	**.17355**	**.04106**	**.00091**	**.04106**	**26.047**	**.00172**	**.01038**
Stddev	.00011	.00117	.00252	.00058	.00019	.00012	.00238	.062	.00002	.00014
%RSD	6.8035	2.9483	12.767	.33262	.45808	13.354	5.7888	.23893	1.0070	1.3213
#1	.00171	.04050	.02154	.17396	.04119	.00100	.04274	26.003	.00173	.01028
#2	.00155	.03884	.01797	.17314	.04092	.00083	.03938	26.091	.00170	.01048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00388**	**.00575**	**.01432**	**15.577**	**.12837**	**30.409**	**.01040**	**.02057**	W **591.29**	**.01149**
Stddev	.00001	.00003	.00142	.108	.00222	.154	.00006	.00036	2.47	.00010
%RSD	.31003	.57780	9.8971	.69284	1.7262	.50548	.54360	1.7410	.41842	.87784
#1	.00389	.00578	.01332	15.501	.12994	30.517	.01044	.02032	589.54	.01156
#2	.00387	.00573	.01532	15.654	.12680	30.300	.01036	.02083	593.04	.01142
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.21515**	**.00803**	**51.664**	**.01010**	**.03865**	**.50577**	**.04078**	**.69587**	**.01960**	**.02004**
Stddev	.00145	.00194	.084	.00177	.00237	.00111	.00078	.00232	.00081	.00001
%RSD	.67199	24.170	.16348	17.535	6.1416	.21974	1.9138	.33384	4.1112	.06453
#1	.21617	.00940	51.724	.00884	.04033	.50498	.04023	.69423	.02017	.02004
#2	.21413	.00666	51.604	.01135	.03697	.50655	.04134	.69751	.01903	.02003
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.03993**	**.05064**	**.01160**	**.01276**	**.00678**
Stddev	.00018	.03366	.00039	.00006	.00080
%RSD	.43837	66.470	3.3395	.48003	11.761
#1	.03981	.02684	.01133	.01281	.00734
#2	.04006	.07445	.01188	.01272	.00622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4555.4**	**65841.**	**5624.1**
Stddev	21.8	464.	16.1
%RSD	.47926	.70515	.28704
#1	4570.8	65513.	5612.6
#2	4539.9	66169.	5635.5

Sample Name: 280-20671-L-4-GMSD@5 Acquired: 9/29/2011 17:48:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00174**	**.04144**	**.02352**	**.18784**	**.04359**	**.00100**	**.04089**	**27.972**	**.00177**	**.01114**
Stddev	.00011	.00025	.00035	.00000	.00037	.00007	.00274	.089	.00003	.00006
%RSD	6.3668	.59613	1.4971	.00154	.85692	7.1765	6.7094	.31712	1.5389	.57720
#1	.00181	.04161	.02327	.18785	.04333	.00095	.03895	27.909	.00179	.01119
#2	.00166	.04126	.02376	.18784	.04386	.00105	.04283	28.035	.00175	.01110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00435**	**.00639**	**.01700**	**16.845**	**.13750**	**32.747**	**.01102**	**.02256**	W **637.96**	**.01223**
Stddev	.00021	.00008	.00056	.032	.00010	.189	.00008	.00007	1.29	.00017
%RSD	4.8592	1.3075	3.3146	.18751	.07532	.57682	.70460	.29438	.20285	1.3838
#1	.00450	.00634	.01660	16.867	.13758	32.614	.01097	.02261	637.04	.01211
#2	.00420	.00645	.01740	16.822	.13743	32.881	.01108	.02251	638.87	.01235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.23132**	**.00876**	**55.909**	**.00906**	**.04167**	**.53659**	**.04332**	**.75024**	**.01910**	**.02149**
Stddev	.00134	.00177	.020	.00191	.00225	.01192	.00054	.00264	.00090	.00012
%RSD	.57925	20.170	.03560	21.032	5.4105	2.2220	1.2454	.35185	4.7290	.57770
#1	.23037	.00751	55.894	.00771	.04326	.54502	.04370	.74837	.01974	.02158
#2	.23227	.01001	55.923	.01041	.04007	.52815	.04294	.75211	.01846	.02140
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04123**	**.09554**	**.01178**	**.01330**	**.00682**
Stddev	.00017	.00291	.00018	.00004	.00023
%RSD	.40461	3.0499	1.5499	.27299	3.4214
#1	.04111	.09348	.01165	.01333	.00666
#2	.04135	.09760	.01191	.01328	.00699
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4496.6**	**65448.**	**5584.4**
Stddev	.7	574.	36.2
%RSD	.01523	.87684	.64758
#1	4496.1	65854.	5558.8
#2	4497.1	65042.	5610.0

Sample Name: CCVH-1018440 Acquired: 9/29/2011 17:51:48 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01823**	**48.282**	**-.00141**	**.00172**	**.00075**	**-.00009**	**1.0609**	**-.01324**	**-.00142**	**.00226**	**-.00012**	**-.00041**	**46.633**
Stddev	.00017	.072	.00108	.00063	.00018	.00005	.0076	.00102	.00018	.00004	.00007	.00014	.166
%RSD	.92273	.15000	76.642	36.291	23.794	61.549	.72139	7.7080	12.491	1.8058	54.592	33.302	.35615
#1	-.01811	48.230	-.00065	.00217	.00062	-.00013	1.0555	-.01252	-.00154	.00223	-.00007	-.00031	46.516
#2	-.01834	48.333	-.00217	.00128	.00088	-.00005	1.0663	-.01396	-.00129	.00229	-.00017	-.00051	46.750
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.06172**	**.00400**	**-.03430**	**-.00043**	**-.00233**	**262.95**	**.00136**	**.00334**	**-.00047**	**4.9710**	**-.00853**	**.00308**	**.02105**
Stddev	.00981	.00047	.00212	.00001	.00006	.46	.00054	.00019	.00106	.0263	.00093	.00126	.00925
%RSD	15.893	11.668	6.1934	1.2589	2.4453	.17330	39.747	5.6027	226.62	.52824	10.870	41.012	43.961
#1	.06866	.00367	-.03280	-.00043	-.00229	262.62	.00097	.00321	-.00122	4.9524	-.00788	.00397	.01451
#2	.05479	.00433	-.03580	-.00044	-.00237	263.27	.00174	.00347	.00028	4.9896	-.00919	.00218	.02759
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00194**	**.00036**	**4.8839**	**-.00704**	**.00102**	**10.051**	**.00164**	**.00202**	**-.19346**
Stddev	.00159	.00001	.0169	.00024	.00038	.018	.00017	.00005	.00280
%RSD	81.951	2.2886	.34603	3.4599	37.514	.17980	10.543	2.5919	1.4475
#1	.00082	.00036	4.8720	-.00686	.00129	10.038	.00177	.00205	-.19148
#2	.00307	.00035	4.8959	-.00721	.00075	10.064	.00152	.00198	-.19544
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4684.4**	**69092.**	**5673.8**
Stddev	4.3	251.	9.9
%RSD	.09266	.36294	.17441
#1	4681.4	69269.	5680.8
#2	4687.5	68914.	5666.8

Sample Name: CCV-1012098 Acquired: 9/29/2011 17:54:33 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49824**	**.51993**	**.99536**	**.51526**	**.50885**	**.49556**	**-.00201**	**4.8596**	**.50781**	**.51155**	**.50884**	**.50950**	**2.2647**
Stddev	.00142	.00022	.00693	.00036	.00028	.00032	.00356	.0051	.00079	.00164	.00049	.00175	.0008
%RSD	.28450	.04310	.69615	.06991	.05478	.06391	176.62	.10438	.15549	.31974	.09567	.34300	.03475
#1	.49723	.51977	.99046	.51501	.50905	.49534	.00050	4.8632	.50725	.51040	.50850	.50826	2.2642
#2	.49924	.52009	1.0003	.51552	.50866	.49579	-.00453	4.8560	.50837	.51271	.50919	.51073	2.2653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**52.014**	**1.0750**	**20.135**	**.51215**	**.49961**	**5.3623**	**.52846**	**1.0189**	**1.0070**	**.00706**	**.99494**	**.98216**	**4.9545**
Stddev	.028	.0007	.077	.00226	.00023	.0008	.00097	.0016	.0027	.00406	.00472	.00284	.0033
%RSD	.05373	.06382	.38456	.44138	.04673	.01449	.18372	.15546	.27025	57.559	.47403	.28918	.06690
#1	52.034	1.0755	20.081	.51055	.49945	5.3628	.52778	1.0200	1.0050	.00419	.99827	.98015	4.9522
#2	51.994	1.0745	20.190	.51375	.49978	5.3617	.52915	1.0178	1.0089	.00993	.99160	.98417	4.9568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0604**	**.51043**	**-.00103**	**.48683**	**1.0290**	**.01870**	**.50113**	**.49796**	**.48973**
Stddev	.0000	.00025	.00014	.00149	.0052	.04227	.00177	.00355	.00034
%RSD	.00407	.04936	14.058	.30560	.50610	226.08	.35298	.71368	.06909
#1	1.0604	.51026	-.00093	.48578	1.0253	-.01119	.49987	.49545	.48997
#2	1.0604	.51061	-.00113	.48789	1.0327	.04859	.50238	.50047	.48949
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4833.0**	**71946.**	**5767.0**
Stddev	35.5	147.	20.8
%RSD	.73456	.20413	.36106
#1	4858.1	72050.	5781.7
#2	4807.9	71842.	5752.3

Sample Name: CCB Acquired: 9/29/2011 17:57:02 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00089**	**.00002**	**.00281**	**.00040**	**.00035**	**.00003**	**-.00515**	**-.00788**	**.00012**	**.00032**	**.00002**	**-.00068**
Stddev	.00014	.00043	.00042	.00008	.00027	.00002	.00123	.00040	.00005	.00019	.00015	.00033
%RSD	16.141	2846.1	15.044	21.031	79.432	57.224	23.878	5.0444	40.407	58.288	950.57	49.042
#1	.00100	.00032	.00311	.00045	.00015	.00004	-.00602	-.00760	.00008	.00046	.00012	-.00044
#2	.00079	-.00029	.00252	.00034	.00054	.00002	-.00428	-.00816	.00015	.00019	-.00009	-.00091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit												
Low Limit												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00334**	**.07330**	**.00022**	**-.00117**	**-.00005**	**.00307**	F **.18146**	**.00084**	**.00102**	**-.00047**	**.00234**	F **.01418**
Stddev	.00039	.06310	.00291	.00082	.00001	.00044	.01763	.00026	.00147	.00016	.00015	.00116
%RSD	11.727	86.083	1317.7	70.274	11.223	14.255	9.7171	30.831	143.87	33.242	6.4684	8.1864
#1	-.00306	.11791	-.00184	-.00175	-.00004	.00276	.19393	.00102	.00206	-.00036	.00244	.01336
#2	-.00362	.02868	.00228	-.00059	-.00005	.00338	.16899	.00065	-.00002	-.00059	.00223	.01500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail
High Limit							.10000					.00628
Low Limit							-.10000					-.00628

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00287**	**-.00526**	**.00089**	**.00005**	**.00110**	**-.00006**	**-.00102**	**.00217**	**-.00010**	**.00106**	**-.00046**
Stddev	.00499	.02336	.00038	.00006	.00073	.00012	.00014	.03395	.00051	.00022	.00092
%RSD	174.11	444.17	42.941	104.57	66.527	192.90	13.639	1565.4	526.07	20.682	200.08
#1	-.00066	.01126	.00116	.00001	.00162	-.00015	-.00112	-.02183	-.00046	.00122	-.00111
#2	.00639	-.02178	.00062	.00009	.00058	.00002	-.00092	.02617	.00027	.00091	.00019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4831.3**	**73200.**	**5631.3**
Stddev	23.1	148.	88.5
%RSD	.47894	.20204	1.5711
#1	4814.9	73095.	5568.8
#2	4847.6	73304.	5693.9

Sample Name: CCVL1018383 Acquired: 9/29/2011 17:59:45 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01041**	**.10540**	**.01333**	**.09913**	**.01055**	**.00098**	**.11367**	**.19181**	**.00504**	**.01089**	**.01023**
Stddev	.00034	.00035	.00180	.00114	.00004	.00004	.00036	.00094	.00012	.00003	.00021
%RSD	3.3136	.33640	13.492	1.1499	.41059	4.4093	.31749	.49153	2.4561	.27402	2.0326
#1	.01066	.10565	.01460	.09993	.01058	.00095	.11393	.19115	.00513	.01087	.01008
#2	.01017	.10515	.01206	.09832	.01052	.00101	.11342	.19248	.00496	.01091	.01038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01546**	**.09037**	**3.2211**	F **.01423**	**.20790**	**.01062**	**.01957**	W **1.2025**	**.04398**	**2.9418**	**.00830**
Stddev	.00021	.00154	.0213	.00254	.00082	.00001	.00038	.0056	.00055	.0086	.00136
%RSD	1.3785	1.7075	.66033	17.856	.39208	.09539	1.9297	.46757	1.2503	.29120	16.393
#1	.01531	.08928	3.2361	.01603	.20732	.01063	.01930	1.2065	.04437	2.9479	.00926
#2	.01561	.09146	3.2060	.01244	.20848	.01061	.01984	1.1985	.04359	2.9358	.00734
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
Value				.01000				1.0000			
Range				30.000%				20.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00407**	F **.01315**	W **.01133**	**.46223**	**.10633**	**.01045**	**.01513**	**.00960**	**.01642**	W **.07324**	**.01001**
Stddev	.00139	.00236	.00150	.00038	.00034	.00008	.00219	.00008	.00020	.03986	.00019
%RSD	34.190	17.956	13.256	.08310	.31539	.78529	14.479	.82008	1.2300	54.426	1.8667
#1	.00309	.01148	.01239	.46196	.10657	.01050	.01668	.00955	.01628	.04505	.00988
#2	.00506	.01481	.01027	.46251	.10610	.01039	.01358	.00966	.01656	.10143	.01014
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value		.01000	.01500							.06000	
Range		30.000%	-20.000%							20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02206**	**.01303**
Stddev	.00036	.00096
%RSD	1.6236	7.3557
#1	.02231	.01235
#2	.02180	.01371
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4903.4**	**73491.**	**5721.7**
Stddev	5.3	413.	12.1
%RSD	.10756	.56233	.21181
#1	4907.2	73784.	5730.3
#2	4899.7	73199.	5713.2

Sample Name: LB3 280-88305/1-B Acquired: 9/29/2011 18:02:27 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00111**	**.00187**	**-.00095**	W **.00773**	**.00006**	**.00000**	**-.00433**	**.04155**	**.00012**	**.00009**
Stddev	.00026	.00022	.00072	.00039	.00034	.0000	.00120	.00249	.00023	.00005
%RSD	23.647	11.692	76.253	5.0254	607.83	290.67	27.629	5.9951	187.62	53.472
#1	.00130	.00203	-.00044	.00746	.00029	.00000	-.00517	.04331	-.00004	.00005
#2	.00093	.00172	-.00146	.00800	-.00018	-.00001	-.00348	.03979	.00029	.00012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00500						
Low Limit				-.00500						

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00004**	**.00003**	**-.00149**	**.01431**	**.00071**	**.00553**	**.00007**	**-.00019**	F **1.9546**	**.00027**
Stddev	.00014	.00008	.00097	.00411	.00080	.00086	.00002	.00022	.0078	.00012
%RSD	387.44	276.45	64.583	28.727	112.30	15.489	26.863	115.36	.40109	43.267
#1	.00006	.00009	-.00081	.01141	.00015	.00492	.00005	-.00003	1.9602	.00018
#2	-.00013	-.00003	-.00218	.01722	.00128	.00614	.00008	-.00034	1.9491	.00035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit									1.0000	
Low Limit									-1.0000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00180**	**.00084**	**.01169**	**.00221**	**.00014**	**.02246**	**.00104**	**.00008**	**.00190**	**.00015**
Stddev	.00242	.00083	.00152	.00032	.00385	.00009	.00042	.00013	.00030	.00030
%RSD	134.14	99.146	13.027	14.651	2661.8	.40930	40.221	168.03	15.976	199.62
#1	.00009	.00025	.01061	.00198	-.00258	.02252	.00075	.00016	.00169	.00036
#2	.00351	.00143	.01277	.00243	.00287	.02239	.00134	-.00001	.00212	-.00006
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00261**	**-.02158**	**-.00010**	**.00164**	**.00074**
Stddev	.00133	.01601	.00006	.00015	.00033
%RSD	50.838	74.169	58.284	9.4423	44.869
#1	-.00355	-.01026	-.00014	.00175	.00098
#2	-.00167	-.03290	-.00006	.00153	.00051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4963.5**	**75507.**	**5886.9**
Stddev	10.0	121.	34.8
%RSD	.20078	.16021	.59093
#1	4970.5	75421.	5862.3
#2	4956.4	75592.	5911.5

Sample Name: LCS 280-88305/2-B Acquired: 9/29/2011 18:05:11 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19595**	**.38795**	**.74987**	**.19584**	**2.3590**	**.00920**	**.42733**	**9.1751**	**.21013**	**.09673**
Stddev	.00058	.00134	.00162	.00055	.0040	.00005	.00324	.0000	.00025	.00035
%RSD	.29346	.34530	.21592	.28100	.16731	.54583	.75836	.00042	.11807	.36399
#1	.19635	.38890	.75101	.19623	2.3617	.00916	.42962	9.1752	.21030	.09648
#2	.19554	.38701	.74872	.19545	2.3562	.00923	.42504	9.1751	.20995	.09698
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0023**	**.44542**	**.19364**	**9.8276**	**.20529**	**9.3341**	**.09699**	**.18800**	F **13.174**	**.10005**
Stddev	.0007	.00080	.00081	.0082	.00093	.0063	.00016	.00036	.146	.00044
%RSD	.06659	.17900	.42072	.08366	.45060	.06709	.16485	.19013	1.1059	.43864
#1	1.0027	.44598	.19422	9.8334	.20464	9.3385	.09710	.18825	13.277	.10036
#2	1.0018	.44485	.19307	9.8217	.20594	9.3297	.09687	.18775	13.071	.09974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit									12.000	
Low Limit									8.0000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.8956**	**1.0618**	**.01403**	**.08228**	**.54589**	F **1.8750**	**.39886**	**.19544**	**.18635**	**.18481**
Stddev	.0003	.0012	.00252	.00170	.00181	.0108	.00040	.00032	.00094	.00046
%RSD	.01796	.11134	17.964	2.0670	.33112	.57373	.10107	.16140	.50632	.24691
#1	1.8959	1.0610	.01581	.08349	.54717	1.8674	.39857	.19567	.18702	.18514
#2	1.8954	1.0626	.01224	.08108	.54462	1.8826	.39914	.19522	.18569	.18449
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						.48000				
Low Limit						.32000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.39347**	**.39975**	**.09034**	**.45704**	**.08590**
Stddev	.00269	.00643	.00044	.00102	.00181
%RSD	.68468	1.6073	.48917	.22399	2.1115
#1	.39538	.39521	.09065	.45776	.08462
#2	.39157	.40430	.09003	.45631	.08718
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4893.3**	**74409.**	**5927.8**
Stddev	32.9	134.	5.6
%RSD	.67154	.18030	.09367
#1	4916.5	74314.	5923.9
#2	4870.0	74504.	5931.7

Sample Name: 280-20798-L-1-B Acquired: 9/29/2011 18:07:44 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00062**	**.00559**	**.33391**	**.47349**	**.00473**	**.00004**	**-.00328**	**.98983**	**-.00316**	**.00653**
Stddev	.00030	.00006	.00476	.00222	.00042	.00000	.00206	.00000	.00009	.00022
%RSD	47.935	.99996	1.4266	.46886	8.9479	3.9005	63.009	.00047	2.7059	3.3208
#1	.00041	.00563	.33054	.47192	.00503	.00004	-.00182	.98984	-.00322	.00638
#2	.00083	.00555	.33728	.47506	.00443	.00004	-.00474	.98983	-.00310	.00669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01510**	**.00432**	**.14331**	W **184.48**	**.17436**	**.03539**	**.00745**	**.25793**	W **1271.5**	**.08935**
Stddev	.00022	.00029	.00000	.28	.00163	.00304	.00002	.00007	2.4	.00016
%RSD	1.4275	6.8188	.00221	.15181	.93318	8.5960	.25841	.02753	.19099	.18089
#1	.01494	.00411	.14331	184.68	.17551	.03324	.00746	.25798	1273.3	.08924
#2	.01525	.00453	.14331	184.28	.17321	.03754	.00743	.25788	1269.8	.08946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.95452**	**-.00041**	**136.70**	**.00844**	**.00712**	**3.3806**	**.00229**	**.04078**	**-.00038**	**.00016**
Stddev	.00583	.00009	.11	.00033	.00488	.0114	.00097	.00003	.00123	.00008
%RSD	.61065	21.052	.07692	3.9038	68.582	.33676	42.312	.07298	322.26	50.823
#1	.95040	-.00035	136.62	.00821	.00367	3.3725	.00298	.04080	-.00125	.00022
#2	.95864	-.00047	136.77	.00868	.01057	3.3886	.00161	.04076	.00049	.00011
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00037**	**.01382**	**.04605**	**.00378**	**.00046**
Stddev	.00035	.03268	.00005	.00035	.00013
%RSD	95.011	236.47	.10502	9.1488	27.607
#1	.00062	.03693	.04602	.00353	.00054
#2	.00012	-.00929	.04608	.00402	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4479.9**	**64022.**	**5771.0**
Stddev	14.2	586.	10.4
%RSD	.31738	.91519	.18090
#1	4490.0	63608.	5763.6
#2	4469.9	64437.	5778.4

Sample Name: sd 280-20798-L-1-B@5 Acquired: 9/29/2011 18:11:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00060**	**.00058**	**.06777**	**.09924**	**.00095**	**.00001**	**-.00201**	**.19728**	**-.00082**	**.00153**
Stddev	.00009	.00029	.00110	.00029	.00009	.00005	.00164	.00350	.00007	.00011
%RSD	15.106	49.525	1.6275	.29580	9.9919	551.24	81.453	1.7728	8.8759	7.2531
#1	.00066	.00038	.06699	.09903	.00102	.00005	-.00316	.19481	-.00077	.00161
#2	.00053	.00079	.06855	.09945	.00088	-.00003	-.00085	.19975	-.00088	.00145
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00307**	**.00110**	**.02662**	**37.781**	**.03647**	**.00368**	**.00170**	**.05257**	**261.37**	**.01923**
Stddev	.00002	.00004	.00056	.010	.00161	.00209	.00002	.00001	.13	.00042
%RSD	.71042	3.9293	2.0948	.02700	4.4057	56.988	1.1941	.02723	.04902	2.1604
#1	.00309	.00113	.02623	37.774	.03761	.00516	.00169	.05256	261.28	.01893
#2	.00306	.00107	.02701	37.788	.03534	.00219	.00172	.05258	261.46	.01952
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.18933**	**-.00043**	**27.304**	**.00031**	**-.00353**	**.68013**	**.00050**	**.00834**	**-.00036**	**-.00004**
Stddev	.00039	.00139	.090	.00161	.00233	.01085	.00023	.00012	.00071	.00002
%RSD	.20399	321.21	.32810	518.36	66.040	1.5949	45.265	1.3810	199.08	57.485
#1	.18906	.00055	27.368	-.00083	-.00517	.68781	.00034	.00842	.00015	-.00005
#2	.18961	-.00141	27.241	.00145	-.00188	.67246	.00066	.00826	-.00086	-.00002
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00089**	**.01795**	**.00947**	**.00291**	**-.00103**
Stddev	.00065	.02605	.00014	.00099	.00165
%RSD	72.993	145.13	1.5240	33.886	159.93
#1	-.00134	-.00047	.00936	.00221	-.00220
#2	-.00043	.03636	.00957	.00361	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4674.9**	**69156.**	**5737.1**
Stddev	20.0	369.	24.1
%RSD	.42769	.53313	.41946
#1	4689.0	69417.	5754.1
#2	4660.8	68895.	5720.1

Sample Name: 280-20798-L-1-C MS Acquired: 9/29/2011 18:14:05 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.21821**	**.36682**	**1.1469**	**.66213**	**2.3466**	**.00919**	**.42340**	**9.9206**	**.21857**	**.10146**
Stddev	.00028	.00069	.0054	.00089	.0117	.00001	.00214	.0423	.00048	.00011
%RSD	.12802	.18861	.47098	.13510	.50031	.13374	.50633	.42692	.21891	.11137
#1	.21841	.36731	1.1507	.66276	2.3549	.00920	.42492	9.9505	.21891	.10138
#2	.21801	.36634	1.1431	.66149	2.3383	.00918	.42188	9.8906	.21823	.10154
Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.10000									
Low Limit	-.01000									

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.99905**	**.46594**	**.31548**	W **198.51**	**.37645**	**8.9665**	**.10503**	**.44739**	W **1311.3**	**.18848**
Stddev	.00086	.00001	.00293	.85	.00031	.0087	.00026	.00121	5.4	.00080
%RSD	.08612	.00307	.92745	.42713	.08340	.09736	.24312	.27060	.41372	.42350
#1	.99966	.46593	.31341	199.11	.37623	8.9604	.10485	.44825	1315.1	.18905
#2	.99845	.46595	.31755	197.91	.37667	8.9727	.10521	.44654	1307.4	.18792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.0073**	**1.0295**	**137.52**	**.09029**	**.26054**	**5.0376**	**.38941**	**.23499**	**.18928**	**.18961**
Stddev	.0014	.0021	.21	.00169	.00189	.0200	.00025	.00159	.00144	.00010
%RSD	.04537	.20440	.15339	1.8752	.72581	.39699	.06345	.67758	.76026	.05349
#1	3.0083	1.0310	137.67	.09148	.26188	5.0517	.38923	.23611	.18826	.18968
#2	3.0064	1.0280	137.37	.08909	.25920	5.0235	.38958	.23386	.19030	.18954
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.35150**	**.39931**	**.14105**	**.50944**	**.08566**
Stddev	.00014	.00521	.00041	.00133	.00182
%RSD	.04104	1.3040	.29278	.26130	2.1219
#1	.35140	.40299	.14135	.50850	.08694
#2	.35160	.39563	.14076	.51038	.08437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4474.3**	**64044.**	**5736.9**
Stddev	9.3	181.	20.7
%RSD	.20726	.28280	.36027
#1	4480.9	63916.	5722.3
#2	4467.7	64172.	5751.6

Sample Name: 280-20798-L-1-D MSD Acquired: 9/29/2011 18:17:31 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88310 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.21934**	**.38301**	**1.1936**	**.69742**	**2.4669**	**.00964**	**.41825**	**10.402**	**.22139**	**.10478**
Stddev	.00076	.00162	.0010	.00095	.0021	.00001	.00032	.031	.00033	.00020
%RSD	.34476	.42291	.07960	.13668	.08547	.15248	.07743	.29855	.15108	.19236
#1	.21988	.38415	1.1930	.69809	2.4655	.00965	.41848	10.380	.22163	.10493
#2	.21881	.38186	1.1943	.69675	2.4684	.00963	.41803	10.424	.22115	.10464
Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.10000									
Low Limit	-.01000									

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0480**	**.46626**	**.32624**	W **208.72**	**.40086**	**9.4048**	**.11044**	**.46023**	W **1381.7**	**.19597**
Stddev	.0018	.00063	.00112	.54	.00020	.0150	.00014	.00033	2.8	.00049
%RSD	.17308	.13462	.34259	.25746	.05100	.15893	.12545	.07205	.20133	.24980
#1	1.0493	.46670	.32703	208.34	.40100	9.3943	.11034	.46046	1379.7	.19562
#2	1.0468	.46582	.32545	209.10	.40072	9.4154	.11054	.45999	1383.7	.19631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.1625**	**1.0360**	**143.98**	**.09375**	**.26806**	**5.3325**	**.40404**	**.24682**	**.19913**	**.19875**
Stddev	.0061	.0003	.41	.00020	.00163	.0206	.00293	.00006	.00019	.00025
%RSD	.19154	.02746	.28200	.21653	.60822	.38573	.72520	.02585	.09305	.12681
#1	3.1668	1.0362	144.27	.09389	.26921	5.3180	.40611	.24686	.19900	.19857
#2	3.1583	1.0358	143.70	.09360	.26691	5.3471	.40197	.24677	.19926	.19893
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.35883**	**.39558**	**.14941**	**.52740**	**.08918**
Stddev	.00000	.01104	.00028	.00072	.00133
%RSD	.00064	2.7914	.18751	.13644	1.4901
#1	.35883	.40339	.14961	.52790	.08824
#2	.35883	.38778	.14921	.52689	.09012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4419.0**	**63563.**	**5714.3**
Stddev	14.3	156.	19.7
%RSD	.32431	.24488	.34413
#1	4429.1	63673.	5728.2
#2	4408.9	63452.	5700.4

Sample Name: CCVH-1018440 Acquired: 9/29/2011 18:20:57 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247	Fe2714
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01836**	**47.924**	**.00089**	**.00258**	**.00107**	**-.00014**	**1.0649**	**-.01732**	**-.00147**	**.00236**	**-.00027**	**.00025**	**46.341**
Stddev	.00036	.096	.00161	.00034	.00030	.00003	.0009	.00162	.00007	.00037	.00029	.00019	.065
%RSD	1.9674	.20093	180.31	13.082	28.051	25.046	.08352	9.3703	4.5544	15.906	106.38	77.623	.13936
#1	-.01861	47.992	-.00025	.00282	.00128	-.00016	1.0642	-.01847	-.00151	.00209	-.00007	.00011	46.387
#2	-.01810	47.856	.00203	.00234	.00085	-.00011	1.0655	-.01618	-.00142	.00262	-.00048	.00039	46.295
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value													
Range													

Elem	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.72828**	**.00113**	**-.03696**	**-.00042**	**-.00146**	**266.45**	**.00168**	**.00674**	**-.00065**	**5.0207**	**-.00782**	**.00473**	**.02036**
Stddev	.07101	.00053	.00677	.00009	.00026	1.20	.00016	.00299	.00116	.0038	.00138	.00394	.01982
%RSD	9.7502	46.889	18.325	20.865	17.895	.44853	9.6049	44.357	179.07	.07570	17.702	83.239	97.379
#1	.77849	.00150	-.04175	-.00036	-.00164	267.29	.00180	.00886	.00017	5.0234	-.00880	.00752	.00634
#2	.67807	.00075	-.03217	-.00048	-.00127	265.60	.00157	.00463	-.00147	5.0181	-.00684	.00195	.03437
Check ?	None	None	None	None	None	Chk Pass	None	None	None	None	None	None	None
Value													
Range													

Elem	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00172**	**.00026**	**4.8924**	**-.00644**	**.00218**	**10.055**	**.00152**	**.00288**	**-.19630**
Stddev	.00093	.00017	.0084	.00040	.00056	.036	.00011	.00045	.00209
%RSD	54.263	64.023	.17108	6.2737	25.818	.35598	7.3759	15.710	1.0629
#1	.00238	.00038	4.8865	-.00673	.00178	10.030	.00160	.00320	-.19777
#2	.00106	.00014	4.8983	-.00616	.00258	10.081	.00144	.00256	-.19482
Check ?	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value									
Range									

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4657.1**	**67922.**	**5678.6**
Stddev	22.8	173.	31.8
%RSD	.49055	.25414	.56026
#1	4640.9	67800.	5701.1
#2	4673.2	68044.	5656.1

Sample Name: CCV-1012098 Acquired: 9/29/2011 18:23:39 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50050**	**.51858**	**1.0007**	**.51659**	**.51055**	**.49755**	**-.00289**	**4.8765**	**.50908**	**.51362**	**.51202**	**.51000**
Stddev	.00077	.00175	.0058	.00260	.00055	.00159	.00308	.0033	.00002	.00060	.00054	.00072
%RSD	.15364	.33738	.57885	.50276	.10714	.31900	106.50	.06789	.00300	.11678	.10473	.14095
#1	.50104	.51982	.99658	.51843	.51016	.49643	-.00506	4.8742	.50907	.51320	.51240	.51051
#2	.49996	.51734	1.0048	.51475	.51093	.49868	-.00071	4.8788	.50909	.51404	.51164	.50950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.2337**	**52.680**	**1.0907**	**20.121**	**.51394**	**.50205**	F **5.5992**	**.53176**	**1.0256**	**1.0089**	**.02155**	**.99921**
Stddev	.0011	.057	.0024	.044	.00045	.00046	.0039	.00019	.0008	.0018	.00279	.00130
%RSD	.04777	.10835	.22371	.21816	.08778	.09174	.06987	.03617	.07299	.17456	12.928	.12976
#1	2.2344	52.640	1.0890	20.152	.51425	.50237	5.6019	.53163	1.0251	1.0077	.02352	1.0001
#2	2.2329	52.720	1.0924	20.090	.51362	.50172	5.5964	.53190	1.0261	1.0102	.01958	.99830
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000						5.0000					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98524**	**5.0102**	**1.0657**	**.51242**	**-.00006**	**.48857**	**1.0271**	**.01365**	**.50080**	**.49855**	**.49087**
Stddev	.00351	.0267	.0040	.00148	.00021	.00006	.0014	.02858	.00022	.00087	.00088
%RSD	.35627	.53334	.37655	.28975	364.86	.01224	.13395	209.42	.04357	.17397	.18007
#1	.98772	4.9913	1.0685	.51137	-.00020	.48861	1.0261	-.00656	.50096	.49916	.49150
#2	.98276	5.0291	1.0628	.51347	.00009	.48853	1.0280	.03386	.50065	.49794	.49025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4806.0**	**72103.**	**5649.0**
Stddev	22.6	683.	30.6
%RSD	.47102	.94688	.54083
#1	4822.0	71620.	5627.4
#2	4790.0	72586.	5670.6

Sample Name: CCB Acquired: 9/29/2011 18:26:07 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00057**	**-.00004**	**-.00057**	**.00105**	W **.00065**	**-.00002**	**-.00661**	**-.00778**	**.00019**	**.00024**	**-.00022**
Stddev	.00029	.00047	.00079	.00037	.00008	.00001	.00030	.00252	.00002	.00002	.00016
%RSD	51.605	1334.0	138.19	35.753	12.773	59.324	4.4840	32.355	12.201	7.6296	70.899
#1	.00036	.00030	-.00113	.00131	.00059	-.00001	-.00640	-.00600	.00021	.00022	-.00033
#2	.00078	-.00037	-.00001	.00078	.00071	-.00003	-.00682	-.00956	.00017	.00025	-.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.00058						
Low Limit					-.00058						

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00110**	**-.00400**	F **.29741**	**.00230**	**-.00020**	**-.00008**	W **.00334**	F **.32081**	**.00098**	**.00156**	**.00050**
Stddev	.00043	.00300	.02780	.00072	.00064	.00008	.00124	.00458	.00051	.00096	.00073
%RSD	39.116	74.960	9.3465	31.416	323.59	93.040	37.278	1.4286	52.282	61.649	145.38
#1	-.00080	-.00612	.27775	.00281	.00025	-.00014	.00246	.32405	.00062	.00225	.00101
#2	-.00140	-.00188	.31706	.00179	-.00065	-.00003	.00422	.31757	.00134	.00088	-.00001
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			.25000				.00313	.10000			
Low Limit			-.25000				-.00313	-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01037**	F **.01282**	W **.00542**	**.00324**	**.00132**	**.00000**	**-.00077**	**.00008**	**-.00016**	**.02202**	**.00005**
Stddev	.00062	.00216	.00255	.00980	.00113	.00006	.00050	.00008	.00179	.01022	.00024
%RSD	5.9563	16.810	47.101	302.19	86.034	2647.5	64.916	98.462	1122.7	46.396	443.92
#1	.00993	.01130	.00723	-.00369	.00052	-.00004	-.00112	.00003	-.00142	.02925	.00022
#2	.01081	.01435	.00362	.01017	.00212	.00004	-.00042	.00014	.00110	.01480	-.00012
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00142**	**-.00072**
Stddev	.00045	.00000
%RSD	32.090	.32715
#1	.00174	-.00072
#2	.00110	-.00072
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4768.2**	**73095.**	**5557.9**
Stddev	12.3	551.	42.3
%RSD	.25746	.75421	.76118
#1	4776.8	73484.	5587.8
#2	4759.5	72705.	5528.0

Sample Name: CCVL1018383 Acquired: 9/29/2011 18:28:53 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01100**	**.10711**	**.01340**	**.10067**	**.01046**	**.00108**	**.11498**	**.19422**	**.00517**	**.01065**	**.01036**
Stddev	.00013	.00022	.00270	.00083	.00003	.00013	.00228	.00160	.00001	.00009	.00004
%RSD	1.2139	.20295	20.136	.82051	.25849	12.431	1.9843	.82614	.14919	.81060	.36852
#1	.01091	.10726	.01531	.10008	.01048	.00117	.11337	.19536	.00517	.01071	.01033
#2	.01110	.10695	.01150	.10125	.01044	.00098	.11660	.19309	.00518	.01059	.01039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01538**	**.08958**	**3.4271**	W **.01251**	**.20919**	**.01073**	**.01994**	F **1.3432**	**.04481**	**2.9776**	**.00897**
Stddev	.00014	.00339	.0622	.00074	.00055	.00008	.00005	.0098	.00024	.0032	.00062
%RSD	.91830	3.7845	1.8154	5.9325	.26285	.76145	.25139	.73140	.52609	.10581	6.8588
#1	.01528	.09198	3.4711	.01198	.20958	.01078	.01997	1.3501	.04465	2.9798	.00853
#2	.01548	.08719	3.3831	.01303	.20880	.01067	.01990	1.3362	.04498	2.9753	.00940
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value				.01000				1.0000			
Range				20.000%				30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00934**	W **.01292**	W **.01189**	**.48921**	**.10870**	**.01040**	**.01587**	**.00958**	**.01560**	F **.07917**	**.01015**
Stddev	.00045	.00113	.00300	.00209	.00070	.00017	.00136	.00011	.00031	.03033	.00023
%RSD	4.7743	8.7402	25.246	.42775	.64103	1.6259	8.5591	1.1250	1.9602	38.316	2.2223
#1	.00903	.01372	.00976	.48773	.10821	.01052	.01683	.00951	.01581	.05772	.01031
#2	.00966	.01212	.01401	.49069	.10919	.01028	.01491	.00966	.01538	.10062	.00999
Check ?	None	Chk Warn	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.01000	.01500							.06000	
Range		20.000%	-20.000%							30.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02257**	W **.01193**
Stddev	.00004	.00004
%RSD	.19898	.35577
#1	.02260	.01190
#2	.02253	.01196
Check ?	Chk Pass	Chk Warn
Value		.01500
Range		-20.000%

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4867.5**	**73701.**	**5675.3**
Stddev	2.5	83.	35.2
%RSD	.05085	.11260	.62103
#1	4869.2	73760.	5650.3
#2	4865.7	73643.	5700.2

Sample Name: 280-20671-L-1-B@5 Acquired: 9/29/2011 18:31:33 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00066**	**.00048**	**.01109**	**1.8155**	**.00504**	**-.00025**	**-.00232**	**232.50**	**-.00045**	**.00102**
Stddev	.00029	.00037	.00708	.0000	.00003	.00001	.00192	.11	.00010	.00016
%RSD	43.588	76.275	63.804	.00223	.63271	2.6993	82.658	.04804	21.402	15.706
#1	.00086	.00022	.00609	1.8155	.00507	-.00025	-.00368	232.42	-.00038	.00114
#2	.00046	.00074	.01610	1.8155	.00502	-.00024	-.00097	232.58	-.00052	.00091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00010**	**.00087**	**.00292**	W **138.69**	**1.0049**	**271.99**	**.01982**	**.01797**	W **5683.7**	**.00256**
Stddev	.00002	.00026	.00243	.93	.0070	2.78	.00021	.00009	11.9	.00076
%RSD	23.899	30.027	83.219	.66915	.70129	1.0227	1.0846	.48891	.20892	29.663
#1	-.00012	.00068	.00120	138.03	.99989	273.96	.01997	.01790	5675.3	.00202
#2	-.00008	.00105	.00463	139.35	1.0099	270.02	.01967	.01803	5692.1	.00310
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02132**	**-.00260**	**545.94**	**.00016**	**.00096**	**3.2148**	**-.00268**	**6.6230**	**-.00217**	**-.00191**
Stddev	.00302	.00107	.29	.00079	.00509	.0061	.00024	.0211	.00100	.00068
%RSD	14.160	41.185	.05299	511.24	531.06	.18901	8.8230	.31873	46.011	35.347
#1	.01918	-.00184	545.73	.00072	.00456	3.2191	-.00251	6.6380	-.00146	-.00239
#2	.02345	-.00335	546.14	-.00041	-.00264	3.2105	-.00284	6.6081	-.00288	-.00143
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00050**	**-.00454**	**.00302**	**.00589**	**-.00055**
Stddev	.00008	.01732	.00035	.00050	.00071
%RSD	15.251	381.61	11.635	8.5510	128.89
#1	.00045	-.01679	.00277	.00553	-.00106
#2	.00055	.00771	.00326	.00625	-.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3810.2**	**53353.**	**5291.2**
Stddev	6.9	119.	10.9
%RSD	.18199	.22389	.20600
#1	3815.1	53269.	5283.5
#2	3805.3	53437.	5298.9

Sample Name: 280-20671-L-2-B@5 Acquired: 9/29/2011 18:35:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00133**	**.00078**	**.00608**	**1.7932**	**.00560**	**-.00019**	**-.00095**	**234.89**	**-.00039**	**.00042**
Stddev	.00052	.00007	.00598	.0055	.00014	.00000	.00238	1.52	.00023	.00003
%RSD	39.322	8.8101	98.438	.30809	2.5537	1.9593	250.44	.64734	57.822	6.7130
#1	.00170	.00083	.00185	1.7971	.00570	-.00019	.00073	233.82	-.00023	.00044
#2	.00096	.00073	.01031	1.7893	.00550	-.00020	-.00263	235.97	-.00055	.00040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.00165**	**.02197**	W **142.34**	**1.0464**	**309.95**	**.05253**	**.01663**	W **5668.6**	**.00230**
Stddev	.00013	.00023	.00143	.09	.0020	1.68	.00020	.00007	2.4	.00039
%RSD	1014.5	13.833	6.5231	.06275	.19203	.54071	.38558	.40245	.04226	16.923
#1	.00008	.00148	.02298	142.28	1.0478	308.77	.05239	.01668	5666.9	.00258
#2	-.00011	.00181	.02095	142.40	1.0450	311.14	.05267	.01658	5670.3	.00203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02061**	**-.00221**	**541.08**	**-.00031**	**-.00146**	**2.8737**	**-.00177**	**6.8285**	**-.00331**	**-.00167**
Stddev	.00073	.00021	1.05	.00116	.00107	.0062	.00212	.0061	.00309	.00035
%RSD	3.5366	9.3794	.19339	370.36	73.443	.21613	119.42	.08889	93.398	21.005
#1	.02113	-.00206	541.82	-.00113	-.00070	2.8781	-.00327	6.8328	-.00549	-.00142
#2	.02010	-.00236	540.34	.00051	-.00222	2.8693	-.00028	6.8242	-.00112	-.00191
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00136**	**-.03035**	**.00269**	**.00953**	**.00016**
Stddev	.00044	.01434	.00011	.00042	.00009
%RSD	32.587	47.257	4.0903	4.4472	57.795
#1	.00105	-.02021	.00261	.00983	.00023
#2	.00168	-.04049	.00276	.00923	.00010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3847.7**	**54095.**	**5318.0**
Stddev	11.9	97.	5.6
%RSD	.30905	.17908	.10487
#1	3856.1	54164.	5321.9
#2	3839.3	54027.	5314.0

Sample Name: 280-20671-L-3-B@5 Acquired: 9/29/2011 18:39:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00080**	**-.00013**	**.00391**	**1.7681**	**.00581**	**-.00018**	**-.00429**	**234.43**	**-.00040**	**.00104**
Stddev	.00016	.00079	.00563	.0047	.00030	.00007	.00055	.18	.00020	.00016
%RSD	20.146	603.70	143.93	.26688	5.1394	37.423	12.813	.07816	49.693	15.684
#1	.00068	.00043	-.00007	1.7714	.00602	-.00013	-.00390	234.56	-.00054	.00116
#2	.00091	-.00069	.00789	1.7648	.00560	-.00023	-.00467	234.31	-.00026	.00093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**.00256**	**.01368**	W **141.35**	**1.0479**	**307.15**	**.05532**	**.01604**	W **5664.5**	**.00208**
Stddev	.00001	.00007	.00131	.32	.0054	.01	.00026	.00024	2.6	.00004
%RSD	7.2568	2.8668	9.6072	.22365	.51607	.00332	.46442	1.4956	.04673	1.7883
#1	-.00013	.00261	.01460	141.13	1.0441	307.15	.05514	.01587	5662.7	.00205
#2	-.00011	.00251	.01275	141.57	1.0518	307.14	.05551	.01621	5666.4	.00211
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02202**	**-.00170**	**534.14**	**-.00279**	**.00028**	**2.8567**	**-.00237**	**6.9102**	**-.00644**	**-.00226**
Stddev	.00241	.00074	.91	.00103	.00188	.0065	.00000	.0672	.00048	.00007
%RSD	10.935	43.801	.16994	36.817	677.23	.22702	.12231	.97275	7.4609	2.9157
#1	.02373	-.00222	534.79	-.00352	.00160	2.8613	-.00237	6.8627	-.00678	-.00222
#2	.02032	-.00117	533.50	-.00206	-.00105	2.8521	-.00237	6.9578	-.00610	-.00231
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**.01444**	**.00244**	**.00978**	**-.00272**
Stddev	.00098	.00525	.00015	.00018	.00289
%RSD	480.46	36.380	5.9442	1.8702	106.04
#1	.00049	.01815	.00234	.00965	-.00068
#2	-.00090	.01072	.00254	.00991	-.00477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3839.0**	**54071.**	**5246.8**
Stddev	4.8	156.	25.5
%RSD	.12596	.28838	.48509
#1	3842.4	54182.	5228.8
#2	3835.5	53961.	5264.8

Sample Name: 280-20671-L-4-E@5 Acquired: 9/29/2011 18:42:51 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00112**	**.00343**	**.00574**	**1.4997**	**.00522**	**-.00012**	**-.00225**	**239.72**	**-.00023**	**.00097**
Stddev	.00040	.00028	.00017	.0129	.00010	.00000	.00058	.13	.00008	.00010
%RSD	35.774	8.2962	2.8985	.85786	1.9554	4.0644	25.933	.05490	33.772	10.064
#1	.00084	.00363	.00562	1.5088	.00515	-.00012	-.00183	239.63	-.00017	.00090
#2	.00140	.00323	.00585	1.4906	.00529	-.00011	-.00266	239.82	-.00028	.00104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00039**	**.00105**	**.00288**	W **166.79**	**1.1662**	**300.28**	**.00059**	**.01152**	W **6284.8**	**.00253**
Stddev	.00014	.00018	.00045	.30	.0026	1.91	.00009	.00016	.1	.00013
%RSD	35.345	17.068	15.666	.18133	.22048	.63712	14.887	1.3985	.00122	4.9761
#1	.00030	.00117	.00256	166.58	1.1644	298.92	.00066	.01163	6284.9	.00244
#2	.00049	.00092	.00320	167.01	1.1680	301.63	.00053	.01141	6284.8	.00262
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02307**	**-.00265**	**544.56**	**-.00221**	**.00012**	**2.8238**	**-.00230**	**6.7783**	**-.00364**	**-.00203**
Stddev	.00067	.00184	3.72	.00121	.00129	.0001	.00137	.0646	.00075	.00099
%RSD	2.8943	69.428	.68270	54.490	1042.8	.00272	59.566	.95367	20.646	48.745
#1	.02260	-.00135	547.19	-.00307	.00103	2.8238	-.00133	6.8240	-.00311	-.00133
#2	.02354	-.00395	541.93	-.00136	-.00079	2.8239	-.00327	6.7326	-.00417	-.00272
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00076**	**-.01887**	**.00294**	**.00315**	**.00069**
Stddev	.00198	.00958	.00025	.00045	.00113
%RSD	259.52	50.753	8.5526	14.358	164.11
#1	-.00064	-.02565	.00276	.00283	-.00011
#2	.00216	-.01210	.00312	.00347	.00149
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3781.1**	**52929.**	**5198.5**
Stddev	3.7	277.	19.5
%RSD	.09834	.52264	.37460
#1	3778.5	53124.	5212.2
#2	3783.7	52733.	5184.7

Sample Name: 280-20671-L-4-Esd@25 Acquired: 9/29/2011 18:46:35 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**-.00044**	**.00170**	**.31320**	**.00136**	**-.00006**	**-.00338**	**50.285**	**-.00020**	**.00066**
Stddev	.00103	.00111	.00185	.00080	.00039	.00005	.00290	.071	.00021	.00045
%RSD	176.57	252.18	108.59	.25473	28.394	75.453	85.871	.14029	108.11	67.942
#1	.00131	.00034	.00301	.31376	.00164	-.00003	-.00133	50.335	-.00035	.00098
#2	-.00014	-.00122	.00040	.31263	.00109	-.00010	-.00542	50.235	-.00005	.00034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00000**	**.00130**	**-.00275**	**31.932**	**.22176**	**60.083**	**.00010**	**.00175**	W **1249.9**	**.00175**
Stddev	.00005	.00021	.00087	.038	.00115	.100	.00001	.00022	.6	.00001
%RSD	1026.1	15.911	31.518	.11853	.51710	.16692	14.146	12.514	.05010	.35217
#1	-.00003	.00115	-.00336	31.905	.22257	60.154	.00009	.00190	1249.4	.00176
#2	.00004	.00144	-.00213	31.959	.22095	60.012	.00011	.00159	1250.3	.00175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00236**	**-.00186**	**107.32**	**.00184**	**-.00033**	**.56289**	**-.00115**	**1.3941**	**-.00232**	**-.00110**
Stddev	.00051	.00006	.06	.00104	.00281	.01792	.00031	.0003	.00046	.00028
%RSD	21.647	3.3230	.05470	56.486	858.08	3.1841	27.010	.01786	19.756	25.959
#1	.00200	-.00181	107.36	.00258	-.00232	.55021	-.00093	1.3943	-.00264	-.00090
#2	.00273	-.00190	107.28	.00111	.00166	.57556	-.00136	1.3939	-.00199	-.00130
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00142**	**.03120**	**.00125**	**.00238**	**-.00012**
Stddev	.00072	.00702	.00051	.00043	.00390
%RSD	50.554	22.508	41.287	18.054	3250.4
#1	.00091	.03617	.00088	.00208	.00264
#2	.00193	.02624	.00161	.00268	-.00288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4362.8**	**62796.**	**5376.4**
Stddev	16.4	112.	31.4
%RSD	.37563	.17909	.58337
#1	4374.4	62717.	5398.6
#2	4351.2	62876.	5354.2

Sample Name: 280-20671-L-4-FMS@5 Acquired: 9/29/2011 18:50:10 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01234**	**.37554**	**.22962**	**1.7115**	**.42000**	**.00942**	**.45251**	**246.50**	**.01991**	**.09722**
Stddev	.00084	.00092	.00070	.0013	.00199	.00010	.00461	.80	.00014	.00022
%RSD	6.8305	.24454	.30613	.07442	.47281	1.0972	1.0184	.32337	.68295	.22793
#1	.01294	.37619	.23012	1.7124	.41860	.00949	.45577	247.06	.02001	.09737
#2	.01175	.37489	.22912	1.7106	.42140	.00935	.44925	245.93	.01982	.09706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04008**	**.05474**	**.17125**	W **180.92**	**1.4215**	**312.59**	**.10494**	**.21341**	W **6393.0**	**.10192**
Stddev	.00003	.00015	.00445	1.34	.0044	.61	.00025	.00069	29.3	.00075
%RSD	.08026	.26563	2.6001	.74215	.31185	.19629	.24250	.32271	.45881	.73560
#1	.04010	.05484	.16810	179.97	1.4184	313.03	.10512	.21390	6372.3	.10245
#2	.04006	.05464	.17439	181.87	1.4246	312.16	.10476	.21292	6413.8	.10139
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.3484**	**.08832**	**550.39**	**.10683**	**.42804**	**4.8311**	**.39619**	**7.1438**	**.20031**	**.20548**
Stddev	.0029	.00089	1.10	.00158	.00169	.0087	.00033	.0815	.00227	.00014
%RSD	.12254	1.0085	.20023	1.4775	.39513	.17974	.08299	1.1416	1.1346	.06741
#1	2.3463	.08895	551.17	.10572	.42684	4.8249	.39642	7.0862	.20192	.20538
#2	2.3504	.08769	549.61	.10795	.42923	4.8372	.39596	7.2015	.19870	.20558
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.34038**	**.41448**	**.10997**	**.10902**	**.09144**
Stddev	.00159	.00655	.00077	.00032	.00003
%RSD	.46841	1.5799	.69658	.29203	.02865
#1	.34151	.40985	.10943	.10880	.09146
#2	.33925	.41911	.11051	.10925	.09143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3778.4**	**53033.**	**5062.9**
Stddev	9.1	142.	66.4
%RSD	.23962	.26850	1.3117
#1	3784.8	52932.	5109.8
#2	3772.0	53134.	5015.9

Sample Name: 280-20671-L-4-GMSD@5 Acquired: 9/29/2011 18:53:55 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 88026 6010

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01289**	**.38499**	**.23542**	**1.7885**	**.43929**	**.00969**	**.46814**	**258.39**	**.02083**	**.10058**
Stddev	.00002	.00402	.00580	.0027	.00130	.00005	.00134	3.56	.00017	.00062
%RSD	.14304	1.0454	2.4630	.14920	.29493	.52029	.28702	1.3762	.80254	.61549
#1	.01288	.38784	.23952	1.7904	.43837	.00973	.46719	255.88	.02095	.10101
#2	.01291	.38214	.23132	1.7866	.44021	.00966	.46909	260.90	.02071	.10014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04148**	**.05802**	**.17425**	W **192.06**	**1.4995**	**330.01**	**.10919**	**.22188**	W **6763.7**	**.10472**
Stddev	.00041	.00019	.00409	.93	.0015	3.02	.00012	.00121	11.8	.00054
%RSD	.99883	.32773	2.3451	.48550	.09772	.91546	.10746	.54442	.17473	.51830
#1	.04177	.05815	.17136	191.40	1.5006	327.87	.10927	.22273	6755.3	.10510
#2	.04119	.05788	.17714	192.72	1.4985	332.15	.10910	.22102	6772.0	.10433
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.4334**	**.09017**	**573.78**	**.10999**	**.44639**	**4.9453**	**.40983**	**7.5249**	**.21180**	**.21485**
Stddev	.0050	.00174	.95	.00252	.00155	.0430	.00271	.0137	.00083	.00076
%RSD	.20430	1.9304	.16478	2.2868	.34770	.86968	.66225	.18255	.39109	.35292
#1	2.4299	.08894	574.45	.11177	.44748	4.9149	.41175	7.5347	.21239	.21539
#2	2.4369	.09140	573.12	.10821	.44529	4.9757	.40792	7.5152	.21122	.21432
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.35280**	**.39963**	**.11489**	**.11288**	**.09345**
Stddev	.00369	.01815	.00006	.00014	.00011
%RSD	1.0454	4.5416	.04885	.12421	.12294
#1	.35541	.38680	.11485	.11298	.09337
#2	.35019	.41247	.11493	.11278	.09353
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**3775.3**	**52311.**	**5023.9**
Stddev	20.2	376.	62.7
%RSD	.53473	.71844	1.2481
#1	3761.0	52577.	5068.2
#2	3789.6	52045.	4979.5

Sample Name: CCVH-1018440 Acquired: 9/29/2011 18:57:41 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **-.00515**	**47.364**	k **.00068**	**.00663**	k **.00058**	k **-.00017**	k **1.0350**	k **-.02286**	k **-.00124**	k **.00212**	k **.00014**
Stddev	.00013	.055	.00426	.00019	.00026	.00010	.0103	.00057	.00003	.00017	.00009
%RSD	2.5281	.11709	626.78	2.9212	44.168	58.245	.99910	2.5071	2.3199	7.8783	61.615
#1	k -.00524	47.403	k .00369	.00649	k .00040	k -.00010	k 1.0423	k -.02327	k -.00126	k .00224	k .00008
#2	k -.00505	47.325	k -.00233	.00677	k .00076	k -.00024	k 1.0277	k -.02246	k -.00122	k .00200	k .00020
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None
Value											
Range											

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.01519**	kF **44.233**	**.23765**	k **.00335**	k **-.28383**	**-.00035**	**-.00190**	F **276.38**	**.00146**	**.00258**	k **.00540**
Stddev	.00010	.044	.03438	.00314	.00076	.00004	.00009	1.02	.00029	.00008	.00073
%RSD	.69047	.09979	14.468	93.703	.26776	10.990	4.8323	.36996	19.722	3.2033	13.486
#1	k .01512	k 44.264	.26197	k .00113	k -.28329	-.00033	-.00196	277.11	.00166	.00252	k .00488
#2	k .01526	k 44.202	.21334	k .00557	k -.28436	-.00038	-.00183	275.66	.00125	.00264	k .00591
Check ?	None	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None
Value		50.000						250.00			
Range		-10.000%						10.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.0733**	k **-.02082**	k **-.01341**	k **.02129**	k **.00199**	**.00040**	k **5.1938**	k **.02827**	k **-.00555**	k **10.102**	k **.00261**
Stddev	.0214	.00039	.00034	.00128	.00037	.00006	.0028	.00005	.00040	.001	.00075
%RSD	.42188	1.8872	2.5259	6.0005	18.397	15.877	.05402	.18555	7.2868	.01050	28.703
#1	5.0884	k -.02054	k -.01317	k .02219	k .00225	.00044	k 5.1958	k .02831	k -.00527	k 10.102	k .00314
#2	5.0582	k -.02110	k -.01365	k .02038	k .00173	.00035	k 5.1918	k .02824	k -.00584	k 10.103	k .00208
Check ?	None	None	None	None	None	None	Chk Pass	None	None	Chk Pass	None
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	k **.00238**	k **.12633**
Stddev	.00048	.00029
%RSD	20.162	.22828
#1	.00204	k .12612
#2	k .00272	k .12653
Check ?	None	None
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4704.1**	**69455.**	**5430.9**
Stddev	5.1	331.	5.7
%RSD	.10868	.47592	.10496
#1	4700.5	69221.	5434.9
#2	4707.7	69689.	5426.9

Sample Name: CCV-1012098 Acquired: 9/29/2011 19:00:21 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50148**	**.51511**	**1.0001**	**.52071**	**.51972**	**.48645**	**-.00482**	**4.7833**	**.50918**	**.51263**	**.51075**	**.51315**
Stddev	.00084	.00020	.0025	.00220	.00364	.00261	.00038	.0199	.00170	.00106	.00055	.00013
%RSD	.16680	.03970	.25358	.42221	.70048	.53691	7.8231	.41524	.33474	.20637	.10694	.02439
#1	.50208	.51525	1.0019	.52227	.52229	.48829	-.00455	4.7974	.51039	.51338	.51114	.51324
#2	.50089	.51496	.99829	.51916	.51714	.48460	-.00509	4.7693	.50798	.51188	.51037	.51306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.0941**	**54.149**	F **1.1224**	**20.112**	**.51291**	**.50209**	F **6.0304**	**.53005**	**1.0188**	**1.0057**	**.03567**	**1.0004**
Stddev	.0049	.269	.0040	.039	.00034	.00224	.0507	.00071	.0044	.0001	.00355	.0041
%RSD	.23534	.49661	.35954	.19371	.06591	.44669	.84145	.13345	.43405	.00855	9.9491	.41400
#1	2.0976	54.339	1.1252	20.140	.51315	.50367	6.0662	.53055	1.0219	1.0056	.03817	1.0034
#2	2.0906	53.958	1.1195	20.085	.51267	.50050	5.9945	.52955	1.0156	1.0057	.03316	.99750
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98874**	**4.8015**	**1.0584**	**.51775**	**-.00141**	**.48931**	**1.0255**	**-.00794**	**.50275**	**.49874**	**.48769**
Stddev	.00373	.0151	.0017	.00248	.00152	.00165	.0019	.01843	.00065	.00040	.00058
%RSD	.37726	.31429	.16419	.47851	107.92	.33795	.18516	232.13	.13012	.07999	.11989
#1	.99138	4.8122	1.0597	.51950	-.00249	.49048	1.0268	.00509	.50322	.49902	.48811
#2	.98610	4.7908	1.0572	.51600	-.00033	.48814	1.0241	-.02097	.50229	.49846	.48728
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4823.0**	**72469.**	**5459.4**
Stddev	4.9	414.	22.0
%RSD	.10159	.57098	.40380
#1	4826.5	72176.	5443.8
#2	4819.5	72762.	5475.0

Sample Name: CCB Acquired: 9/29/2011 19:02:50 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00127**	**-.00005**	**.00314**	F **.00413**	**.00058**	**-.00003**	**-.00712**	**-.00849**	**.00010**	**.00009**	**-.00017**
Stddev	.00023	.00004	.00040	.00000	.00008	.00004	.00004	.00020	.00006	.00029	.00005
%RSD	18.044	85.793	12.580	.12023	14.159	161.74	.58269	2.3701	56.062	338.50	29.387
#1	.00143	-.00007	.00342	.00412	.00052	-.00005	-.00709	-.00834	.00006	.00029	-.00021
#2	.00111	-.00002	.00286	.00413	.00063	.00000	-.00715	-.00863	.00014	-.00012	-.00014
Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.00093			.00312							
Low Limit	-.00093			-.00312							

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00073**	**-.00360**	**.06130**	W **.00325**	**-.00034**	**-.00010**	**.00307**	F **.69431**	**.00059**	**.00165**	**-.00052**
Stddev	.00009	.00127	.03313	.00094	.00094	.00000	.00044	.00393	.00005	.00271	.00072
%RSD	12.151	35.348	54.047	28.824	277.94	2.7880	14.417	.56667	8.1218	165.03	137.92
#1	-.00079	-.00450	.03787	.00259	.00033	-.00011	.00276	.69709	.00055	-.00027	-.00103
#2	-.00067	-.00270	.08473	.00391	-.00101	-.00010	.00338	.69153	.00062	.00356	-.00001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit				.00261				.10000			
Low Limit				-.00261				-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01952**	F **.01353**	W **.00643**	**-.01059**	**.00100**	**-.00003**	**.00100**	**-.00001**	**-.00163**	**-.00015**	**-.00006**
Stddev	.00165	.00105	.00043	.00787	.00043	.00006	.00120	.00002	.00070	.01487	.00007
%RSD	8.4706	7.7526	6.7066	74.350	43.490	161.92	119.71	336.31	43.019	9650.9	106.04
#1	.02069	.01278	.00613	-.01616	.00069	-.00007	.00015	-.00002	-.00213	.01036	-.00011
#2	.01835	.01427	.00674	-.00502	.00130	.00000	.00184	.00001	-.00114	-.01067	-.00002
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00128**	**-.00202**
Stddev	.00006	.00117
%RSD	4.8953	57.723
#1	.00132	-.00285
#2	.00123	-.00120
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4817.8**	**73206.**	**5395.0**
Stddev	4.4	564.	6.6
%RSD	.09081	.77095	.12252
#1	4814.7	72807.	5390.3
#2	4820.9	73605.	5399.7

Sample Name: CCVL1018383 Acquired: 9/29/2011 19:05:34 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01082**	**.10519**	**.01500**	**.10281**	**.01065**	**.00094**	**.11442**	**.18664**	**.00511**	**.01081**	**.01018**
Stddev	.00011	.00091	.00383	.00008	.00002	.00001	.00063	.00425	.00013	.00014	.00001
%RSD	1.0175	.86280	25.497	.07904	.16026	1.0947	.54921	2.2764	2.5373	1.3149	.09961
#1	.01090	.10583	.01771	.10287	.01064	.00094	.11487	.18964	.00502	.01071	.01019
#2	.01074	.10455	.01230	.10275	.01066	.00095	.11398	.18363	.00520	.01091	.01017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01503**	W **.07898**	**3.3849**	F **.01463**	**.20390**	**.01050**	**.01991**	F **1.7395**	**.04351**	**2.9450**	**.01000**
Stddev	.00020	.00001	.0487	.00146	.00205	.00006	.00035	.1091	.00053	.0038	.00032
%RSD	1.3070	.01097	1.4383	9.9537	1.0036	.59280	1.7423	6.2710	1.2178	.12862	3.2202
#1	.01489	.07897	3.4193	.01360	.20535	.01054	.01967	1.8166	.04389	2.9423	.00977
#2	.01517	.07899	3.3505	.01566	.20245	.01046	.02016	1.6624	.04314	2.9477	.01023
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000				1.0000			
Range		-20.000%		30.000%				30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01127**	**.01195**	**.01459**	**.46499**	**.10640**	**.01053**	**.01627**	**.00952**	**.01555**	**.07131**	**.00997**
Stddev	.00063	.00150	.00330	.00549	.00050	.00008	.00089	.00031	.00065	.03580	.00003
%RSD	5.5778	12.548	22.584	1.1805	.47270	.80163	5.4780	3.2288	4.2130	50.203	.31228
#1	.01083	.01301	.01226	.46111	.10604	.01059	.01690	.00974	.01508	.04600	.00999
#2	.01172	.01089	.01692	.46887	.10675	.01047	.01564	.00931	.01601	.09663	.00995
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02129**	**.01422**
Stddev	.00058	.00073
%RSD	2.7211	5.1457
#1	.02170	.01371
#2	.02088	.01474
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4885.4**	**74470.**	**5544.7**
Stddev	5.3	357.	6.1
%RSD	.10949	.47991	.10949
#1	4881.7	74218.	5549.0
#2	4889.2	74723.	5540.4

Sample Name: MB 280-87687/1-A Acquired: 9/29/2011 19:08:14 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00057**	**.00312**	**-.00011**	**.00169**	**.00122**	**.00003**	**-.00451**	**.09940**	**.00001**	**.00020**
Stddev	.00007	.00018	.00206	.00016	.00004	.00013	.00079	.00098	.00001	.00018
%RSD	12.733	5.8938	1839.7	9.7121	3.2816	441.66	17.525	.98296	100.34	90.729
#1	.00052	.00299	.00135	.00180	.00119	-.00006	-.00507	.09871	.00000	.00033
#2	.00062	.00325	-.00157	.00157	.00125	.00012	-.00395	.10009	.00002	.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00008**	**-.00022**	**.00594**	**.05252**	**.00104**	**.01822**	**.00023**	**-.00038**	W **.95555**	**.00054**
Stddev	.00008	.00005	.00162	.01157	.00282	.00088	.00003	.00011	.00815	.00006
%RSD	100.21	23.115	27.271	22.020	272.02	4.8159	14.116	28.735	.85316	10.243
#1	.00002	-.00026	.00708	.04435	-.00096	.01884	.00026	-.00046	.94978	.00050
#2	.00014	-.00018	.00479	.06070	.00303	.01760	.00021	-.00030	.96131	.00058
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									.50000	
Low Limit									-.50000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00278**	**-.00085**	**.04878**	**.00184**	**-.00158**	**.00128**	**.00929**	**.00017**	**.00080**	**.00048**
Stddev	.00175	.00232	.00072	.00191	.00006	.01249	.00015	.00016	.00005	.00017
%RSD	62.815	272.44	1.4735	104.17	3.5588	976.35	1.5656	89.580	6.6454	35.641
#1	.00154	.00079	.04827	.00048	-.00162	.01011	.00919	.00006	.00083	.00059
#2	.00401	-.00250	.04929	.00319	-.00154	-.00755	.00939	.00028	.00076	.00036
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00084**	**.01537**	**.00004**	**.00242**	**-.00100**
Stddev	.00027	.02971	.00029	.00029	.00142
%RSD	31.877	193.34	740.87	12.134	142.55
#1	-.00102	.03638	-.00016	.00262	-.00200
#2	-.00065	-.00564	.00024	.00221	.00001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4994.3**	**75844.**	**5706.8**
Stddev	12.9	75.	5.2
%RSD	.25899	.09852	.09082
#1	4985.1	75791.	5710.4
#2	5003.4	75897.	5703.1

Sample Name: LCS 280-87687/2-A Acquired: 9/29/2011 19:10:59 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04625**	**1.8776**	**.96715**	**.96227**	**2.0292**	**.04699**	**2.1568**	**45.724**	**.09178**	**.48807**
Stddev	.00033	.0039	.00420	.00116	.0017	.00019	.0008	.066	.00019	.00172
%RSD	.70649	.20716	.43435	.12089	.08440	.41019	.03964	.14537	.20796	.35156
#1	.04648	1.8804	.96418	.96309	2.0304	.04712	2.1574	45.771	.09192	.48929
#2	.04602	1.8749	.97012	.96145	2.0280	.04685	2.1562	45.677	.09165	.48686
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19823**	**.24914**	F **.81370**	**52.797**	**1.0804**	**47.793**	**.49131**	**.97103**	**55.945**	**.50022**
Stddev	.00024	.00031	.00115	.016	.0008	.104	.00087	.00286	.433	.00080
%RSD	.12053	.12268	.14117	.03106	.07044	.21782	.17715	.29407	.77476	.15944
#1	.19840	.24892	.81451	52.809	1.0809	47.720	.49070	.97305	56.251	.50078
#2	.19807	.24935	.81289	52.786	1.0798	47.867	.49193	.96901	55.638	.49965
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			1.2000							
Low Limit			.87000							

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.023**	**.48071**	**.04928**	**.47641**	**1.9198**	**1.8406**	**2.0050**	**1.0165**	**.95681**	**.95898**
Stddev	.005	.00129	.00473	.00448	.0075	.0070	.0013	.0011	.00287	.00183
%RSD	.04967	.26861	9.6007	.93943	.38854	.37904	.06636	.10559	.29952	.19101
#1	10.027	.47979	.04593	.47958	1.9251	1.8357	2.0060	1.0173	.95479	.95769
#2	10.020	.48162	.05262	.47325	1.9145	1.8455	2.0041	1.0158	.95884	.96028
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9677**	**2.0315**	**.49568**	**.47393**	**.43485**
Stddev	.0067	.0029	.00154	.00011	.00329
%RSD	.33945	.14533	.31129	.02292	.75653
#1	1.9724	2.0336	.49459	.47385	.43718
#2	1.9630	2.0294	.49678	.47401	.43253
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4702.8**	**70799.**	**5576.5**
Stddev	3.9	329.	26.1
%RSD	.08333	.46505	.46721
#1	4700.0	71032.	5558.1
#2	4705.5	70566.	5595.0

Sample Name: 280-20577-A-2-F Acquired: 9/29/2011 19:13:27 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00106**	**130.51**	**.06609**	**.03168**	**.60288**	**.00665**	**.01130**	**30.948**	**.00085**	**.10869**
Stddev	.00056	.51	.00099	.00005	.00155	.00004	.00221	.081	.00006	.00006
%RSD	53.086	.39335	1.4961	.15287	.25707	.52955	19.538	.26070	7.4668	.05423
#1	-.00146	130.87	.06539	.03164	.60398	.00662	.00974	31.005	.00089	.10873
#2	-.00066	130.15	.06679	.03171	.60178	.00667	.01286	30.891	.00080	.10864
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20809**	**.12134**	**183.70**	**27.619**	**.39569**	**46.063**	**3.2355**	**.00630**	**7.1403**	**.17548**
Stddev	.00036	.00071	.39	.071	.00161	.024	.0011	.00057	.0338	.00043
%RSD	.17310	.58705	.21160	.25646	.40642	.05231	.03524	8.9917	.47343	.24510
#1	.20834	.12184	183.97	27.669	.39455	46.080	3.2363	.00590	7.1642	.17517
#2	.20783	.12084	183.42	27.569	.39683	46.046	3.2346	.00670	7.1164	.17578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.5978**	**.08709**	**.23844**	**.00020**	**.00690**	**1.8313**	**.00483**	**.12210**	**.11352**	**6.3436**
Stddev	.0004	.00091	.00242	.00458	.00208	.0144	.00067	.00039	.00075	.0019
%RSD	.01602	1.0394	1.0144	2336.7	30.161	.78817	13.895	.31599	.65933	.02959
#1	2.5981	.08773	.24015	-.00304	.00543	1.8415	.00436	.12237	.11299	6.3449
#2	2.5975	.08645	.23673	.00344	.00838	1.8210	.00531	.12183	.11405	6.3423
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00378**	W **-.07855**	**.35606**	**.61774**	**.03101**
Stddev	.00097	.00490	.00001	.00046	.00048
%RSD	25.751	6.2340	.00276	.07427	1.5627
#1	.00447	-.08201	.35606	.61806	.03135
#2	.00309	-.07509	.35607	.61741	.03067
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5399.1**	**80206.**	**6275.3**
Stddev	3.0	40.	72.7
%RSD	.05595	.05004	1.1583
#1	5396.9	80177.	6223.9
#2	5401.2	80234.	6326.7

Sample Name: sd 280-20577-A-2-F@5 Acquired: 9/29/2011 19:16:07 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00015**	**29.514**	**.01333**	**.00801**	**.13633**	**.00154**	**.00139**	**6.9950**	**.00018**	**.02512**
Stddev	.00007	.013	.00377	.00020	.00039	.00004	.00245	.0280	.00004	.00005
%RSD	44.712	.04562	28.280	2.4619	.28314	2.6568	177.00	.39972	20.206	.19989
#1	.00010	29.524	.01600	.00815	.13606	.00157	-.00035	6.9753	.00020	.02508
#2	.00020	29.504	.01067	.00787	.13661	.00151	.00312	7.0148	.00015	.02515
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04637**	**.02642**	**39.366**	**6.2231**	**.09111**	**10.466**	**.74160**	**.00069**	**1.8070**	**.04055**
Stddev	.00028	.00032	.131	.0014	.00390	.014	.00025	.00018	.0072	.00020
%RSD	.60072	1.2139	.33220	.02208	4.2807	.13539	.03330	25.738	.39611	.48198
#1	.04657	.02619	39.274	6.2221	.08836	10.476	.74177	.00056	1.8121	.04069
#2	.04618	.02664	39.459	6.2240	.09387	10.456	.74142	.00081	1.8020	.04041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.57391**	**.01928**	**.05426**	**.00188**	**-.00130**	**.40027**	**.00141**	**.02754**	**.02647**	**1.3992**
Stddev	.00161	.00050	.00351	.00016	.00018	.00084	.00063	.00005	.00061	.0013
%RSD	.28061	2.5989	6.4715	8.4717	13.898	.20911	44.710	.16343	2.3111	.09060
#1	.57504	.01892	.05178	.00177	-.00117	.40087	.00096	.02757	.02604	1.4001
#2	.57277	.01963	.05674	.00199	-.00143	.39968	.00185	.02751	.02691	1.3984
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00152**	**-.02405**	**.07932**	**.14098**	**.00520**
Stddev	.00003	.01528	.00011	.00024	.00164
%RSD	1.6938	63.542	.13350	.16713	31.474
#1	.00154	-.01325	.07939	.14115	.00636
#2	.00150	-.03486	.07924	.14081	.00404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5052.5**	**74853.**	**5676.0**
Stddev	3.4	764.	10.9
%RSD	.06664	1.0212	.19275
#1	5050.1	74313.	5683.7
#2	5054.8	75394.	5668.3

Sample Name: 280-20577-A-2-G MS Acquired: 9/29/2011 19:18:43 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04009**	**181.88**	**.90671**	**.83735**	**2.4012**	**.04824**	**1.9134**	**70.319**	**.08239**	**.48089**
Stddev	.00015	.35	.00506	.00062	.0039	.00014	.0012	.048	.00016	.00007
%RSD	.38600	.19109	.55843	.07453	.16155	.29728	.06178	.06864	.19304	.01550
#1	.04020	182.13	.91029	.83691	2.4039	.04834	1.9125	70.353	.08227	.48084
#2	.03998	181.64	.90313	.83780	2.3984	.04814	1.9142	70.285	.08250	.48094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.40638**	**.35319**	**194.79**	**78.202**	**1.3810**	**94.301**	**2.8220**	**.81079**	**56.990**	**.59569**
Stddev	.00009	.00072	.43	.020	.0043	.367	.0079	.00030	.032	.00135
%RSD	.02231	.20265	.21928	.02546	.30860	.38926	.27948	.03712	.05633	.22600
#1	.40632	.35369	195.09	78.188	1.3840	94.561	2.8275	.81100	57.013	.59473
#2	.40645	.35268	194.49	78.216	1.3780	94.042	2.8164	.81058	56.968	.59664
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.237**	**.49739**	**.23995**	**.14822**	**1.6712**	**5.2829**	**1.6220**	**1.0258**	**.97527**	**8.6609**
Stddev	.008	.00100	.00500	.00295	.0003	.0662	.0011	.0005	.00276	.0301
%RSD	.07194	.20106	2.0856	1.9905	.01708	1.2540	.06517	.04458	.28287	.34771
#1	11.232	.49668	.23641	.15031	1.6710	5.3297	1.6213	1.0262	.97722	8.6822
#2	11.243	.49809	.24349	.14614	1.6714	5.2360	1.6228	1.0255	.97331	8.6396
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6532**	**1.7178**	**.87587**	**1.0810**	**.41887**
Stddev	.0037	.0266	.00350	.0037	.00336
%RSD	.22127	1.5507	.39966	.33769	.80154
#1	1.6506	1.7366	.87834	1.0836	.42124
#2	1.6558	1.6989	.87339	1.0784	.41650
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5243.1**	**75512.**	**6206.5**
Stddev	.3	602.	2.6
%RSD	.00532	.79781	.04130
#1	5243.3	75086.	6208.3
#2	5242.9	75938.	6204.7

Sample Name: 280-20577-A-2-H MSD Acquired: 9/29/2011 19:21:10 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03982**	**187.47**	**.91890**	**.84032**	**3.2729**	**.04863**	**1.9127**	**69.600**	**.08218**	**.48475**
Stddev	.00115	.56	.00350	.00035	.0143	.00018	.0075	.185	.00034	.00002
%RSD	2.8968	.29716	.38087	.04186	.43672	.36040	.39127	.26621	.40908	.00413
#1	.03901	187.86	.91643	.84007	3.2830	.04876	1.9179	69.731	.08242	.48474
#2	.04064	187.07	.92137	.84057	3.2628	.04851	1.9074	69.469	.08194	.48477
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.42905**	**.36489**	**206.24**	**80.654**	**1.4135**	**96.427**	**2.9669**	**.81066**	**57.526**	**.61025**
Stddev	.00065	.00051	.86	.179	.0064	.195	.0020	.00068	.251	.00047
%RSD	.15168	.13999	.41650	.22169	.45313	.20251	.06608	.08441	.43599	.07696
#1	.42951	.36453	206.85	80.780	1.4181	96.289	2.9683	.81115	57.704	.60992
#2	.42859	.36525	205.63	80.527	1.4090	96.565	2.9655	.81018	57.349	.61059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.487**	**.49535**	**.41423**	**.15030**	**1.6748**	**5.5156**	**1.6173**	**1.0442**	**.98446**	**9.0869**
Stddev	.002	.00098	.00117	.00029	.0020	.0209	.0015	.0056	.00697	.0028
%RSD	.01868	.19729	.28186	.19277	.11791	.37796	.09408	.54042	.70835	.03059
#1	11.486	.49466	.41340	.15051	1.6734	5.5304	1.6162	1.0482	.97953	9.0889
#2	11.489	.49604	.41505	.15010	1.6762	5.5009	1.6184	1.0402	.98940	9.0850
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6449**	**1.6913**	**.89054**	**1.1043**	**.41569**
Stddev	.0010	.0177	.00163	.0027	.00010
%RSD	.06002	1.0448	.18358	.24599	.02445
#1	1.6456	1.7037	.88938	1.1023	.41561
#2	1.6442	1.6788	.89170	1.1062	.41576
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5244.2**	**77025.**	**6213.7**
Stddev	33.0	61.	22.4
%RSD	.62835	.07922	.36112
#1	5267.5	77068.	6229.6
#2	5220.9	76982.	6197.8

Sample Name: CCVH-1018440 Acquired: 9/29/2011 19:23:47 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **-.00585**	**47.391**	k **.00216**	**.00489**	k **.00165**	k **-.00005**	k **1.0343**	k **-.02337**	k **-.00143**	k **.00239**	k **.00022**
Stddev	.00029	.038	.00048	.00042	.00003	.00006	.0006	.00254	.00025	.00012	.00012
%RSD	4.9380	.07987	22.367	8.6239	2.0558	122.39	.05876	10.877	17.541	5.1625	52.801
#1	k -.00565	47.364	k .00181	.00519	k .00163	k -.00009	k 1.0338	k -.02158	k -.00126	k .00230	k .00030
#2	k -.00605	47.418	k .00250	.00459	k .00167	k -.00001	k 1.0347	k -.02517	k -.00161	k .00248	k .00014
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None
Value											
Range											

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.01496**	kF **44.064**	**.18820**	k **.00358**	k **-.27850**	**-.00034**	**.00184**	F **276.20**	**.00101**	**.00536**	k **.00480**
Stddev	.00002	.110	.01025	.00269	.00199	.00002	.00061	.31	.00088	.00240	.00112
%RSD	.14217	.24909	5.4475	75.155	.71295	6.1551	33.267	.11160	87.509	44.824	23.336
#1	k .01494	k 44.142	.18095	k .00168	k -.27990	-.00036	.00141	276.42	.00163	.00366	k .00401
#2	k .01497	k 43.987	.19545	k .00548	k -.27709	-.00033	.00227	275.98	.00038	.00707	k .00559
Check ?	None	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None
Value		50.000						250.00			
Range		-10.000%						10.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9719**	k **-.01935**	k **-.00571**	k **.02116**	k **.00365**	**.00037**	k **5.1816**	k **.03167**	k **-.00417**	k **10.064**	k **.00212**
Stddev	.0058	.00169	.00109	.01008	.00035	.00006	.0015	.00014	.00105	.062	.00051
%RSD	.11624	8.7334	19.059	47.643	9.7104	15.313	.02867	.43701	25.307	.61954	24.028
#1	4.9678	k -.01815	k -.00648	.01403	k .00390	.00041	k 5.1827	k .03157	k -.00491	k 10.108	k .00249
#2	4.9760	k -.02054	k -.00494	k .02829	k .00340	.00033	k 5.1806	k .03177	k -.00342	k 10.020	k .00176
Check ?	None	None	None	None	None	None	Chk Pass	None	None	Chk Pass	None
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	k **.00215**	k **.12944**
Stddev	.00021	.00072
%RSD	9.8598	.55791
#1	k .00230	k .12995
#2	k .00200	k .12893
Check ?	None	None
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4718.8**	**69569.**	**5301.4**
Stddev	18.4	170.	38.3
%RSD	.39045	.24376	.72169
#1	4705.8	69689.	5328.5
#2	4731.9	69449.	5274.4

Sample Name: CCV-1012098 Acquired: 9/29/2011 19:26:29 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50276**	**.51723**	**.99546**	**.50710**	**.51851**	**.48159**	**-.00224**	**4.7564**	**.50825**	**.51408**	**.51246**	**.51460**
Stddev	.00077	.00049	.00523	.00098	.00162	.00182	.00104	.0038	.00019	.00051	.00019	.00079
%RSD	.15394	.09384	.52587	.19321	.31177	.37854	46.399	.08008	.03732	.09944	.03780	.15312
#1	.50331	.51757	.99176	.50779	.51736	.48030	-.00150	4.7537	.50811	.51372	.51260	.51515
#2	.50221	.51688	.99916	.50641	.51965	.48288	-.00297	4.7591	.50838	.51445	.51233	.51404
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.0748**	**54.159**	F **1.1205**	**20.196**	**.51553**	**.50508**	F **5.5703**	**.52848**	**1.0163**	**1.0108**	**-.00036**	**1.0016**
Stddev	.0187	.066	.0015	.037	.00101	.00115	.0209	.00051	.0032	.0006	.00486	.0027
%RSD	.90138	.12111	.13270	.18402	.19649	.22741	.37447	.09682	.31328	.06465	1350.9	.26714
#1	2.0616	54.112	1.1215	20.223	.51624	.50589	5.5851	.52812	1.0186	1.0103	.00307	1.0035
#2	2.0880	54.205	1.1194	20.170	.51481	.50427	5.5556	.52884	1.0141	1.0113	-.00379	.99969
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.97823**	**4.7179**	**1.0595**	**.51472**	**.00034**	**.49288**	**1.0287**	**.00901**	**.50574**	**.50030**	**.48927**
Stddev	.00121	.0201	.0008	.00176	.00043	.00059	.0045	.02992	.00122	.00109	.00025
%RSD	.12326	.42657	.07682	.34263	127.27	.11979	.43525	332.17	.24098	.21795	.05131
#1	.97908	4.7036	1.0589	.51347	.00064	.49330	1.0255	-.01215	.50660	.50107	.48909
#2	.97738	4.7321	1.0600	.51596	.00003	.49247	1.0319	.03016	.50488	.49953	.48945
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4837.5**	**71651.**	**5428.2**
Stddev	5.4	89.	14.4
%RSD	.11248	.12486	.26590
#1	4833.6	71588.	5418.0
#2	4841.3	71715.	5438.4

Sample Name: CCB Acquired: 9/29/2011 19:28:57 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00060**	**-.00010**	**.00340**	W **.00310**	**.00027**	**.00002**	**-.00674**	**.00044**	**.00026**	**-.00010**	**-.00025**
Stddev	.00043	.00033	.00220	.00007	.00017	.00004	.00030	.00143	.00001	.00017	.00018
%RSD	71.748	342.70	64.727	2.2267	63.134	252.51	4.3966	326.26	3.9879	170.25	71.109
#1	.00090	.00014	.00184	.00305	.00039	.00004	-.00695	-.00057	.00025	.00002	-.00013
#2	.00029	-.00033	.00496	.00314	.00015	-.00001	-.00653	.00145	.00027	-.00022	-.00038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00156							
Low Limit				-.00156							

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00095**	**-.00227**	**.11050**	**.00153**	**.00045**	**-.00007**	**.00275**	F **.27552**	**.00044**	**.00007**	**-.00060**
Stddev	.00032	.00026	.04268	.00069	.00191	.00006	.00097	.01297	.00004	.00064	.00015
%RSD	34.095	11.408	38.626	45.149	427.30	84.624	35.263	4.7059	9.4918	977.35	25.709
#1	-.00117	-.00209	.08032	.00104	-.00090	-.00003	.00206	.28469	.00047	.00052	-.00049
#2	-.00072	-.00246	.14068	.00202	.00180	-.00012	.00343	.26635	.00041	-.00039	-.00071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00601**	F **.00927**	W **.00662**	**.01697**	**.00099**	**.00000**	**.00011**	**.00024**	**-.00194**	**.03014**	**.00042**
Stddev	.00076	.00185	.00077	.00044	.00039	.0001	.00171	.00030	.00021	.02015	.00003
%RSD	12.668	19.980	11.557	2.5976	39.407	22576.	1595.8	125.77	10.651	66.853	6.6434
#1	-.00548	.00796	.00608	.01666	.00127	-.00010	-.00110	.00046	-.00209	.04439	.00040
#2	-.00655	.01058	.00717	.01729	.00071	.00010	.00132	.00003	-.00180	.01589	.00044
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00285**	**.00010**
Stddev	.00016	.00080
%RSD	5.7526	797.88
#1	.00273	.00066
#2	.00296	-.00046
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4823.9**	**73596.**	**5374.5**
Stddev	23.4	149.	83.5
%RSD	.48436	.20213	1.5528
#1	4840.4	73491.	5433.5
#2	4807.3	73701.	5315.5

Sample Name: CCVL1018383 Acquired: 9/29/2011 19:31:42 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00946**	**.10238**	**.01584**	**.09885**	**.01090**	**.00095**	**.10751**	**.18039**	**.00499**	**.01047**	**.01002**
Stddev	.00002	.00032	.00221	.00043	.00012	.00004	.00094	.00101	.00011	.00035	.00004
%RSD	.23733	.31638	13.971	.43612	1.1461	3.9584	.87329	.56177	2.1359	3.3254	.35524
#1	.00944	.10216	.01427	.09916	.01081	.00097	.10817	.17968	.00492	.01022	.01000
#2	.00948	.10261	.01740	.09855	.01099	.00092	.10684	.18111	.00507	.01071	.01005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01475**	W **.07642**	**3.3275**	**.01116**	**.19987**	**.01030**	**.01973**	F **1.3344**	**.04291**	**2.8785**	**.00821**
Stddev	.00019	.00283	.0062	.00069	.00050	.00005	.00019	.0133	.00029	.0113	.00126
%RSD	1.2776	3.7019	.18577	6.1839	.24982	.46954	.95573	.99745	.68707	.39318	15.380
#1	.01488	.07442	3.3232	.01165	.19952	.01027	.01986	1.3438	.04312	2.8865	.00732
#2	.01462	.07842	3.3319	.01067	.20023	.01034	.01959	1.3250	.04270	2.8705	.00910
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000						1.0000			
Range		-20.000%						30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00223**	**.01191**	W **.01141**	**.46965**	**.10318**	**.01020**	**.01602**	**.00957**	**.01413**	**.05171**	**.00999**
Stddev	.00693	.00093	.00088	.01037	.00009	.00008	.00092	.00018	.00088	.02657	.00042
%RSD	311.61	7.8049	7.7110	2.2071	.09157	.77012	5.7187	1.8857	6.2139	51.377	4.1744
#1	-.00713	.01257	.01203	.47698	.10311	.01025	.01667	.00970	.01475	.03293	.01029
#2	.00268	.01125	.01078	.46232	.10324	.01014	.01538	.00944	.01351	.07050	.00970
Check ?	None	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			.01500								
Range			-20.000%								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02122**	**.01290**
Stddev	.00036	.00049
%RSD	1.6785	3.7974
#1	.02097	.01325
#2	.02147	.01255
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4893.9**	**73383.**	**5369.4**
Stddev	3.5	38.	12.0
%RSD	.07151	.05146	.22300
#1	4896.4	73356.	5360.9
#2	4891.4	73409.	5377.9

Sample Name: 280-20577-A-3-H Acquired: 9/29/2011 19:34:24 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00123**	**149.61**	**.08816**	**.02990**	**.70234**	**.00979**	**.03382**	**30.918**	**.00119**	**.07824**
Stddev	.00014	.00	.00013	.00038	.00150	.00003	.00018	.044	.00032	.00002
%RSD	11.425	.00115	.14216	1.2632	.21286	.25778	.52094	.14335	27.305	.02933
#1	-.00113	149.60	.08825	.02963	.70128	.00977	.03370	30.887	.00142	.07823
#2	-.00133	149.61	.08807	.03016	.70340	.00981	.03395	30.949	.00096	.07826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.26122**	**.22529**	**324.45**	**28.727**	**.41964**	**48.139**	**2.2656**	**.00277**	**1.8375**	**.20035**
Stddev	.00029	.00030	.06	.023	.00196	.165	.0065	.00020	.0021	.00018
%RSD	.11132	.13508	.01741	.08057	.46613	.34239	.28501	7.1239	.11445	.08757
#1	.26143	.22551	324.41	28.744	.41826	48.255	2.2702	.00291	1.8390	.20022
#2	.26102	.22508	324.49	28.711	.42103	48.022	2.2611	.00263	1.8360	.20047
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.5022**	**.11054**	**.44865**	**-.00721**	**-.00243**	**1.8639**	**.00908**	**.12680**	**.13640**	**5.8694**
Stddev	.0039	.00214	.00057	.00174	.00360	.0125	.00029	.00023	.00160	.0060
%RSD	.08723	1.9357	.12616	24.058	148.25	.67250	3.1761	.18406	1.1727	.10216
#1	4.4995	.10903	.44825	-.00598	.00012	1.8727	.00887	.12664	.13753	5.8736
#2	4.5050	.11206	.44905	-.00844	-.00498	1.8550	.00928	.12697	.13527	5.8651
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00130**	**.03207**	**.50895**	**.88962**	**.03096**
Stddev	.00147	.01644	.00174	.00302	.00044
%RSD	113.29	51.272	.34099	.33921	1.4354
#1	.00026	.04370	.51017	.89175	.03064
#2	.00234	.02044	.50772	.88749	.03127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5530.3**	**81000.**	**6385.2**
Stddev	29.2	697.	28.5
%RSD	.52731	.86008	.44610
#1	5550.9	80508.	6365.1
#2	5509.6	81493.	6405.4

Sample Name: 280-20669-A-1-A Acquired: 9/29/2011 19:37:05 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00028**	**137.30**	**.06657**	**.10413**	**2.1909**	**.00603**	**.01227**	**148.27**	**.00135**	**.06467**
Stddev	.00034	.59	.00150	.00132	.0088	.00004	.00285	.58	.00032	.00005
%RSD	120.78	.42921	2.2574	1.2650	.40273	.69539	23.265	.39228	23.544	.06990
#1	.00004	136.88	.06763	.10506	2.1847	.00600	.01428	147.86	.00157	.06464
#2	.00052	137.71	.06551	.10319	2.1972	.00606	.01025	148.68	.00112	.06470
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Na8183
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	818.326 { 41}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15838**	**.13074**	**134.58**	**35.074**	**.19607**	**74.615**	**3.0457**	**.00188**	**8.2968**	W **9.6013**
Stddev	.00054	.00062	.62	.197	.00078	.094	.0004	.00006	.0220	.1781
%RSD	.33990	.47438	.46182	.56274	.40012	.12597	.01215	3.0366	.26546	1.8548
#1	.15876	.13031	134.14	34.935	.19662	74.681	3.0459	.00193	8.2812	9.4754
#2	.15800	.13118	135.02	35.214	.19551	74.548	3.0454	.00184	8.3124	9.7272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit										500.00
Low Limit										10.000

Elem	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837
Line	231.604 {446}	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.14379**	**6.7395**	**.18278**	**3.1871**	**-.00163**	**-.00024**	**2.9152**	**.00630**	**.71771**	**.07512**
Stddev	.00059	.0096	.00283	.0123	.00274	.00515	.0233	.00048	.00258	.00290
%RSD	.41235	.14183	1.5478	.38426	168.12	2146.0	.80098	7.6443	.35913	3.8593
#1	.14421	6.7463	.18479	3.1957	.00031	-.00388	2.8987	.00596	.71589	.07717
#2	.14337	6.7328	.18078	3.1784	-.00356	.00340	2.9317	.00664	.71953	.07307
Check ?	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	334.904 {101}	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.0192**	**-.00053**	W **-.08765**	**.26489**	**2.3308**	**.12093**
Stddev	.0007	.00006	.01191	.00025	.0061	.00091
%RSD	.06688	11.030	13.586	.09362	.26331	.75141
#1	1.0187	-.00049	-.09607	.26471	2.3351	.12157
#2	1.0196	-.00057	-.07923	.26506	2.3265	.12029
Check ?	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit			45.000			
Low Limit			-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5220.9**	**76144.**	**6255.3**
Stddev	.1	462.	17.1
%RSD	.00240	.60735	.27277
#1	5221.0	75817.	6243.2
#2	5220.8	76471.	6267.4

Sample Name: 280-20669-A-2-A Acquired: 9/29/2011 19:39:44 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**170.98**	**.08347**	**.10045**	**2.9554**	**.00703**	**.01231**	**182.47**	**.00147**	**.07394**
Stddev	.00003	.05	.00219	.00029	.0006	.00002	.00129	.04	.00009	.00010
%RSD	9.7077	.02825	2.6243	.29054	.01948	.24621	10.520	.02360	6.4337	.14108
#1	-.00035	171.01	.08192	.10024	2.9550	.00705	.01322	182.44	.00154	.07401
#2	-.00030	170.95	.08502	.10065	2.9558	.00702	.01139	182.50	.00141	.07386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.18452**	**.15423**	**151.64**	**38.744**	**.19586**	**81.049**	**2.9601**	**.00296**	**2.9213**	**.16112**
Stddev	.00100	.00012	.20	.015	.00015	.052	.0297	.00012	.0049	.00002
%RSD	.54438	.07471	.13152	.03781	.07697	.06464	1.0038	4.1192	.16715	.01474
#1	.18381	.15431	151.50	38.755	.19596	81.012	2.9391	.00305	2.9179	.16110
#2	.18523	.15415	151.78	38.734	.19575	81.086	2.9811	.00287	2.9248	.16114
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.5322**	**.15820**	**2.8312**	**-.00453**	**.00807**	**3.1162**	**.00751**	**.84713**	**.08465**	**1.1929**
Stddev	.0184	.00056	.0078	.00300	.00095	.0258	.00025	.00069	.00040	.0027
%RSD	.33181	.35606	.27674	66.246	11.811	.82937	3.3050	.08196	.47664	.22244
#1	5.5192	.15860	2.8257	-.00665	.00874	3.0979	.00733	.84664	.08436	1.1911
#2	5.5452	.15780	2.8368	-.00241	.00740	3.1344	.00768	.84762	.08493	1.1948
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00007**	W **-.09123**	**.33179**	**.82401**	**.12984**
Stddev	.00090	.00765	.00182	.00047	.00124
%RSD	1354.7	8.3881	.54773	.05645	.95342
#1	.00071	-.08582	.33050	.82368	.12897
#2	-.00057	-.09664	.33307	.82434	.13072
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5189.5**	**75585.**	**6128.2**
Stddev	13.0	94.	10.0
%RSD	.25092	.12404	.16278
#1	5198.7	75651.	6121.2
#2	5180.3	75518.	6135.3

Sample Name: 280-20669-A-3-A Acquired: 9/29/2011 19:42:25 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00015**	**143.10**	**.08242**	**.10137**	**2.7017**	**.00589**	**.01455**	**128.37**	**.00155**	**.06179**
Stddev	.00037	.10	.00158	.00050	.0019	.00001	.00043	.02	.00004	.00002
%RSD	241.34	.07277	1.9156	.49634	.07012	.17032	2.9467	.01779	2.3485	.03128
#1	-.00041	143.03	.08354	.10173	2.7003	.00590	.01485	128.35	.00158	.06178
#2	.00011	143.17	.08131	.10102	2.7030	.00589	.01425	128.38	.00153	.06180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15765**	**.19102**	**142.98**	**36.726**	**.17183**	**68.636**	**3.1178**	**.00370**	**2.9307**	**.14143**
Stddev	.00006	.00072	.19	.095	.00013	.157	.0098	.00026	.0121	.00011
%RSD	.03784	.37471	.13567	.25987	.07553	.22907	.31541	7.0639	.41457	.07775
#1	.15761	.19052	142.85	36.658	.17193	68.747	3.1109	.00351	2.9221	.14135
#2	.15769	.19153	143.12	36.793	.17174	68.525	3.1248	.00388	2.9393	.14151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.8121**	**.37632**	**3.8991**	**-.00082**	**.00515**	**3.0536**	**.01580**	**.74365**	**.07495**	**.81784**
Stddev	.0113	.00264	.0065	.00052	.00104	.0208	.00006	.00083	.00000	.00094
%RSD	.19402	.70185	.16617	64.094	20.294	.68040	.39445	.11156	.00422	.11544
#1	5.8041	.37445	3.8946	-.00045	.00441	3.0683	.01585	.74307	.07495	.81717
#2	5.8200	.37819	3.9037	-.00119	.00589	3.0389	.01576	.74424	.07494	.81851
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00102**	W **-.08228**	**.26367**	**.87980**	**.12170**
Stddev	.00146	.00941	.00048	.00346	.00008
%RSD	142.89	11.438	.18232	.39310	.06259
#1	.00001	-.08893	.26333	.88225	.12176
#2	-.00205	-.07562	.26401	.87736	.12165
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5321.7**	**76925.**	**6196.4**
Stddev	11.9	700.	59.5
%RSD	.22355	.91007	.95981
#1	5330.1	76430.	6238.4
#2	5313.3	77420.	6154.3

Sample Name: 280-20669-A-4-A Acquired: 9/29/2011 19:45:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87687 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00003**	**210.46**	**.10327**	**.11932**	**4.0217**	**.00769**	**.01420**	**161.82**	**.00090**	**.07626**
Stddev	.00013	.48	.00127	.00131	.0096	.00001	.00126	.26	.00003	.00018
%RSD	387.64	.22874	1.2322	1.0959	.23782	.19157	8.8385	.16141	3.7175	.23518
#1	.00006	210.80	.10237	.12024	4.0284	.00770	.01509	162.00	.00093	.07639
#2	-.00012	210.12	.10417	.11839	4.0149	.00768	.01331	161.63	.00088	.07614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20495**	**.17050**	**168.87**	**42.872**	**.22575**	**90.643**	**2.9485**	**.00282**	**3.7604**	**.16992**
Stddev	.00010	.00009	.24	.118	.00070	.026	.0141	.00006	.0056	.00081
%RSD	.04897	.05123	.14479	.27595	.30973	.02900	.47748	2.1445	.14905	.47454
#1	.20488	.17057	169.04	42.956	.22624	90.661	2.9385	.00286	3.7564	.17049
#2	.20502	.17044	168.70	42.788	.22525	90.624	2.9584	.00278	3.7643	.16935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9950**	**.15040**	**1.7331**	**-.00197**	**.00039**	**3.6519**	**.00616**	**.96154**	**.08691**	**1.3805**
Stddev	.0036	.00131	.0034	.00171	.00416	.0048	.00038	.00145	.00000	.0010
%RSD	.07167	.87181	.19697	86.806	1076.5	.13197	6.0960	.15062	.00495	.07170
#1	4.9975	.15133	1.7355	-.00076	-.00255	3.6485	.00590	.96257	.08690	1.3798
#2	4.9924	.14947	1.7307	-.00319	.00333	3.6553	.00643	.96052	.08691	1.3812
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00025**	W **-.07800**	**.38736**	**.61602**	**.13001**
Stddev	.00006	.00132	.00111	.00070	.00031
%RSD	22.154	1.6861	.28780	.11396	.23547
#1	.00021	-.07707	.38815	.61553	.12979
#2	.00029	-.07893	.38658	.61652	.13023
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5231.0**	**75631.**	**6164.2**
Stddev	16.5	334.	61.0
%RSD	.31470	.44130	.99035
#1	5242.6	75867.	6121.0
#2	5219.3	75395.	6207.4

Sample Name: CCVH-1018440 Acquired: 9/29/2011 19:48:33 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **-.00506**	**47.082**	k **-.00299**	**.00129**	k **.00060**	k **-.00015**	k **1.0234**	k **-.02286**	k **-.00139**	k **.00247**	k **.00021**
Stddev	.00010	.515	.00052	.00049	.00034	.00015	.0074	.00301	.00003	.00033	.00006
%RSD	1.8815	1.0941	17.361	38.129	57.741	95.265	.71916	13.174	2.3791	13.363	29.990
#1	k -.00513	46.717	k -.00263	.00164	k .00084	k -.00026	k 1.0286	k -.02073	k -.00142	k .00224	k .00025
#2	k -.00500	47.446	k -.00336	.00094	k .00035	k -.00005	k 1.0182	k -.02499	k -.00137	k .00271	k .00016
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None
Value											
Range											

Elem	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.01480**	kF **43.801**	**.15019**	k **.00239**	k **-.28413**	**-.00034**	**-.00207**	F **277.81**	**.00064**	**.00272**	k **.00468**
Stddev	.00011	.683	.01164	.00159	.00038	.00002	.00015	3.28	.00022	.00025	.00089
%RSD	.75211	1.5601	7.7507	66.607	.13521	7.1536	7.0312	1.1794	34.382	9.3337	19.074
#1	k .01488	k 43.317	.15842	k .00351	k -.28386	-.00036	-.00196	275.50	.00049	.00290	k .00531
#2	k .01472	k 44.284	.14196	k .00126	k -.28440	-.00032	-.00217	280.13	.00080	.00254	k .00405
Check ?	None	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None
Value		50.000						250.00			
Range		-10.000%						10.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9285**	k **-.01802**	k **-.01231**	k **.00432**	k **.00239**	**.00037**	k **5.1511**	k **.02830**	k **-.00557**	k **10.073**	k **.00207**
Stddev	.0170	.00131	.00015	.01629	.00032	.00001	.0123	.00026	.00031	.013	.00056
%RSD	.34574	7.2660	1.2149	376.97	13.598	3.3415	.23784	.92847	5.6316	.13265	26.929
#1	4.9406	k -.01894	k -.01241	k -.00720	k .00216	.00038	k 5.1598	k .02848	k -.00535	k 10.082	k .00168
#2	4.9165	k -.01709	k -.01220	k .01584	k .00262	.00036	k 5.1424	k .02811	k -.00580	k 10.063	k .00246
Check ?	None	None	None	None	None	None	Chk Pass	None	None	Chk Pass	None
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	k **.00257**	k **.12742**
Stddev	.00004	.00242
%RSD	1.6409	1.8958
#1	k .00260	k .12571
#2	k .00254	k .12913
Check ?	None	None
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4772.7**	**70994.**	**5361.4**
Stddev	15.2	336.	7.5
%RSD	.31855	.47275	.13924
#1	4783.4	70757.	5366.7
#2	4761.9	71231.	5356.1

Sample Name: CCV-1012098 Acquired: 9/29/2011 19:51:14 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49410**	**.51572**	**.98088**	**.49856**	**.51488**	**.47215**	**-.00240**	**4.6807**	**.50273**	**.50760**	**.50642**	**.50846**
Stddev	.00008	.00263	.00696	.00111	.00161	.00115	.00016	.0025	.00208	.00114	.00123	.00118
%RSD	.01655	.51015	.70935	.22184	.31267	.24374	6.7906	.05343	.41393	.22364	.24375	.23120
#1	.49404	.51386	.98580	.49935	.51374	.47133	-.00251	4.6789	.50420	.50840	.50730	.50929
#2	.49416	.51758	.97596	.49778	.51602	.47296	-.00228	4.6825	.50126	.50680	.50555	.50763
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.0377**	**53.710**	F **1.1084**	**19.901**	**.50774**	**.49839**	F **5.5300**	**.52158**	**1.0033**	**1.0006**	**-.00271**	**.98992**
Stddev	.0070	.190	.0068	.009	.00031	.00210	.0027	.00309	.0054	.0030	.00346	.00690
%RSD	.34549	.35360	.60947	.04415	.06118	.42109	.04855	.59323	.53560	.29797	127.62	.69681
#1	2.0327	53.575	1.1036	19.907	.50796	.49988	5.5281	.52376	1.0071	1.0027	-.00516	.99480
#2	2.0426	53.844	1.1132	19.894	.50752	.49691	5.5319	.51939	.99947	.99849	-.00026	.98505
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.96919**	**4.6257**	**1.0454**	**.50961**	**.00050**	**.48570**	**1.0170**	**-.00411**	**.49947**	**.49182**	**.47993**
Stddev	.00932	.0181	.0072	.00155	.00273	.00023	.0024	.03930	.00017	.00191	.00016
%RSD	.96137	.39169	.68614	.30497	549.25	.04828	.23099	956.60	.03385	.38839	.03400
#1	.97578	4.6129	1.0505	.50851	.00243	.48586	1.0187	-.03189	.49935	.49047	.47981
#2	.96261	4.6385	1.0404	.51071	-.00143	.48553	1.0154	.02368	.49959	.49317	.48004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4898.6**	**73107.**	**5472.1**
Stddev	2.4	277.	.4
%RSD	.04815	.37909	.00659
#1	4896.9	73303.	5472.4
#2	4900.3	72911.	5471.9

Sample Name: CCB Acquired: 9/29/2011 19:53:44 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00084**	**.00048**	**.00046**	**.00044**	**.00047**	**.00004**	**-.00518**	**-.00866**	**.00012**	**.00019**	**-.00004**
Stddev	.00031	.00090	.00006	.00003	.00017	.00000	.00071	.00177	.00010	.00017	.00026
%RSD	36.320	188.58	12.664	6.5434	36.296	11.940	13.790	20.457	78.825	86.064	641.39
#1	.00062	.00111	.00042	.00046	.00060	.00004	-.00467	-.00741	.00019	.00031	-.00023
#2	.00106	-.00016	.00050	.00042	.00035	.00004	-.00568	-.00992	.00005	.00008	.00015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00063**	**-.00077**	**.07036**	**.00088**	**.00050**	**-.00005**	**.00216**	F **.21743**	**.00046**	**.00010**	**-.00036**
Stddev	.00026	.00098	.00495	.00121	.00071	.00005	.00048	.00351	.00008	.00061	.00014
%RSD	41.923	127.02	7.0374	136.98	142.77	107.68	22.256	1.6153	16.397	599.80	39.589
#1	-.00044	-.00146	.06685	.00003	.00100	-.00008	.00182	.21494	.00041	-.00033	-.00026
#2	-.00082	-.00008	.07386	.00174	.00000	-.00001	.00250	.21991	.00051	.00054	-.00046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00270**	F **.01192**	W **.00536**	**.00731**	**.00111**	**-.00001**	**.00041**	**.00007**	**-.00062**	**.00594**	**.00011**
Stddev	.00484	.00445	.00286	.00917	.00034	.00002	.00026	.00020	.00074	.00252	.00010
%RSD	179.09	37.359	53.252	125.37	30.812	404.11	63.620	292.93	119.36	42.466	90.551
#1	.00072	.00877	.00738	.00083	.00135	.00001	.00023	.00021	-.00010	.00772	.00018
#2	-.00612	.01506	.00334	.01380	.00087	-.00002	.00060	-.00007	-.00114	.00416	.00004
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00103**	**-.00159**
Stddev	.00008	.00068
%RSD	8.0743	42.498
#1	.00108	-.00207
#2	.00097	-.00111
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4895.9**	**73568.**	**5356.3**
Stddev	4.8	368.	41.3
%RSD	.09710	.50049	.77044
#1	4899.3	73828.	5385.5
#2	4892.5	73307.	5327.1

Sample Name: CCVL1018383 Acquired: 9/29/2011 19:56:29 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00978**	**.10183**	**.01296**	**.09665**	**.01019**	**.00093**	**.10627**	**.17562**	**.00490**	**.01025**	**.00992**
Stddev	.00030	.00013	.00104	.00036	.00006	.00000	.00028	.00111	.00006	.00007	.00015
%RSD	3.0672	.13004	8.0127	.36794	.55892	.20337	.26474	.63408	1.1385	.67038	1.4974
#1	.00956	.10173	.01223	.09640	.01023	.00092	.10647	.17483	.00494	.01020	.00982
#2	.00999	.10192	.01370	.09690	.01015	.00093	.10607	.17641	.00486	.01030	.01003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01461**	W **.07681**	**3.2769**	F **.01485**	**.19622**	**.01013**	**.01941**	W **1.2396**	**.04268**	**2.8665**	**.00869**
Stddev	.00044	.00262	.0342	.00085	.00366	.00004	.00011	.0099	.00029	.0028	.00168
%RSD	2.9986	3.4115	1.0428	5.7400	1.8662	.40873	.56987	.80202	.68674	.09701	19.351
#1	.01430	.07866	3.3011	.01425	.19881	.01015	.01949	1.2326	.04247	2.8684	.00988
#2	.01492	.07495	3.2528	.01545	.19363	.01010	.01933	1.2467	.04288	2.8645	.00750
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000				1.0000			
Range		-20.000%		30.000%				20.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00439**	W **.01213**	W **.01188**	**.46334**	**.10410**	**.01013**	**.01563**	**.00934**	**.01568**	**.06466**	**.00952**
Stddev	.00009	.00190	.00103	.00176	.00089	.00008	.00128	.00037	.00081	.02430	.00052
%RSD	2.1083	15.637	8.6358	.38086	.85526	.83160	8.1944	3.9680	5.1538	37.586	5.4265
#1	-.00445	.01079	.01116	.46209	.10347	.01019	.01473	.00908	.01510	.04747	.00916
#2	-.00432	.01348	.01261	.46458	.10473	.01007	.01654	.00960	.01625	.08184	.00989
Check ?	None	Chk Warn	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.01000	.01500								
Range		20.000%	-20.000%								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02061**	**.01449**
Stddev	.00051	.00067
%RSD	2.4954	4.5947
#1	.02024	.01496
#2	.02097	.01402
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4920.2**	**74102.**	**5390.6**
Stddev	8.4	415.	19.5
%RSD	.16988	.56014	.36211
#1	4914.3	73808.	5376.8
#2	4926.1	74395.	5404.4

Sample Name: MB 280-87711/1-A Acquired: 9/29/2011 19:59:09 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00050**	**.00188**	**-.00302**	**-.00026**	**.00026**	**-.00004**	**-.00434**	**-.00346**	**-.00003**	**.00017**
Stddev	.00029	.00044	.00169	.00074	.00001	.00004	.00064	.00106	.00003	.00006
%RSD	58.040	23.328	56.002	282.49	4.1169	103.78	14.642	30.548	103.36	33.558
#1	.00029	.00157	-.00421	.00026	.00027	-.00001	-.00479	-.00271	-.00006	.00013
#2	.00071	.00219	-.00182	-.00078	.00025	-.00007	-.00389	-.00421	-.00001	.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**-.00038**	**-.00081**	**.02998**	**.00136**	**-.00052**	**-.00003**	**-.00040**	**.17665**	**.00004**
Stddev	.00011	.00006	.00215	.00414	.00288	.00105	.00005	.00009	.00137	.00007
%RSD	90.712	17.264	266.06	13.824	211.54	202.39	176.00	23.561	.77449	178.09
#1	-.00019	-.00042	.00071	.02705	.00340	-.00126	-.00007	-.00033	.17568	.00009
#2	-.00004	-.00033	-.00233	.03291	-.00068	.00022	.00001	-.00047	.17761	-.00001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.00050**	**-.00104**	**.00054**	W **-.00501**	**.00343**	**-.00027**	**-.00002**	**.00110**	**.00020**
Stddev	.00296	.00094	.00127	.00051	.00046	.00815	.00024	.00002	.00069	.00004
%RSD	933.17	185.52	122.21	96.004	9.1462	237.32	87.812	133.68	62.978	18.680
#1	.00178	.00016	-.00193	.00017	-.00469	.00920	-.00044	.00000	.00158	.00018
#2	-.00241	-.00117	-.00014	.00090	-.00534	-.00233	-.00010	-.00003	.00061	.00023
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.00500					
Low Limit					-.00500					

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00110**	**.00656**	**.00011**	**.00140**	**-.00175**
Stddev	.00045	.00111	.00016	.00010	.00022
%RSD	40.723	16.917	148.21	7.3608	12.796
#1	-.00078	.00735	.00022	.00147	-.00191
#2	-.00142	.00578	-.00001	.00132	-.00159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5013.0**	**75619.**	**5495.8**
Stddev	12.5	304.	7.1
%RSD	.25030	.40152	.12992
#1	5004.1	75405.	5500.8
#2	5021.9	75834.	5490.7

Sample Name: LCS 280-87711/2-A Acquired: 9/29/2011 20:01:55 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04697**	**1.8887**	**.97719**	**.99198**	**2.0405**	**.04667**	**2.1632**	**45.756**	**.09248**	**.48850**
Stddev	.00030	.0017	.00500	.00264	.0013	.00007	.0097	.021	.00008	.00043
%RSD	.62904	.09099	.51188	.26597	.06430	.15466	.44588	.04699	.09107	.08844
#1	.04718	1.8899	.98073	.99012	2.0396	.04672	2.1564	45.741	.09242	.48820
#2	.04676	1.8874	.97365	.99385	2.0415	.04662	2.1701	45.771	.09254	.48881
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19871**	**.25028**	F **.80143**	**53.227**	**1.0846**	**48.436**	**.49517**	**.99132**	**55.041**	**.50037**
Stddev	.00008	.00040	.00135	.003	.0004	.062	.00070	.00241	.194	.00018
%RSD	.03805	.16138	.16899	.00498	.03613	.12844	.14230	.24318	.35292	.03524
#1	.19865	.24999	.80048	53.226	1.0849	48.392	.49468	.99302	54.903	.50049
#2	.19876	.25056	.80239	53.229	1.0843	48.480	.49567	.98962	55.178	.50024
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit			1.1400							
Low Limit			.88000							

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.014**	**.48602**	**.00006**	**.49778**	**1.9352**	F **9.1890**	**2.0315**	**1.0180**	**.98006**	**.97859**
Stddev	.001	.00304	.00282	.00116	.0141	.0062	.0008	.0003	.00119	.00020
%RSD	.00800	.62648	4576.5	.23399	.72813	.06780	.03989	.03365	.12139	.02083
#1	10.015	.48387	.00205	.49861	1.9452	9.1934	2.0310	1.0182	.98090	.97845
#2	10.014	.48818	-.00193	.49696	1.9253	9.1846	2.0321	1.0177	.97922	.97874
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						11.500				
Low Limit						9.4000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9769**	**2.0756**	**.50048**	**.47949**	**.44521**
Stddev	.0008	.0474	.00009	.00048	.00172
%RSD	.04197	2.2835	.01850	.10074	.38613
#1	1.9775	2.0421	.50041	.47983	.44400
#2	1.9763	2.1091	.50054	.47915	.44643
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4815.2**	**71449.**	**5479.5**
Stddev	1.0	213.	4.3
%RSD	.01977	.29789	.07758
#1	4815.9	71600.	5476.5
#2	4814.6	71299.	5482.5

Sample Name: 280-20667-A-1-A Acquired: 9/29/2011 20:04:24 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00034**	**.34091**	**.00200**	**.60489**	**.06517**	**.00007**	**-.00528**	**1.4095**	**-.00005**	**.00093**
Stddev	.00046	.00020	.00397	.00154	.00009	.00004	.00309	.0049	.00000	.00024
%RSD	135.96	.05797	198.78	.25406	.13980	56.887	58.458	.34678	7.2732	26.147
#1	.00001	.34077	-.00081	.60597	.06524	.00009	-.00746	1.4129	-.00005	.00076
#2	.00066	.34105	.00480	.60380	.06511	.00004	-.00310	1.4060	-.00005	.00110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00192**	**.01954**	**2.1326**	**2.8792**	**.17072**	**.26443**	**.02371**	**.00435**	W **595.62**	**.01249**
Stddev	.00004	.00002	.0060	.0498	.00103	.00074	.00003	.00129	1.91	.00015
%RSD	1.9832	.08221	.28308	1.7286	.60418	.27889	.14078	29.696	.32121	1.1724
#1	.00194	.01955	2.1369	2.9144	.16999	.26391	.02374	.00344	596.97	.01239
#2	.00189	.01953	2.1283	2.8440	.17144	.26496	.02369	.00527	594.27	.01260
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08003**	**.08569**	**3.6007**	**.00104**	**.01099**	**16.631**	**.00163**	**.05679**	**.00002**	**.00541**
Stddev	.00273	.00177	.0034	.00132	.00514	.041	.00120	.00025	.00175	.00018
%RSD	3.4095	2.0713	.09559	126.83	46.732	.24904	73.729	.43551	8570.1	3.3353
#1	.07810	.08443	3.5983	.00198	.00736	16.660	.00078	.05697	-.00122	.00528
#2	.08196	.08694	3.6031	.00011	.01462	16.601	.00248	.05662	.00126	.00554
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00115**	**.01251**	**.00125**	**.04018**	**-.00207**
Stddev	.00152	.02122	.00007	.00023	.00060
%RSD	132.24	169.63	5.8186	.57364	29.034
#1	.00007	.02752	.00130	.04034	-.00250
#2	.00222	-.00250	.00120	.04001	-.00165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4702.3**	**67690.**	**5435.4**
Stddev	35.8	434.	36.3
%RSD	.76208	.64096	.66840
#1	4727.6	67383.	5461.1
#2	4676.9	67996.	5409.7

Sample Name: sd 280-20667-A-1-A@5 Acquired: 9/29/2011 20:07:57 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00052**	**.07044**	**.00271**	**.12288**	**.01365**	**-.00003**	**-.00471**	**.23993**	**-.00019**	**.00044**
Stddev	.00047	.00022	.00034	.00023	.00007	.00002	.00021	.00412	.00003	.00018
%RSD	90.534	.30709	12.348	.18534	.50239	45.042	4.5623	1.7153	18.394	42.055
#1	.00019	.07059	.00295	.12272	.01370	-.00002	-.00486	.23702	-.00016	.00031
#2	.00086	.07029	.00248	.12304	.01360	-.00004	-.00456	.24284	-.00021	.00056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.00397**	**.42543**	**.61455**	**.03512**	**.04531**	**.00476**	**.00008**	**120.65**	**.00284**
Stddev	.00014	.00002	.00086	.00628	.00039	.00046	.00001	.00015	.78	.00019
%RSD	110.53	.54108	.20179	1.0226	1.1221	1.0151	.24284	201.00	.64576	6.5978
#1	.00023	.00396	.42604	.61011	.03540	.04499	.00475	-.00003	120.10	.00297
#2	.00003	.00399	.42483	.61899	.03484	.04564	.00477	.00019	121.20	.00271
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01416**	**.01662**	**.69199**	**.00032**	**-.00102**	**3.3648**	**.00062**	**.01132**	**.00093**	**.00116**
Stddev	.00013	.00125	.00312	.00040	.00064	.0338	.00005	.00007	.00273	.00019
%RSD	.92534	7.4975	.45084	124.55	62.965	1.0052	7.8624	.65434	294.49	16.597
#1	.01406	.01574	.69419	.00060	-.00148	3.3887	.00058	.01127	-.00100	.00102
#2	.01425	.01750	.68978	.00004	-.00057	3.3409	.00065	.01137	.00286	.00129
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**.01112**	**.00024**	**.01324**	**.00116**
Stddev	.00076	.01781	.00031	.00020	.00063
%RSD	220.30	160.15	129.01	1.4742	54.205
#1	.00019	.02371	.00046	.01338	.00161
#2	-.00088	-.00147	.00002	.01310	.00072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4874.2**	**71797.**	**5466.6**
Stddev	21.9	88.	23.9
%RSD	.44987	.12193	.43723
#1	4889.7	71735.	5449.7
#2	4858.7	71859.	5483.5

Sample Name: 280-20667-A-1-B MS Acquired: 9/29/2011 20:10:40 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04784**	**2.3110**	**1.0402**	**1.6238**	**2.1849**	**.04874**	**2.2346**	**48.927**	**.09693**	**.50197**
Stddev	.00053	.0165	.0029	.0031	.0087	.00015	.0096	.158	.00033	.00087
%RSD	1.1093	.71240	.27418	.18845	.39845	.30157	.42809	.32247	.34353	.17262
#1	.04821	2.3226	1.0423	1.6259	2.1788	.04864	2.2413	48.816	.09716	.50258
#2	.04746	2.2994	1.0382	1.6216	2.1911	.04885	2.2278	49.039	.09669	.50135
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20599**	**.27506**	**2.4959**	**58.961**	**1.2984**	**49.153**	**.53581**	**1.0157**	W **657.78**	**.52566**
Stddev	.00032	.00062	.0156	.251	.0022	.005	.00028	.0024	2.57	.00079
%RSD	.15302	.22420	.62662	.42487	.16951	.01003	.05309	.23156	.39090	.15025
#1	.20621	.27550	2.4849	58.784	1.2968	49.157	.53601	1.0174	655.96	.52622
#2	.20577	.27462	2.5070	59.138	1.2999	49.150	.53561	1.0140	659.60	.52510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.799**	**.54683**	**2.6364**	**.51731**	**1.9447**	**26.831**	**2.0799**	**1.1116**	**1.0283**	**1.0283**
Stddev	.029	.00268	.0015	.00047	.0061	.111	.0026	.0039	.0001	.0000
%RSD	.26715	.49038	.05607	.09154	.31558	.41461	.12356	.34741	.01248	.00205
#1	10.820	.54873	2.6354	.51697	1.9490	26.752	2.0817	1.1088	1.0282	1.0283
#2	10.779	.54493	2.6375	.51764	1.9403	26.909	2.0780	1.1143	1.0283	1.0283
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6038**	**2.0700**	**.52296**	**.54839**	**.46344**
Stddev	.0037	.0098	.00007	.00079	.00633
%RSD	.23228	.47548	.01279	.14405	1.3663
#1	1.6064	2.0770	.52292	.54783	.45896
#2	1.6012	2.0631	.52301	.54895	.46791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4605.5**	**67028.**	**5402.0**
Stddev	7.4	217.	38.9
%RSD	.16077	.32423	.71947
#1	4600.2	67182.	5429.4
#2	4610.7	66874.	5374.5

Sample Name: 280-20667-A-1-C MSD Acquired: 9/29/2011 20:14:00 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04617**	**2.1249**	**1.0177**	**1.6020**	**2.1573**	**.04809**	**2.1743**	**48.335**	**.09494**	**.49104**
Stddev	.00014	.0011	.0012	.0038	.0042	.00004	.0008	.059	.00050	.00134
%RSD	.29517	.05111	.11821	.23573	.19224	.07356	.03554	.12278	.52515	.27279
#1	.04626	2.1242	1.0186	1.6047	2.1602	.04812	2.1748	48.377	.09529	.49198
#2	.04607	2.1257	1.0169	1.5993	2.1543	.04807	2.1737	48.293	.09458	.49009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.20163**	**.26666**	**1.8767**	**58.386**	**1.2858**	**48.229**	**.52162**	**1.0038**	W **652.89**	**.50862**
Stddev	.00056	.00026	.0058	.088	.0011	.158	.00170	.0027	.72	.00133
%RSD	.27757	.09778	.30776	.15020	.08298	.32825	.32660	.26460	.11031	.26161
#1	.20202	.26648	1.8807	58.448	1.2866	48.341	.52283	1.0056	653.40	.50956
#2	.20123	.26685	1.8726	58.324	1.2851	48.117	.52042	1.0019	652.38	.50768
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.524**	**.49683**	**2.1937**	**.50942**	**1.9053**	**26.495**	**2.0318**	**1.0983**	**1.0090**	**1.0174**
Stddev	.015	.00205	.0101	.00194	.0094	.042	.0066	.0016	.0005	.0037
%RSD	.14688	.41284	.45844	.38046	.49106	.15902	.32718	.14287	.04695	.36863
#1	10.535	.49828	2.2008	.51079	1.9119	26.466	2.0365	1.0994	1.0087	1.0200
#2	10.513	.49538	2.1866	.50805	1.8987	26.525	2.0271	1.0972	1.0093	1.0147
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.6795**	**2.0503**	**.51402**	**.53426**	**.46225**
Stddev	.0057	.0158	.00033	.00281	.00352
%RSD	.34012	.77151	.06438	.52505	.76049
#1	1.6835	2.0615	.51379	.53624	.46474
#2	1.6754	2.0391	.51425	.53228	.45976
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4664.4**	**67014.**	**5395.6**
Stddev	3.8	167.	32.5
%RSD	.08190	.24880	.60150
#1	4661.7	66896.	5418.6
#2	4667.1	67132.	5372.7

Sample Name: 280-20667-A-2-A Acquired: 9/29/2011 20:17:20 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00096**	**.02367**	**.00110**	**.59557**	**.05858**	**-.00003**	**-.00582**	**1.2563**	**-.00016**	**.00032**
Stddev	.00010	.00169	.00049	.00040	.00009	.00004	.00162	.0121	.00010	.00006
%RSD	10.912	7.1293	44.502	.06779	.15516	131.87	27.911	.96706	58.911	17.493
#1	.00089	.02486	.00075	.59585	.05852	.00000	-.00696	1.2649	-.00009	.00035
#2	.00104	.02247	.00144	.59528	.05865	-.00006	-.00467	1.2477	-.00023	.00028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**.00224**	**.04348**	**2.8522**	**.16662**	**.12853**	**.00965**	**.00141**	W **588.79**	**.00270**
Stddev	.00007	.00003	.00139	.0166	.00259	.00144	.00005	.00063	3.08	.00023
%RSD	20.286	1.2899	3.1892	.58196	1.5525	1.1206	.51922	44.289	.52367	8.5515
#1	.00041	.00222	.04447	2.8639	.16845	.12752	.00962	.00097	590.97	.00286
#2	.00031	.00226	.04250	2.8404	.16479	.12955	.00969	.00185	586.61	.00254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07054**	**-.00015**	**2.2201**	**.00033**	**-.00028**	**16.164**	**-.00043**	**.05177**	**-.00034**	**.00003**
Stddev	.00301	.00007	.0011	.00172	.00049	.106	.00027	.00022	.00125	.00015
%RSD	4.2638	43.778	.04825	518.89	173.59	.65468	62.300	.42186	369.85	460.13
#1	.06841	-.00020	2.2193	.00155	.00006	16.238	-.00024	.05192	-.00123	-.00007
#2	.07267	-.00010	2.2208	-.00088	-.00063	16.089	-.00062	.05161	.00055	.00014
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00235**	**.04361**	**.00025**	**.01405**	**-.00143**
Stddev	.00136	.00951	.00026	.00023	.00068
%RSD	58.026	21.803	105.85	1.6505	47.849
#1	.00139	.05033	.00043	.01389	-.00094
#2	.00332	.03689	.00006	.01422	-.00191
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4596.9**	**66531.**	**5399.1**
Stddev	14.6	52.	7.6
%RSD	.31751	.07834	.14138
#1	4586.6	66494.	5393.7
#2	4607.3	66568.	5404.5

Sample Name: 280-20667-A-3-A Acquired: 9/29/2011 20:20:53 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.02287**	**-.00099**	**.52431**	**.04969**	**.00003**	**-.00562**	**.99660**	**-.00015**	**.00012**
Stddev	.00042	.00016	.00674	.00454	.00061	.00001	.00075	.00545	.00015	.00014
%RSD	55.432	.68321	682.50	.86538	1.2225	42.109	13.343	.54643	97.965	116.38
#1	.00046	.02276	.00378	.52110	.04926	.00004	-.00615	.99275	-.00005	.00002
#2	.00105	.02298	-.00576	.52752	.05012	.00002	-.00509	1.0005	-.00025	.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	**.00105**	**.03496**	**2.4478**	**.14735**	**.09127**	**.00815**	**-.00006**	W **516.80**	**.00223**
Stddev	.00009	.00007	.00030	.0563	.00272	.00146	.00005	.00037	3.38	.00003
%RSD	69.121	6.7342	.86087	2.2979	1.8474	1.5947	.66781	575.29	.65486	1.2378
#1	-.00006	.00100	.03475	2.4081	.14542	.09024	.00819	-.00032	514.41	.00221
#2	-.00019	.00110	.03517	2.4876	.14927	.09230	.00811	.00020	519.20	.00225
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.06003**	**.00044**	**2.8709**	**-.00096**	**-.00306**	**14.339**	**-.00049**	**.04517**	**-.00030**	**-.00015**
Stddev	.00265	.00047	.0191	.00203	.00257	.009	.00042	.00030	.00130	.00023
%RSD	4.4168	107.14	.66657	212.18	83.916	.06245	84.903	.65861	433.71	152.84
#1	.06190	.00076	2.8574	.00048	-.00488	14.333	-.00020	.04496	-.00122	-.00031
#2	.05815	.00011	2.8844	-.00239	-.00125	14.345	-.00079	.04538	.00062	.00001
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00034**	**.02654**	**-.00028**	**.00571**	**-.00146**
Stddev	.00117	.02881	.00018	.00005	.00097
%RSD	342.81	108.56	64.107	.95883	66.695
#1	-.00049	.04692	-.00015	.00567	-.00215
#2	.00117	.00617	-.00041	.00575	-.00077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4636.3**	**67968.**	**5350.2**
Stddev	.7	147.	24.9
%RSD	.01533	.21639	.46587
#1	4636.8	68072.	5367.8
#2	4635.8	67864.	5332.6

Sample Name: 280-20667-A-4-A Acquired: 9/29/2011 20:24:27 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00033**	**.62856**	**.00155**	**.59544**	**.05915**	**.00000**	**-.00566**	**2.3164**	**-.00011**	**.00045**
Stddev	.00028	.00452	.00213	.00021	.00023	.00014	.00259	.0131	.00007	.00023
%RSD	84.218	.71904	138.02	.03547	.39173	11936.	45.823	.56386	63.978	51.387
#1	.00053	.63176	.00305	.59529	.05898	-.00010	-.00749	2.3072	-.00015	.00062
#2	.00013	.62537	.00004	.59559	.05931	.00010	-.00382	2.3256	-.00006	.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00069**	**.00222**	**.51458**	**2.8231**	**.17335**	**.49388**	**.02603**	**-.00027**	W **595.23**	**.00224**
Stddev	.00018	.00038	.00035	.0021	.00073	.00046	.00020	.00023	2.68	.00033
%RSD	26.223	17.000	.06852	.07292	.42204	.09397	.75414	87.223	.44987	14.670
#1	.00082	.00248	.51433	2.8217	.17283	.49421	.02617	-.00044	593.33	.00248
#2	.00057	.00195	.51483	2.8246	.17386	.49355	.02589	-.00010	597.12	.00201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.05783**	**.00183**	**3.7280**	**-.00057**	**-.00177**	**17.467**	**-.00002**	**.05847**	**-.00050**	**.00780**
Stddev	.00113	.00141	.0098	.00119	.00445	.005	.00019	.00015	.00134	.00001
%RSD	1.9494	76.767	.26417	209.17	252.32	.03088	899.63	.25708	266.34	.11931
#1	.05863	.00084	3.7211	.00027	.00138	17.471	-.00015	.05836	-.00145	.00779
#2	.05704	.00283	3.7350	-.00141	-.00491	17.463	.00011	.05858	.00044	.00781
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**.03760**	**.00186**	**.01467**	**-.00005**
Stddev	.00015	.00920	.00019	.00040	.00143
%RSD	39.943	24.473	10.393	2.7215	2622.7
#1	.00047	.03109	.00172	.01495	.00096
#2	.00026	.04410	.00200	.01439	-.00107
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4619.9**	**66824.**	**5285.6**
Stddev	6.2	314.	9.5
%RSD	.13319	.46968	.17892
#1	4624.3	67046.	5292.3
#2	4615.6	66602.	5278.9

Sample Name: CCVH-1018440 Acquired: 9/29/2011 20:28:02 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **-.00497**	**46.639**	k **-.00094**	**.00383**	k **.00059**	k **-.00012**	k **1.0246**	k **-.02727**	k **-.00131**	k **.00211**	k **.00021**	k **.01522**
Stddev	.00005	.090	.00436	.00099	.00017	.00005	.0112	.00148	.00024	.00011	.00013	.00033
%RSD	1.0139	.19390	463.82	25.960	28.790	44.079	1.0937	5.4220	18.330	5.1817	60.909	2.1834
#1	k -.00500	46.703	k -.00402	.00453	k .00071	k -.00016	k 1.0325	k -.02622	k -.00148	k .00203	k .00031	k .01546
#2	k -.00493	46.575	k .00214	.00313	k .00047	k -.00008	k 1.0167	k -.02831	k -.00114	k .00218	k .00012	k .01499
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	kF **43.113**	**.13221**	k **.00054**	k **-.28207**	**-.00044**	**-.00208**	F **276.27**	**.00074**	**.00111**	k **.00713**	**4.9479**	k **-.01906**
Stddev	.097	.01643	.00112	.00057	.00004	.00006	.03	.00008	.00216	.00074	.0547	.00242
%RSD	.22384	12.427	208.36	.20199	9.4206	3.1105	.01052	11.368	194.43	10.402	1.1050	12.699
#1	k 43.045	.14382	k .00133	k -.28166	-.00047	-.00212	276.29	.00068	.00264	k .00660	4.9865	k -.02077
#2	k 43.181	.12059	k -.00026	k -.28247	-.00041	-.00203	276.25	.00079	-.00042	k .00765	4.9092	k -.01734
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **-.01235**	k **.02422**	k **.00123**	**.00037**	k **5.1650**	k **.02788**	k **-.00546**	k **10.009**	k **.00250**	k **.00185**	k **.12747**
Stddev	.00094	.00243	.00004	.00017	.0118	.00020	.00052	.008	.00067	.00012	.00012
%RSD	7.5962	10.042	2.9189	45.498	.22851	.72641	9.5231	.08349	26.883	6.3458	.09250
#1	k -.01168	k .02594	k .00121	.00025	k 5.1734	k .02802	k -.00583	k 10.003	k .00298	k .00193	k .12739
#2	k -.01301	k .02250	k .00126	.00049	k 5.1567	k .02773	k -.00509	k 10.014	k .00203	k .00177	k .12755
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4693.0**	**69675.**	**5328.4**
Stddev	35.3	45.	26.2
%RSD	.75282	.06414	.49229
#1	4668.0	69643.	5309.9
#2	4718.0	69706.	5347.0

Sample Name: CCV-1012098 Acquired: 9/29/2011 20:30:42 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49971**	**.51201**	**.98524**	**.50207**	**.52118**	**.47331**	**-.00168**	**4.6967**	**.50348**	**.50942**	**.50894**	**.50962**
Stddev	.00002	.00074	.00172	.00117	.00168	.00185	.00049	.0295	.00117	.00114	.00097	.00103
%RSD	.00460	.14539	.17462	.23288	.32313	.39101	29.342	.62798	.23263	.22356	.19093	.20178
#1	.49970	.51253	.98402	.50289	.52237	.47462	-.00203	4.7176	.50430	.51023	.50963	.51035
#2	.49973	.51148	.98645	.50124	.51999	.47200	-.00133	4.6759	.50265	.50862	.50826	.50889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.0383**	**54.465**	F **1.1216**	**20.110**	**.51077**	**.50025**	F **5.6502**	**.52184**	**1.0055**	**1.0040**	**-.00443**	**.99889**
Stddev	.0049	.199	.0003	.060	.00116	.00115	.0603	.00150	.0016	.0048	.00070	.00971
%RSD	.24167	.36569	.02465	.29900	.22743	.23029	1.0665	.28686	.15758	.48003	15.790	.97239
#1	2.0418	54.606	1.1215	20.153	.51160	.50106	5.6928	.52290	1.0044	1.0074	-.00492	1.0058
#2	2.0348	54.325	1.1218	20.068	.50995	.49944	5.6076	.52078	1.0067	1.0006	-.00393	.99202
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.97438**	**4.6648**	**1.0434**	**.51357**	**-.00064**	**.49239**	**1.0230**	**-.00109**	**.50324**	**.50001**	**.47999**
Stddev	.00036	.0036	.0014	.00141	.00204	.00052	.0047	.00328	.00078	.00184	.00173
%RSD	.03673	.07697	.13086	.27444	318.21	.10628	.45911	300.88	.15509	.36866	.36127
#1	.97463	4.6623	1.0444	.51457	-.00209	.49276	1.0263	-.00341	.50379	.50131	.47877
#2	.97413	4.6674	1.0425	.51257	.00080	.49202	1.0197	.00123	.50269	.49870	.48122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4844.6**	**71341.**	**5344.0**
Stddev	29.3	272.	49.8
%RSD	.60541	.38069	.93269
#1	4823.9	71149.	5308.8
#2	4865.3	71533.	5379.3

Sample Name: CCB Acquired: 9/29/2011 20:33:12 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00110**	**.00008**	W **.00490**	W **.00233**	W **.00069**	**.00005**	**-.00402**	**-.00792**	**.00019**	**-.00012**	**-.00005**
Stddev	.00064	.00023	.00254	.00003	.00007	.00014	.00155	.00016	.00010	.00010	.00015
%RSD	57.808	267.87	51.897	1.2929	10.020	290.85	38.502	1.9862	50.485	83.161	309.49
#1	.00155	.00024	.00310	.00231	.00074	.00015	-.00292	-.00781	.00012	-.00005	-.00016
#2	.00065	-.00008	.00670	.00236	.00064	-.00005	-.00511	-.00803	.00026	-.00019	.00006
Check ?	Chk Warn	Chk Pass	Chk Warn	Chk Warn	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.00093		.00440	.00156	.00058						
Low Limit	-.00093		-.00440	-.00156	-.00058						

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00055**	**-.00216**	**.07801**	W **.00292**	**-.00099**	**-.00009**	**.00235**	F **.28258**	**.00032**	**.00060**	**.00021**
Stddev	.00015	.00159	.03406	.00112	.00111	.00004	.00063	.01580	.00051	.00096	.00069
%RSD	28.366	73.731	43.665	38.542	111.55	46.877	26.951	5.5906	159.73	159.29	331.27
#1	-.00044	-.00329	.05392	.00212	-.00021	-.00012	.00190	.27140	-.00004	-.00008	-.00028
#2	-.00066	-.00103	.10210	.00371	-.00177	-.00006	.00280	.29375	.00068	.00129	.00070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit				.00261				.10000			
Low Limit				-.00261				-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00301**	F **.01064**	**.00410**	**.00702**	**.00049**	**.00014**	**.00064**	**.00010**	**-.00161**	**-.00326**	**-.00002**
Stddev	.00089	.00215	.00591	.00657	.00013	.00010	.00070	.00014	.00097	.03420	.00070
%RSD	29.498	20.229	143.90	93.524	26.572	72.795	108.86	139.98	59.841	1049.1	3326.6
#1	-.00363	.00912	.00828	.00238	.00058	.00007	.00015	.00020	-.00230	.02092	.00047
#2	-.00238	.01217	-.00007	.01166	.00039	.00021	.00113	.00000	-.00093	-.02744	-.00052
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628									
Low Limit		-.00628									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00080**	**-.00070**
Stddev	.00005	.00144
%RSD	6.0940	203.75
#1	.00077	.00031
#2	.00084	-.00172
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4878.9**	**73279.**	**5317.2**
Stddev	8.2	292.	45.2
%RSD	.16838	.39806	.85064
#1	4873.1	73073.	5349.2
#2	4884.7	73485.	5285.2

Sample Name: CCVL1018383 Acquired: 9/29/2011 20:35:57 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01031**	**.10424**	**.01626**	**.09913**	**.01092**	**.00095**	**.11041**	**.18060**	**.00489**	**.01053**	**.00993**	**.01495**
Stddev	.00012	.00051	.00060	.00023	.00039	.00012	.00326	.00422	.00002	.00023	.00015	.00014
%RSD	1.1623	.48865	3.6946	.23342	3.5682	12.511	2.9568	2.3359	.34972	2.1917	1.5285	.93269
#1	.01022	.10460	.01583	.09896	.01119	.00086	.11272	.17761	.00491	.01037	.00983	.01505
#2	.01039	.10388	.01668	.09929	.01064	.00103	.10810	.18358	.00488	.01070	.01004	.01485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08105**	**3.3099**	**.01129**	**.20309**	**.01032**	**.01901**	F **1.3510**	**.04260**	**2.8937**	**.00913**	**-.00384**	**.01036**
Stddev	.00034	.0230	.00186	.00104	.00000	.00004	.0308	.00037	.0027	.00030	.00072	.00169
%RSD	.42379	.69384	16.460	.51167	.00664	.19547	2.2785	.86378	.09225	3.2586	18.644	16.310
#1	.08081	3.3262	.01261	.20383	.01032	.01903	1.3727	.04286	2.8955	.00934	-.00434	.00917
#2	.08130	3.2937	.00998	.20236	.01032	.01898	1.3292	.04234	2.8918	.00892	-.00333	.01156
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value							1.0000					
Range							30.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01382**	**.46645**	**.10375**	**.01039**	**.01605**	**.00969**	**.01543**	**.06335**	**.00951**	**.02132**	**.01330**
Stddev	.00271	.00268	.00117	.00013	.00034	.00034	.00014	.01799	.00019	.00041	.00095
%RSD	19.606	.57398	1.1245	1.2655	2.1469	3.4969	.89059	28.393	2.0212	1.9354	7.1107
#1	.01573	.46834	.10293	.01048	.01580	.00945	.01533	.05063	.00964	.02161	.01263
#2	.01190	.46456	.10458	.01030	.01629	.00993	.01553	.07607	.00937	.02103	.01397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4908.5**	**73267.**	**5301.3**
Stddev	16.2	142.	29.3
%RSD	.32958	.19368	.55265
#1	4919.9	73368.	5280.6
#2	4897.1	73167.	5322.0

Sample Name: 280-20685-H-1-A Acquired: 9/29/2011 20:38:39 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00085**	**.00464**	**.00036**	**.00044**	**.00056**	**-.00002**	**-.00446**	**.05478**	**.00006**	**.00012**
Stddev	.00056	.00015	.00110	.00024	.00017	.00003	.00046	.00169	.00002	.00025
%RSD	66.017	3.1582	304.36	54.251	29.835	116.35	10.332	3.0820	40.485	203.68
#1	.00045	.00454	-.00042	.00027	.00068	.00000	-.00414	.05597	.00007	-.00005
#2	.00125	.00474	.00114	.00061	.00044	-.00004	-.00479	.05358	.00004	.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00024**	**.00044**	**.00173**	**.01272**	**.00025**	**.00413**	**.00093**	**-.00035**	**.25137**	**-.00010**
Stddev	.00018	.00013	.00112	.03744	.00023	.00036	.00003	.00010	.00669	.00008
%RSD	76.693	28.951	64.507	294.33	93.148	8.8086	3.6407	27.604	2.6622	81.207
#1	-.00036	.00053	.00252	-.01375	.00009	.00438	.00095	-.00029	.25610	-.00016
#2	-.00011	.00035	.00094	.03919	.00042	.00387	.00091	-.00042	.24664	-.00004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00086**	**-.00023**	**.01928**	**-.00113**	**-.00175**	**.00247**	**-.00004**	**.00002**	**.00008**	**-.00008**
Stddev	.00222	.00022	.00092	.00167	.00033	.00187	.00004	.00013	.00052	.00034
%RSD	258.61	94.745	4.7841	147.04	19.092	75.442	102.84	809.62	662.42	433.85
#1	-.00071	-.00008	.01863	-.00231	-.00199	.00379	-.00007	-.00007	-.00029	-.00032
#2	.00243	-.00038	.01993	.00005	-.00151	.00115	-.00001	.00011	.00045	.00016
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00165**	**.00623**	**-.00007**	**.00422**	**.00039**
Stddev	.00083	.00170	.00037	.00042	.00041
%RSD	50.065	27.341	511.58	10.058	105.94
#1	-.00224	.00503	-.00033	.00452	.00010
#2	-.00107	.00744	.00019	.00392	.00068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5009.3**	**75013.**	**5383.6**
Stddev	2.3	57.	27.9
%RSD	.04664	.07640	.51851
#1	5007.7	74972.	5363.9
#2	5011.0	75053.	5403.4

Sample Name: 280-20609-F-1-A Acquired: 9/29/2011 20:41:23 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00094**	**.26525**	**-.00145**	**.00816**	**.08607**	**-.00007**	**-.00415**	**70.919**	**.00009**	**.00199**
Stddev	.00012	.00104	.00080	.00032	.00040	.00004	.00091	.311	.00000	.00014
%RSD	12.343	.39376	55.122	3.9493	.46780	54.125	22.060	.43892	5.0876	7.2030
#1	.00086	.26451	-.00088	.00793	.08578	-.00009	-.00479	70.699	.00008	.00188
#2	.00102	.26599	-.00201	.00838	.08635	-.00004	-.00350	71.139	.00009	.00209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00067**	**.00209**	**.18394**	**1.7817**	**.00893**	**32.368**	**.63771**	**-.00033**	**22.808**	**.00227**
Stddev	.00006	.00015	.00208	.0459	.00032	.046	.00105	.00035	.296	.00010
%RSD	8.9405	7.1243	1.1289	2.5751	3.6288	.14218	.16424	103.87	1.2999	4.2738
#1	.00071	.00198	.18247	1.7493	.00916	32.336	.63697	-.00058	22.598	.00220
#2	.00062	.00219	.18541	1.8141	.00871	32.401	.63845	-.00009	23.017	.00233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00857**	**.00035**	**33.658**	**.00090**	**-.00001**	**2.7722**	**.00098**	**.14743**	**-.00025**	**.00703**
Stddev	.00119	.00047	.046	.00024	.00066	.0021	.00051	.00039	.00047	.00115
%RSD	13.870	133.66	.13752	26.280	10095.	.07458	51.830	.26364	187.71	16.367
#1	.00773	.00068	33.691	.00073	-.00047	2.7708	.00062	.14716	-.00059	.00784
#2	.00941	.00002	33.625	.00106	.00046	2.7737	.00134	.14771	.00008	.00622
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00016**	**.00738**	**-.00029**	**.01501**	**-.00041**
Stddev	.00089	.02871	.00050	.00062	.00021
%RSD	565.76	388.77	175.28	4.1204	50.685
#1	.00047	.02768	.00007	.01458	-.00056
#2	-.00079	-.01292	-.00064	.01545	-.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4726.1**	**70252.**	**5317.3**
Stddev	24.4	139.	12.7
%RSD	.51604	.19818	.23918
#1	4708.8	70351.	5326.3
#2	4743.3	70154.	5308.3

Sample Name: 280-20620-M-1-A Acquired: 9/29/2011 20:44:04 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00074**	**.00188**	**.00020**	**.10085**	**.00697**	**-.00010**	**-.00366**	**76.266**	**-.00041**	**.00063**
Stddev	.00057	.00097	.00116	.00053	.00031	.00001	.00112	.505	.00003	.00001
%RSD	77.810	51.711	571.17	.52124	4.4037	14.314	30.571	.66183	7.8751	.84454
#1	.00115	.00120	.00102	.10123	.00675	-.00009	-.00287	76.623	-.00039	.00063
#2	.00033	.00257	-.00062	.10048	.00719	-.00011	-.00445	75.909	-.00044	.00062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.00189**	**.25163**	**4.6172**	**.10761**	**29.153**	**.05167**	**.00359**	**484.77**	**.00168**
Stddev	.00001	.00035	.00196	.0030	.00196	.037	.00005	.00029	2.17	.00003
%RSD	83.893	18.733	.77720	.06587	1.8211	.12623	.09361	8.1116	.44669	1.9001
#1	-.00002	.00164	.25301	4.6193	.10622	29.127	.05164	.00338	486.30	.00166
#2	-.00001	.00214	.25025	4.6150	.10899	29.179	.05171	.00379	483.24	.00171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00150**	**-.00114**	**322.14**	**-.00100**	**-.00228**	**3.7582**	**.00000**	**1.6050**	**-.00147**	**-.00031**
Stddev	.00089	.00117	.52	.00025	.00052	.0194	.0005	.0104	.00173	.00048
%RSD	58.983	102.98	.16079	25.264	22.916	.51643	108880.	.64468	117.77	153.58
#1	.00088	-.00031	321.77	-.00118	-.00191	3.7719	-.00036	1.6123	-.00025	.00003
#2	.00213	-.00196	322.51	-.00082	-.00265	3.7445	.00036	1.5977	-.00269	-.00066
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00131**	**.03618**	**.00034**	**.01158**	**-.00084**
Stddev	.00075	.00505	.00003	.00010	.00257
%RSD	57.336	13.947	8.0689	.89188	305.40
#1	.00078	.03975	.00032	.01166	-.00265
#2	.00183	.03261	.00036	.01151	.00097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4571.7**	**66269.**	**5184.7**
Stddev	6.6	95.	17.3
%RSD	.14518	.14328	.33319
#1	4576.4	66336.	5196.9
#2	4567.0	66202.	5172.5

Sample Name: 280-20620-M-2-A Acquired: 9/29/2011 20:46:52 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00082**	**.00121**	**.00020**	**.10207**	**.00681**	**-.00013**	**-.00723**	**80.640**	**.00009**	**.00033**
Stddev	.00007	.00031	.00097	.00063	.00023	.00005	.00187	.173	.00014	.00029
%RSD	8.1183	25.981	483.27	.61914	3.3748	40.100	25.850	.21422	153.17	87.920
#1	.00087	.00143	-.00049	.10162	.00697	-.00017	-.00591	80.762	.00020	.00054
#2	.00077	.00099	.00089	.10251	.00665	-.00009	-.00855	80.518	-.00001	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**.00189**	**.29571**	**4.8797**	**.11542**	**30.948**	**.05583**	**.00395**	**496.83**	**.00210**
Stddev	.00001	.00010	.00204	.0359	.00107	.127	.00029	.00001	1.39	.00040
%RSD	11.817	5.0602	.69119	.73576	.92492	.41163	.51906	.25030	.28065	19.118
#1	-.00011	.00182	.29716	4.9051	.11467	31.038	.05604	.00394	497.82	.00182
#2	-.00013	.00196	.29427	4.8543	.11618	30.858	.05563	.00396	495.85	.00239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00399**	W **-.00320**	**334.97**	**.00056**	**-.00316**	**3.9211**	**-.00046**	**1.6897**	**.00036**	**-.00058**
Stddev	.00043	.00164	.42	.00235	.00182	.0109	.00023	.0047	.00222	.00027
%RSD	10.666	51.286	.12434	418.43	57.472	.27871	50.105	.27944	622.83	46.513
#1	.00369	-.00436	334.68	.00222	-.00188	3.9133	-.00062	1.6930	.00193	-.00077
#2	.00430	-.00204	335.27	-.00110	-.00444	3.9288	-.00029	1.6863	-.00121	-.00039
Check ?	Chk Pass	Chk Warn	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		10.000								
Low Limit		-.00300								

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00071**	**-.00396**	**.00077**	**.01114**	**-.00185**
Stddev	.00026	.03295	.00057	.00018	.00150
%RSD	36.314	832.07	74.180	1.6068	81.195
#1	.00052	-.02726	.00036	.01101	-.00291
#2	.00089	.01934	.00117	.01126	-.00079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4537.6**	**66905.**	**5292.1**
Stddev	13.6	528.	10.8
%RSD	.29924	.78958	.20351
#1	4528.0	66531.	5299.7
#2	4547.2	67278.	5284.5

Sample Name: 280-20620-M-5-A Acquired: 9/29/2011 20:49:39 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00104**	**.02239**	**.00526**	**.09075**	**.00731**	**-.00005**	**.00063**	**78.655**	**-.00026**	**.00047**
Stddev	.00003	.00052	.00316	.00065	.00022	.00001	.00097	.221	.00021	.00021
%RSD	2.6189	2.3315	60.101	.71913	3.0074	26.945	154.19	.28149	82.307	43.723
#1	.00106	.02276	.00303	.09029	.00715	-.00004	.00131	78.812	-.00011	.00032
#2	.00102	.02202	.00750	.09122	.00746	-.00006	-.00006	78.499	-.00041	.00061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00265**	**.00467**	**20.552**	**6.9348**	**.16249**	**30.111**	**.31491**	**.00888**	W **1124.3**	**.00196**
Stddev	.00006	.00033	.036	.0192	.00264	.016	.00040	.00002	1.3	.00003
%RSD	2.1906	7.0285	.17621	.27609	1.6234	.05181	.12674	.24580	.11277	1.2929
#1	.00269	.00490	20.578	6.9213	.16435	30.122	.31520	.00887	1125.2	.00198
#2	.00261	.00443	20.526	6.9484	.16062	30.100	.31463	.00890	1123.4	.00194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03246**	**-.00054**	**692.16**	**.00112**	**.00010**	**3.0155**	**-.00088**	**1.9165**	**.00075**	**-.00020**
Stddev	.00102	.00068	.03	.00122	.00160	.0274	.00087	.0006	.00157	.00002
%RSD	3.1332	125.22	.00371	109.34	1618.0	.90945	98.971	.03378	209.80	10.002
#1	.03174	-.00006	692.18	.00198	.00123	3.0349	-.00149	1.9170	-.00036	-.00021
#2	.03317	-.00102	692.15	.00025	-.00103	2.9961	-.00026	1.9161	.00186	-.00019
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00125**	**.03154**	**.00189**	**.02132**	**.00076**
Stddev	.00059	.00166	.00036	.00011	.00106
%RSD	47.082	5.2736	18.855	.52139	139.18
#1	.00166	.03272	.00164	.02140	.00001
#2	.00083	.03036	.00214	.02124	.00152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4414.9**	**64038.**	**5222.4**
Stddev	25.0	58.	6.6
%RSD	.56517	.09055	.12727
#1	4432.6	64079.	5217.7
#2	4397.3	63997.	5227.1

Sample Name: 280-20620-M-6-A Acquired: 9/29/2011 20:53:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00045**	**.00777**	**-.00097**	**.13669**	**.00692**	**-.00001**	**-.00009**	**3.1033**	**-.00016**	**.00005**
Stddev	.00035	.00009	.00065	.00062	.00025	.00004	.00230	.0045	.00003	.00007
%RSD	78.046	1.1733	67.368	.45269	3.5524	696.14	2490.0	.14411	18.152	148.75
#1	.00069	.00784	-.00051	.13713	.00674	.00002	-.00172	3.1064	-.00018	.00000
#2	.00020	.00771	-.00143	.13625	.00709	-.00003	.00154	3.1001	-.00014	.00010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**.00110**	**.01316**	**1.3524**	**.04848**	**1.0246**	**.00463**	**.00778**	**409.83**	**.00058**
Stddev	.00019	.00016	.00225	.0099	.00103	.0088	.00008	.00023	.73	.00028
%RSD	73.917	14.674	17.071	.73395	2.1149	.85527	1.7035	2.9956	.17728	48.680
#1	-.00013	.00099	.01157	1.3454	.04775	1.0184	.00457	.00794	410.34	.00078
#2	-.00040	.00122	.01475	1.3594	.04920	1.0308	.00469	.00762	409.31	.00038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01294**	**-.00051**	**154.47**	**-.00021**	**.00138**	**3.2500**	**.00020**	**.10954**	**-.00046**	**-.00028**
Stddev	.00155	.00024	.41	.00180	.00070	.0333	.00008	.00025	.00265	.00001
%RSD	11.949	46.524	.26804	837.03	50.763	1.0246	42.567	.23071	570.72	5.0772
#1	.01184	-.00034	154.76	.00106	.00088	3.2736	.00026	.10972	.00141	-.00029
#2	.01403	-.00067	154.17	-.00149	.00187	3.2265	.00014	.10936	-.00234	-.00027
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00054**	**.03358**	**.00023**	**.00676**	**-.00114**
Stddev	.00003	.02929	.00021	.00036	.00055
%RSD	4.6165	87.201	91.807	5.2982	48.208
#1	.00056	.01288	.00008	.00651	-.00075
#2	.00053	.05429	.00038	.00702	-.00153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4687.7**	**68488.**	**5304.2**
Stddev	20.5	372.	87.1
%RSD	.43814	.54289	1.6412
#1	4702.2	68751.	5242.6
#2	4673.1	68225.	5365.7

Sample Name: 280-20620-M-7-A Acquired: 9/29/2011 20:56:01 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00097**	**.02385**	**.00364**	**.07897**	**.00980**	**-.00010**	**-.00794**	**111.69**	**-.00016**	**.00127**
Stddev	.00015	.00005	.00053	.00050	.00008	.00007	.00376	.05	.00021	.00009
%RSD	15.902	.23046	14.614	.63424	.85069	68.246	47.383	.04276	132.69	6.7493
#1	.00086	.02381	.00327	.07862	.00974	-.00015	-.00528	111.72	-.00031	.00121
#2	.00108	.02388	.00402	.07933	.00986	-.00005	-.01060	111.65	-.00001	.00133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00059**	**.00104**	**.28389**	**8.1183**	**.10728**	**41.292**	**.14823**	**.00205**	**210.78**	**.00614**
Stddev	.00022	.00049	.00192	.0456	.00243	.045	.00024	.00010	.33	.00036
%RSD	37.772	46.992	.67606	.56135	2.2691	.10849	.16211	4.6742	.15869	5.9307
#1	.00075	.00069	.28525	8.1505	.10556	41.260	.14806	.00211	211.02	.00639
#2	.00044	.00139	.28253	8.0861	.10900	41.324	.14840	.00198	210.54	.00588
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00797**	**.00002**	**244.92**	**.00148**	**.00018**	**7.4657**	**-.00010**	**4.9517**	**-.00159**	**.00031**
Stddev	.00111	.00018	.09	.00115	.00029	.0293	.00027	.0144	.00199	.00024
%RSD	13.966	1048.9	.03760	77.810	162.12	.39287	286.03	.28990	124.83	78.233
#1	.00718	.00014	244.99	.00067	.00038	7.4864	-.00029	4.9618	-.00300	.00048
#2	.00876	-.00011	244.86	.00230	-.00003	7.4449	.00010	4.9415	-.00019	.00014
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00061**	**.01375**	**.00014**	**.00626**	**-.00045**
Stddev	.00034	.03372	.00021	.00021	.00110
%RSD	56.005	245.16	146.53	3.4054	246.20
#1	-.00037	.03759	.00029	.00641	-.00123
#2	-.00085	-.01009	-.00001	.00610	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4660.1**	**69168.**	**5372.9**
Stddev	.3	299.	43.5
%RSD	.00627	.43249	.80964
#1	4660.3	69380.	5403.6
#2	4659.9	68957.	5342.1

Sample Name: CCVH-1018440 Acquired: 9/29/2011 20:58:45 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01765**	**46.388**	**-.00195**	**.00223**	**.00126**	**-.00008**	**1.0586**	**-.01639**	**-.00136**	**.00226**	**-.00022**	**.00049**
Stddev	.00035	.354	.00143	.00018	.00016	.00004	.0027	.00184	.00007	.00009	.00006	.00012
%RSD	1.9596	.76315	73.327	7.9758	12.362	42.950	.25961	11.198	4.8535	3.9776	28.395	24.564
#1	-.01740	46.137	-.00297	.00211	.00115	-.00006	1.0566	-.01510	-.00140	.00220	-.00026	.00041
#2	-.01789	46.638	-.00094	.00236	.00137	-.00011	1.0605	-.01769	-.00131	.00232	-.00017	.00058
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **39.823**	**.05801**	**.00231**	**-.03697**	**-.00036**	**-.00243**	F **278.54**	**.00067**	**.00053**	**-.00222**	**5.1138**	**-.00843**
Stddev	.247	.05456	.00009	.00234	.00003	.00011	1.57	.00011	.00070	.00090	.0226	.00248
%RSD	.61975	94.052	3.8556	6.3168	7.9543	4.3935	.56418	16.606	130.51	40.493	.44256	29.392
#1	39.648	.09659	.00224	-.03862	-.00034	-.00235	277.43	.00075	.00102	-.00285	5.0978	-.00668
#2	39.997	.01943	.00237	-.03532	-.00038	-.00250	279.65	.00059	.00004	-.00158	5.1298	-.01018
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00748**	**.01598**	**.00198**	**.00047**	**4.9280**	**-.00718**	**.00042**	**10.122**	**.00101**	**.00155**	**-.19824**
Stddev	.00300	.01107	.00000	.00005	.0037	.00030	.00042	.040	.00016	.00035	.00167
%RSD	40.109	69.300	.14842	9.8394	.07398	4.2478	101.75	.39997	15.627	22.622	.84378
#1	.00960	.02380	.00199	.00050	4.9306	-.00740	.00071	10.150	.00090	.00130	-.19942
#2	.00536	.00815	.00198	.00044	4.9254	-.00696	.00012	10.093	.00112	.00179	-.19706
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4740.2**	**70214.**	**5348.6**
Stddev	31.1	213.	44.0
%RSD	.65563	.30377	.82278
#1	4718.2	70365.	5379.7
#2	4762.1	70063.	5317.5

Sample Name: CCV-1012098 Acquired: 9/29/2011 21:01:27 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50036**	**.51067**	**.99081**	**.50363**	**.52170**	**.47480**	**-.00149**	**4.7395**	**.50625**	**.51041**	**.50898**	**.50918**
Stddev	.00001	.00185	.00363	.00164	.00074	.00063	.00163	.0034	.00062	.00034	.00107	.00053
%RSD	.00244	.36228	.36671	.32632	.14124	.13224	109.68	.07086	.12338	.06642	.21045	.10322
#1	.50036	.50936	.98824	.50247	.52117	.47525	-.00264	4.7371	.50581	.51017	.50822	.50881
#2	.50037	.51198	.99338	.50479	.52222	.47436	-.00033	4.7418	.50669	.51065	.50974	.50955
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.0083**	**54.577**	F **1.1333**	**19.835**	**.50699**	**.50273**	F **5.7266**	**.52385**	**1.0079**	**1.0059**	**.06301**	**1.0057**
Stddev	.0072	.071	.0013	.070	.00202	.00014	.0112	.00077	.0035	.0030	.00052	.0008
%RSD	.35695	.12960	.11225	.35276	.39814	.02751	.19501	.14670	.34859	.29631	.82493	.08380
#1	2.0134	54.627	1.1324	19.786	.50556	.50263	5.7345	.52330	1.0054	1.0038	.06338	1.0063
#2	2.0032	54.527	1.1342	19.885	.50842	.50283	5.7187	.52439	1.0104	1.0080	.06265	1.0051
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98058**	**4.6292**	**1.0450**	**.51411**	**-.00072**	**.49097**	**1.0224**	**-.00755**	**.49800**	**.49261**	**.48567**
Stddev	.00705	.0196	.0019	.00027	.00163	.00171	.0055	.00203	.00221	.00083	.00316
%RSD	.71896	.42244	.18330	.05279	226.79	.34841	.54120	26.881	.44373	.16765	.65031
#1	.98557	4.6154	1.0437	.51430	-.00187	.48976	1.0185	-.00612	.49644	.49203	.48343
#2	.97560	4.6431	1.0464	.51392	.00043	.49217	1.0263	-.00899	.49956	.49320	.48790
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4904.4**	**73236.**	**5357.9**
Stddev	30.8	461.	20.7
%RSD	.62727	.62987	.38546
#1	4926.1	73562.	5343.3
#2	4882.6	72909.	5372.5

Sample Name: CCB Acquired: 9/29/2011 21:03:59 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00079**	**-.00041**	**-.00013**	**.00035**	**.00043**	**.00007**	**-.00665**	**-.00887**	**.00008**	**.00015**	**.00016**	**-.00047**
Stddev	.00015	.00041	.00172	.00054	.00051	.00001	.00107	.00114	.00007	.00048	.00018	.00037
%RSD	19.149	101.60	1346.2	154.89	116.50	7.6593	16.094	12.851	86.733	313.86	118.67	79.871
#1	.00090	-.00070	-.00134	-.00003	.00079	.00007	-.00741	-.00807	.00003	-.00018	.00003	-.00020
#2	.00069	-.00011	.00109	.00073	.00008	.00006	-.00590	-.00968	.00013	.00049	.00029	-.00073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit												
Low Limit												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00219**	**.03668**	**.00169**	**-.00123**	**-.00010**	**.00277**	F **.29605**	**.00009**	**-.00068**	**-.00233**	**.03932**	F **.01306**
Stddev	.00113	.05652	.00279	.00229	.00004	.00076	.00336	.00014	.00070	.00022	.00393	.00170
%RSD	51.517	154.10	165.27	186.33	36.480	27.646	1.1360	158.40	102.48	9.5863	9.9851	12.999
#1	-.00139	-.00329	-.00028	-.00285	-.00007	.00223	.29367	.00019	-.00118	-.00217	.04210	.01186
#2	-.00298	.07665	.00366	.00039	-.00012	.00331	.29842	-.00001	-.00019	-.00249	.03654	.01426
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail
High Limit							.10000					.00628
Low Limit							-.10000					-.00628

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00330**	**.00399**	**.00086**	**-.00008**	**.00138**	**.00025**	**.00024**	**.00311**	**-.00012**	**.00169**	**-.00146**
Stddev	.00119	.01228	.00066	.00003	.00251	.00009	.00200	.01030	.00010	.00030	.00221
%RSD	35.892	307.37	77.498	40.463	181.08	36.180	826.16	331.30	84.208	17.604	151.60
#1	.00247	-.00469	.00039	-.00006	-.00039	.00019	-.00117	.01039	-.00019	.00190	.00011
#2	.00414	.01268	.00132	-.00010	.00316	.00031	.00165	-.00417	-.00005	.00148	-.00303
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4909.5**	**73944.**	**5317.9**
Stddev	11.9	40.	12.5
%RSD	.24243	.05453	.23546
#1	4901.1	73972.	5309.1
#2	4917.9	73915.	5326.8

Sample Name: CCVL1018383 Acquired: 9/29/2011 21:06:45 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01033**	**.10369**	**.01462**	**.09803**	**.01068**	**.00093**	**.11260**	**.18837**	**.00498**	**.01045**	**.01006**
Stddev	.00018	.00025	.00092	.00005	.00047	.00001	.00082	.00038	.00005	.00037	.00002
%RSD	1.7112	.23877	6.3246	.05084	4.4411	1.4034	.72860	.20218	.92353	3.4934	.23082
#1	.01046	.10351	.01528	.09806	.01035	.00092	.11201	.18810	.00495	.01020	.01008
#2	.01021	.10386	.01397	.09799	.01102	.00094	.11318	.18864	.00502	.01071	.01005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01525**	W **.07784**	**3.3244**	**.01167**	**.20653**	**.01044**	**.01963**	F **1.3616**	**.04245**	**2.8849**	**.00844**
Stddev	.00028	.00103	.0602	.00223	.00289	.00003	.00029	.0014	.00019	.0050	.00071
%RSD	1.8553	1.3198	1.8104	19.112	1.4015	.32681	1.4706	.10537	.45015	.17467	8.4277
#1	.01505	.07856	3.2819	.01010	.20857	.01046	.01983	1.3626	.04258	2.8814	.00895
#2	.01545	.07711	3.3670	.01325	.20448	.01041	.01943	1.3606	.04231	2.8885	.00794
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000						1.0000			
Range		-20.000%						30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03255**	W **.01200**	**.01459**	**.43984**	**.10226**	**.01024**	**.01470**	**.00962**	**.01533**	W **.07621**	**.01005**
Stddev	.00307	.00035	.00045	.01071	.00040	.00013	.00005	.00023	.00096	.01840	.00013
%RSD	9.4371	2.8795	3.0780	2.4359	.39297	1.2867	.33176	2.3908	6.2505	24.143	1.3014
#1	.03472	.01224	.01491	.43227	.10198	.01015	.01473	.00978	.01465	.08922	.01014
#2	.03038	.01176	.01427	.44742	.10254	.01034	.01466	.00946	.01600	.06320	.00996
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value		.01000								.06000	
Range		20.000%								20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02338**	**.01579**
Stddev	.00036	.00179
%RSD	1.5248	11.326
#1	.02313	.01452
#2	.02363	.01705
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4988.6**	**73768.**	**5396.2**
Stddev	1.2	377.	66.1
%RSD	.02367	.51087	1.2252
#1	4987.7	73502.	5443.0
#2	4989.4	74035.	5349.5

Sample Name: 280-20620-M-8-A Acquired: 9/29/2011 21:09:29 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00046**	**.00368**	**-.00190**	**.29781**	**.00731**	**.00004**	**-.00152**	**3.2032**	**-.00007**	**.00013**
Stddev	.00062	.00054	.00385	.00077	.00055	.00003	.00158	.0134	.00009	.00020
%RSD	135.45	14.752	202.81	.25768	7.4779	63.603	103.77	.41688	129.19	153.85
#1	.00002	.00329	.00082	.29835	.00692	.00006	-.00264	3.2127	-.00014	-.00001
#2	.00089	.00406	-.00463	.29727	.00769	.00002	-.00041	3.1938	-.00001	.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.00059**	**.00774**	**1.4422**	**.01086**	**.58415**	**.00250**	**.00101**	**464.81**	**.00018**
Stddev	.00017	.00052	.00351	.0419	.00484	.00271	.00003	.00028	1.52	.00014
%RSD	1714.9	88.406	45.379	2.9078	44.587	.46447	1.3263	27.714	.32743	75.840
#1	.00011	.00022	.00526	1.4718	.01428	.58607	.00247	.00081	465.88	.00028
#2	-.00013	.00095	.01023	1.4125	.00743	.58223	.00252	.00120	463.73	.00008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02864**	**-.00048**	**197.70**	**.00049**	**-.00343**	**3.1868**	**.00010**	**.15832**	**-.00053**	**-.00022**
Stddev	.00042	.00053	.07	.00139	.00036	.0041	.00094	.00039	.00123	.00029
%RSD	1.4551	110.76	.03638	281.22	10.522	.12865	963.96	.24621	231.34	131.69
#1	.02834	-.00010	197.75	-.00049	-.00317	3.1897	.00076	.15859	-.00141	-.00002
#2	.02893	-.00086	197.65	.00148	-.00368	3.1839	-.00057	.15804	.00034	-.00042
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**.01967**	**.00012**	**.00245**	**-.00090**
Stddev	.00059	.02722	.00065	.00001	.00115
%RSD	66.372	138.44	550.91	.57757	127.08
#1	.00047	.00042	-.00034	.00246	-.00172
#2	.00130	.03892	.00057	.00244	-.00009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4716.4**	**68427.**	**5326.5**
Stddev	14.9	551.	30.9
%RSD	.31607	.80527	.58019
#1	4727.0	68037.	5304.7
#2	4705.9	68817.	5348.4

Sample Name: 280-20620-M-9-A Acquired: 9/29/2011 21:12:20 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00049**	**.00326**	**.00109**	**.29647**	**.00708**	**-.00001**	**-.00430**	**3.1652**	**-.00004**	**.00024**
Stddev	.00023	.00033	.00011	.00016	.00021	.00003	.00069	.0052	.00012	.00013
%RSD	47.573	10.115	9.9685	.05430	2.8944	378.40	15.960	.16428	342.03	55.973
#1	.00032	.00349	.00117	.29636	.00694	-.00003	-.00479	3.1615	.00005	.00034
#2	.00065	.00302	.00101	.29659	.00723	.00001	-.00382	3.1689	-.00012	.00015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.00107**	**.00260**	**1.4513**	**.01070**	**.57914**	**.00211**	**.00086**	**461.90**	**.00056**
Stddev	.00010	.00050	.00123	.0220	.00156	.00098	.00003	.00020	.33	.00008
%RSD	1671.8	46.922	47.376	1.5162	14.545	.16870	1.2454	23.055	.07217	14.544
#1	.00007	.00071	.00173	1.4357	.01180	.57983	.00209	.00100	461.66	.00050
#2	-.00008	.00142	.00347	1.4669	.00960	.57844	.00213	.00072	462.14	.00062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02883**	**.00000**	**196.49**	**.00106**	**-.00128**	**3.1313**	**-.00057**	**.15720**	**-.00067**	**-.00014**
Stddev	.00292	.0010	.06	.00160	.00140	.0136	.00032	.00023	.00110	.00009
%RSD	10.132	225070.	.03236	150.16	109.01	.43330	56.905	.14778	164.09	62.467
#1	.03090	.00067	196.54	-.00007	-.00029	3.1217	-.00034	.15736	.00011	-.00020
#2	.02677	-.00068	196.45	.00219	-.00227	3.1409	-.00080	.15703	-.00145	-.00008
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**.01526**	**.00036**	**.00352**	**-.00041**
Stddev	.00019	.01766	.00008	.00019	.00306
%RSD	76.029	115.77	21.170	5.3100	751.24
#1	-.00038	.00277	.00041	.00365	-.00257
#2	-.00011	.02775	.00030	.00338	.00176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4709.3**	**68845.**	**5393.2**
Stddev	18.4	61.	38.0
%RSD	.38979	.08794	.70538
#1	4722.2	68803.	5420.1
#2	4696.3	68888.	5366.3

Sample Name: 280-20620-M-10-A Acquired: 9/29/2011 21:15:08 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00033**	**.00235**	**.00000**	**.23990**	**.01003**	**-.00005**	**-.00420**	**2.1534**	**-.00013**	**-.00001**
Stddev	.00040	.00025	.00319	.00186	.00018	.00001	.00132	.0049	.00013	.00027
%RSD	121.07	10.463	297810.	.77419	1.8247	24.441	31.508	.22841	96.760	3629.7
#1	.00005	.00218	.00226	.24121	.01016	-.00005	-.00513	2.1499	-.00022	.00018
#2	.00062	.00253	-.00225	.23859	.00990	-.00006	-.00326	2.1569	-.00004	-.00020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.00743**	**.00341**	**1.2106**	**.01044**	**.39144**	**.00262**	**-.00002**	**390.41**	**.00109**
Stddev	.00010	.00013	.00392	.0056	.00198	.00386	.00001	.00022	1.54	.00028
%RSD	1603.1	1.6871	114.69	.46063	18.977	.98627	.19690	1298.8	.39338	25.394
#1	.00007	.00734	.00618	1.2145	.00904	.38871	.00262	.00014	391.50	.00090
#2	-.00008	.00752	.00065	1.2067	.01184	.39417	.00262	-.00018	389.32	.00129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04244**	**-.00044**	**164.00**	**.00030**	**-.00451**	**3.3962**	**.00111**	**.12320**	**.00046**	**-.00037**
Stddev	.00104	.00226	.65	.00193	.00035	.0206	.00098	.00041	.00041	.00000
%RSD	2.4414	516.66	.39906	644.31	7.7428	.60527	87.709	.33473	89.680	.00023
#1	.04171	.00116	164.46	.00167	-.00426	3.3817	.00042	.12349	.00017	-.00037
#2	.04317	-.00203	163.54	-.00107	-.00475	3.4107	.00180	.12290	.00075	-.00037
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.00295**	**-.00004**	**.00482**	**-.00019**
Stddev	.00108	.02352	.00027	.00005	.00037
%RSD	129.36	798.53	749.77	1.0545	192.59
#1	.00007	.01958	.00015	.00486	-.00045
#2	.00160	-.01369	-.00022	.00478	.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4699.2**	**68957.**	**5394.7**
Stddev	7.2	1.	15.5
%RSD	.15356	.00078	.28654
#1	4704.3	68958.	5405.6
#2	4694.1	68957.	5383.8

Sample Name: 280-20620-M-11-A Acquired: 9/29/2011 21:17:55 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00091**	**.01290**	**.00197**	**.15655**	**.01048**	**-.00007**	**-.00334**	**1.8415**	**-.00022**	**.00033**
Stddev	.00027	.00014	.00022	.00011	.00007	.00003	.00176	.0067	.00018	.00014
%RSD	29.287	1.0551	11.364	.07032	.63362	38.635	52.729	.36333	80.749	44.156
#1	.00109	.01280	.00182	.15647	.01052	-.00009	-.00458	1.8462	-.00034	.00043
#2	.00072	.01299	.00213	.15663	.01043	-.00005	-.00209	1.8367	-.00009	.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00003**	**.00162**	**.00811**	**1.1553**	**.01250**	**.27455**	**.00212**	**.00075**	**352.34**	**.00055**
Stddev	.00016	.00046	.00038	.0549	.00002	.00111	.00001	.00028	.38	.00020
%RSD	580.56	28.384	4.7044	4.7548	.19022	.40500	.64872	37.941	.10813	36.356
#1	.00009	.00195	.00784	1.1165	.01251	.27376	.00213	.00055	352.07	.00070
#2	-.00014	.00130	.00838	1.1942	.01248	.27533	.00211	.00095	352.60	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01782**	**.00001**	**148.97**	**-.00042**	**-.00095**	**3.5346**	**-.00001**	**.10856**	**-.00018**	**-.00017**
Stddev	.00118	.00055	.23	.00239	.00091	.0152	.00015	.00006	.00147	.00002
%RSD	6.6369	5110.7	.15578	569.25	95.753	.42914	1573.7	.05727	811.86	12.793
#1	.01866	-.00038	149.14	-.00211	-.00031	3.5453	.00010	.10860	.00086	-.00015
#2	.01699	.00040	148.81	.00127	-.00160	3.5238	-.00011	.10851	-.00122	-.00018
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	**.02369**	**.00013**	**.00636**	**.00000**
Stddev	.00021	.03150	.00014	.00028	.0013
%RSD	20.242	132.97	106.63	4.4772	28937.
#1	.00091	.00141	.00023	.00656	-.00090
#2	.00121	.04596	.00003	.00616	.00089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4716.5**	**69418.**	**5349.6**
Stddev	5.5	147.	2.3
%RSD	.11664	.21202	.04281
#1	4720.4	69314.	5348.0
#2	4712.6	69522.	5351.2

Sample Name: 280-20636-B-1-A Acquired: 9/29/2011 21:20:45 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.00061**	k **.37185**	k **.00419**	**.08721**	**.16414**	k **.00058**	k **.00131**	**6.4639**	k **.00007**	k **.01046**
Stddev	.00006	.00064	.00410	.00117	.00043	.00002	.00201	.0349	.00012	.00009
%RSD	9.6321	.17093	97.782	1.3406	.26472	3.2928	153.14	.53958	170.71	.82745
#1	k .00065	k .37229	k .00709	.08804	.16384	k .00059	k .00274	6.4886	k -.00001	k .01040
#2	k .00057	k .37140	k .00129	.08638	.16445	k .00056	k -.00011	6.4393	k .00015	k .01052
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k **.00839**	k **.05785**	**44.720**	W **254.10**	**.39239**	k **.25933**	**.26275**	**.06081**	W **947.27**	**.01531**
Stddev	.00006	.00023	.051	.62	.00317	.00113	.00050	.00029	3.04	.00039
%RSD	.66047	.40240	.11317	.24586	.80702	.43416	.19219	.47060	.32119	2.5158
#1	k .00843	k .05768	44.756	254.54	.39463	k .26013	.26239	.06101	949.42	.01504
#2	k .00835	k .05801	44.684	253.65	.39015	k .25853	.26310	.06061	945.12	.01558
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit				100.00					500.00	
Low Limit				-.50000					10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.38310**	k **.00596**	**2.5724**	k **.01070**	k **.00706**	k **2.9556**	k **.00145**	**.31057**	k **.04355**	k **.00504**
Stddev	.00098	.00139	.0069	.00023	.00047	.0088	.00063	.00061	.00128	.00007
%RSD	.25517	23.352	.27027	2.1543	6.7226	.29646	43.381	.19601	2.9405	1.3489
#1	.38379	k .00498	2.5774	k .01053	k .00740	k 2.9494	k .00100	.31100	k .04264	k .00499
#2	.38241	k .00694	2.5675	k .01086	k .00673	k 2.9618	k .00189	.31014	k .04445	k .00509
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	k **-.00215**	k **.02741**	k **.00165**	**.45966**	k **-.00339**
Stddev	.00080	.01089	.00005	.00285	.00197
%RSD	37.340	39.734	2.9042	.61898	58.106
#1	k -.00158	k .03511	k .00168	.45765	k -.00199
#2	k -.00272	k .01971	k .00162	.46167	k -.00478
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4519.8**	**64985.**	**5265.4**
Stddev	16.5	720.	20.6
%RSD	.36511	1.1072	.39174
#1	4531.5	65494.	5250.8
#2	4508.1	64476.	5280.0

Sample Name: 280-20636-B-2-A Acquired: 9/29/2011 21:24:21 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.07445**	**-.00377**	**.50168**	**.02338**	**.00011**	**.00282**	**7.8183**	**.00003**	**.00358**
Stddev	.00010	.00153	.00026	.00207	.00003	.00005	.00174	.0460	.00010	.00035
%RSD	14.514	2.0515	6.8946	.41259	.12153	50.366	61.532	.58875	380.84	9.6887
#1	.00075	.07553	-.00395	.50314	.02340	.00014	.00159	7.8508	.00010	.00383
#2	.00061	.07337	-.00359	.50022	.02336	.00007	.00405	7.7857	-.00005	.00334
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00841**	**.02023**	**39.731**	**10.592**	**.05402**	**.38290**	**.24916**	**.00789**	W **957.59**	**.00750**
Stddev	.00030	.00048	.191	.065	.00199	.00476	.00108	.00037	6.44	.00030
%RSD	3.5383	2.3856	.47990	.61272	3.6921	1.2427	.43181	4.7146	.67245	3.9842
#1	.00820	.02057	39.866	10.638	.05261	.37953	.24840	.00816	962.14	.00729
#2	.00862	.01989	39.596	10.547	.05543	.38626	.24992	.00763	953.04	.00772
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									500.00	
Low Limit									10.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04261**	**.00040**	**455.63**	**-.00067**	**-.00302**	**.45030**	**-.00006**	**.40700**	**.00572**	**.00085**
Stddev	.00218	.00069	3.29	.00048	.00235	.00733	.00085	.00308	.00050	.00018
%RSD	5.1185	170.39	.72200	71.120	77.993	1.6270	1337.0	.75634	8.7186	21.227
#1	.04415	.00089	457.95	-.00033	-.00135	.45548	.00054	.40918	.00608	.00097
#2	.04107	-.00008	453.30	-.00101	-.00468	.44512	-.00066	.40482	.00537	.00072
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00049**	**.04289**	**.00101**	**.10488**	**-.00196**
Stddev	.00007	.01305	.00055	.00039	.00028
%RSD	13.412	30.413	54.903	.36830	14.330
#1	.00053	.03367	.00140	.10461	-.00216
#2	.00044	.05212	.00062	.10516	-.00176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4549.9**	**64915.**	**5249.9**
Stddev	1.7	213.	47.1
%RSD	.03824	.32853	.89779
#1	4551.2	65066.	5216.6
#2	4548.7	64764.	5283.2

Sample Name: 280-20636-B-3-A Acquired: 9/29/2011 21:27:54 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment: 87711 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00095**	**.00854**	**-.00076**	**1.4155**	**.05269**	**-.00004**	**.01628**	**43.870**	**-.00006**	**.00140**
Stddev	.00026	.00574	.00218	.0099	.00062	.00004	.00405	.587	.00020	.00017
%RSD	27.106	67.294	289.01	.69680	1.1726	88.439	24.896	1.3373	305.42	12.383
#1	.00076	.01260	.00079	1.4225	.05225	-.00002	.01915	43.455	-.00020	.00152
#2	.00113	.00447	-.00230	1.4085	.05312	-.00007	.01342	44.285	.00007	.00127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00327**	**.01120**	**134.36**	**40.955**	**.22127**	**.46714**	**.83317**	**-.00066**	**360.35**	**.00497**
Stddev	.00030	.00004	1.83	.427	.00193	.00518	.00023	.00024	4.18	.00039
%RSD	9.2384	.36946	1.3596	1.0415	.87221	1.1083	.02759	36.022	1.1610	7.7472
#1	.00305	.01117	133.07	40.653	.21990	.47080	.83333	-.00049	357.39	.00524
#2	.00348	.01123	135.65	41.257	.22263	.46348	.83301	-.00082	363.30	.00470
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.05540**	**.00225**	**116.67**	**-.00059**	**-.00262**	**2.3148**	**.00088**	**3.4209**	**.00927**	**-.00017**
Stddev	.00081	.00145	.74	.00090	.00038	.0206	.00047	.0409	.00270	.00000
%RSD	1.4704	64.723	.63618	153.48	14.343	.89087	52.994	1.1946	29.128	.33035
#1	.05598	.00328	117.20	.00005	-.00236	2.3002	.00055	3.3920	.01117	-.00017
#2	.05483	.00122	116.15	-.00123	-.00289	2.3293	.00121	3.4498	.00736	-.00017
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00099**	**.13358**	**-.00111**	**.01516**	**-.00409**
Stddev	.00159	.01866	.00002	.00013	.00219
%RSD	160.68	13.969	1.8107	.84123	53.453
#1	.00013	.14677	-.00112	.01507	-.00564
#2	-.00211	.12038	-.00109	.01525	-.00255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4688.1**	**68308.**	**5252.2**
Stddev	16.6	350.	72.6
%RSD	.35351	.51235	1.3818
#1	4676.4	68061.	5303.5
#2	4699.9	68555.	5200.9

Sample Name: CCVH-1018440 Acquired: 9/29/2011 21:30:39 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01708**	**45.871**	**-.00226**	**.00521**	**.00121**	**-.00020**	**1.0375**	**-.01790**	**-.00147**	**.00226**	**-.00007**	**.00006**
Stddev	.00061	.085	.00124	.00039	.00002	.00007	.0038	.00017	.00004	.00021	.00012	.00017
%RSD	3.5908	.18461	55.160	7.5545	1.3975	37.215	.36877	.96133	2.8384	9.1450	163.83	296.59
#1	-.01751	45.811	-.00138	.00493	.00120	-.00025	1.0348	-.01778	-.00150	.00241	-.00016	-.00006
#2	-.01665	45.931	-.00314	.00549	.00123	-.00014	1.0403	-.01802	-.00144	.00211	.00001	.00018
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.935**	**.22906**	**.00153**	**-.03394**	**-.00032**	**-.00213**	F **277.49**	**.00072**	**.00283**	**-.00096**	**5.0092**	**-.00835**
Stddev	.108	.05369	.00389	.00124	.00005	.00013	.45	.00034	.00074	.00101	.0423	.00331
%RSD	.27760	23.439	255.37	3.6399	16.522	6.1267	.16301	47.250	26.077	105.10	.84369	39.598
#1	38.859	.19110	-.00123	-.03482	-.00028	-.00222	277.17	.00096	.00231	-.00025	4.9793	-.01069
#2	39.011	.26703	.00428	-.03307	-.00036	-.00204	277.81	.00048	.00336	-.00167	5.0391	-.00601
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00463**	**.00421**	**.00276**	**.00034**	**4.8591**	**-.00754**	**.00069**	**9.9676**	**.00149**	**.00241**	**-.19192**
Stddev	.00010	.02252	.00002	.00011	.0220	.00018	.00035	.0142	.00012	.00038	.00258
%RSD	2.0794	534.48	.88379	32.716	.45248	2.3915	51.017	.14222	7.8745	15.957	1.3467
#1	.00456	-.01171	.00274	.00042	4.8436	-.00767	.00044	9.9576	.00140	.00214	-.19010
#2	.00469	.02014	.00277	.00026	4.8747	-.00742	.00094	9.9777	.00157	.00268	-.19375
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4703.4**	**69507.**	**5139.7**
Stddev	2.9	152.	31.0
%RSD	.06166	.21870	.60276
#1	4705.4	69615.	5117.8
#2	4701.3	69400.	5161.6

Sample Name: CCV-1012098 Acquired: 9/29/2011 21:33:19 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49196**	**.50727**	**.97191**	**.49698**	**.51765**	**.46538**	**-.00212**	**4.6469**	**.49605**	**.50290**	**.50168**	**.50180**
Stddev	.00137	.00435	.00192	.00002	.00170	.00100	.00343	.0001	.00012	.00062	.00002	.00102
%RSD	.27855	.85814	.19764	.00328	.32870	.21389	161.71	.00134	.02392	.12282	.00300	.20304
#1	.49099	.50419	.97327	.49696	.51645	.46468	.00030	4.6469	.49597	.50246	.50169	.50108
#2	.49293	.51034	.97055	.49699	.51885	.46609	-.00454	4.6469	.49614	.50333	.50167	.50252
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9606**	**54.621**	F **1.1209**	**19.750**	**.50253**	**.49484**	F **5.7628**	**.51382**	**.98673**	**.99425**	**.05407**	**.98596**
Stddev	.0026	.115	.0002	.031	.00042	.00099	.0078	.00001	.00619	.00260	.00539	.00336
%RSD	.13440	.21122	.01767	.15659	.08302	.19968	.13567	.00269	.62745	.26170	9.9705	.34109
#1	1.9624	54.540	1.1208	19.729	.50223	.49554	5.7683	.51383	.99110	.99609	.05788	.98833
#2	1.9587	54.703	1.1210	19.772	.50282	.49414	5.7573	.51381	.98235	.99241	.05026	.98358
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000		1.0000				5.0000					
Range	-10.000%		10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.95835**	**4.5875**	**1.0268**	**.50805**	**-.00122**	**.48473**	**1.0067**	**.00333**	**.49470**	**.49116**	**.47470**
Stddev	.00165	.0232	.0013	.00115	.00084	.00058	.0024	.02996	.00046	.00248	.00498
%RSD	.17241	.50482	.12151	.22704	68.454	.12018	.24316	899.77	.09250	.50515	1.0499
#1	.95952	4.5711	1.0277	.50723	-.00063	.48432	1.0050	.02452	.49502	.48940	.47822
#2	.95718	4.6039	1.0259	.50886	-.00181	.48514	1.0085	-.01786	.49437	.49291	.47117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4893.0**	**72650.**	**5276.1**
Stddev	13.1	60.	14.3
%RSD	.26733	.08256	.27177
#1	4902.3	72693.	5265.9
#2	4883.8	72608.	5286.2

Sample Name: CCB Acquired: 9/29/2011 21:35:51 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00103**	**-.00082**	**.00220**	W **.00180**	**.00031**	**.00003**	**-.00340**	**.00055**	**-.00005**	**-.00010**	**-.00013**
Stddev	.00012	.00002	.00008	.00010	.00004	.00011	.00422	.00239	.00002	.00019	.00015
%RSD	11.172	2.7501	3.8217	5.5072	11.394	320.38	123.96	438.00	33.651	198.61	116.92
#1	.00095	-.00083	.00226	.00187	.00028	-.00004	-.00042	-.00114	-.00006	.00004	-.00023
#2	.00112	-.00080	.00214	.00173	.00033	.00011	-.00638	.00223	-.00004	-.00023	-.00002
Check ?	Chk Warn	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.00093			.00156							
Low Limit	-.00093			-.00156							

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**-.00452**	**.08425**	**.00065**	**-.00321**	**.00006**	**.00233**	F **.35210**	**.00018**	**.00064**	**-.00135**
Stddev	.00023	.00055	.01619	.00128	.00072	.00004	.00060	.00071	.00013	.00159	.00116
%RSD	87.646	12.223	19.213	197.66	22.465	77.466	25.770	.20129	68.827	247.54	85.764
#1	-.00043	-.00413	.09570	-.00026	-.00270	.00009	.00191	.35260	.00027	-.00048	-.00217
#2	-.00010	-.00491	.07280	.00155	-.00372	.00003	.00276	.35160	.00009	.00177	-.00053
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03425**	F **.01077**	**.00453**	**.00274**	**.00104**	**.00006**	**.00078**	**.00011**	**-.00045**	**.00418**	**-.00002**
Stddev	.00068	.00034	.00085	.01230	.00021	.00004	.00128	.00024	.00015	.00928	.00008
%RSD	1.9754	3.1648	18.854	449.47	20.300	56.186	164.92	205.12	33.856	221.94	403.24
#1	.03473	.01053	.00513	-.00596	.00089	.00004	.00169	-.00005	-.00034	.01074	-.00008
#2	.03378	.01101	.00393	.01144	.00119	.00009	-.00013	.00028	-.00056	-.00238	.00004
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628									
Low Limit		-.00628									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00167**	**-.00008**
Stddev	.00008	.00431
%RSD	4.8802	5384.9
#1	.00173	-.00313
#2	.00161	.00297
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4904.9**	**73310.**	**5291.2**
Stddev	1.5	72.	17.6
%RSD	.03049	.09780	.33251
#1	4905.9	73260.	5278.8
#2	4903.8	73361.	5303.6

Sample Name: CCVL1018383 Acquired: 9/29/2011 21:38:34 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01037**	**.10484**	**.01424**	**.09910**	**.01113**	**.00100**	**.11054**	F **.32817**	**.00494**	**.01048**	**.00995**
Stddev	.00029	.00023	.00005	.00029	.00006	.00006	.00372	.00005	.00009	.00001	.00027
%RSD	2.8385	.22021	.34617	.29267	.58396	5.6900	3.3610	.01423	1.7769	.05605	2.7584
#1	.01058	.10467	.01420	.09889	.01118	.00104	.11316	.32813	.00487	.01049	.00976
#2	.01016	.10500	.01427	.09930	.01108	.00096	.10791	.32820	.00500	.01048	.01015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value								.20000			
Range								30.000%			

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01511**	W **.07679**	**3.5155**	**.01194**	**.20638**	**.01060**	**.01918**	F **1.4674**	**.04250**	**2.8686**	**.00846**
Stddev	.00024	.00056	.0627	.00043	.00214	.00001	.00037	.0062	.00004	.0134	.00047
%RSD	1.5652	.72768	1.7836	3.5942	1.0380	.09601	1.9255	.42172	.09226	.46814	5.5222
#1	.01494	.07718	3.5598	.01224	.20790	.01059	.01892	1.4630	.04253	2.8591	.00813
#2	.01528	.07639	3.4711	.01164	.20487	.01061	.01945	1.4718	.04247	2.8781	.00879
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000						1.0000			
Range		-20.000%						30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03651**	**.00971**	**.01270**	**.45654**	**.10295**	**.01048**	**.01591**	**.00963**	**.01635**	**.05959**	**.00994**
Stddev	.00488	.00274	.00081	.00288	.00042	.00026	.00023	.00027	.00042	.01244	.00003
%RSD	13.364	28.195	6.3522	.63102	.41152	2.4990	1.4542	2.8141	2.5422	20.882	.28174
#1	.03996	.00778	.01327	.45857	.10325	.01030	.01608	.00943	.01665	.05079	.00992
#2	.03306	.01165	.01213	.45450	.10265	.01067	.01575	.00982	.01606	.06839	.00996
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	F **.06790**	**.01242**
Stddev	.00049	.00113
%RSD	.71533	9.0663
#1	.06755	.01163
#2	.06824	.01322
Check ?	Chk Fail	Chk Pass
Value	.02000	
Range	30.000%	

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4966.0**	**74360.**	**5281.5**
Stddev	19.1	441.	4.5
%RSD	.38408	.59285	.08491
#1	4979.5	74672.	5278.3
#2	4952.5	74048.	5284.7

Sample Name: MB 280-87698/1-A Acquired: 9/29/2011 21:41:16 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00043**	**.00869**	**-.00135**	**.00741**	**.00089**	**.00000**	**-.00517**	**.05305**	**-.00002**	**.00016**
Stddev	.00034	.00005	.00012	.00071	.00022	.0000	.00165	.00232	.00004	.00003
%RSD	78.951	.59423	8.5684	9.5388	25.100	2074.8	32.023	4.3824	239.62	21.282
#1	.00067	.00866	-.00143	.00691	.00073	-.00002	-.00634	.05469	.00001	.00019
#2	.00019	.00873	-.00127	.00791	.00104	.00002	-.00400	.05140	-.00005	.00014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**-.00029**	**.00934**	**.08067**	**.00061**	**.00647**	**.00063**	**-.00038**	**.76659**	**.00011**
Stddev	.00027	.00009	.00176	.00520	.00432	.00297	.00006	.00001	.01126	.00021
%RSD	424.21	31.029	18.863	6.4478	708.90	45.936	8.7785	3.5399	1.4689	180.85
#1	.00026	-.00022	.00809	.08435	.00367	.00437	.00059	-.00039	.75863	-.00003
#2	-.00013	-.00035	.01058	.07699	-.00245	.00858	.00067	-.00037	.77455	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00553**	**-.00002**	**.05334**	**.00131**	**-.00206**	**.04642**	**.00843**	**.00003**	**.00162**	**.00000**
Stddev	.00174	.00007	.00044	.00205	.00009	.01154	.00079	.00011	.00173	.0002
%RSD	31.399	287.86	.82176	156.71	4.1907	24.856	9.4151	358.14	106.62	4901.4
#1	.00430	.00002	.05303	.00276	-.00199	.03826	.00899	.00011	.00285	-.00013
#2	.00676	-.00007	.05365	-.00014	-.00212	.05458	.00787	-.00005	.00040	.00012
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00155**	**-.01681**	**-.00006**	**.00273**	**-.00259**
Stddev	.00056	.00933	.00032	.00008	.00251
%RSD	35.856	55.530	523.63	2.7659	97.211
#1	-.00116	-.02341	-.00029	.00268	-.00436
#2	-.00195	-.01021	.00017	.00278	-.00081
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5054.8**	**75929.**	**5339.2**
Stddev	32.7	778.	6.7
%RSD	.64666	1.0243	.12603
#1	5077.9	76479.	5344.0
#2	5031.6	75379.	5334.4

Sample Name: LCS 280-87698/2-A Acquired: 9/29/2011 21:44:02 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04585**	**1.8781**	**.96366**	**.99183**	**2.0296**	**.04549**	**2.1162**	**45.342**	**.09050**	**.48120**
Stddev	.00019	.0039	.00266	.00225	.0036	.00004	.0002	.174	.00025	.00050
%RSD	.41802	.20913	.27623	.22686	.17485	.09525	.00822	.38351	.27723	.10386
#1	.04599	1.8809	.96554	.99024	2.0321	.04552	2.1164	45.465	.09032	.48085
#2	.04572	1.8753	.96178	.99342	2.0271	.04546	2.1161	45.219	.09068	.48155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19548**	**.24463**	**.78848**	**53.586**	**1.0951**	**47.136**	**.49547**	**.97035**	**55.786**	**.49307**
Stddev	.00037	.00055	.00392	.118	.0031	.096	.00091	.00053	.405	.00009
%RSD	.18796	.22279	.49686	.22073	.28467	.20325	.18288	.05449	.72639	.01798
#1	.19574	.24424	.79125	53.669	1.0929	47.204	.49611	.97072	56.073	.49313
#2	.19522	.24501	.78571	53.502	1.0973	47.069	.49483	.96997	55.500	.49300
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.8728**	**.47571**	**.08861**	**.47562**	**1.9000**	**1.8222**	**1.9870**	**1.0053**	**.95397**	**.95669**
Stddev	.0276	.00207	.00357	.00494	.0003	.0102	.0005	.0013	.00049	.00122
%RSD	.27968	.43565	4.0337	1.0385	.01779	.55838	.02490	.12869	.05158	.12750
#1	9.8533	.47717	.09114	.47912	1.8997	1.8294	1.9873	1.0062	.95432	.95755
#2	9.8924	.47424	.08608	.47213	1.9002	1.8150	1.9866	1.0044	.95362	.95582
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9375**	**1.9997**	**.48620**	**.47158**	**.43622**
Stddev	.0027	.0009	.00156	.00300	.00012
%RSD	.13708	.04614	.32021	.63549	.02811
#1	1.9357	2.0003	.48730	.47370	.43614
#2	1.9394	1.9990	.48510	.46946	.43631
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4844.6**	**71994.**	**5391.7**
Stddev	9.7	462.	53.1
%RSD	.19924	.64128	.98396
#1	4851.5	71668.	5354.2
#2	4837.8	72321.	5429.2

Sample Name: 280-20042-A-1-G Acquired: 9/29/2011 21:46:32 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00020**	**26.454**	**.01529**	**.01538**	**.11620**	**.00118**	**-.00005**	**96.707**	**.00161**	**.02115**
Stddev	.00001	.039	.00144	.00027	.00003	.00000	.00025	.027	.00005	.00000
%RSD	3.9130	.14752	9.3884	1.7789	.02836	.09284	509.60	.02807	3.0859	.01532
#1	.00020	26.482	.01630	.01518	.11622	.00118	.00013	96.726	.00165	.02115
#2	.00019	26.427	.01427	.01557	.11617	.00118	-.00023	96.688	.00158	.02115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03910**	**.07294**	**49.111**	**5.2618**	**.06288**	**15.727**	**.83770**	**.00341**	**1.2891**	**.05266**
Stddev	.00010	.00005	.072	.0098	.00049	.005	.00031	.00069	.0106	.00030
%RSD	.24874	.06621	.14724	.18718	.78555	.03093	.03689	20.190	.82199	.57349
#1	.03917	.07298	49.060	5.2548	.06253	15.730	.83749	.00292	1.2966	.05245
#2	.03903	.07291	49.162	5.2688	.06323	15.723	.83792	.00389	1.2816	.05288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.7104**	**.04535**	**.83221**	**.00473**	**.00835**	**2.0449**	**.00434**	**.14953**	**.03041**	**.27356**
Stddev	.0032	.00132	.00541	.00070	.00237	.0594	.00034	.00014	.00310	.00299
%RSD	.18402	2.9210	.64991	14.835	28.390	2.9063	7.7210	.09073	10.205	1.0939
#1	1.7082	.04629	.82838	.00423	.00667	2.0869	.00458	.14943	.02821	.27568
#2	1.7126	.04441	.83603	.00522	.01002	2.0029	.00411	.14962	.03260	.27144
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00100**	**-.00989**	**.05760**	**.19541**	**.01766**
Stddev	.00019	.02786	.00025	.00072	.00085
%RSD	18.759	281.67	.44068	.36801	4.7866
#1	-.00113	.00981	.05778	.19491	.01826
#2	-.00087	-.02959	.05742	.19592	.01706
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5062.7**	**75265.**	**5632.8**
Stddev	9.3	21.	93.9
%RSD	.18339	.02821	1.6663
#1	5069.2	75280.	5566.4
#2	5056.1	75250.	5699.1

Sample Name: sd 280-20042-A-1-G@5 Acquired: 9/29/2011 21:49:11 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00055**	**5.5882**	**.00129**	**.00362**	**.02492**	**.00026**	**-.00225**	**20.111**	**.00030**	**.00471**
Stddev	.00022	.0101	.00006	.00001	.00002	.00005	.00174	.105	.00032	.00022
%RSD	39.860	.18083	4.7174	.36509	.07456	21.013	77.303	.52091	105.90	4.6857
#1	.00040	5.5811	.00125	.00363	.02490	.00022	-.00348	20.037	.00053	.00487
#2	.00071	5.5954	.00133	.00361	.02493	.00030	-.00102	20.185	.00008	.00455
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00801**	**.01530**	**9.7902**	**1.1427**	**.01441**	**3.4083**	**.17659**	**.00011**	**.42887**	**.01110**
Stddev	.00005	.00028	.0566	.0053	.00294	.0051	.00037	.00000	.00060	.00022
%RSD	.61157	1.8079	.57811	.46368	20.401	.15094	.20699	2.7609	.14095	1.9804
#1	.00797	.01550	9.7502	1.1464	.01233	3.4046	.17633	.00011	.42845	.01095
#2	.00804	.01511	9.8302	1.1389	.01649	3.4119	.17685	.00011	.42930	.01126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.35476**	**.00928**	**.18572**	**.00150**	**.00176**	**.53251**	**.00118**	**.03164**	**.00665**	**.06133**
Stddev	.00037	.00157	.00183	.00062	.00305	.01323	.00002	.00002	.00084	.00138
%RSD	.10523	16.871	.98286	41.410	173.53	2.4841	1.4782	.05915	12.638	2.2493
#1	.35450	.01039	.18701	.00106	-.00040	.52316	.00116	.03163	.00605	.06230
#2	.35502	.00817	.18443	.00194	.00392	.54186	.00119	.03165	.00724	.06035
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00096**	**-.01608**	**.01192**	**.04353**	**.00382**
Stddev	.00003	.00397	.00005	.00016	.00218
%RSD	3.0613	24.707	.40279	.37868	57.027
#1	-.00093	-.01327	.01195	.04341	.00228
#2	-.00098	-.01889	.01188	.04364	.00536
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5056.5**	**75036.**	**5433.8**
Stddev	13.9	6.	116.5
%RSD	.27576	.00825	2.1447
#1	5046.6	75032.	5516.2
#2	5066.3	75041.	5351.4

Sample Name: 280-20042-A-1-H MS Acquired: 9/29/2011 21:51:53 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04555**	**48.428**	**.95434**	**.95370**	**2.1523**	**.04539**	**2.0506**	**133.62**	**.09028**	**.48406**
Stddev	.00026	.022	.00469	.00014	.0013	.00008	.0006	.19	.00004	.00017
%RSD	.57113	.04551	.49192	.01457	.06060	.18352	.03115	.14345	.04145	.03614
#1	.04537	48.413	.95766	.95361	2.1514	.04533	2.0502	133.48	.09026	.48418
#2	.04574	48.444	.95102	.95380	2.1533	.04545	2.0511	133.75	.09031	.48393
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.24745**	**.32068**	**54.064**	**66.880**	**1.1289**	**65.547**	**1.3979**	**.92638**	**55.925**	**.52376**
Stddev	.00005	.00064	.213	.117	.0001	.095	.0004	.00042	.306	.00019
%RSD	.02137	.19875	.39468	.17530	.00699	.14481	.02738	.04557	.54771	.03546
#1	.24748	.32113	53.913	66.797	1.1290	65.480	1.3976	.92608	56.141	.52390
#2	.24741	.32023	54.215	66.963	1.1288	65.614	1.3981	.92668	55.708	.52363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.405**	**.50321**	**.98175**	**.36334**	**1.8498**	**5.0472**	**1.8600**	**1.0951**	**.94863**	**1.2956**
Stddev	.000	.00063	.00441	.00161	.0016	.0058	.0007	.0002	.00223	.0079
%RSD	.00180	.12450	.44970	.44232	.08859	.11440	.03800	.02078	.23541	.61053
#1	11.405	.50366	.97863	.36448	1.8486	5.0513	1.8595	1.0950	.95021	1.3012
#2	11.405	.50277	.98487	.36220	1.8509	5.0432	1.8605	1.0953	.94705	1.2900
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.8319**	**1.9629**	**.57167**	**.67490**	**.45786**
Stddev	.0017	.0073	.00065	.00081	.00264
%RSD	.09285	.37201	.11340	.12069	.57679
#1	1.8332	1.9681	.57213	.67432	.45600
#2	1.8307	1.9578	.57121	.67547	.45973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4954.0**	**72526.**	**5592.6**
Stddev	2.4	531.	10.3
%RSD	.04760	.73234	.18364
#1	4952.3	72902.	5599.8
#2	4955.7	72151.	5585.3

Sample Name: 280-20042-A-1-I MSD Acquired: 9/29/2011 21:54:19 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04523**	**46.711**	**.94260**	**.93681**	**2.1237**	**.04476**	**2.0231**	**168.66**	**.08917**	**.47452**
Stddev	.00037	.034	.00234	.00248	.0041	.00011	.0037	.33	.00012	.00078
%RSD	.82664	.07289	.24803	.26474	.19377	.23485	.18369	.19427	.13639	.16409
#1	.04549	46.686	.94095	.93857	2.1208	.04469	2.0258	168.43	.08926	.47507
#2	.04496	46.735	.94425	.93506	2.1266	.04484	2.0205	168.89	.08909	.47397
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.24597**	**.32126**	**51.623**	**65.624**	**1.1141**	**64.018**	**1.3522**	**.91676**	**55.314**	**.51899**
Stddev	.00056	.00047	.221	.129	.0036	.140	.0015	.00113	.153	.00083
%RSD	.22578	.14705	.42812	.19625	.32423	.21912	.10775	.12308	.27720	.15926
#1	.24636	.32093	51.467	65.533	1.1116	64.117	1.3532	.91756	55.422	.51957
#2	.24558	.32159	51.779	65.715	1.1167	63.919	1.3511	.91596	55.205	.51840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.349**	**.53950**	**.98228**	**.35926**	**1.8335**	**4.4501**	**1.8439**	**1.1545**	**.92755**	**1.3289**
Stddev	.013	.00200	.00696	.00366	.0063	.0436	.0002	.0022	.00179	.0213
%RSD	.11876	.37081	.70828	1.0186	.34518	.98003	.01014	.18853	.19309	1.6056
#1	11.359	.54091	.98720	.36185	1.8380	4.4193	1.8438	1.1530	.92629	1.3440
#2	11.340	.53808	.97736	.35668	1.8290	4.4810	1.8441	1.1560	.92882	1.3138
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.7978**	**1.9312**	**.56381**	**.67481**	**.44507**
Stddev	.0014	.0078	.00116	.00036	.00146
%RSD	.08035	.40559	.20525	.05327	.32735
#1	1.7988	1.9257	.56463	.67506	.44404
#2	1.7967	1.9368	.56299	.67455	.44610
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4929.3**	**72389.**	**5562.8**
Stddev	23.5	469.	19.4
%RSD	.47627	.64819	.34875
#1	4912.7	72057.	5549.0
#2	4945.9	72721.	5576.5

Sample Name: pds 280-20042-A-1-G Acquired: 9/29/2011 21:56:47 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04789**	**26.977**	**.20250**	**.11196**	**.21403**	**.04537**	**.00214**	**112.21**	**.04904**	**.06752**
Stddev	.00016	.092	.00238	.00026	.00016	.00026	.00049	.35	.00013	.00010
%RSD	.32710	.34155	1.1752	.23312	.07608	.57955	23.011	.31338	.26585	.14142
#1	.04778	27.042	.20082	.11215	.21414	.04556	.00249	112.46	.04895	.06759
#2	.04800	26.912	.20418	.11178	.21391	.04518	.00180	111.96	.04914	.06746
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08692**	**.12064**	**49.220**	**26.345**	**.16875**	**33.937**	**.86961**	**.05079**	**23.762**	**.10031**
Stddev	.00022	.00012	.011	.097	.00090	.067	.00034	.00066	.443	.00056
%RSD	.25429	.09878	.02183	.36779	.53157	.19597	.03957	1.2990	1.8631	.55479
#1	.08676	.12055	49.212	26.413	.16811	33.984	.86937	.05032	24.076	.09992
#2	.08707	.12072	49.227	26.276	.16938	33.890	.86986	.05125	23.449	.10070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.6197**	**.13851**	**.83671**	**.09692**	**.19463**	**6.7516**	**.10082**	**.19782**	**.22040**	**.32930**
Stddev	.0104	.00127	.00182	.00234	.00062	.0221	.00050	.00082	.00060	.00136
%RSD	.28777	.91709	.21791	2.4096	.31874	.32680	.49793	.41303	.27363	.41311
#1	3.6124	.13761	.83800	.09527	.19419	6.7360	.10047	.19840	.21997	.32834
#2	3.6271	.13941	.83542	.09857	.19507	6.7672	.10118	.19724	.22082	.33026
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.18781**	**.47753**	**.10541**	**.37612**	**.05682**
Stddev	.00134	.01536	.00006	.00068	.00310
%RSD	.71445	3.2168	.05473	.18033	5.4590
#1	.18876	.46667	.10545	.37564	.05901
#2	.18686	.48839	.10537	.37660	.05463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4965.2**	**73597.**	**5558.9**
Stddev	17.7	217.	12.5
%RSD	.35550	.29525	.22497
#1	4977.7	73444.	5550.0
#2	4952.7	73751.	5567.7

Sample Name: CCVH-1018440 Acquired: 9/29/2011 21:59:22 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01736**	**45.821**	**.00012**	**.00279**	**.00120**	**-.00010**	**1.0446**	**-.00953**	**-.00149**	**.00207**	**-.00020**	**.00041**
Stddev	.00015	.015	.00042	.00021	.00010	.00002	.0009	.00131	.00009	.00002	.00003	.00018
%RSD	.87911	.03374	353.35	7.5983	8.1458	23.010	.08916	13.794	6.1884	1.1591	14.014	44.593
#1	-.01725	45.832	-.00018	.00264	.00127	-.00012	1.0453	-.00860	-.00142	.00209	-.00022	.00054
#2	-.01747	45.810	.00041	.00294	.00113	-.00008	1.0440	-.01046	-.00155	.00205	-.00018	.00028
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.896**	**.15229**	**.00231**	**-.03499**	**-.00039**	**-.00155**	F **279.43**	**.00012**	**.00455**	**.00096**	**4.9621**	**-.00541**
Stddev	.033	.01975	.00127	.00382	.00001	.00002	.66	.00003	.00057	.00078	.0020	.00194
%RSD	.08374	12.970	55.098	10.903	2.4153	1.1211	.23771	27.722	12.586	81.650	.04077	35.859
#1	38.919	.16626	.00321	-.03769	-.00038	-.00154	278.96	.00009	.00495	.00041	4.9607	-.00678
#2	38.873	.13833	.00141	-.03229	-.00039	-.00157	279.90	.00014	.00414	.00151	4.9636	-.00404
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00637**	**.02932**	**.00192**	**.00034**	**4.8943**	**-.00747**	**.00247**	**10.045**	**.00157**	**.00212**	**-.19528**
Stddev	.00359	.01234	.00039	.00002	.0055	.00030	.00048	.016	.00041	.00033	.00155
%RSD	56.279	42.085	20.025	4.8678	.11310	4.0484	19.464	.15782	26.469	15.668	.79590
#1	.00384	.03804	.00220	.00032	4.8982	-.00768	.00281	10.033	.00127	.00188	-.19638
#2	.00891	.02059	.00165	.00035	4.8904	-.00726	.00213	10.056	.00186	.00235	-.19419
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4766.3**	**69883.**	**5280.3**
Stddev	2.1	174.	14.9
%RSD	.04508	.24929	.28165
#1	4764.8	69760.	5269.8
#2	4767.8	70007.	5290.9

Sample Name: CCV-1012098 Acquired: 9/29/2011 22:02:03 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.49732**	**.50775**	**.98643**	**.50133**	**.52332**	**.46664**	**-.00209**	**4.6724**	**.50341**	**.50755**	**.50680**	**.50902**
Stddev	.00209	.00120	.00181	.00039	.00099	.00058	.00113	.0011	.00086	.00069	.00057	.00041
%RSD	.41973	.23649	.18311	.07831	.18862	.12394	54.388	.02287	.17063	.13539	.11279	.08018
#1	.49880	.50860	.98771	.50106	.52262	.46623	-.00289	4.6717	.50402	.50803	.50720	.50931
#2	.49585	.50691	.98516	.50161	.52402	.46705	-.00128	4.6732	.50281	.50706	.50640	.50874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9732**	F **55.148**	F **1.1314**	**19.847**	**.50531**	**.50180**	F **5.6468**	**.51850**	**1.0007**	**1.0029**	**.00981**	**.99958**
Stddev	.0130	.226	.0011	.100	.00175	.00024	.0196	.00053	.0036	.0011	.00206	.00066
%RSD	.66037	.40962	.10101	.50161	.34659	.04685	.34768	.10244	.35504	.10640	20.956	.06645
#1	1.9639	54.988	1.1306	19.917	.50655	.50163	5.6607	.51887	1.0033	1.0036	.01127	1.0001
#2	1.9824	55.308	1.1322	19.776	.50408	.50197	5.6329	.51812	.99823	1.0021	.00836	.99911
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000	50.000	1.0000				5.0000					
Range	-10.000%	10.000%	10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.97667**	**4.5566**	**1.0345**	**.51300**	**-.00037**	**.48958**	**1.0175**	**.01391**	**.49898**	**.49047**	**.47909**
Stddev	.00113	.0011	.0029	.00172	.00083	.00217	.0021	.01719	.00283	.00219	.00052
%RSD	.11544	.02393	.27835	.33588	225.03	.44329	.20412	123.55	.56619	.44679	.10800
#1	.97747	4.5573	1.0365	.51178	-.00096	.49112	1.0189	.00176	.50098	.49202	.47873
#2	.97588	4.5558	1.0324	.51422	.00022	.48805	1.0160	.02607	.49698	.48892	.47946
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4946.5**	**73066.**	**5332.1**
Stddev	7.8	983.	23.4
%RSD	.15725	1.3456	.43822
#1	4941.0	72371.	5348.6
#2	4952.0	73762.	5315.6

Sample Name: CCB Acquired: 9/29/2011 22:04:34 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00035**	**.00140**	**.00310**	**.00126**	W **.00063**	**.00005**	**-.00613**	W **.05037**	**-.00004**	**.00012**	**.00012**
Stddev	.00025	.00023	.00390	.00019	.00000	.00001	.00138	.00095	.00009	.00043	.00001
%RSD	71.695	16.276	125.77	15.379	.24305	16.298	22.528	1.8869	231.73	353.68	12.381
#1	.00017	.00124	.00586	.00139	.00063	.00005	-.00515	.04970	-.00011	-.00018	.00011
#2	.00052	.00156	.00034	.00112	.00063	.00006	-.00711	.05104	.00003	.00043	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit					.00058			.03450			
Low Limit					-.00058			-.03450			

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00046**	**.00139**	**.16730**	**.00049**	**.00230**	**.00005**	**.00219**	F **.24558**	**.00008**	**.00145**	**.00029**
Stddev	.00050	.00176	.01264	.00368	.00041	.00000	.00048	.00718	.00003	.00025	.00117
%RSD	109.20	126.18	7.5523	755.80	17.695	4.0662	22.032	2.9253	34.632	17.109	408.01
#1	-.00010	.00264	.15837	.00309	.00259	.00005	.00185	.25066	.00006	.00127	-.00054
#2	-.00081	.00015	.17624	-.00211	.00202	.00005	.00253	.24050	.00010	.00162	.00112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01258**	F **.01102**	W **.00592**	**-.00377**	**.00075**	**.00007**	**.00262**	**-.00014**	**-.00069**	**-.00056**	**-.00032**
Stddev	.00591	.00020	.00116	.01382	.00064	.00007	.00047	.00023	.00109	.03899	.00033
%RSD	46.947	1.8431	19.527	366.59	84.750	98.888	17.779	162.23	158.18	6990.8	101.26
#1	.01676	.01087	.00674	-.01354	.00030	.00002	.00295	-.00030	-.00145	-.02813	-.00055
#2	.00840	.01116	.00510	.00600	.00120	.00012	.00229	.00002	.00008	.02701	-.00009
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	F **.02052**	**-.00068**
Stddev	.00028	.00124
%RSD	1.3882	181.93
#1	.02032	.00019
#2	.02072	-.00156
Check ?	Chk Fail	Chk Pass
High Limit	.00906	
Low Limit	-.00906	

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4948.4**	**74083.**	**5328.0**
Stddev	29.0	432.	1.4
%RSD	.58685	.58263	.02604
#1	4969.0	73778.	5329.0
#2	4927.9	74389.	5327.0

Sample Name: CCVL1018383 Acquired: 9/29/2011 22:07:18 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01061**	**.10631**	**.01533**	**.10004**	**.01126**	**.00098**	**.11280**	**.22553**	**.00512**	**.01086**	**.01022**
Stddev	.00012	.00062	.00036	.00025	.00005	.00002	.00055	.00106	.00008	.00030	.00002
%RSD	1.0909	.58400	2.3719	.24651	.46594	2.3418	.48791	.46865	1.5631	2.7250	.24452
#1	.01053	.10587	.01507	.09986	.01122	.00100	.11241	.22627	.00518	.01065	.01020
#2	.01069	.10675	.01559	.10021	.01130	.00097	.11319	.22478	.00507	.01107	.01024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01579**	W **.07923**	**3.4823**	W **.01248**	**.20749**	**.01058**	**.02022**	F **1.3448**	**.04307**	**2.9368**	**.00994**
Stddev	.00024	.00126	.0325	.00195	.00186	.00003	.00034	.0027	.00044	.0010	.00127
%RSD	1.5100	1.5847	.93227	15.610	.89618	.24637	1.6633	.20040	1.0238	.03410	12.804
#1	.01596	.07834	3.5052	.01110	.20881	.01060	.01998	1.3467	.04338	2.9361	.01084
#2	.01562	.08012	3.4593	.01385	.20618	.01057	.02046	1.3429	.04276	2.9375	.00904
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000				1.0000			
Range		-20.000%		20.000%				30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00766**	**.01085**	**.01405**	**.44576**	**.10557**	**.01058**	**.01394**	**.00972**	**.01615**	F **.07957**	**.01040**
Stddev	.00309	.00231	.00485	.00640	.00084	.00002	.00079	.00040	.00029	.00888	.00001
%RSD	40.308	21.323	34.542	1.4347	.80000	.16497	5.6471	4.1599	1.8023	11.165	.11794
#1	.00985	.00922	.01748	.44123	.10617	.01057	.01338	.00944	.01595	.07329	.01039
#2	.00548	.01249	.01062	.45028	.10497	.01059	.01449	.01001	.01636	.08586	.01041
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value										.06000	
Range										30.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	F **.03515**	**.01352**
Stddev	.00024	.00145
%RSD	.69386	10.696
#1	.03497	.01250
#2	.03532	.01455
Check ?	Chk Fail	Chk Pass
Value	.02000	
Range	30.000%	

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4983.9**	**74491.**	**5353.6**
Stddev	16.8	173.	5.5
%RSD	.33802	.23195	.10242
#1	4972.0	74369.	5349.7
#2	4995.8	74613.	5357.5

Sample Name: 280-20042-A-2-I Acquired: 9/29/2011 22:10:01 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00048**	**24.051**	**.01233**	**.01493**	**.10843**	**.00102**	**.00211**	**29.759**	**.00142**	**.02080**
Stddev	.00009	.058	.00044	.00018	.00028	.00001	.00134	.011	.00018	.00026
%RSD	19.174	.24053	3.5854	1.2017	.26233	.68864	63.536	.03581	12.609	1.2714
#1	.00042	24.091	.01201	.01480	.10863	.00102	.00116	29.767	.00130	.02061
#2	.00055	24.010	.01264	.01505	.10823	.00101	.00306	29.752	.00155	.02099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03872**	**.06784**	**47.577**	**5.1015**	**.05609**	**12.176**	**1.1820**	**.00016**	**1.0156**	**.04709**
Stddev	.00008	.00020	.183	.0186	.00034	.003	.0000	.00031	.0043	.00024
%RSD	.20005	.30118	.38377	.36422	.60061	.02364	.00345	194.46	.42790	.51516
#1	.03878	.06770	47.706	5.1146	.05586	12.178	1.1820	-.00006	1.0125	.04692
#2	.03867	.06799	47.448	5.0883	.05633	12.174	1.1820	.00038	1.0187	.04726
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.8043**	**.03291**	**3.6382**	**.00142**	**-.00124**	**1.8432**	**.00445**	**.06122**	**.01285**	**.21133**
Stddev	.0035	.00143	.0127	.00090	.00340	.0325	.00100	.00012	.00166	.00851
%RSD	.19163	4.3512	.34913	63.718	274.04	1.7620	22.550	.19558	12.896	4.0291
#1	1.8019	.03189	3.6292	.00078	-.00365	1.8202	.00374	.06130	.01402	.21735
#2	1.8068	.03392	3.6472	.00206	.00116	1.8662	.00516	.06113	.01168	.20531
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**.02176**	**.04905**	**.35119**	**.01283**
Stddev	.00034	.00827	.00007	.00126	.00229
%RSD	321.56	38.005	.14008	.35755	17.809
#1	-.00035	.02761	.04909	.35031	.01121
#2	.00014	.01591	.04900	.35208	.01445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5083.8**	**74706.**	**5557.3**
Stddev	30.0	56.	35.1
%RSD	.58947	.07538	.63138
#1	5062.6	74666.	5532.5
#2	5104.9	74745.	5582.1

Sample Name: 280-20042-A-3-E Acquired: 9/29/2011 22:12:39 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00041**	**27.791**	**.01128**	**.01343**	**.20557**	**.00133**	**.00222**	**64.773**	**.00087**	**.02591**
Stddev	.00025	.120	.00004	.00036	.00102	.00005	.00063	.212	.00001	.00014
%RSD	61.563	.43257	.31106	2.6830	.49390	3.4667	28.431	.32758	1.0988	.54376
#1	.00023	27.876	.01131	.01317	.20629	.00130	.00266	64.923	.00088	.02581
#2	.00059	27.706	.01126	.01368	.20485	.00137	.00177	64.623	.00086	.02601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03453**	**.06603**	**47.029**	**5.2705**	**.07628**	**13.605**	**.66772**	**-.00023**	**1.3086**	**.05091**
Stddev	.00019	.00003	.084	.0285	.00035	.010	.00105	.00020	.0187	.00017
%RSD	.56259	.04491	.17845	.54151	.45597	.07562	.15750	85.257	1.4310	.34190
#1	.03439	.06605	47.089	5.2503	.07652	13.613	.66846	-.00037	1.3218	.05104
#2	.03466	.06601	46.970	5.2907	.07603	13.598	.66697	-.00009	1.2953	.05079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.3649**	**.02412**	**.67655**	**.00091**	**-.00223**	**1.5817**	**.00468**	**.09089**	**.01488**	**.26038**
Stddev	.0031	.00155	.00285	.00133	.00023	.0326	.00027	.00015	.00031	.00090
%RSD	.22341	6.4127	.42054	146.72	10.477	2.0630	5.8274	.16940	2.0873	.34611
#1	1.3628	.02521	.67856	.00185	-.00207	1.6048	.00488	.09100	.01466	.26101
#2	1.3671	.02302	.67454	-.00003	-.00240	1.5586	.00449	.09078	.01510	.25974
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00016**	**-.02300**	**.05092**	**.16291**	**.01383**
Stddev	.00211	.00198	.00008	.00039	.00042
%RSD	1309.6	8.6293	.16217	.23964	3.0702
#1	-.00133	-.02160	.05098	.16264	.01353
#2	.00165	-.02440	.05086	.16319	.01413
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5048.6**	**73852.**	**5493.3**
Stddev	24.8	75.	23.0
%RSD	.49082	.10215	.41842
#1	5031.1	73799.	5477.0
#2	5066.1	73905.	5509.5

Sample Name: 280-20042-A-4-E Acquired: 9/29/2011 22:15:19 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00119**	**22.332**	**.01145**	**.01000**	**.19013**	**.00121**	**.00220**	**22.478**	**.00478**	**.01987**
Stddev	.00047	.007	.00296	.00011	.00040	.00001	.00045	.069	.00002	.00009
%RSD	39.428	.03198	25.837	1.0831	.20996	1.2207	20.439	.30604	.50913	.46496
#1	.00152	22.327	.00936	.01008	.18984	.00120	.00252	22.429	.00480	.01980
#2	.00086	22.337	.01354	.00993	.19041	.00122	.00189	22.527	.00476	.01993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04540**	**.05257**	**37.005**	**3.7893**	**.06263**	**13.856**	**1.7110**	**-.00010**	**1.2848**	**.04774**
Stddev	.00004	.00051	.158	.0345	.00172	.020	.0019	.00030	.0032	.00013
%RSD	.08271	.97142	.42698	.90954	2.7388	.14343	.11291	308.55	.24696	.28195
#1	.04538	.05221	36.893	3.8137	.06142	13.870	1.7124	.00012	1.2871	.04784
#2	.04543	.05293	37.117	3.7650	.06385	13.842	1.7096	-.00031	1.2826	.04765
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.9763**	**.09354**	**2.5031**	**.00126**	**-.00056**	**1.2902**	**.00425**	**.06404**	**.01705**	**.30690**
Stddev	.0015	.00035	.0014	.00413	.00119	.0001	.00034	.00009	.00259	.00267
%RSD	.07373	.37126	.05629	328.78	212.25	.01154	7.9140	.13288	15.161	.87071
#1	1.9773	.09330	2.5041	.00418	.00028	1.2903	.00448	.06398	.01888	.30501
#2	1.9752	.09379	2.5021	-.00167	-.00140	1.2901	.00401	.06410	.01522	.30879
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00047**	**-.01317**	**.05534**	**.32174**	**.01059**
Stddev	.00114	.03145	.00029	.00017	.00043
%RSD	240.67	238.79	.52241	.05132	4.0528
#1	.00128	-.03541	.05513	.32186	.01089
#2	-.00033	.00907	.05554	.32163	.01028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5095.7**	**75032.**	**5583.2**
Stddev	12.5	294.	.9
%RSD	.24448	.39179	.01639
#1	5086.9	74824.	5583.8
#2	5104.5	75240.	5582.5

Sample Name: 280-20042-A-5-E Acquired: 9/29/2011 22:17:56 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00636**	**44.000**	**.04861**	**.02269**	**.63960**	**.00335**	**.00758**	**63.214**	**.02674**	**.03698**
Stddev	.00011	.036	.00209	.00022	.00180	.00004	.00037	.018	.00013	.00033
%RSD	1.7482	.08278	4.3065	.97555	.28078	1.1151	4.8415	.02918	.48991	.88472
#1	.00628	44.026	.04713	.02285	.64087	.00333	.00784	63.227	.02665	.03675
#2	.00644	43.974	.05009	.02253	.63833	.00338	.00732	63.201	.02684	.03721
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.13287**	**.26507**	**78.018**	**6.2164**	**.11938**	**19.508**	**5.4962**	**.00138**	**1.6960**	**.10845**
Stddev	.00011	.00033	.283	.0145	.00027	.066	.1067	.00044	.0022	.00027
%RSD	.08320	.12400	.36256	.23379	.22205	.34080	1.9412	31.608	.12912	.24989
#1	.13279	.26483	78.218	6.2061	.11919	19.461	5.4207	.00107	1.6944	.10865
#2	.13295	.26530	77.818	6.2266	.11956	19.555	5.5716	.00168	1.6975	.10826
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.8946**	**.36234**	**8.5631**	**-.00281**	**.00423**	**1.9338**	**.00761**	**.28225**	**.02114**	**.66991**
Stddev	.0079	.00102	.0154	.00133	.00165	.0730	.00021	.00041	.00014	.00370
%RSD	.20191	.28213	.17937	47.259	39.000	3.7764	2.6938	.14591	.68139	.55260
#1	3.8891	.36161	8.5522	-.00375	.00307	1.9854	.00776	.28254	.02125	.66729
#2	3.9002	.36306	8.5740	-.00187	.00540	1.8821	.00747	.28196	.02104	.67253
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00032**	**.00667**	**.15418**	**.77299**	**.01290**
Stddev	.00136	.00338	.00017	.00168	.00082
%RSD	423.02	50.587	.10987	.21736	6.3766
#1	-.00064	.00906	.15430	.77180	.01232
#2	.00128	.00429	.15406	.77417	.01349
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5143.6**	**75981.**	**5678.9**
Stddev	2.4	591.	61.3
%RSD	.04680	.77833	1.0789
#1	5141.9	76400.	5722.2
#2	5145.3	75563.	5635.6

Sample Name: 280-20042-A-6-E Acquired: 9/29/2011 22:20:37 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**33.101**	**.01924**	**.02201**	**.15361**	**.00127**	**.00092**	W **720.76**	**.00202**	**.02802**
Stddev	.00034	.096	.00213	.00001	.00023	.00013	.00351	1.01	.00008	.00013
%RSD	128.62	.28873	11.045	.06111	.15042	9.9144	379.43	.14041	4.0463	.48154
#1	.00002	33.033	.02075	.02202	.15345	.00136	-.00156	721.48	.00196	.02793
#2	.00050	33.168	.01774	.02201	.15377	.00118	.00341	720.05	.00207	.02812
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass
High Limit								500.00		
Low Limit								-.05000		

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.08433**	**.18089**	**78.366**	**5.5102**	**.09608**	**35.979**	**2.3812**	**.00082**	**2.0821**	**.07164**
Stddev	.00006	.00010	.213	.0246	.00348	.012	.0023	.00019	.0023	.00042
%RSD	.06948	.05253	.27139	.44595	3.6179	.03429	.09757	22.797	.11072	.58623
#1	.08429	.18096	78.516	5.4929	.09362	35.970	2.3796	.00068	2.0805	.07134
#2	.08437	.18082	78.215	5.5276	.09853	35.987	2.3829	.00095	2.0837	.07194
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.5530**	**.19398**	**5.3833**	**.00478**	**-.00219**	**2.0341**	**.00600**	**1.3713**	**.01897**	**.33263**
Stddev	.0008	.00086	.0130	.00033	.00272	.0026	.00093	.0004	.00009	.00162
%RSD	.02399	.44103	.24209	6.9754	124.00	.12979	15.441	.02974	.45458	.48772
#1	3.5536	.19459	5.3925	.00454	-.00411	2.0360	.00665	1.3710	.01891	.33378
#2	3.5524	.19338	5.3741	.00501	-.00027	2.0322	.00534	1.3716	.01903	.33148
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00098**	**-.02437**	**.07853**	**1.2146**	**.02073**
Stddev	.00145	.04802	.00014	.0024	.00134
%RSD	147.83	197.04	.18341	.19568	6.4836
#1	.00004	.00958	.07843	1.2129	.01978
#2	-.00201	-.05832	.07863	1.2162	.02168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4801.2**	**70088.**	**5469.3**
Stddev	7.2	194.	45.5
%RSD	.15034	.27681	.83216
#1	4806.3	70225.	5437.1
#2	4796.1	69951.	5501.5

Sample Name: 280-20042-A-7-G Acquired: 9/29/2011 22:24:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 87698 6010B

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00015**	**22.641**	**.00721**	**.01201**	**.07741**	**.00097**	**.00130**	**6.3463**	**.00025**	**.01840**
Stddev	.00026	.042	.00010	.00046	.00062	.00009	.00201	.0141	.00030	.00029
%RSD	173.15	.18461	1.3757	3.8477	.80154	8.7465	154.79	.22165	120.98	1.5612
#1	.00003	22.670	.00728	.01168	.07785	.00103	-.00012	6.3563	.00004	.01860
#2	-.00033	22.611	.00714	.01234	.07697	.00091	.00271	6.3364	.00046	.01820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02663**	**.04715**	**36.280**	**4.9170**	**.05281**	**10.605**	**.58341**	**.01757**	**1.0740**	**.04584**
Stddev	.00020	.00038	.059	.0091	.00396	.007	.00019	.00006	.0013	.00004
%RSD	.74246	.80236	.16348	.18524	7.4940	.06498	.03236	.31557	.11839	.08056
#1	.02677	.04689	36.322	4.9106	.05561	10.610	.58354	.01753	1.0749	.04587
#2	.02649	.04742	36.238	4.9234	.05002	10.600	.58327	.01761	1.0731	.04582
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.6581**	**.01002**	**.82081**	**-.00195**	**-.00177**	**1.8119**	**.00466**	**.02814**	**.01757**	**.18167**
Stddev	.0031	.00135	.00592	.00080	.00232	.0294	.00047	.00017	.00003	.00380
%RSD	.18402	13.425	.72092	41.206	131.37	1.6220	10.050	.59105	.18871	2.0932
#1	1.6560	.00907	.81663	-.00138	-.00341	1.7911	.00433	.02826	.01754	.18436
#2	1.6603	.01097	.82500	-.00252	-.00013	1.8327	.00499	.02803	.01759	.17898
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**-.00530**	**.04864**	**.12849**	**.01540**
Stddev	.00174	.01449	.00050	.00029	.00093
%RSD	494.89	273.59	1.0287	.22295	6.0593
#1	-.00158	.00495	.04829	.12869	.01474
#2	.00088	-.01555	.04899	.12828	.01606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5165.8**	**76729.**	**5496.9**
Stddev	.4	105.	34.8
%RSD	.00770	.13737	.63376
#1	5165.5	76655.	5472.2
#2	5166.0	76804.	5521.5

Sample Name: CCVH-1018440 Acquired: 9/29/2011 22:26:47 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01763**	**46.248**	**-.00447**	**.00065**	**.00099**	**-.00013**	**1.0539**	**-.00169**	**-.00135**	**.00202**	**-.00021**	**.00046**
Stddev	.00002	.076	.00024	.00012	.00000	.00002	.0002	.00282	.00001	.00002	.00010	.00008
%RSD	.13137	.16476	5.3755	18.101	.17419	17.408	.01878	166.67	.51706	1.0148	46.003	17.658
#1	-.01765	46.194	-.00430	.00073	.00099	-.00015	1.0541	.00030	-.00136	.00203	-.00014	.00052
#2	-.01762	46.302	-.00464	.00057	.00100	-.00012	1.0538	-.00369	-.00135	.00200	-.00027	.00040
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.926**	**.05809**	**.00042**	**-.03310**	**-.00031**	**-.00231**	F **282.30**	**.00088**	**.00340**	**-.00073**	**4.9754**	**-.00918**
Stddev	.053	.05821	.00026	.00207	.00004	.00023	.10	.00007	.00183	.00000	.0033	.00095
%RSD	.13508	100.21	63.304	6.2518	12.720	10.132	.03559	8.4337	53.806	.00166	.06545	10.388
#1	38.889	.09924	.00060	-.03457	-.00033	-.00248	282.37	.00083	.00211	-.00073	4.9730	-.00850
#2	38.963	.01693	.00023	-.03164	-.00028	-.00215	282.23	.00093	.00470	-.00073	4.9777	-.00985
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00418**	**.01264**	**.00207**	**.00036**	**4.9311**	**-.00815**	**.00177**	**10.185**	**.00148**	**.00234**	**-.19279**
Stddev	.00106	.00138	.00138	.00004	.0018	.00039	.00142	.002	.00047	.00020	.00252
%RSD	25.508	10.952	66.474	11.906	.03643	4.8267	80.083	.02281	31.978	8.4810	1.3089
#1	.00342	.01166	.00110	.00039	4.9298	-.00787	.00277	10.186	.00115	.00220	-.19458
#2	.00493	.01362	.00305	.00033	4.9323	-.00842	.00077	10.183	.00182	.00249	-.19101
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4768.3**	**70428.**	**5216.7**
Stddev	15.6	491.	9.2
%RSD	.32659	.69702	.17597
#1	4779.3	70080.	5223.2
#2	4757.2	70775.	5210.2

Sample Name: CCV-1012098 Acquired: 9/29/2011 22:29:29 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50378**	**.51035**	**.98890**	**.50246**	**.52787**	**.46842**	**-.00325**	**4.7229**	**.50665**	**.51081**	**.50979**	**.51321**
Stddev	.00081	.00167	.00239	.00100	.00096	.00022	.00233	.0045	.00083	.00063	.00108	.00165
%RSD	.16091	.32641	.24152	.19842	.18253	.04671	71.880	.09461	.16421	.12301	.21212	.32174
#1	.50321	.50917	.98721	.50175	.52719	.46827	-.00160	4.7261	.50606	.51126	.50903	.51204
#2	.50436	.51153	.99059	.50316	.52855	.46858	-.00490	4.7198	.50724	.51037	.51056	.51438
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9771**	F **55.641**	F **1.1467**	**19.991**	**.50819**	**.50402**	F **5.6872**	**.52037**	**1.0014**	**1.0111**	**.00960**	**1.0041**
Stddev	.0095	.052	.0015	.070	.00236	.00170	.0018	.00138	.0008	.0003	.00339	.0015
%RSD	.47867	.09400	.13056	.35202	.46355	.33647	.03082	.26523	.08533	.02737	35.360	.14659
#1	1.9704	55.604	1.1456	19.942	.50652	.50522	5.6859	.51939	1.0008	1.0109	.01200	1.0051
#2	1.9838	55.678	1.1477	20.041	.50985	.50282	5.6884	.52134	1.0020	1.0113	.00720	1.0030
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000	50.000	1.0000				5.0000					
Range	-10.000%	10.000%	10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98076**	**4.5830**	**1.0405**	**.51530**	**-.00184**	**.49637**	**1.0268**	**-.00244**	**.50153**	**.49374**	**.48747**
Stddev	.00078	.0117	.0013	.00098	.00120	.00069	.0019	.02342	.00155	.00206	.00177
%RSD	.07926	.25475	.12825	.19007	65.081	.13973	.18356	960.24	.30870	.41720	.36393
#1	.98021	4.5747	1.0396	.51460	-.00269	.49588	1.0254	.01412	.50044	.49228	.48873
#2	.98131	4.5912	1.0414	.51599	-.00099	.49686	1.0281	-.01900	.50263	.49519	.48622
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4887.5**	**72240.**	**5236.4**
Stddev	9.3	385.	34.4
%RSD	.18964	.53241	.65741
#1	4894.1	72512.	5260.8
#2	4881.0	71968.	5212.1

Sample Name: CCB Acquired: 9/29/2011 22:32:02 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00070**	**.00023**	**.00205**	**.00040**	**.00051**	**-.00005**	**-.00626**	**-.00631**	**.00011**	**.00012**	**-.00012**
Stddev	.00029	.00044	.00193	.00004	.00041	.00004	.00258	.00185	.00012	.00017	.00004
%RSD	41.534	194.58	94.333	11.131	78.922	93.965	41.166	29.354	107.97	142.17	29.285
#1	.00050	-.00008	.00341	.00043	.00023	-.00002	-.00444	-.00500	.00003	.00000	-.00014
#2	.00091	.00053	.00068	.00037	.00080	-.00008	-.00809	-.00762	.00020	.00024	-.00010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00060**	**-.00290**	**.04246**	**-.00085**	**-.00125**	**-.00001**	**.00246**	F **.18441**	**-.00004**	**-.00028**	**.00013**
Stddev	.00025	.00049	.01735	.00360	.00239	.00002	.00079	.01234	.00009	.00065	.00009
%RSD	42.487	16.854	40.855	426.47	191.60	348.04	32.172	6.6901	258.46	234.14	71.002
#1	-.00042	-.00324	.05473	.00170	-.00294	.00001	.00190	.19314	.00003	-.00074	.00020
#2	-.00078	-.00255	.03019	-.00339	.00044	-.00002	.00302	.17569	-.00010	.00018	.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00492**	F **.00821**	W **.00704**	**.00493**	**.00023**	**-.00012**	**.00109**	**.00008**	**-.00049**	**-.00341**	**.00009**
Stddev	.00147	.00140	.00235	.00337	.00076	.00006	.00136	.00023	.00104	.01619	.00001
%RSD	29.773	17.071	33.445	68.358	328.03	48.937	124.97	285.12	211.70	474.75	8.5175
#1	.00596	.00722	.00870	.00255	.00077	-.00008	.00013	-.00008	-.00123	-.01486	.00008
#2	.00389	.00921	.00537	.00731	-.00031	-.00016	.00205	.00024	.00024	.00804	.00009
Check ?	None	Chk Fail	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628	.00486								
Low Limit		-.00628	-.00486								

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00135**	**-.00114**
Stddev	.00021	.00082
%RSD	15.773	72.174
#1	.00120	-.00172
#2	.00150	-.00056
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4895.2**	**73875.**	**5205.0**
Stddev	.8	364.	35.8
%RSD	.01731	.49302	.68783
#1	4894.6	73617.	5230.3
#2	4895.8	74132.	5179.7

Sample Name: CCVL1018383 Acquired: 9/29/2011 22:34:49 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01068**	**.10519**	**.01441**	**.09901**	**.01106**	**.00086**	**.11287**	**.18735**	**.00510**	**.01068**	**.01028**
Stddev	.00058	.00016	.00308	.00010	.00009	.00013	.00012	.00456	.00009	.00003	.00006
%RSD	5.4346	.14904	21.409	.09858	.85047	15.445	.10896	2.4331	1.8360	.29520	.58486
#1	.01027	.10530	.01223	.09908	.01100	.00095	.11278	.19058	.00504	.01070	.01023
#2	.01109	.10508	.01659	.09894	.01113	.00076	.11295	.18413	.00517	.01065	.01032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01568**	W **.07644**	**3.4047**	W **.01202**	**.20646**	**.01044**	**.01950**	F **1.3252**	**.04272**	**2.9026**	**.00780**
Stddev	.00052	.00041	.0022	.00131	.00039	.00003	.00029	.0112	.00020	.0003	.00077
%RSD	3.3321	.53030	.06580	10.858	.18684	.24441	1.5011	.84705	.46982	.01024	9.9159
#1	.01605	.07616	3.4031	.01110	.20618	.01046	.01929	1.3173	.04287	2.9024	.00835
#2	.01531	.07673	3.4063	.01295	.20673	.01042	.01971	1.3332	.04258	2.9028	.00725
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000				1.0000			
Range		-20.000%		20.000%				30.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00450**	W **.01268**	**.01470**	**.44397**	**.10362**	**.01049**	**.01451**	**.00979**	**.01581**	F **.10204**	**.01017**
Stddev	.00013	.00059	.00166	.01220	.00026	.00002	.00118	.00007	.00005	.04111	.00011
%RSD	2.9185	4.6651	11.317	2.7485	.25079	.20611	8.1371	.76334	.34138	40.286	1.1249
#1	.00441	.01226	.01352	.43534	.10344	.01048	.01534	.00973	.01577	.07298	.01025
#2	.00459	.01309	.01587	.45260	.10381	.01051	.01367	.00984	.01584	.13111	.01009
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		.01000								.06000	
Range		20.000%								30.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02120**	**.01201**
Stddev	.00032	.00170
%RSD	1.5303	14.146
#1	.02143	.01321
#2	.02097	.01081
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4937.8**	**73617.**	**5227.6**
Stddev	28.8	174.	72.0
%RSD	.58414	.23635	1.3773
#1	4917.4	73740.	5278.5
#2	4958.2	73494.	5176.7

Sample Name: MB 280-86620/1-A Acquired: 9/29/2011 22:37:32 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00079**	**.02104**	**.00122**	W **.00749**	**.00353**	**-.00005**	W **-.00599**	**.04418**	**.00010**	**.00012**
Stddev	.00016	.00022	.00137	.00025	.00022	.00008	.00134	.00070	.00005	.00002
%RSD	20.590	1.0576	112.14	3.3800	6.3234	153.63	22.329	1.5837	50.525	13.630
#1	.00068	.02089	.00025	.00767	.00368	.00000	-.00693	.04467	.00013	.00011
#2	.00091	.02120	.00219	.00731	.00337	-.00010	-.00504	.04368	.00006	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit				.00500			.00500			
Low Limit				-.00500			-.00500			

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**-.00029**	**.01063**	**.00804**	**.00121**	**.00835**	**.00062**	**-.00035**	W **.60453**	**.00000**
Stddev	.00003	.00008	.00264	.01634	.00054	.00156	.00001	.00003	.01664	.0001
%RSD	65.759	27.900	24.847	203.13	44.471	18.712	1.5489	8.1788	2.7518	18164.
#1	.00006	-.00035	.00877	.01960	.00159	.00945	.00063	-.00037	.59277	.00007
#2	.00002	-.00023	.01250	-.00351	.00083	.00724	.00062	-.00033	.61629	-.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
High Limit									.50000	
Low Limit									-.50000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	W **.00600**	**-.00037**	**.03415**	**.00123**	**.00044**	W **.05095**	**.00966**	**.00030**	**.00041**	**.00045**
Stddev	.00027	.00135	.00005	.00103	.00253	.00783	.00097	.00000	.00061	.00041
%RSD	4.5764	370.34	.13930	83.244	581.08	15.378	10.014	.34384	151.61	92.369
#1	.00580	.00059	.03411	.00196	-.00136	.05649	.00898	.00030	-.00003	.00074
#2	.00619	-.00132	.03418	.00051	.00223	.04541	.01034	.00030	.00084	.00015
Check ?	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit	.00500					.05000				
Low Limit	-.00500					-.05000				

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00189**	**.00982**	**.00030**	**.00246**	**-.00166**
Stddev	.00012	.00415	.00034	.00023	.00009
%RSD	6.3076	42.251	111.68	9.3337	5.4130
#1	-.00198	.01276	.00054	.00263	-.00172
#2	-.00181	.00689	.00006	.00230	-.00160
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5016.1**	**75142.**	**5330.5**
Stddev	19.5	247.	24.2
%RSD	.38971	.32883	.45381
#1	5002.3	74967.	5347.6
#2	5029.9	75317.	5313.4

Sample Name: LCS 280-86620/2-A Acquired: 9/29/2011 22:40:17 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04617**	**1.8943**	**.96561**	**.99398**	**2.0431**	**.04514**	**2.1217**	**45.177**	**.09100**	**.48319**
Stddev	.00048	.0035	.00335	.00185	.0003	.00012	.0006	.045	.00012	.00102
%RSD	1.0490	.18261	.34690	.18590	.01583	.27142	.02971	.10029	.13203	.21198
#1	.04651	1.8967	.96325	.99267	2.0428	.04523	2.1221	45.209	.09109	.48247
#2	.04583	1.8919	.96798	.99529	2.0433	.04506	2.1212	45.145	.09092	.48392
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19615**	**.24781**	F **.77245**	**53.927**	F **1.1037**	**47.304**	**.48644**	**.96332**	F **56.750**	**.49191**
Stddev	.00048	.00021	.00318	.159	.0005	.070	.00075	.00002	.187	.00175
%RSD	.24231	.08650	.41148	.29515	.04782	.14859	.15447	.00230	.32969	.35508
#1	.19581	.24766	.77020	53.814	1.1040	47.354	.48697	.96331	56.618	.49068
#2	.19648	.24796	.77470	54.040	1.1033	47.255	.48591	.96334	56.882	.49315
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit			1.2000		1.1000				56.000	
Low Limit			.87000		.90000				45.000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.8651**	**.47947**	**.03605**	**.47912**	**1.9060**	**2.2201**	**1.9595**	**1.0068**	**.95958**	**.95915**
Stddev	.0122	.00328	.00226	.00221	.0017	.0106	.0017	.0004	.00273	.00107
%RSD	.12369	.68317	6.2648	.46140	.08959	.47738	.08699	.03635	.28429	.11138
#1	9.8565	.47716	.03445	.48069	1.9072	2.2126	1.9583	1.0071	.96151	.95990
#2	9.8738	.48179	.03765	.47756	1.9048	2.2276	1.9607	1.0066	.95765	.95839
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9418**	**2.0837**	**.49200**	**.47051**	**.43208**
Stddev	.0054	.0302	.00021	.00010	.00174
%RSD	.27752	1.4471	.04299	.02108	.40263
#1	1.9380	2.0624	.49185	.47058	.43085
#2	1.9456	2.1051	.49215	.47044	.43331
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4785.3**	**71451.**	**5263.5**
Stddev	27.6	316.	24.2
%RSD	.57631	.44232	.45954
#1	4804.8	71227.	5280.6
#2	4765.8	71674.	5246.4

Sample Name: 280-20398-A-1-A Acquired: 9/29/2011 22:42:48 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00001**	**109.24**	**.05331**	**.15968**	**1.1433**	**.00658**	**.01329**	**80.980**	**.00527**	**.06696**
Stddev	.00005	.26	.00072	.00024	.0031	.00012	.00197	.179	.00001	.00001
%RSD	325.84	.23666	1.3589	.14756	.27203	1.8900	14.817	.22090	.10514	.01736
#1	.00005	109.06	.05279	.15985	1.1411	.00649	.01189	80.854	.00527	.06697
#2	-.00002	109.42	.05382	.15951	1.1455	.00667	.01468	81.107	.00526	.06695
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.14726**	**.25860**	**136.23**	**41.177**	**.18218**	**48.055**	**6.9019**	**.00732**	**1.4608**	**.13547**
Stddev	.00045	.00023	.29	.137	.00020	.030	.0215	.00086	.0025	.00058
%RSD	.30729	.08851	.21418	.33290	.10731	.06186	.31166	11.790	.17292	.42720
#1	.14758	.25877	136.03	41.080	.18204	48.076	6.9171	.00671	1.4590	.13506
#2	.14694	.25844	136.44	41.274	.18232	48.033	6.8867	.00793	1.4626	.13588
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.962**	**.51809**	**7.0358**	**.00347**	**.01217**	**2.6256**	**.13613**	**.18780**	**.04525**	**1.0818**
Stddev	.001	.00127	.0071	.00309	.00349	.0465	.00009	.00053	.00093	.0011
%RSD	.00482	.24589	.10046	89.262	28.668	1.7722	.06263	.28234	2.0658	.10309
#1	12.961	.51899	7.0408	.00128	.00971	2.6585	.13607	.18743	.04591	1.0826
#2	12.962	.51719	7.0308	.00565	.01464	2.5927	.13619	.18818	.04459	1.0810
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00138**	**-.03979**	**.15501**	**.99910**	**.02531**
Stddev	.00090	.03015	.00014	.00281	.00174
%RSD	64.989	75.781	.08743	.28152	6.8640
#1	-.00202	-.06111	.15491	1.0011	.02408
#2	-.00075	-.01847	.15511	.99711	.02653
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5304.5**	**77963.**	**5956.6**
Stddev	7.4	174.	15.0
%RSD	.13886	.22301	.25226
#1	5299.3	77840.	5967.2
#2	5309.7	78085.	5945.9

Sample Name: 280-20398-A-2-A Acquired: 9/29/2011 22:45:30 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00016**	**129.12**	**.04688**	**.12294**	**1.0056**	**.00740**	**.01588**	**115.37**	**.00424**	**.07633**
Stddev	.00018	.08	.00109	.00080	.0002	.00016	.00146	.10	.00011	.00029
%RSD	114.14	.06058	2.3352	.65175	.01959	2.1310	9.2008	.08446	2.4944	.37563
#1	.00003	129.06	.04765	.12351	1.0058	.00729	.01485	115.30	.00417	.07654
#2	.00029	129.17	.04610	.12237	1.0055	.00752	.01692	115.44	.00432	.07613
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15736**	**.44850**	**138.51**	**43.517**	**.22271**	**59.454**	**7.1437**	**.00253**	**1.4015**	**.16646**
Stddev	.00021	.00186	.14	.008	.00046	.259	.0045	.00040	.0072	.00031
%RSD	.13358	.41466	.10162	.01817	.20557	.43484	.06362	15.804	.51514	.18654
#1	.15751	.44719	138.41	43.511	.22238	59.271	7.1405	.00225	1.4066	.16624
#2	.15721	.44982	138.61	43.523	.22303	59.637	7.1469	.00281	1.3964	.16668
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.185**	**1.2705**	**4.6599**	**.00032**	**.00454**	**2.6869**	**.00598**	**.19929**	**.05075**	**1.1239**
Stddev	.004	.0041	.0125	.00070	.00248	.0274	.00011	.00018	.00093	.0018
%RSD	.03061	.32195	.26827	221.70	54.696	1.0209	1.7814	.08793	1.8284	.16268
#1	12.183	1.2676	4.6511	-.00018	.00630	2.7063	.00605	.19941	.05140	1.1226
#2	12.188	1.2734	4.6687	.00081	.00279	2.6676	.00590	.19917	.05009	1.1252
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	W **-.05249**	**.17413**	**.73094**	**.02717**
Stddev	.00067	.00838	.00084	.00132	.00203
%RSD	170.86	15.972	.48057	.18075	7.4755
#1	-.00087	-.05842	.17354	.73001	.02573
#2	.00008	-.04657	.17472	.73188	.02861
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5325.3**	**77997.**	**6075.3**
Stddev	5.6	644.	21.1
%RSD	.10434	.82548	.34813
#1	5329.2	78452.	6090.2
#2	5321.4	77541.	6060.3

Sample Name: 280-20398-A-3-A Acquired: 9/29/2011 22:48:12 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00001**	**129.77**	**.04887**	**.12489**	**1.1055**	**.00723**	**.01374**	**332.79**	**.00439**	**.07695**
Stddev	.00010	.09	.00226	.00091	.0008	.00004	.00076	.31	.00005	.00019
%RSD	1163.0	.06736	4.6279	.72736	.07318	.51332	5.5355	.09294	1.2366	.24490
#1	.00008	129.71	.05047	.12553	1.1061	.00725	.01428	333.01	.00435	.07708
#2	-.00006	129.83	.04727	.12425	1.1049	.00720	.01321	332.57	.00443	.07681
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15681**	**.31096**	**138.88**	**44.093**	**.22339**	**59.278**	**9.4683**	**.00202**	**1.6065**	**.16601**
Stddev	.00011	.00017	.21	.016	.00593	.061	.0703	.00013	.0142	.00058
%RSD	.07043	.05523	.15247	.03683	2.6526	.10258	.74291	6.2756	.88349	.34710
#1	.15689	.31108	139.03	44.105	.21920	59.235	9.5181	.00193	1.5964	.16642
#2	.15674	.31084	138.73	44.082	.22758	59.321	9.4186	.00211	1.6165	.16561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.760**	**1.4467**	**4.9250**	**.01249**	**-.00017**	**3.0638**	**.00599**	**.57517**	**.05318**	**1.0467**
Stddev	.038	.0030	.0061	.00137	.00307	.0087	.00151	.00023	.00202	.0011
%RSD	.25890	.20589	.12313	10.976	1765.1	.28461	25.250	.03968	3.8057	.10274
#1	14.787	1.4488	4.9293	.01152	.00200	3.0576	.00706	.57500	.05461	1.0460
#2	14.733	1.4446	4.9207	.01346	-.00235	3.0700	.00492	.57533	.05175	1.0475
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00193**	F **-.10108**	**.16694**	**.71886**	**.02675**
Stddev	.00012	.00551	.00017	.00140	.00231
%RSD	6.3208	5.4483	.10260	.19498	8.6507
#1	-.00202	-.09718	.16706	.71787	.02838
#2	-.00184	-.10497	.16682	.71985	.02511
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5234.7**	**75664.**	**6084.7**
Stddev	11.4	58.	23.4
%RSD	.21708	.07692	.38452
#1	5226.7	75705.	6101.3
#2	5242.7	75623.	6068.2

Sample Name: sd 280-20398-A-3-A@5 Acquired: 9/29/2011 22:50:57 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00059**	**29.272**	**.01097**	**.02782**	**.24810**	**.00156**	**.00080**	**77.440**	**.00101**	**.01759**
Stddev	.00007	.051	.00181	.00062	.00006	.00004	.00043	.149	.00004	.00005
%RSD	11.163	.17311	16.493	2.2255	.02600	2.6778	53.704	.19187	3.6413	.30424
#1	.00064	29.308	.01225	.02738	.24814	.00159	.00049	77.545	.00104	.01763
#2	.00055	29.236	.00969	.02826	.24805	.00153	.00110	77.335	.00098	.01756
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.03471**	**.06667**	**29.648**	**9.8124**	**.05247**	**13.338**	**2.1840**	**-.00025**	**.50531**	**.03796**
Stddev	.00021	.00005	.001	.0233	.00271	.035	.0063	.00027	.02040	.00064
%RSD	.60603	.07838	.00305	.23738	5.1738	.25958	.28679	105.95	4.0367	1.6950
#1	.03456	.06671	29.647	9.8289	.05439	13.363	2.1884	-.00044	.49088	.03841
#2	.03486	.06663	29.648	9.7959	.05055	13.314	2.1796	-.00006	.51973	.03750
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.2176**	**.33336**	**1.0513**	**.00441**	**-.00078**	**.77537**	**.00126**	**.12902**	**.01389**	**.23076**
Stddev	.0060	.00067	.0022	.00083	.00635	.01289	.00044	.00007	.00106	.00246
%RSD	.18762	.20205	.20487	18.767	818.63	1.6623	35.183	.05581	7.6296	1.0662
#1	3.2219	.33289	1.0498	.00382	.00371	.78449	.00095	.12897	.01314	.23250
#2	3.2133	.33384	1.0529	.00499	-.00526	.76626	.00158	.12907	.01464	.22902
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00183**	**-.01126**	**.03982**	**.16372**	**.00617**
Stddev	.00016	.00563	.00025	.00083	.00080
%RSD	8.6110	50.014	.63756	.50957	12.930
#1	.00194	-.01524	.04000	.16431	.00674
#2	.00172	-.00727	.03964	.16313	.00561
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4957.2**	**73238.**	**5322.0**
Stddev	.2	96.	22.5
%RSD	.00313	.13082	.42327
#1	4957.3	73306.	5306.0
#2	4957.1	73171.	5337.9

Sample Name: 280-20398-A-3-B MS Acquired: 9/29/2011 22:53:38 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04157**	**223.81**	**.90007**	**1.0862**	**3.0243**	**.04775**	**1.8440**	**322.49**	**.08498**	**.48992**
Stddev	.00028	.25	.00431	.0001	.0053	.00014	.0002	1.15	.00021	.00013
%RSD	.67001	.11306	.47882	.01026	.17387	.29810	.01169	.35694	.24543	.02577
#1	.04137	223.99	.89702	1.0861	3.0280	.04785	1.8439	321.67	.08513	.48984
#2	.04177	223.63	.90312	1.0862	3.0205	.04765	1.8442	323.30	.08483	.49001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.41156**	**.57879**	**165.39**	W **133.88**	**1.2304**	**117.54**	**9.7612**	**.77394**	**50.296**	**.60465**
Stddev	.00006	.00208	.19	.29	.0003	.03	.0049	.00080	.312	.00046
%RSD	.01575	.35891	.11760	.21787	.02082	.02403	.05037	.10314	.61992	.07605
#1	.41152	.58026	165.53	134.09	1.2303	117.56	9.7577	.77450	50.075	.60432
#2	.41161	.57732	165.25	133.68	1.2306	117.52	9.7647	.77338	50.516	.60497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				100.00						
Low Limit				-.50000						

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.259**	**1.6454**	**5.5680**	**.13211**	**1.6343**	**4.5335**	**1.5275**	**1.3292**	**.70148**	**2.6311**
Stddev	.014	.0018	.0022	.00057	.0031	.0542	.0006	.0025	.00151	.0046
%RSD	.06090	.10635	.03919	.43298	.18661	1.1964	.04277	.18754	.21497	.17648
#1	22.250	1.6441	5.5695	.13252	1.6321	4.5718	1.5279	1.3310	.70042	2.6344
#2	22.269	1.6466	5.5664	.13171	1.6364	4.4951	1.5270	1.3275	.70255	2.6278
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.5374**	**1.6584**	**.73063**	**1.2068**	**.14828**
Stddev	.0039	.0439	.00054	.0004	.00149
%RSD	.25197	2.6445	.07382	.02898	1.0036
#1	1.5347	1.6894	.73101	1.2071	.14722
#2	1.5401	1.6274	.73025	1.2066	.14933
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5128.2**	**74225.**	**6004.4**
Stddev	6.6	119.	34.2
%RSD	.12900	.16023	.56984
#1	5132.9	74141.	5980.3
#2	5123.6	74309.	6028.6

Sample Name: 280-20398-A-3-C MSD Acquired: 9/29/2011 22:57:08 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04199**	**231.67**	**.89856**	**1.0870**	**3.0289**	**.04807**	**1.8451**	**223.54**	**.08522**	**.49660**
Stddev	.00017	.52	.00390	.0015	.0014	.00026	.0034	4.26	.00000	.00005
%RSD	.41652	.22456	.43422	.14073	.04728	.53283	.18707	1.9043	.00577	.01076
#1	.04187	232.04	.89580	1.0859	3.0299	.04825	1.8427	220.53	.08522	.49664
#2	.04212	231.30	.90131	1.0881	3.0279	.04789	1.8475	226.55	.08522	.49656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.41995**	**.60167**	**175.89**	W **136.70**	**1.2289**	**119.68**	**9.0373**	**.76643**	**51.170**	**.61766**
Stddev	.00006	.00180	.22	.09	.0046	1.16	.0805	.00050	.039	.00034
%RSD	.01459	.29949	.12275	.06220	.37479	.96746	.89087	.06582	.07673	.05471
#1	.41999	.60040	176.04	136.76	1.2322	118.86	8.9803	.76607	51.142	.61790
#2	.41991	.60295	175.74	136.64	1.2257	120.50	9.0942	.76679	51.197	.61742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				100.00						
Low Limit				-.50000						

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.464**	**2.1775**	**5.9802**	**.11882**	**1.6404**	**4.2585**	**1.5080**	**1.2268**	**.69706**	**2.6694**
Stddev	.034	.0038	.0010	.00143	.0133	.0272	.0015	.0015	.00025	.0013
%RSD	.15119	.17433	.01687	1.2059	.80778	.63968	.10115	.12550	.03538	.04879
#1	22.440	2.1748	5.9795	.11781	1.6497	4.2778	1.5069	1.2279	.69724	2.6685
#2	22.488	2.1802	5.9809	.11984	1.6310	4.2393	1.5091	1.2257	.69689	2.6703
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.5506**	**1.7134**	**.74828**	**1.2559**	**.14596**
Stddev	.0034	.0521	.00202	.0029	.00522
%RSD	.21905	3.0387	.27011	.23236	3.5781
#1	1.5482	1.6766	.74685	1.2538	.14965
#2	1.5530	1.7502	.74971	1.2579	.14226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5218.2**	**75508.**	**6074.1**
Stddev	18.4	201.	1.9
%RSD	.35321	.26599	.03094
#1	5231.2	75650.	6072.7
#2	5205.1	75366.	6075.4

Sample Name: pds 280-20398-A-3-A Acquired: 9/29/2011 23:00:42 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.04582**	**129.19**	**.22682**	**.21371**	**1.1936**	**.04617**	**.01387**	**339.17**	**.04885**	**.11831**
Stddev	.00046	.18	.00163	.00118	.0001	.00020	.00478	3.00	.00008	.00013
%RSD	1.0137	.13603	.71990	.55366	.00382	.42998	34.466	.88487	.16903	.11025
#1	.04615	129.07	.22566	.21455	1.1936	.04603	.01049	337.05	.04891	.11821
#2	.04549	129.32	.22797	.21287	1.1937	.04631	.01725	341.29	.04880	.11840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	818.326 { 41}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.19995**	**.35637**	**138.32**	**63.728**	**.31876**	**76.350**	**9.4876**	**.04521**	**22.428**	**.20588**
Stddev	.00024	.00239	.24	.048	.00088	.352	.0453	.00007	.094	.00053
%RSD	.11852	.66966	.17040	.07496	.27454	.46097	.47753	.14624	.42101	.25688
#1	.20011	.35806	138.15	63.695	.31814	76.598	9.5196	.04526	22.361	.20551
#2	.19978	.35468	138.49	63.762	.31938	76.101	9.4556	.04516	22.495	.20626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.415**	**1.5189**	**4.9370**	**.10015**	**.17621**	**6.9186**	**.09070**	**.61653**	**.23142**	**1.0931**
Stddev	.005	.0017	.0096	.00112	.00141	.0215	.00028	.00106	.00141	.0054
%RSD	.03012	.10856	.19394	1.1138	.79938	.31057	.31333	.17200	.61033	.49541
#1	16.411	1.5178	4.9303	.10094	.17721	6.9338	.09090	.61578	.23242	1.0969
#2	16.418	1.5201	4.9438	.09936	.17522	6.9034	.09050	.61728	.23042	1.0893
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.16357**	**.35419**	**.21362**	**.88614**	**.06227**
Stddev	.00200	.02744	.00020	.00461	.00211
%RSD	1.2241	7.7485	.09144	.52035	3.3822
#1	.16498	.37359	.21375	.88940	.06078
#2	.16215	.33478	.21348	.88288	.06376
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5212.5**	**74934.**	**6059.0**
Stddev	9.1	260.	22.3
%RSD	.17549	.34655	.36745
#1	5219.0	74750.	6074.7
#2	5206.1	75118.	6043.2

Sample Name: CCVH-1018440 Acquired: 9/29/2011 23:03:26 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01699**	**45.608**	**.00056**	**.00273**	**.00122**	**-.00017**	**1.0489**	**.00141**	**-.00142**	**.00213**	**-.00016**	**.00092**
Stddev	.00005	.128	.00486	.00018	.00016	.00007	.0000	.00276	.00030	.00018	.00000	.00041
%RSD	.27678	.27981	862.50	6.4062	13.350	38.141	.00200	195.93	21.336	8.5869	2.8230	44.616
#1	-.01702	45.518	.00400	.00286	.00110	-.00013	1.0488	.00336	-.00163	.00226	-.00016	.00122
#2	-.01696	45.698	-.00287	.00261	.00133	-.00022	1.0489	-.00054	-.00120	.00200	-.00016	.00063
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.638**	**.31515**	**.00174**	**-.03292**	**.00009**	**-.00145**	F **284.63**	**.00059**	**.00664**	**-.00182**	**4.9734**	**-.01014**
Stddev	.064	.00594	.00025	.00042	.00002	.00007	.48	.00016	.00102	.00080	.0052	.00102
%RSD	.16443	1.8847	14.569	1.2708	26.103	4.9080	.16978	28.110	15.368	44.047	.10459	10.055
#1	38.593	.31095	.00156	-.03322	.00008	-.00150	284.29	.00070	.00592	-.00238	4.9771	-.01086
#2	38.682	.31935	.00192	-.03263	.00011	-.00140	284.97	.00047	.00736	-.00125	4.9698	-.00942
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00606**	**.01323**	**.00258**	**.00027**	**4.9289**	**-.00728**	**.00167**	**10.186**	**.00154**	**.00245**	**-.19617**
Stddev	.00063	.00520	.00091	.00006	.0024	.00002	.00004	.025	.00028	.00003	.00155
%RSD	10.348	39.331	35.128	24.080	.04946	.24646	2.2731	.24638	18.401	1.4210	.78975
#1	.00561	.00955	.00322	.00031	4.9272	-.00730	.00170	10.168	.00134	.00247	-.19507
#2	.00650	.01691	.00194	.00022	4.9306	-.00727	.00164	10.204	.00174	.00242	-.19726
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4775.3**	**69490.**	**5156.5**
Stddev	7.6	58.	24.6
%RSD	.16013	.08320	.47622
#1	4769.9	69531.	5173.8
#2	4780.7	69449.	5139.1

Sample Name: CCV-1012098 Acquired: 9/29/2011 23:06:08 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50525**	**.51709**	**.99347**	**.50787**	**.53395**	**.46778**	**-.00443**	**4.6850**	**.51073**	**.51492**	**.51337**	**.51844**
Stddev	.00043	.00095	.00093	.00119	.00292	.00138	.00040	.0257	.00108	.00055	.00043	.00055
%RSD	.08447	.18436	.09333	.23479	.54696	.29478	9.0847	.54801	.21081	.10738	.08448	.10581
#1	.50555	.51776	.99413	.50703	.53188	.46680	-.00414	4.6669	.51149	.51531	.51367	.51883
#2	.50495	.51641	.99282	.50871	.53602	.46875	-.00471	4.7032	.50997	.51453	.51306	.51805
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9807**	F **56.727**	F **1.1602**	**20.295**	**.51558**	**.50602**	F **5.6462**	**.52600**	**1.0104**	**1.0176**	**.00683**	**1.0084**
Stddev	.0156	.308	.0061	.069	.00165	.00046	.0302	.00029	.0030	.0011	.00269	.0023
%RSD	.78777	.54360	.52229	.34122	.31918	.09090	.53476	.05459	.29786	.10782	39.339	.23196
#1	1.9697	56.509	1.1560	20.344	.51675	.50634	5.6248	.52620	1.0125	1.0184	.00493	1.0067
#2	1.9918	56.945	1.1645	20.246	.51442	.50569	5.6675	.52579	1.0083	1.0168	.00873	1.0101
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000	50.000	1.0000				5.0000					
Range	-10.000%	10.000%	10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98953**	**4.5271**	**1.0518**	**.52148**	**-.00061**	**.49876**	**1.0367**	**.02031**	**.51111**	**.50375**	**.48370**
Stddev	.00099	.0264	.0006	.00313	.00212	.00182	.0021	.01195	.00103	.00309	.00649
%RSD	.10001	.58336	.05473	.59947	349.59	.36589	.20454	58.807	.20151	.61395	1.3408
#1	.98883	4.5084	1.0514	.51927	-.00210	.50005	1.0382	.01187	.51184	.50594	.47912
#2	.99023	4.5457	1.0522	.52369	.00089	.49747	1.0352	.02876	.51038	.50157	.48829
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4834.5**	**71134.**	**5161.3**
Stddev	18.5	520.	67.3
%RSD	.38272	.73080	1.3046
#1	4821.4	70767.	5208.9
#2	4847.6	71502.	5113.7

Sample Name: CCB Acquired: 9/29/2011 23:08:41 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00084**	**.00131**	**.00332**	**.00120**	**.00053**	**-.00004**	**-.00512**	**-.00760**	**-.00002**	**.00005**
Stddev	.00024	.00026	.00413	.00024	.00018	.00001	.00054	.00081	.00011	.00011
%RSD	28.953	19.854	124.44	20.057	33.075	22.426	10.494	10.694	458.46	248.45
#1	.00067	.00113	.00040	.00103	.00041	-.00004	-.00474	-.00818	.00005	-.00003
#2	.00101	.00150	.00624	.00137	.00066	-.00003	-.00550	-.00703	-.00010	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00010**	**-.00081**	**.00047**	**.12847**	**.00131**	**-.00193**	**.00001**	**.00251**	F **.14876**	**.00019**
Stddev	.00020	.00014	.00125	.01871	.00009	.00085	.00009	.00061	.00178	.00015
%RSD	200.90	17.324	267.31	14.560	6.6477	43.909	1183.3	24.374	1.1980	78.974
#1	.00004	-.00091	-.00042	.11525	.00125	-.00133	-.00006	.00207	.15002	.00029
#2	-.00024	-.00071	.00135	.14170	.00137	-.00252	.00007	.00294	.14750	.00008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit									.10000	
Low Limit									-.10000	

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00208**	**-.00091**	**.00355**	F **.00805**	**.00172**	**.00640**	**.00011**	**.00001**	**.00157**	**-.00025**
Stddev	.00045	.00053	.00168	.00078	.00102	.00690	.00026	.00000	.00007	.00026
%RSD	21.744	58.804	47.230	9.6922	59.282	107.87	232.11	56.960	4.3947	103.92
#1	-.00240	-.00129	.00473	.00750	.00244	.00152	-.00007	.00001	.00162	-.00043
#2	-.00176	-.00053	.00236	.00860	.00100	.01128	.00030	.00000	.00152	-.00007
Check ?	Chk Pass	Chk Pass	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				.00628						
Low Limit				-.00628						

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00149**	**-.00777**	**.00006**	**.00117**	W **-.00252**
Stddev	.00223	.00960	.00007	.00028	.00263
%RSD	150.08	123.63	112.68	24.100	104.29
#1	-.00306	-.01456	.00001	.00097	-.00066
#2	.00009	-.00098	.00011	.00136	-.00437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn
High Limit					.00238
Low Limit					-.00238

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4835.7**	**72777.**	**5023.8**
Stddev	20.5	285.	1.4
%RSD	.42429	.39219	.02797
#1	4821.2	72576.	5024.8
#2	4850.3	72979.	5022.8

Sample Name: CCVL1018383 Acquired: 9/29/2011 23:11:28 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00934**	**.10366**	**.01487**	**.09808**	**.01088**	**.00093**	**.10960**	**.18014**	**.00488**	**.01026**	**.01004**
Stddev	.00005	.00011	.00201	.00020	.00008	.00001	.00077	.00061	.00003	.00009	.00002
%RSD	.58353	.11046	13.495	.20800	.75335	.75035	.69894	.33693	.55505	.91898	.24833
#1	.00930	.10358	.01345	.09822	.01094	.00094	.11014	.18057	.00490	.01033	.01006
#2	.00938	.10374	.01629	.09794	.01082	.00093	.10906	.17971	.00486	.01019	.01003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01441**	W **.07187**	**3.4540**	**.01105**	**.19917**	**.01024**	**.01960**	W **1.2626**	**.04216**	**2.8875**	**.00951**
Stddev	.00002	.00055	.0414	.00150	.00165	.00003	.00019	.0063	.00000	.0015	.00101
%RSD	.11796	.75914	1.1984	13.547	.83016	.24778	.95006	.50208	.00752	.05197	10.664
#1	.01442	.07225	3.4247	.01211	.20034	.01026	.01946	1.2581	.04216	2.8885	.01023
#2	.01440	.07148	3.4833	.01000	.19800	.01023	.01973	1.2671	.04216	2.8864	.00879
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
Value		.10000						1.0000			
Range		-20.000%						20.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00126**	**.01160**	**.01314**	**.45293**	**.10495**	**.01016**	**.01355**	**.00969**	**.01492**	**.06592**	**.00963**
Stddev	.00041	.00012	.00087	.01717	.00078	.00006	.00075	.00009	.00136	.01674	.00051
%RSD	32.190	1.0265	6.5817	3.7919	.74680	.55282	5.5630	.90828	9.1190	25.402	5.2625
#1	.00155	.01168	.01253	.46507	.10550	.01012	.01408	.00963	.01396	.05408	.00927
#2	.00098	.01151	.01376	.44078	.10440	.01020	.01302	.00976	.01588	.07776	.00999
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02097**	**.01375**
Stddev	.00004	.00159
%RSD	.20692	11.571
#1	.02094	.01263
#2	.02100	.01488
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4923.1**	**74275.**	**5194.6**
Stddev	.4	103.	4.3
%RSD	.00713	.13842	.08216
#1	4923.3	74202.	5191.5
#2	4922.8	74348.	5197.6

Sample Name: 280-20398-A-4-A Acquired: 9/29/2011 23:14:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00017**	**131.52**	**.04965**	**.14076**	**1.1742**	**.00737**	**.01382**	**153.17**	**.00392**	**.07498**
Stddev	.00009	.08	.00104	.00003	.0006	.00004	.00390	.06	.00001	.00032
%RSD	56.401	.05861	2.0932	.02478	.04695	.53080	28.194	.04058	.25222	.42348
#1	.00010	131.58	.05039	.14078	1.1746	.00734	.01107	153.21	.00391	.07476
#2	.00023	131.47	.04892	.14073	1.1738	.00740	.01658	153.12	.00393	.07521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15504**	**.25678**	**138.04**	**46.787**	**.20904**	**57.092**	**7.9511**	**.00222**	**1.3902**	**.16077**
Stddev	.00015	.00113	.13	.140	.00215	.199	.0076	.00016	.0072	.00109
%RSD	.09666	.43817	.09096	.30009	1.0281	.34915	.09512	7.2518	.51914	.67776
#1	.15493	.25757	137.95	46.887	.20752	57.233	7.9565	.00211	1.3953	.16000
#2	.15514	.25598	138.13	46.688	.21056	56.951	7.9458	.00234	1.3851	.16154
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.466**	**.90801**	**5.0251**	**.00688**	**.00394**	**2.5524**	**.00838**	**.27676**	**.04753**	**1.1041**
Stddev	.050	.00273	.0176	.00128	.00134	.0435	.00073	.00025	.00019	.0053
%RSD	.34613	.30107	.35038	18.561	33.949	1.7026	8.6787	.09143	.38943	.47951
#1	14.431	.90608	5.0126	.00778	.00300	2.5217	.00890	.27694	.04766	1.1079
#2	14.502	.90994	5.0375	.00598	.00489	2.5831	.00787	.27659	.04740	1.1004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00216**	W **-.06723**	**.17665**	**.72572**	**.02653**
Stddev	.00072	.00822	.00058	.00321	.00080
%RSD	33.394	12.220	.33016	.44170	3.0148
#1	-.00267	-.06142	.17706	.72799	.02710
#2	-.00165	-.07304	.17624	.72346	.02597
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5290.9**	**76933.**	**5972.5**
Stddev	24.4	98.	9.0
%RSD	.46111	.12681	.15082
#1	5308.1	76864.	5978.9
#2	5273.6	77002.	5966.1

Sample Name: 280-20398-A-5-A Acquired: 9/29/2011 23:16:55 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00003**	**127.51**	**.05127**	**.15282**	**1.1662**	**.00704**	**.01330**	**199.55**	**.00475**	**.07181**
Stddev	.00038	.47	.00547	.00040	.0037	.00005	.00186	.65	.00002	.00068
%RSD	1223.3	.36866	10.672	.26347	.31714	.77882	14.015	.32767	.33567	.94099
#1	-.00030	127.17	.04740	.15310	1.1635	.00700	.01198	199.09	.00474	.07133
#2	.00024	127.84	.05514	.15253	1.1688	.00708	.01462	200.01	.00476	.07228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.15461**	**.35454**	**135.04**	**48.486**	**.21045**	**58.457**	**7.8983**	**.00289**	**1.6487**	**.15846**
Stddev	.00018	.00047	.24	.240	.00189	.174	.0651	.00002	.0248	.00039
%RSD	.11330	.13265	.17858	.49407	.89911	.29812	.82450	.76332	1.5036	.24857
#1	.15473	.35421	134.87	48.317	.21179	58.333	7.9443	.00291	1.6312	.15818
#2	.15449	.35487	135.22	48.656	.20911	58.580	7.8522	.00288	1.6663	.15874
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.726**	**1.5604**	**6.1942**	**.00408**	**.00508**	**3.0788**	**.01481**	**.37308**	**.04864**	**1.1056**
Stddev	.016	.0000	.0101	.00082	.00009	.0024	.00098	.00112	.00002	.0062
%RSD	.10235	.00008	.16300	19.996	1.8150	.07919	6.6324	.29992	.04802	.55965
#1	15.715	1.5604	6.2013	.00466	.00514	3.0805	.01550	.37229	.04866	1.1012
#2	15.738	1.5604	6.1870	.00350	.00501	3.0771	.01411	.37388	.04863	1.1099
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00107**	W **-.07955**	**.16995**	**.78958**	**.02658**
Stddev	.00160	.02984	.00017	.00197	.00068
%RSD	149.90	37.512	.09865	.24924	2.5415
#1	.00006	-.10065	.16983	.78819	.02610
#2	-.00220	-.05845	.17006	.79097	.02705
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5181.1**	**76206.**	**5955.5**
Stddev	2.8	184.	59.1
%RSD	.05339	.24178	.99287
#1	5179.2	76336.	5997.3
#2	5183.1	76076.	5913.7

Sample Name: 280-20398-A-6-A Acquired: 9/29/2011 23:19:36 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**102.70**	**.03782**	**.13722**	**.92349**	**.00544**	**.01419**	**311.69**	**.00586**	**.05785**
Stddev	.00096	.39	.00373	.00037	.00193	.00009	.00209	.00	.00010	.00035
%RSD	127.70	.38183	9.8547	.26937	.20932	1.6021	14.764	.00117	1.7424	.61348
#1	.00007	102.97	.04046	.13748	.92485	.00550	.01567	311.69	.00594	.05810
#2	.00143	102.42	.03519	.13696	.92212	.00538	.01271	311.69	.00579	.05760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.12470**	**.84749**	**114.30**	**41.979**	**.17771**	**49.069**	**7.0393**	**.00362**	**1.3836**	**.12622**
Stddev	.00025	.00155	.22	.087	.00114	.013	.0737	.00012	.0059	.00015
%RSD	.20264	.18247	.18891	.20678	.63996	.02556	1.0468	3.3347	.42700	.12030
#1	.12488	.84640	114.46	42.040	.17691	49.077	6.9872	.00354	1.3878	.12611
#2	.12453	.84858	114.15	41.918	.17852	49.060	7.0914	.00371	1.3795	.12633
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.987**	**9.5965**	**10.118**	**.02018**	**.00498**	**2.9603**	**.01096**	**.51372**	**.03498**	**.88542**
Stddev	.010	.0126	.017	.00354	.00196	.0468	.00096	.00157	.00094	.00115
%RSD	.06505	.13144	.17152	17.552	39.274	1.5815	8.7414	.30474	2.6966	.12938
#1	14.994	9.6055	10.106	.01768	.00360	2.9934	.01163	.51483	.03431	.88461
#2	14.980	9.5876	10.130	.02269	.00636	2.9272	.01028	.51261	.03565	.88623
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00307**	W **-.06391**	**.14103**	**.87024**	**.02427**
Stddev	.00188	.01069	.00017	.00313	.00075
%RSD	61.396	16.721	.12320	.36009	3.0863
#1	-.00174	-.05636	.14115	.87245	.02480
#2	-.00440	-.07147	.14091	.86802	.02374
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5080.8**	**75329.**	**5711.7**
Stddev	8.0	59.	2.2
%RSD	.15740	.07793	.03885
#1	5075.1	75287.	5713.2
#2	5086.4	75370.	5710.1

Sample Name: 280-20398-A-7-A Acquired: 9/29/2011 23:22:24 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00014**	**111.34**	**.04429**	**.04266**	**2.1432**	**.00592**	**.00538**	**25.862**	**.01346**	**.07026**
Stddev	.00076	.63	.00149	.00038	.0110	.00004	.00341	.139	.00020	.00009
%RSD	547.32	.56139	3.3529	.89729	.51404	.62373	63.311	.53780	1.4806	.12773
#1	-.00067	110.90	.04534	.04293	2.1354	.00590	.00297	25.764	.01332	.07033
#2	.00040	111.78	.04324	.04239	2.1510	.00595	.00779	25.961	.01360	.07020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.13670**	**.09684**	**107.12**	**25.157**	**.16793**	**23.054**	**7.7974**	**.00144**	**1.1671**	**.12762**
Stddev	.00044	.00030	.68	.109	.00150	.041	.0193	.00001	.0135	.00025
%RSD	.32401	.30641	.63282	.43259	.89519	.17869	.24697	.77451	1.1571	.19303
#1	.13638	.09705	106.64	25.080	.16900	23.083	7.8110	.00143	1.1767	.12744
#2	.13701	.09663	107.60	25.234	.16687	23.025	7.7837	.00144	1.1576	.12779
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.4034**	**.13290**	**1.7581**	**-.00121**	**.00060**	**3.4118**	**.00009**	**.15653**	**.04842**	**3.5437**
Stddev	.0143	.00019	.0044	.00168	.00272	.0880	.00039	.00101	.00030	.0100
%RSD	.19317	.14456	.24936	138.14	449.93	2.5796	440.99	.64278	.61606	.28136
#1	7.3933	.13276	1.7550	-.00240	-.00132	3.3495	-.00019	.15582	.04863	3.5508
#2	7.4136	.13303	1.7612	-.00003	.00253	3.4740	.00036	.15724	.04821	3.5367
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00064**	W **-.09138**	**.18446**	**.77632**	**.01872**
Stddev	.00116	.00753	.00044	.00145	.00029
%RSD	182.63	8.2380	.23857	.18661	1.5732
#1	-.00146	-.08605	.18477	.77735	.01893
#2	.00019	-.09670	.18415	.77530	.01851
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5153.2**	**75609.**	**5560.5**
Stddev	5.2	233.	27.5
%RSD	.10017	.30847	.49539
#1	5156.8	75444.	5579.9
#2	5149.5	75774.	5541.0

Sample Name: 280-20398-A-8-A Acquired: 9/29/2011 23:25:13 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**150.45**	**.04659**	**.04580**	**1.0736**	**.00795**	**.00852**	**73.522**	**.00766**	**.06471**
Stddev	.00005	.21	.00468	.00086	.0015	.00005	.00164	.109	.00000	.00020
%RSD	23.113	.14075	10.041	1.8746	.14329	.67443	19.286	.14761	.04278	.30617
#1	-.00025	150.60	.04328	.04520	1.0747	.00791	.00735	73.599	.00766	.06457
#2	-.00018	150.30	.04990	.04641	1.0725	.00799	.00968	73.446	.00766	.06485
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.21931**	**.11760**	**114.04**	**25.752**	**.19764**	**27.800**	**3.6580**	**.00004**	**1.1491**	**.12083**
Stddev	.00029	.00040	.25	.091	.00045	.126	.0046	.00015	.0080	.00001
%RSD	.13231	.33858	.21704	.35475	.22895	.45316	.12711	399.21	.69785	.00717
#1	.21910	.11732	114.22	25.816	.19796	27.711	3.6547	.00014	1.1548	.12083
#2	.21951	.11788	113.86	25.687	.19732	27.889	3.6613	-.00007	1.1434	.12084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.7119**	**.13350**	**2.7760**	**-.00286**	**.00253**	**3.0673**	**.00322**	**.13444**	**.06913**	**2.9656**
Stddev	.0083	.00081	.0176	.00189	.00525	.0347	.00098	.00039	.00013	.0137
%RSD	.14572	.60316	.63580	66.056	207.45	1.1307	30.514	.29250	.19151	.46016
#1	5.7178	.13407	2.7885	-.00420	-.00118	3.0919	.00391	.13471	.06923	2.9559
#2	5.7060	.13293	2.7635	-.00152	.00624	3.0428	.00252	.13416	.06904	2.9752
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00172**	F **-.12263**	**.22040**	**.73398**	**.10585**
Stddev	.00027	.00616	.00108	.00338	.00044
%RSD	15.500	5.0265	.48936	.46091	.41623
#1	-.00190	-.12699	.21964	.73159	.10617
#2	-.00153	-.11827	.22117	.73637	.10554
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5473.2**	**80049.**	**6092.6**
Stddev	17.1	219.	11.8
%RSD	.31172	.27390	.19351
#1	5485.3	80204.	6100.9
#2	5461.1	79894.	6084.3

Sample Name: 280-20398-A-9-A Acquired: 9/29/2011 23:27:56 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00045**	**127.08**	**.05105**	**.04335**	**1.2073**	**.00684**	**.00611**	**40.369**	**.00631**	**.06560**
Stddev	.00042	.43	.00170	.00071	.0047	.00011	.00168	.174	.00006	.00012
%RSD	92.508	.33925	3.3253	1.6284	.38955	1.6233	27.450	.43034	.89943	.17658
#1	.00016	126.78	.05225	.04385	1.2040	.00676	.00730	40.246	.00627	.06568
#2	.00075	127.39	.04985	.04285	1.2106	.00692	.00493	40.492	.00635	.06551
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.18002**	**.10104**	**115.81**	**28.176**	**.15371**	**26.659**	**5.2145**	**.00089**	**1.1110**	**.10696**
Stddev	.00006	.00048	.46	.086	.00001	.083	.0161	.00017	.0055	.00019
%RSD	.03426	.47012	.39993	.30460	.00938	.31075	.30920	19.004	.49699	.18006
#1	.17998	.10138	115.48	28.115	.15372	26.718	5.2031	.00077	1.1149	.10682
#2	.18006	.10071	116.14	28.237	.15370	26.601	5.2259	.00101	1.1071	.10709
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.7236**	**.14541**	**2.6887**	**-.00173**	**.00226**	**2.8862**	**.00170**	**.13695**	**.06091**	**2.9624**
Stddev	.0105	.00155	.0068	.00106	.00151	.0376	.00002	.00062	.00017	.0079
%RSD	.15608	1.0683	.25385	61.137	66.484	1.3014	1.2017	.45337	.27163	.26808
#1	6.7162	.14650	2.6838	-.00248	.00333	2.8597	.00171	.13651	.06080	2.9680
#2	6.7310	.14431	2.6935	-.00098	.00120	2.9128	.00169	.13739	.06103	2.9568
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00236**	F **-.12234**	**.23167**	**.60368**	**.05313**
Stddev	.00097	.01268	.00047	.00336	.00058
%RSD	41.304	10.365	.20382	.55639	1.0985
#1	-.00304	-.13131	.23200	.60605	.05355
#2	-.00167	-.11338	.23133	.60130	.05272
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5318.5**	**79136.**	**5828.2**
Stddev	21.2	440.	1.8
%RSD	.39945	.55544	.03036
#1	5333.6	78825.	5826.9
#2	5303.5	79447.	5829.4

Sample Name: 280-20398-A-10-A Acquired: 9/29/2011 23:30:38 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00021**	**150.43**	**.04328**	**.05139**	**1.0500**	**.00782**	**.00829**	**58.589**	**.00823**	**.06097**
Stddev	.00019	.05	.00049	.00088	.0000	.00008	.00241	.005	.00023	.00017
%RSD	89.494	.03470	1.1314	1.7126	.00151	1.0357	29.004	.00814	2.7687	.27308
#1	-.00008	150.47	.04363	.05201	1.0499	.00787	.00659	58.586	.00840	.06086
#2	-.00034	150.39	.04294	.05077	1.0500	.00776	.00999	58.592	.00807	.06109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.22526**	**.12122**	**112.35**	**28.767**	**.20034**	**27.829**	**3.4933**	**.00009**	**1.2452**	**.11942**
Stddev	.00057	.00088	.18	.025	.00290	.122	.0459	.00027	.0100	.00034
%RSD	.25278	.72232	.15995	.08770	1.4491	.43814	1.3130	301.13	.80328	.28668
#1	.22486	.12184	112.48	28.749	.20239	27.915	3.5258	-.00010	1.2381	.11918
#2	.22567	.12060	112.22	28.785	.19829	27.743	3.4609	.00028	1.2523	.11967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.6282**	**.14057**	**3.5755**	**-.00370**	**-.00132**	**2.6555**	**.00329**	**.13408**	**.06482**	**2.8946**
Stddev	.0055	.00060	.0060	.00226	.00353	.0120	.00069	.00006	.00174	.0053
%RSD	.08280	.42577	.16855	61.043	267.61	.45234	21.126	.04824	2.6828	.18221
#1	6.6321	.14014	3.5797	-.00210	-.00381	2.6640	.00280	.13413	.06359	2.8983
#2	6.6243	.14099	3.5712	-.00529	.00118	2.6470	.00378	.13404	.06605	2.8909
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00132**	F **-.11611**	**.21090**	**.75526**	**.08288**
Stddev	.00057	.00264	.00118	.00244	.00015
%RSD	43.176	2.2702	.55993	.32356	.18503
#1	-.00092	-.11798	.21174	.75699	.08299
#2	-.00172	-.11425	.21007	.75354	.08277
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5434.5**	**79771.**	**5931.0**
Stddev	13.4	325.	42.8
%RSD	.24602	.40689	.72124
#1	5443.9	79541.	5900.8
#2	5425.0	80000.	5961.3

Sample Name: 280-20398-A-11-A Acquired: 9/29/2011 23:33:22 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00038**	**112.20**	**.05122**	**.03541**	**.80194**	**.00631**	**.00316**	**55.563**	**.00643**	**.05214**
Stddev	.00006	.25	.00370	.00064	.00122	.00001	.00244	.130	.00005	.00019
%RSD	15.038	.21840	7.2158	1.8178	.15234	.17146	77.011	.23445	.80717	.37002
#1	.00042	112.02	.04860	.03495	.80108	.00632	.00144	55.471	.00646	.05201
#2	.00034	112.37	.05383	.03586	.80280	.00630	.00489	55.655	.00639	.05228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.16424**	**.08776**	**97.493**	**20.054**	**.14958**	**20.221**	**3.7749**	**.00007**	**1.2471**	**.09596**
Stddev	.00002	.00054	.009	.060	.00043	.005	.0100	.00065	.0021	.00006
%RSD	.01297	.62094	.00893	.29767	.29053	.02601	.26437	903.18	.16830	.06275
#1	.16426	.08815	97.487	20.012	.14928	20.225	3.7820	.00053	1.2486	.09600
#2	.16423	.08738	97.499	20.096	.14989	20.217	3.7679	-.00039	1.2457	.09592
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.4858**	**.10535**	**1.9536**	**-.00321**	**.00194**	**2.8968**	**.00265**	**.10133**	**.05444**	**2.4596**
Stddev	.0032	.00163	.0033	.00357	.00175	.0216	.00014	.00001	.00277	.0041
%RSD	.07143	1.5514	.17043	111.30	90.354	.74460	5.2143	.00677	5.0973	.16516
#1	4.4835	.10650	1.9512	-.00068	.00070	2.9121	.00255	.10134	.05247	2.4567
#2	4.4881	.10419	1.9559	-.00574	.00317	2.8816	.00275	.10133	.05640	2.4625
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00089**	F **-.10062**	**.19651**	**.56281**	**.08293**
Stddev	.00132	.00840	.00005	.00115	.00131
%RSD	148.94	8.3440	.02421	.20376	1.5791
#1	-.00182	-.09468	.19655	.56362	.08386
#2	.00005	-.10656	.19648	.56200	.08200
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5291.4**	**77231.**	**5758.0**
Stddev	1.2	110.	18.0
%RSD	.02186	.14185	.31336
#1	5290.6	77153.	5770.7
#2	5292.3	77308.	5745.2

Sample Name: 280-20398-A-12-A Acquired: 9/29/2011 23:36:06 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00005**	**111.71**	**.03898**	**.03654**	**.79953**	**.00580**	**.00032**	**86.832**	**.00643**	**.04822**
Stddev	.00009	.17	.00015	.00015	.00067	.00001	.00126	.038	.00016	.00041
%RSD	177.49	.15617	.39110	.41625	.08361	.25707	396.05	.04323	2.4629	.85121
#1	-.00001	111.58	.03909	.03643	.79905	.00581	.00121	86.806	.00632	.04793
#2	.00012	111.83	.03887	.03664	.80000	.00579	-.00057	86.859	.00654	.04851
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.16709**	**.08961**	**85.568**	**20.093**	**.14796**	**20.599**	**3.4018**	**-.00011**	**1.0282**	**.09439**
Stddev	.00032	.00055	.008	.000	.00117	.032	.0036	.00018	.0006	.00012
%RSD	.19255	.61650	.00974	.00171	.78892	.15342	.10570	162.08	.05771	.12904
#1	.16686	.09000	85.562	20.092	.14713	20.621	3.3993	-.00024	1.0278	.09447
#2	.16732	.08922	85.574	20.093	.14878	20.577	3.4044	.00002	1.0287	.09430
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.3280**	**.10153**	**2.2658**	**-.00172**	**.00068**	**2.4451**	**.00217**	**.11210**	**.05236**	**2.4641**
Stddev	.0009	.00227	.0065	.00144	.00386	.0397	.00037	.00001	.00007	.0074
%RSD	.02074	2.2310	.28668	83.678	569.99	1.6239	16.965	.01141	.12870	.30075
#1	4.3287	.10314	2.2704	-.00070	-.00205	2.4171	.00191	.11210	.05240	2.4694
#2	4.3274	.09993	2.2612	-.00273	.00341	2.4732	.00243	.11211	.05231	2.4589
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00203**	F **-.11074**	**.17186**	**.56277**	**.07508**
Stddev	.00096	.00149	.00035	.00077	.00195
%RSD	47.161	1.3412	.20608	.13606	2.5955
#1	-.00270	-.11179	.17211	.56331	.07370
#2	-.00135	-.10969	.17161	.56223	.07646
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5295.5**	**77844.**	**5886.7**
Stddev	19.8	79.	23.6
%RSD	.37394	.10181	.40081
#1	5309.5	77788.	5870.0
#2	5281.5	77900.	5903.3

Sample Name: CCVH-1018440 Acquired: 9/29/2011 23:38:50 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01764**	**45.989**	**-.00192**	**.00066**	**.00126**	**-.00019**	**1.0593**	**-.00846**	**-.00118**	**.00229**	**-.00021**	**.00038**
Stddev	.00028	.116	.00057	.00004	.00027	.00000	.0042	.00106	.00009	.00033	.00013	.00019
%RSD	1.5797	.25293	29.632	5.4707	21.627	2.3432	.39704	12.537	7.9150	14.305	64.032	51.054
#1	-.01784	46.071	-.00151	.00069	.00107	-.00020	1.0623	-.00921	-.00125	.00205	-.00011	.00052
#2	-.01745	45.906	-.00232	.00063	.00145	-.00019	1.0563	-.00771	-.00111	.00252	-.00030	.00024
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.366**	**.19132**	**.00136**	**-.03474**	**-.00018**	**-.00198**	F **287.98**	**.00114**	**.00484**	**-.00005**	**4.9910**	**-.00872**
Stddev	.131	.00780	.00046	.00279	.00004	.00024	1.41	.00000	.00074	.00038	.0042	.00149
%RSD	.34017	4.0765	33.944	8.0356	22.703	12.162	.48795	.23524	15.345	835.63	.08353	17.052
#1	38.458	.19683	.00169	-.03671	-.00015	-.00181	288.98	.00114	.00432	-.00031	4.9880	-.00766
#2	38.274	.18580	.00103	-.03277	-.00021	-.00215	286.99	.00113	.00537	.00022	4.9939	-.00977
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00381**	**.01619**	**.00180**	**.00029**	**4.9571**	**-.00662**	**.00220**	**10.157**	**.00215**	**.00281**	**-.19809**
Stddev	.00143	.01463	.00137	.00003	.0254	.00016	.00128	.063	.00028	.00033	.00167
%RSD	37.541	90.360	76.360	10.233	.51252	2.4459	58.254	.62156	13.048	11.613	.84198
#1	.00482	.02654	.00277	.00031	4.9391	-.00651	.00129	10.112	.00195	.00258	-.19691
#2	.00280	.00585	.00083	.00027	4.9750	-.00674	.00310	10.202	.00235	.00304	-.19926
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4721.6**	**69343.**	**5019.0**
Stddev	7.3	184.	7.2
%RSD	.15472	.26596	.14442
#1	4726.7	69474.	5024.2
#2	4716.4	69213.	5013.9

Sample Name: CCV-1012098 Acquired: 9/29/2011 23:41:31 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50423**	**.51443**	**.99105**	**.50314**	**.53482**	**.46565**	**-.00337**	**4.6493**	**.50829**	**.51383**	**.51156**	**.51792**
Stddev	.00072	.00103	.00461	.00042	.00199	.00238	.00341	.0175	.00082	.00052	.00106	.00007
%RSD	.14228	.19964	.46490	.08330	.37232	.51211	101.00	.37578	.16107	.10036	.20672	.01367
#1	.50474	.51515	.99430	.50285	.53623	.46734	-.00096	4.6616	.50771	.51347	.51081	.51797
#2	.50372	.51370	.98779	.50344	.53342	.46397	-.00578	4.6369	.50887	.51420	.51231	.51787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9530**	F **56.741**	F **1.1664**	**20.248**	**.51480**	**.50384**	F **5.6150**	**.52464**	**1.0060**	**1.0151**	**.00056**	**1.0038**
Stddev	.0158	.263	.0080	.010	.00022	.00095	.0205	.00034	.0018	.0026	.00147	.0013
%RSD	.80836	.46405	.68296	.05072	.04186	.18932	.36605	.06475	.17362	.25485	261.75	.13265
#1	1.9642	56.927	1.1720	20.241	.51465	.50451	5.6295	.52440	1.0047	1.0170	.00160	1.0047
#2	1.9419	56.555	1.1607	20.255	.51495	.50317	5.6004	.52488	1.0072	1.0133	-.00048	1.0028
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000	50.000	1.0000				5.0000					
Range	-10.000%	10.000%	10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98299**	**4.5366**	**1.0496**	**.52157**	**-.00133**	**.49593**	**1.0303**	**.00186**	**.50859**	**.50094**	**.48079**
Stddev	.00121	.0418	.0020	.00280	.00080	.00038	.0021	.00385	.00144	.00136	.00084
%RSD	.12303	.92243	.19390	.53723	60.443	.07732	.20698	206.93	.28264	.27197	.17489
#1	.98384	4.5662	1.0481	.52355	-.00189	.49620	1.0288	.00458	.50758	.50191	.48138
#2	.98213	4.5071	1.0510	.51959	-.00076	.49566	1.0318	-.00086	.50961	.49998	.48020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4819.7**	**71481.**	**5053.7**
Stddev	10.2	17.	4.8
%RSD	.21091	.02384	.09502
#1	4812.6	71469.	5050.3
#2	4826.9	71493.	5057.1

Sample Name: CCB Acquired: 9/29/2011 23:44:02 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00040**	**.00173**	**-.00062**	**.00025**	W **.00093**	**.00001**	**-.00503**	**-.00738**	**.00023**	**.00009**	**-.00013**
Stddev	.00022	.00040	.00094	.00002	.00007	.00001	.00028	.00566	.00019	.00010	.00043
%RSD	55.153	23.307	150.97	7.7649	7.2558	167.54	5.5178	76.729	82.024	114.99	327.04
#1	.00056	.00145	-.00129	.00024	.00098	.00001	-.00484	-.01139	.00010	.00002	-.00043
#2	.00025	.00202	.00004	.00026	.00088	.00000	-.00523	-.00338	.00036	.00017	.00017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					.00058						
Low Limit					-.00058						

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**-.00201**	**.07165**	**.00034**	**-.00121**	**-.00011**	**.00266**	F **.10149**	**.00056**	**.00037**	**-.00054**
Stddev	.00013	.00022	.04161	.00025	.00063	.00002	.00088	.01150	.00003	.00038	.00045
%RSD	56.337	10.896	58.069	72.475	52.086	14.738	33.141	11.332	5.3216	102.27	83.114
#1	-.00014	-.00186	.10108	.00017	-.00166	-.00013	.00203	.09336	.00054	.00010	-.00022
#2	-.00032	-.00217	.04223	.00052	-.00076	-.00010	.00328	.10963	.00059	.00064	-.00086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit								.10000			
Low Limit								-.10000			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00260**	F **.00974**	**.00442**	**-.01375**	**.00103**	**-.00011**	**.00040**	**-.00015**	**-.00097**	**.00750**	**.00012**
Stddev	.00338	.00191	.00370	.00196	.00059	.00013	.00028	.00012	.00099	.01586	.00007
%RSD	129.74	19.633	83.692	14.249	57.886	115.80	69.369	80.200	102.15	211.57	62.311
#1	.00499	.00839	.00180	-.01236	.00061	-.00020	.00060	-.00023	-.00167	-.00372	.00007
#2	.00021	.01109	.00703	-.01513	.00145	-.00002	.00021	-.00006	-.00027	.01871	.00017
Check ?	None	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.00628									
Low Limit		-.00628									

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.00172**	**-.00178**
Stddev	.00009	.00121
%RSD	5.2436	67.728
#1	.00165	-.00093
#2	.00178	-.00263
Check ?	Chk Pass	Chk Pass
High Limit		
Low Limit		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4814.7**	**71720.**	**4924.5**
Stddev	29.0	146.	15.6
%RSD	.60228	.20355	.31609
#1	4835.2	71616.	4913.5
#2	4794.2	71823.	4935.5

Sample Name: CCVL1018383 Acquired: 9/29/2011 23:46:51 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00949**	**.10252**	**.01336**	**.09707**	**.01129**	**.00083**	**.10972**	**.18046**	**.00507**	**.01047**	**.01003**
Stddev	.00002	.00066	.00167	.00022	.00009	.00013	.00111	.00378	.00008	.00002	.00007
%RSD	.24435	.64393	12.516	.22600	.79332	15.570	1.0146	2.0973	1.5580	.20586	.71579
#1	.00947	.10206	.01218	.09723	.01122	.00074	.10893	.18313	.00502	.01048	.00998
#2	.00950	.10299	.01454	.09692	.01135	.00092	.11050	.17778	.00513	.01045	.01008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01513**	W **.07621**	**3.4877**	F **.01510**	**.20127**	**.01053**	**.01950**	**1.1989**	**.04251**	**2.8782**	**.00869**
Stddev	.00012	.00038	.0130	.00200	.00162	.00004	.00002	.0111	.00017	.0083	.00026
%RSD	.79504	.49319	.37298	13.243	.80445	.41476	.09944	.92294	.41138	.28980	2.9902
#1	.01521	.07595	3.4969	.01652	.20242	.01056	.01948	1.2067	.04239	2.8841	.00850
#2	.01504	.07648	3.4785	.01369	.20013	.01050	.01951	1.1911	.04264	2.8723	.00887
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000							
Range		-20.000%		30.000%							

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00180**	**.01077**	W **.01126**	**.44587**	**.10558**	**.01032**	**.01710**	**.00965**	**.01482**	W **.04722**	**.01000**
Stddev	.00208	.00087	.00061	.01552	.00021	.00012	.00029	.00014	.00059	.00148	.00054
%RSD	115.72	8.0314	5.3966	3.4806	.20191	1.1722	1.6735	1.4430	3.9829	3.1408	5.4156
#1	.00033	.01016	.01168	.43490	.10543	.01041	.01690	.00975	.01524	.04617	.01038
#2	.00327	.01138	.01083	.45684	.10573	.01023	.01731	.00955	.01440	.04826	.00961
Check ?	None	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value			.01500							.06000	
Range			-20.000%							-20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02179**	**.01309**
Stddev	.00057	.00184
%RSD	2.6097	14.033
#1	.02219	.01179
#2	.02139	.01438
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4834.4**	**72825.**	**4977.6**
Stddev	14.2	112.	21.9
%RSD	.29455	.15384	.43947
#1	4844.5	72746.	4962.1
#2	4824.3	72904.	4993.0

Sample Name: 280-20398-A-13-A Acquired: 9/29/2011 23:49:37 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00012**	**112.89**	**.05006**	**.04630**	**1.5890**	**.00625**	**.00441**	**26.910**	**.00941**	**.07925**
Stddev	.00032	.01	.00115	.00027	.0028	.00004	.00103	.011	.00006	.00023
%RSD	258.76	.01318	2.2888	.57305	.17353	.68466	23.472	.04264	.63539	.28774
#1	-.00010	112.90	.04925	.04612	1.5910	.00628	.00514	26.918	.00946	.07942
#2	.00035	112.88	.05087	.04649	1.5871	.00622	.00368	26.902	.00937	.07909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.14246**	**.08461**	**110.24**	**26.086**	**.17026**	**25.866**	**8.6656**	**.00219**	**1.0656**	**.11871**
Stddev	.00028	.00006	.30	.073	.00030	.036	.0248	.00003	.0001	.00065
%RSD	.19362	.07473	.27001	.28075	.17803	.14072	.28583	1.2110	.01426	.54807
#1	.14227	.08466	110.03	26.034	.17047	25.840	8.6481	.00221	1.0657	.11825
#2	.14266	.08457	110.45	26.138	.17004	25.891	8.6831	.00217	1.0655	.11917
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.1122**	**.14255**	**2.0118**	**-.00084**	**.00293**	**2.7046**	**-.00048**	**.14342**	**.04794**	**3.4276**
Stddev	.0125	.00031	.0034	.00020	.00318	.0731	.00057	.00034	.00198	.0022
%RSD	.17616	.21950	.17030	24.362	108.80	2.7015	119.24	.23803	4.1316	.06378
#1	7.1211	.14233	2.0094	-.00098	.00518	2.7563	-.00008	.14366	.04654	3.4292
#2	7.1033	.14277	2.0142	-.00069	.00067	2.6530	-.00089	.14318	.04934	3.4261
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00186**	W **-.07889**	**.20858**	**.66182**	**.02108**
Stddev	.00115	.01149	.00060	.00192	.00212
%RSD	61.995	14.558	.28682	.29011	10.049
#1	-.00267	-.07077	.20816	.66046	.02257
#2	-.00104	-.08701	.20900	.66318	.01958
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5065.2**	**74470.**	**5472.8**
Stddev	8.0	314.	8.6
%RSD	.15717	.42139	.15742
#1	5059.6	74691.	5478.9
#2	5070.8	74248.	5466.7

Sample Name: 280-20398-A-14-A Acquired: 9/29/2011 23:52:21 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**142.57**	**.06030**	**.03889**	**1.4719**	**.00783**	**.00798**	**30.502**	**.00939**	**.08721**
Stddev	.00043	.30	.00095	.00053	.0006	.00002	.00292	.074	.00023	.00019
%RSD	744.16	.21340	1.5821	1.3559	.04018	.25510	36.553	.24115	2.4644	.22294
#1	.00036	142.36	.06098	.03852	1.4714	.00781	.01004	30.450	.00922	.08735
#2	-.00025	142.79	.05963	.03927	1.4723	.00784	.00591	30.554	.00955	.08707
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.18686**	**.11193**	**121.24**	**26.235**	**.18622**	**25.680**	**9.2910**	**.00095**	**1.0874**	**.13977**
Stddev	.00040	.00001	.37	.037	.00140	.041	.1315	.00011	.0065	.00041
%RSD	.21547	.01246	.30601	.14159	.75008	.15880	1.4158	11.379	.59550	.29091
#1	.18715	.11192	120.97	26.262	.18524	25.709	9.3840	.00088	1.0920	.14005
#2	.18658	.11194	121.50	26.209	.18721	25.651	9.1979	.00103	1.0828	.13948
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.5769**	**.15529**	**1.5476**	**-.00433**	**.00351**	**3.0556**	**.00256**	**.12519**	**.07286**	**3.0988**
Stddev	.0039	.00135	.0039	.00057	.00147	.0826	.00037	.00046	.00055	.0080
%RSD	.07048	.86703	.25327	13.207	41.940	2.7030	14.506	.36717	.75439	.25803
#1	5.5797	.15624	1.5503	-.00473	.00455	2.9972	.00282	.12486	.07325	3.1044
#2	5.5742	.15434	1.5448	-.00392	.00247	3.1140	.00230	.12551	.07248	3.0931
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	F **-.11165**	**.21780**	**.67079**	**.09367**
Stddev	.00047	.00312	.00054	.00073	.00232
%RSD	44.215	2.7948	.24887	.10824	2.4819
#1	.00140	-.11386	.21818	.67131	.09531
#2	.00073	-.10944	.21741	.67028	.09202
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		50.000			
Low Limit		-.10000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**5468.3**	**79661.**	**5957.9**
Stddev	1.9	211.	20.1
%RSD	.03503	.26441	.33681
#1	5469.6	79512.	5943.7
#2	5466.9	79810.	5972.1

Sample Name: 280-20398-A-16-A Acquired: 9/29/2011 23:55:04 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**32.918**	**.08320**	**.05981**	**1.3476**	**.00397**	**.01132**	**208.87**	**.00302**	**.03447**
Stddev	.00006	.041	.00264	.00032	.0004	.00000	.00028	.20	.00006	.00024
%RSD	22.186	.12578	3.1755	.53456	.02656	.07229	2.4916	.09579	1.8763	.68487
#1	.00030	32.889	.08133	.05959	1.3473	.00397	.01112	208.72	.00306	.03430
#2	.00022	32.947	.08507	.06004	1.3478	.00397	.01152	209.01	.00298	.03463
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07425**	**.07458**	**130.55**	**13.244**	**.05491**	**56.600**	**2.4486**	**.00457**	**2.8831**	**.09455**
Stddev	.00022	.00038	.21	.019	.00068	.211	.0074	.00008	.0176	.00061
%RSD	.29634	.50552	.16023	.14656	1.2364	.37239	.30257	1.8355	.60936	.64675
#1	.07410	.07432	130.70	13.230	.05443	56.451	2.4434	.00451	2.8956	.09498
#2	.07441	.07485	130.40	13.258	.05539	56.749	2.4538	.00463	2.8707	.09412
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.1003**	**.14253**	**3.0495**	**-.00012**	**.00181**	**2.8426**	**.00451**	**.62517**	**.05433**	**.56477**
Stddev	.0097	.00372	.0052	.00217	.00267	.0076	.00040	.00142	.00215	.00040
%RSD	.18940	2.6084	.17010	1744.5	147.60	.26801	8.8594	.22671	3.9662	.07078
#1	5.0935	.13990	3.0459	.00141	-.00008	2.8372	.00479	.62417	.05280	.56506
#2	5.1072	.14515	3.0532	-.00166	.00369	2.8480	.00423	.62617	.05585	.56449
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00062**	**.00403**	**.13325**	**.54968**	**.05248**
Stddev	.00229	.00657	.00112	.00155	.00111
%RSD	366.71	162.93	.84261	.28283	2.1212
#1	.00099	.00867	.13246	.54858	.05327
#2	-.00224	-.00061	.13405	.55078	.05170
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4995.3**	**73901.**	**5470.2**
Stddev	7.2	424.	3.9
%RSD	.14399	.57355	.07134
#1	4990.2	74200.	5472.9
#2	5000.4	73601.	5467.4

Sample Name: 280-20398-A-18-A Acquired: 9/29/2011 23:57:42 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00027**	**31.123**	**.06101**	**.06052**	**1.4787**	**.00352**	**.01086**	**267.92**	**.00314**	**.04574**
Stddev	.00005	.055	.00088	.00003	.0020	.00002	.00358	4.61	.00013	.00032
%RSD	19.247	.17580	1.4403	.05001	.13239	.47238	32.968	1.7190	4.1714	.69624
#1	.00024	31.084	.06163	.06050	1.4773	.00353	.01339	271.18	.00304	.04597
#2	.00031	31.161	.06039	.06054	1.4801	.00351	.00833	264.66	.00323	.04552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07507**	**.09160**	**109.39**	**13.822**	**.05263**	**64.242**	**2.8282**	**.00427**	**3.5170**	**.08999**
Stddev	.00012	.00012	.05	.010	.00349	.158	.0066	.00018	.0018	.00003
%RSD	.15457	.12794	.04408	.07148	6.6256	.24670	.23365	4.1984	.05166	.03419
#1	.07499	.09152	109.35	13.815	.05016	64.130	2.8235	.00414	3.5157	.08997
#2	.07515	.09169	109.42	13.829	.05509	64.354	2.8329	.00440	3.5183	.09001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.9805**	**.32792**	**2.9769**	**-.00004**	**.00200**	**3.1542**	**.00602**	**.63514**	**.04620**	**.57230**
Stddev	.0072	.00044	.0011	.00260	.00008	.0067	.00007	.00145	.00123	.00013
%RSD	.14374	.13387	.03605	6100.7	4.1570	.21290	1.1028	.22759	2.6714	.02326
#1	4.9754	.32761	2.9762	.00180	.00206	3.1590	.00607	.63412	.04533	.57239
#2	4.9855	.32823	2.9777	-.00188	.00194	3.1495	.00597	.63617	.04707	.57220
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00095**	**-.04083**	**.13148**	**1.0647**	**.04030**
Stddev	.00017	.00866	.00044	.0038	.00060
%RSD	17.704	21.203	.33573	.35309	1.4868
#1	-.00107	-.03471	.13179	1.0621	.03987
#2	-.00083	-.04696	.13116	1.0674	.04072
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4932.5**	**73243.**	**5420.9**
Stddev	.5	239.	23.6
%RSD	.01067	.32607	.43569
#1	4932.2	73412.	5404.2
#2	4932.9	73074.	5437.6

Sample Name: 280-20398-A-19-A Acquired: 9/30/2011 0:00:29 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: DoD v4.1 Custom ID2: Custom ID3:
Comment: 86620 6010C

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	309.271 {109}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00056**	**34.537**	**.07173**	**.06152**	**1.4016**	**.00344**	**.00526**	**187.14**	**.00293**	**.03282**
Stddev	.00058	.152	.00270	.00005	.0045	.00000	.00017	.50	.00017	.00000
%RSD	102.94	.44152	3.7621	.08638	.32031	.13644	3.2396	.26645	5.6820	.00656
#1	.00097	34.645	.07364	.06148	1.4048	.00343	.00538	187.49	.00281	.03282
#2	.00015	34.430	.06983	.06155	1.3985	.00344	.00514	186.79	.00305	.03282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2714	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	271.441 {124}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.07807**	**.10138**	**98.166**	**15.341**	**.05902**	**53.045**	**2.9965**	**.00598**	**3.8318**	**.08861**
Stddev	.00001	.00020	.177	.010	.00146	.099	.0060	.00032	.0151	.00017
%RSD	.01474	.19519	.18019	.06654	2.4728	.18723	.20019	5.3434	.39517	.18644
#1	.07806	.10124	98.291	15.334	.05799	52.975	2.9922	.00621	3.8426	.08872
#2	.07807	.10152	98.040	15.348	.06005	53.116	3.0007	.00576	3.8211	.08849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.8729**	**.29623**	**3.4793**	**.00151**	**.00220**	**3.4172**	**.00736**	**.58742**	**.04742**	**.67955**
Stddev	.0037	.00047	.0054	.00120	.00216	.0457	.00045	.00134	.00047	.00700
%RSD	.07527	.15991	.15501	79.691	98.424	1.3373	6.1837	.22819	.99914	1.0304
#1	4.8755	.29656	3.4755	.00066	.00067	3.4495	.00768	.58836	.04708	.67460
#2	4.8703	.29589	3.4831	.00236	.00373	3.3849	.00703	.58647	.04775	.68451
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00065**	W **-.05653**	**.13111**	**1.4881**	**.04763**
Stddev	.00046	.00805	.00006	.0050	.00040
%RSD	69.719	14.239	.04781	.33401	.84913
#1	.00098	-.06222	.13106	1.4846	.04735
#2	.00033	-.05084	.13115	1.4916	.04792
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
High Limit		45.000			
Low Limit		-.05000			

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4964.5**	**73320.**	**5455.5**
Stddev	7.3	99.	.1
%RSD	.14624	.13525	.00097
#1	4969.6	73390.	5455.5
#2	4959.3	73250.	5455.5

Sample Name: Pb 200 Acquired: 9/30/2011 0:03:08 Type: Unk
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286
Line	328.068 {103}	167.079 {502}	189.042 {478}	208.959 {461}	455.403 { 74}	313.042 {108}	223.061 {451}	317.933 {106}	228.802 {447}	228.616 {447}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00043**	**.00982**	**-.00405**	**-.00139**	**.00070**	**-.00002**	**-.00289**	**.00528**	**-.00005**	**.00026**
Stddev	.00031	.00251	.00152	.00011	.00003	.00002	.00158	.00053	.00012	.00007
%RSD	73.451	25.593	37.411	7.7517	4.9178	96.707	54.553	10.132	251.04	25.873
#1	.00065	.00805	-.00298	-.00131	.00072	-.00001	-.00178	.00565	-.00014	.00031
#2	.00021	.01160	-.00513	-.00146	.00067	-.00004	-.00400	.00490	.00004	.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	Cr2055	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316
Line	205.552 {464}	324.754 {104}	259.940 {130}	766.490 { 44}	670.784 { 50}	279.079 {121}2	257.610 {131}	202.030 {467}	589.592 { 57}	231.604 {446}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00041**	**-.00025**	**.00444**	**.00263**	**-.00149**	**-.00011**	**.00027**	**-.00050**	**.07594**	**-.00006**
Stddev	.00015	.00002	.00409	.06412	.00004	.00013	.00004	.00009	.00895	.00033
%RSD	36.330	7.3673	92.190	2436.9	2.8292	113.74	16.058	18.192	11.781	544.87
#1	-.00031	-.00026	.00733	.04797	-.00152	-.00002	.00030	-.00043	.08227	.00017
#2	-.00052	-.00024	.00154	-.04271	-.00146	-.00020	.00024	-.00056	.06962	-.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit										
Low Limit										

Elem	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349
Line	178.284 {489}	220.353 {453}	182.034 {485}	206.833 {463}	196.090 {472}	288.158 {117}	189.989 {477}	407.771 { 83}	283.730 {119}	334.904 {101}
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00131**	F **212.07**	**.00748**	**.00173**	**-.00175**	**.00691**	**.00058**	**-.00006**	**.00156**	**.00014**
Stddev	.00052	.16	.00187	.00127	.00406	.00339	.00017	.00007	.00114	.00001
%RSD	39.764	.07364	24.951	73.467	231.75	49.006	29.122	116.10	72.882	6.0178
#1	.00167	212.18	.00616	.00262	.00112	.00452	.00070	-.00001	.00236	.00013
#2	.00094	211.96	.00880	.00083	-.00463	.00931	.00046	-.00011	.00076	.00014
Check ?	Chk Pass	Chk Fail	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		200.00								
Low Limit		-.00900								

Elem	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Line	190.856 {477}	370.152 { 91}	292.402 {115}	206.200 {163}	339.198 { 99}
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**.02158**	**.00015**	**.00161**	**-.00017**
Stddev	.00119	.00853	.00012	.00034	.00121
%RSD	593.91	39.548	80.053	21.335	730.92
#1	-.00104	.02761	.00006	.00185	-.00102
#2	.00064	.01554	.00023	.00137	.00069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Int. Std.	Y_2243	Y_3600	Y_3774
Line	224.306 {450}	360.073 { 94}	377.433 { 89}
Units	Cts/S	Cts/S	Cts/S
Avg	**4917.5**	**74470.**	**5054.7**
Stddev	.3	57.	3.5
%RSD	.00687	.07684	.06914
#1	4917.7	74510.	5057.2
#2	4917.2	74429.	5052.2

Sample Name: CCVH-1018440 Acquired: 9/30/2011 0:05:55 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al3092	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.01787**	**46.032**	**.00030**	**.00034**	**.00120**	**-.00014**	**1.0655**	**-.01347**	**-.00134**	**.00215**	**-.00025**	**.00030**
Stddev	.00015	.188	.00010	.00027	.00007	.00003	.0024	.00191	.00003	.00016	.00007	.00035
%RSD	.83757	.40941	34.124	78.649	5.7125	18.147	.22671	14.213	2.1039	7.6629	27.856	118.45
#1	-.01776	46.165	.00038	.00015	.00125	-.00012	1.0638	-.01211	-.00136	.00227	-.00020	.00055
#2	-.01797	45.898	.00023	.00053	.00115	-.00016	1.0672	-.01482	-.00132	.00203	-.00030	.00005
Check ?	None	Chk Pass	None	None	None	None	Chk Pass	None	None	None	None	None
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na8183	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **38.554**	**.06188**	**.00131**	**-.03393**	**-.00032**	**-.00235**	F **291.76**	**.00067**	**.00372**	**.00661**	**5.0064**	**-.00776**
Stddev	.201	.02169	.00381	.00102	.00001	.00012	1.02	.00032	.00115	.00124	.0119	.00121
%RSD	.52146	35.052	291.69	2.9934	4.4507	5.0716	.34843	47.492	30.938	18.805	.23845	15.661
#1	38.697	.04654	-.00139	-.03321	-.00033	-.00243	292.48	.00044	.00454	.00573	4.9979	-.00862
#2	38.412	.07722	.00400	-.03465	-.00031	-.00226	291.04	.00089	.00291	.00749	5.0148	-.00690
Check ?	Chk Fail	None	None	None	None	None	Chk Fail	None	None	None	None	None
Value	50.000						250.00					
Range	-10.000%						10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00594**	**.01708**	**.00186**	**.00024**	**4.9760**	**-.00756**	**.00251**	**10.235**	**.00190**	**.00199**	**-.20104**
Stddev	.00410	.01562	.00093	.00017	.0079	.00002	.00058	.004	.00017	.00040	.00100
%RSD	69.078	91.413	49.853	70.024	.15880	.30589	23.217	.03990	8.7836	20.104	.49964
#1	.00304	.02813	.00120	.00036	4.9816	-.00754	.00210	10.238	.00202	.00227	-.20175
#2	.00884	.00604	.00251	.00012	4.9704	-.00758	.00292	10.232	.00178	.00171	-.20033
Check ?	None	None	None	None	Chk Pass	None	None	Chk Pass	None	None	None
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4785.3**	**70056.**	**5023.4**
Stddev	2.2	177.	54.3
%RSD	.04609	.25233	1.0811
#1	4783.8	69931.	4985.0
#2	4786.9	70181.	5061.8

Sample Name: CCV-1012098 Acquired: 9/30/2011 0:08:39 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.50536**	**.51614**	**1.0017**	**.50724**	**.53512**	**.46628**	**-.00309**	**4.6678**	**.51248**	**.51767**	**.51559**	**.52036**
Stddev	.00016	.00159	.0040	.00163	.00022	.00153	.00208	.0040	.00127	.00030	.00067	.00107
%RSD	.03157	.30795	.40277	.32037	.04087	.32841	67.364	.08457	.24728	.05862	.12996	.20535
#1	.50547	.51726	1.0045	.50609	.53497	.46520	-.00456	4.6650	.51159	.51745	.51512	.52111
#2	.50525	.51501	.99884	.50839	.53528	.46736	-.00162	4.6706	.51338	.51788	.51607	.51960
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value												
Range												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **1.9298**	F **56.861**	F **1.1693**	**20.240**	**.51741**	**.50856**	F **5.6557**	**.53157**	**1.0174**	**1.0221**	**.00256**	**1.0125**
Stddev	.0043	.057	.0036	.031	.00133	.00106	.0067	.00048	.0003	.0005	.00539	.0010
%RSD	.22451	.09949	.30785	.15498	.25696	.20783	.11940	.08943	.03061	.04934	210.27	.10314
#1	1.9268	56.821	1.1667	20.262	.51835	.50931	5.6605	.53123	1.0172	1.0218	-.00125	1.0133
#2	1.9329	56.901	1.1718	20.218	.51647	.50781	5.6510	.53190	1.0176	1.0225	.00638	1.0118
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value	2.5000	50.000	1.0000				5.0000					
Range	-10.000%	10.000%	10.000%				10.000%					

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.98981**	**4.5098**	**1.0658**	**.52177**	**.00007**	**.49652**	**1.0368**	**-.00921**	**.50970**	**.50032**	**.48338**
Stddev	.00375	.0307	.0016	.00140	.00155	.00012	.0021	.00851	.00160	.00137	.00079
%RSD	.37928	.67982	.14817	.26755	2359.0	.02386	.20091	92.378	.31488	.27301	.16285
#1	.98716	4.4882	1.0669	.52079	-.00103	.49660	1.0353	-.00319	.51084	.50128	.48393
#2	.99247	4.5315	1.0647	.52276	.00116	.49643	1.0383	-.01522	.50857	.49935	.48282
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4864.2**	**72770.**	**5185.2**
Stddev	20.4	68.	20.8
%RSD	.41996	.09322	.40178
#1	4849.7	72722.	5170.4
#2	4878.6	72818.	5199.9

Sample Name: CCB Acquired: 9/30/2011 0:11:10 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055	Cu3247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**.00037**	**.00053**	**.00005**	**.00042**	**.00004**	**-.00714**	**-.00829**	**.00000**	**.00000**	**-.00025**	**-.00055**
Stddev	.00018	.00042	.00027	.00012	.00008	.00013	.00148	.00092	.0001	.00003	.00027	.00002
%RSD	67.714	113.21	50.585	255.30	19.278	373.14	20.728	11.041	8824.4	1461.1	109.02	4.0138
#1	.00039	.00007	.00072	.00013	.00048	.00013	-.00609	-.00764	-.00008	.00003	-.00044	-.00057
#2	.00014	.00067	.00034	-.00004	.00036	-.00006	-.00818	-.00894	.00007	-.00002	-.00006	-.00054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit												
Low Limit												

Elem	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00168**	**.04662**	**.00034**	**-.00067**	**-.00003**	**.00211**	**.08679**	**-.00004**	**-.00227**	**.00013**	**.00150**	F **.00785**
Stddev	.00085	.01043	.00181	.00276	.00002	.00055	.00917	.00019	.00066	.00133	.00570	.00313
%RSD	50.498	22.373	531.63	414.78	68.137	26.191	10.566	484.86	29.225	999.94	379.71	39.911
#1	-.00228	.05400	-.00094	-.00262	-.00005	.00172	.08030	-.00017	-.00274	.00107	.00553	.00563
#2	-.00108	.03925	.00162	.00129	-.00002	.00250	.09327	.00010	-.00180	-.00081	-.00253	.01006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Fail
High Limit												.00628
Low Limit												-.00628

Elem	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924	Zn2062	Zr3391
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00262**	**.01034**	**.00124**	**-.00005**	**-.00045**	**-.00004**	**-.00198**	**.02895**	**.00002**	**.00140**	**-.00085**
Stddev	.00044	.00704	.00051	.00001	.00139	.00021	.00014	.00238	.00032	.00030	.00158
%RSD	16.933	68.130	40.704	11.920	310.08	519.31	6.9272	8.2281	1401.8	21.453	185.67
#1	.00231	.00536	.00088	-.00005	-.00143	.00011	-.00208	.02727	-.00021	.00119	-.00197
#2	.00293	.01531	.00160	-.00006	.00053	-.00019	-.00188	.03064	.00025	.00161	.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit											
Low Limit											

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4882.6**	**74117.**	**5072.2**
Stddev	2.3	829.	33.1
%RSD	.04743	1.1182	.65341
#1	4880.9	74703.	5048.7
#2	4884.2	73531.	5095.6

Sample Name: CCVL1018383 Acquired: 9/30/2011 0:13:56 Type: QC
Method: 6500_026(v32) Mode: CONC Corr. Factor: 1.000000
User: bowenh Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag3280	Al1670	As1890	B_2089	Ba4554	Be3130	Bi2230	Ca3179	Cd2288	Co2286	Cr2055
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00979**	**.10207**	**.01498**	**.09686**	**.01110**	**.00094**	**.11063**	**.17543**	**.00494**	**.01063**	**.01014**
Stddev	.00027	.00018	.00285	.00030	.00054	.00005	.00366	.00112	.00004	.00026	.00019
%RSD	2.7922	.17845	19.005	.30619	4.8782	5.6971	3.3066	.63739	.90636	2.4719	1.8390
#1	.00960	.10220	.01699	.09665	.01071	.00090	.10804	.17623	.00491	.01082	.01027
#2	.00999	.10194	.01296	.09707	.01148	.00098	.11322	.17464	.00497	.01045	.01001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value											
Range											

Elem	Cu3247	Fe2599	K_7664	Li6707	Mg2790	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01503**	W **.07307**	**3.4204**	W **.01263**	**.20185**	**.01031**	**.01941**	W **1.2004**	**.04253**	**2.8923**	**.00926**
Stddev	.00021	.00190	.0018	.00029	.00140	.00003	.00018	.0181	.00017	.0029	.00021
%RSD	1.3999	2.5994	.05214	2.2774	.69225	.28674	.90432	1.5100	.38854	.10140	2.2863
#1	.01488	.07441	3.4192	.01284	.20284	.01029	.01928	1.1876	.04242	2.8944	.00911
#2	.01518	.07173	3.4217	.01243	.20086	.01033	.01953	1.2132	.04265	2.8903	.00941
Check ?	Chk Pass	Chk Warn	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass	Chk Pass	Chk Pass
Value		.10000		.01000				1.0000			
Range		-20.000%		20.000%				20.000%			

Elem	S_1820	Sb2068	Se1960	Si2881	Sn1899	Sr4077	Th2837	Ti3349	Tl1908	U_3701	V_2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	W **.01275**	**.01294**	**.43791**	**.10545**	**.01025**	**.01495**	**.00961**	**.01593**	W **.07310**	**.00985**
Stddev	.00297	.00220	.00180	.01631	.00035	.00015	.00043	.00015	.00138	.03427	.00019
%RSD	1334.4	17.287	13.927	3.7245	.33628	1.4378	2.8916	1.5329	8.6885	46.887	1.9715
#1	.00188	.01120	.01422	.42638	.10520	.01014	.01526	.00951	.01495	.09733	.00999
#2	-.00232	.01431	.01167	.44944	.10570	.01035	.01464	.00971	.01691	.04886	.00971
Check ?	None	Chk Warn	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Warn	Chk Pass
Value		.01000								.06000	
Range		20.000%								20.000%	

Elem	Zn2062	Zr3391
Units	ppm	ppm
Avg	**.02068**	**.01308**
Stddev	.00023	.00150
%RSD	1.1213	11.478
#1	.02084	.01202
#2	.02052	.01414
Check ?	Chk Pass	Chk Pass
Value		
Range		

Int. Std.	Y_2243	Y_3600	Y_3774
Units	Cts/S	Cts/S	Cts/S
Avg	**4895.9**	**73695.**	**5056.9**
Stddev	10.1	323.	30.7
%RSD	.20715	.43863	.60662
#1	4903.1	73924.	5078.6
#2	4888.8	73467.	5035.2

ICP Data Review Checklist

TALS BATCH NUMBER: 88511, 88513	Earliest due date: 9/28/11	
Run Date: 9/29/11	Analyst: HEB	Instrument: 26
QC programs/Methods Run: 200.7, 6010B, 6010C, DoD v4.1		

Review Items	Yes	No	N/A	2nd Level
A. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits?	✓			✓
2. Method blank done per prep batch and < 1/2 RL or CRDL (CLP) or < 2.2x MDL 200.7 ?	✓			✓
3. MS run at required frequency and within limits?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits?	✓			✓
5. Serial dilution done per prep batch (or per SDG for CLP)?	✓			✓
6. Post digest spike analyzed if required (CLP, DOD & AFCEE only)? NCM Whether needed for DODV3, AFCEE 4.0, 6010c?	✓			✓
B. Calibration/Instrument Run QC				
1. ICV/CCV analyzed at appropriate frequency and within control limits ? (**6010B**: CLP = 90 - 110%; **200.7**: ICV = 95 - 105%, CCV 90-110%) If not in control, was the ICV or CCV reanalyzed twice to show return to control as per NELAP?	✓			✓
2. ICB/CCB analyzed at appropriate frequency and < RL or < CRDL (CLP) or < 2X MDL (DOD V3,AFCEE 4,0)? Was it less than the MDLV (6010C)	✓			✓
3. High Standard (HIGH) reanalyzed before samples and recovered within QC limits? (+-5%)	✓			✓
4. RL STD run and recovered within QC limits ? (± 50% for non-CLP, ± 20% for DoD V3 / AFCEE 4.0 / USACE)	✓			✓
5. Was the LLICV/LLCCV analyzed at appropriate frequency for 6010C and within control (+-30 % or +-20%)	✓			✓
6. ICSA/ICSAB run at required frequency and within SOP limits? (ICSA < 2X MDL AFCEE 4.0, DOD V3 or <RL std work or <MDLV 6010C))	✓			✓
C. Sample Results				
1. For 6010B, were samples with concentrations > the linear range for any parameter diluted and reanalyzed? For 200.7, were samples with concentrations within 90% of the linear range diluted and reanalyzed?	✓			✓
2. Are all reported results bracketed by in control QC?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately?	✓			✓
2. Calculations checked for errors?	✓			✓
3. Transcriptions checked for errors? (Example: Are dilution factors that are entered into the sequence log correct?)	✓			✓
4. All client/project specific requirements met?	✓			✓
5. Date/time of analysis verified as correct?	✓			✓
6. PDF attached, verified uncorrupted?	✓			✓

Analyst: Heidi Bowen Date: 9/30/11

Comments: 200ppm LR check for Pb at end of run

2nd Level Reviewer: Zhongming Li Date: 9/30/11

Comments:

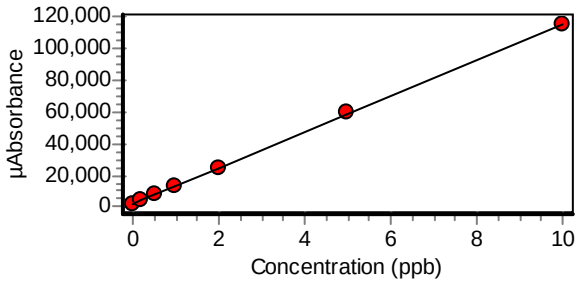
Report Generated By CETAC QuickTrace
Analyst: bowenh
Worksheet file: C:\Program Files\QuickTrace\Worksheets\Sept 2011\34A091511.wsz
Date Started: 9/15/2011 11:00:09 AM
Comment:

Results

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt. ODF	Vol.
Cal Blank	STD	09/15/11 11:43:02 am	0.000	1660	0.44		1.00 1.00	1.00
Std1	STD	09/15/11 11:45:20 am	0.200	3922	1.52		1.00 1.00	1.00
Std2	STD	09/15/11 11:47:39 am	0.500	7781	1.52		1.00 1.00	1.00
Std3	STD	09/15/11 11:49:58 am	1.000	13153	1.42		1.00 1.00	1.00
Std4	STD	09/15/11 11:52:18 am	2.000	24927	0.03		1.00 1.00	1.00
Std5	STD	09/15/11 11:54:38 am	5.000	59964	0.47		1.00 1.00	1.00
Std6	STD	09/15/11 11:56:58 am	10.000	114885	0.98		1.00 1.00	1.00

Calibration

Equation: A = 2005.620 + 11350.400C
R2: 0.99979
SEE: 661.8843
Flags:



ICV 985634	ICV	09/15/11 11:59:25 am	4.012	47548	0.64		1.00 1.00	1.00
% Recovery 100.31								
ICB	ICB	09/15/11 12:01:42 pm	-0.039	1562	0.15		1.00 1.00	1.00
CRA 985633	CRDL	09/15/11 12:04:00 pm	0.168	3909	1.02		1.00 1.00	1.00
% Recovery 83.83								

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol. ODF
CCV 985632	CCV	09/15/11 12:06:20 pm	5.489	64302	0.14		1.00	1.00
% Recovery 109.77							1.00	
CCB	CCB	09/15/11 12:08:37 pm	-0.038	1576	0.47		1.00	1.00
							1.00	
mb 280-84360/1-a	UNK	09/15/11 12:10:54 pm	0.000	2007	0.68		1.00	1.00
							1.00	
lcssrm 280-84360/2-a@200	UNK	09/15/11 12:13:12 pm	5.560	65117	0.22		1.00	1.00
							1.00	
280-19731-a-3-a	UNK	09/15/11 12:15:30 pm	0.038	2432	1.75		1.00	1.00
							1.00	
280-19731-a-3-b ms	UNK	09/15/11 12:17:48 pm	3.904	46315	7.10	s	1.00	1.00
							1.00	
280-19731-a-3-c msd	UNK	09/15/11 12:20:06 pm	3.858	45799	2.03		1.00	1.00
							1.00	
mb 280-85918/1-a	UNK	09/15/11 12:22:25 pm	-0.049	1446	1.17		1.00	1.00
							1.00	
lcs 280-85918/2-a	UNK	09/15/11 12:24:44 pm	4.795	56425	1.14		1.00	1.00
							1.00	
280-20176-a-1-d	UNK	09/15/11 12:27:04 pm	0.329	5736	0.62		1.00	1.00
							1.00	
280-20176-a-1-e ms	UNK	09/15/11 12:29:24 pm	4.659	54892	0.73		1.00	1.00
							1.00	
280-20176-a-1-f msd	UNK	09/15/11 12:31:43 pm	5.531	64780	0.36		1.00	1.00
							1.00	
CCV 985632	CCV	09/15/11 12:34:03 pm	4.632	54581	0.30		1.00	1.00
% Recovery 92.64							1.00	
CCB	CCB	09/15/11 12:36:22 pm	-0.044	1510	1.63		1.00	1.00
							1.00	
280-20176-a-2-b	UNK	09/15/11 12:38:42 pm	0.446	7064	0.69		1.00	1.00
							1.00	
mb 280-85383/1-a	UNK	09/15/11 12:41:02 pm	-0.035	1609	2.38		1.00	1.00
							1.00	
lcs 280-85383/2-a	UNK	09/15/11 12:43:19 pm	4.519	53300	0.31		1.00	1.00
							1.00	

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-19984-a-1-a	UNK	09/15/11 12:45:36 pm	-0.016	1819	0.62		1.00	1.00	1.00
SD 280-19984-a-1-a@5	UNK	09/15/11 12:47:53 pm	-0.143	386	1.21		1.00	1.00	1.00
280-19984-a-1-b ms	UNK	09/15/11 12:50:11 pm	3.711	44129	4.34		1.00	1.00	1.00
280-19984-a-1-c msd	UNK	09/15/11 12:52:30 pm	5.275	61881	1.20		1.00	1.00	1.00
280-19984-a-2-a	UNK	09/15/11 12:54:48 pm	0.001	2013	0.36		1.00	1.00	1.00
280-19984-a-3-a	UNK	09/15/11 12:57:07 pm	0.023	2266	1.26		1.00	1.00	1.00
280-19984-a-4-a	UNK	09/15/11 12:59:26 pm	0.328	5723	4.36		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 01:01:46 pm	5.293	62082	1.05		1.00	1.00	1.00
% Recovery 105.86									
CCB	CCB	09/15/11 01:04:03 pm	-0.037	1588	0.89		1.00	1.00	1.00
280-19984-a-5-b	UNK	09/15/11 01:06:22 pm	0.145	3646	1.71		1.00	1.00	1.00
mb 280-85576/1-a	UNK	09/15/11 01:08:42 pm	-0.017	1808	0.42		1.00	1.00	1.00
lcssrm 280-85576/2-a@200	UNK	09/15/11 01:11:01 pm	6.766	78808	0.55		1.00	1.00	1.00
280-20046-a-1-a	UNK	09/15/11 01:13:21 pm	0.042	2480	0.39		1.00	1.00	1.00
280-20046-a-1-b ms	UNK	09/15/11 01:15:38 pm	3.950	46839	0.68		1.00	1.00	1.00
280-20046-a-1-c msd	UNK	09/15/11 01:17:55 pm	3.310	39578	0.84		1.00	1.00	1.00
mb 280-85914/1-a	UNK	09/15/11 01:20:13 pm	-0.011	1886	0.73		1.00	1.00	1.00
lcssrm 280-85914/2-a@20	UNK	09/15/11 01:22:31 pm	2.575	31236	0.88		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20092-a-5-a	UNK	09/15/11 01:24:50 pm	0.623	9078	0.66		1.00	1.00	1.00
280-20092-a-5-b ms	UNK	09/15/11 01:27:08 pm	5.430	63636	0.18		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 01:29:29 pm	4.785	56312	0.57		1.00	1.00	1.00
% Recovery 95.69									
CCB	CCB	09/15/11 01:31:46 pm	-0.043	1522	0.27		1.00	1.00	1.00
280-20092-a-5-c msd	UNK	09/15/11 01:34:04 pm	5.523	64693	0.03		1.00	1.00	1.00
280-20092-a-6-a	UNK	09/15/11 01:36:23 pm	0.012	2138	0.47		1.00	1.00	1.00
mb 280-85376/1-a	UNK	09/15/11 01:38:42 pm	-0.041	1536	0.66		1.00	1.00	1.00
lcs 280-85376/2-a	UNK	09/15/11 01:41:02 pm	5.043	59240	0.03		1.00	1.00	1.00
280-20074-a-1-a	UNK	09/15/11 01:43:21 pm	0.035	2407	0.40		1.00	1.00	1.00
280-20074-a-1-b ms	UNK	09/15/11 01:45:41 pm	4.967	58379	0.49		1.00	1.00	1.00
280-20074-a-1-c du	UNK	09/15/11 01:48:00 pm	-0.008	1915	0.34		1.00	1.00	1.00
280-20074-a-2-a	UNK	09/15/11 01:50:17 pm	0.075	2856	0.45		1.00	1.00	1.00
280-20074-a-3-a	UNK	09/15/11 01:52:34 pm	0.011	2135	0.12		1.00	1.00	1.00
280-20074-a-4-a	UNK	09/15/11 01:54:52 pm	0.063	2724	0.53		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 01:57:12 pm	5.112	60030	0.34		1.00	1.00	1.00
% Recovery 102.24									
CCB	CCB	09/15/11 01:59:29 pm	-0.054	1396	0.21		1.00	1.00	1.00
280-20074-a-5-a	UNK	09/15/11 02:01:47 pm	0.092	3051	1.29		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20074-a-6-a	UNK	09/15/11 02:04:05 pm	0.128	3455	0.97		1.00	1.00	1.00
280-20074-a-7-a	UNK	09/15/11 02:06:25 pm	0.176	3998	4.65		1.00	1.00	1.00
280-20074-a-8-a	UNK	09/15/11 02:20:32 pm	0.093	3060	2.03		1.00	1.00	1.00
280-20074-a-9-a	UNK	09/15/11 02:22:51 pm	-0.024	1729	0.18		1.00	1.00	1.00
280-20074-a-10-a	UNK	09/15/11 02:25:11 pm	0.092	3048	0.20		1.00	1.00	1.00
280-20074-a-11-a	UNK	09/15/11 02:27:30 pm	0.065	2749	0.03		1.00	1.00	1.00
280-20074-a-12-a	UNK	09/15/11 02:29:50 pm	0.041	2466	0.23		1.00	1.00	1.00
280-20074-a-13-a	UNK	09/15/11 02:32:08 pm	0.045	2517	0.24		1.00	1.00	1.00
280-20074-a-14-a	UNK	09/15/11 02:34:26 pm	0.071	2816	0.44		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 02:36:46 pm	4.519	53294	0.06		1.00	1.00	1.00
% Recovery 90.37									
CCB	CCB	09/15/11 02:39:05 pm	-0.043	1516	0.37		1.00	1.00	1.00
280-20074-a-15-a	UNK	09/15/11 02:41:23 pm	0.034	2387	0.17		1.00	1.00	1.00
280-20074-a-16-a	UNK	09/15/11 02:43:41 pm	0.003	2043	1.80		1.00	1.00	1.00
280-20074-a-17-a	UNK	09/15/11 02:45:59 pm	0.078	2888	0.08		1.00	1.00	1.00
280-20074-a-18-a	UNK	09/15/11 02:48:17 pm	0.079	2907	0.14		1.00	1.00	1.00
280-20074-a-19-a	UNK	09/15/11 02:50:36 pm	-0.020	1781	0.30		1.00	1.00	1.00
mb 280-85377/1-a	UNK	09/15/11 02:52:54 pm	-0.015	1832	0.08		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
lcs 280-85377/2-a	UNK	09/15/11 02:55:14 pm	4.728	55667	0.07		1.00	1.00	1.00
280-20075-a-1-a	UNK	09/15/11 02:57:33 pm	0.026	2299	0.95		1.00	1.00	1.00
280-20075-a-1-b ms	UNK	09/15/11 02:59:53 pm	5.075	59606	0.51		1.00	1.00	1.00
280-20075-a-1-c du	UNK	09/15/11 03:02:13 pm	0.061	2703	0.55		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 03:04:33 pm	4.677	55089	0.17		1.00	1.00	1.00
% Recovery 93.54									
CCB	CCB	09/15/11 03:06:50 pm	-0.055	1380	0.47		1.00	1.00	1.00
280-20075-a-2-a	UNK	09/15/11 03:09:08 pm	0.024	2273	0.11		1.00	1.00	1.00
280-20075-a-3-a	UNK	09/15/11 03:11:26 pm	0.011	2133	0.06		1.00	1.00	1.00
280-20075-a-4-a	UNK	09/15/11 03:13:45 pm	0.029	2334	0.19		1.00	1.00	1.00
280-20075-a-5-a	UNK	09/15/11 03:16:03 pm	0.016	2191	0.12		1.00	1.00	1.00
280-20075-a-6-a	UNK	09/15/11 03:18:21 pm	0.028	2327	0.06		1.00	1.00	1.00
280-20075-a-7-a	UNK	09/15/11 03:20:39 pm	0.039	2443	0.30		1.00	1.00	1.00
280-20075-a-8-a	UNK	09/15/11 03:22:58 pm	-0.012	1869	1.14		1.00	1.00	1.00
280-20075-a-9-a	UNK	09/15/11 03:25:16 pm	0.041	2472	0.23		1.00	1.00	1.00
280-20075-a-10-a	UNK	09/15/11 03:27:37 pm	0.031	2352	1.55		1.00	1.00	1.00
280-20075-a-11-a	UNK	09/15/11 03:29:56 pm	0.058	2666	0.14		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 03:32:16 pm	5.318	62362	0.05		1.00	1.00	1.00
% Recovery 106.35									

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
CCB	CCB	09/15/11 03:34:33 pm	-0.035	1614	0.43		1.00	1.00	1.00
280-20075-a-12-a	UNK	09/15/11 03:36:53 pm	0.092	3047	2.38		1.00	1.00	1.00
280-20075-a-13-a	UNK	09/15/11 03:39:13 pm	0.027	2308	0.26		1.00	1.00	1.00
280-20075-a-14-a	UNK	09/15/11 03:41:32 pm	0.001	2017	1.67		1.00	1.00	1.00
280-20075-a-15-a	UNK	09/15/11 03:43:50 pm	0.077	2876	0.61		1.00	1.00	1.00
280-20075-a-16-a	UNK	09/15/11 03:46:08 pm	0.057	2655	0.29		1.00	1.00	1.00
280-20075-a-17-a	UNK	09/15/11 03:48:27 pm	0.030	2346	4.88		1.00	1.00	1.00
280-20075-a-18-a	UNK	09/15/11 03:50:45 pm	0.103	3174	1.56		1.00	1.00	1.00
280-20075-a-19-a	UNK	09/15/11 03:53:03 pm	0.014	2170	6.72	s	1.00	1.00	1.00
280-20075-a-20-a	UNK	09/15/11 03:55:22 pm	0.003	2042	0.84		1.00	1.00	1.00
mb 280-85378/1-a	UNK	09/15/11 03:57:41 pm	-0.028	1686	0.84		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 04:00:01 pm	5.258	61682	0.48		1.00	1.00	1.00
% Recovery 105.15									
CCB	CCB	09/15/11 04:02:18 pm	-0.048	1460	0.39		1.00	1.00	1.00
lcs 280-85378/2-a	UNK	09/15/11 04:04:37 pm	5.243	61520	0.18		1.00	1.00	1.00
280-20077-a-1-a	UNK	09/15/11 04:06:57 pm	0.028	2324	4.43		1.00	1.00	1.00
280-20077-a-1-b ms	UNK	09/15/11 04:09:18 pm	5.181	60815	0.25		1.00	1.00	1.00
280-20077-a-1-c du	UNK	09/15/11 04:11:38 pm	0.059	2675	0.71		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20077-a-2-a	UNK	09/15/11 04:13:57 pm	0.183	4078	0.04		1.00	1.00	1.00
280-20077-a-3-a	UNK	09/15/11 04:16:15 pm	0.244	4772	0.07		1.00	1.00	1.00
mb 280-85379/1-a	UNK	09/15/11 04:18:34 pm	-0.028	1683	0.22		1.00	1.00	1.00
lcs 280-85379/2-a	UNK	09/15/11 04:20:53 pm	4.677	55096	0.18		1.00	1.00	1.00
280-20078-a-1-a	UNK	09/15/11 04:23:11 pm	0.032	2374	0.25		1.00	1.00	1.00
280-20078-a-1-b ms	UNK	09/15/11 04:25:30 pm	5.580	65337	0.02		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 04:27:50 pm	4.319	51026	1.99		1.00	1.00	1.00
% Recovery 86.38									
CCB	CCB	09/15/11 04:30:07 pm	-0.045	1494	0.30		1.00	1.00	1.00
280-20078-a-1-c du	UNK	09/15/11 04:32:26 pm	-0.020	1783	7.08	s	1.00	1.00	1.00
mb 280-85917/1-a	UNK	09/15/11 04:34:45 pm	-0.031	1657	0.58		1.00	1.00	1.00
lcs 280-85917/2-a	UNK	09/15/11 04:37:04 pm	4.617	54406	8.23	s	1.00	1.00	1.00
280-20042-a-1-b	UNK	09/15/11 04:39:24 pm	0.078	2889	1.78		1.00	1.00	1.00
280-20042-a-2-b	UNK	09/15/11 04:41:43 pm	-0.011	1883	0.70		1.00	1.00	1.00
280-20042-a-3-b	UNK	09/15/11 04:44:03 pm	0.127	3452	0.31		1.00	1.00	1.00
280-20042-a-4-b	UNK	09/15/11 04:46:23 pm	0.248	4816	3.56		1.00	1.00	1.00
280-20042-a-5-b	UNK	09/15/11 04:48:42 pm	1.110	14605	0.38		1.00	1.00	1.00
280-20042-a-6-b	UNK	09/15/11 04:51:01 pm	1.752	21891	0.06		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20042-a-7-b	UNK	09/15/11 04:53:20 pm	0.008	2100	1.43		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 04:55:40 pm	5.118	60097	0.05		1.00	1.00	1.00
% Recovery 102.36									
CCB	CCB	09/15/11 04:57:57 pm	-0.047	1473	0.89		1.00	1.00	1.00
SD 280-20042-a-7-b@5	UNK	09/15/11 05:00:17 pm	-0.139	430	1.13		1.00	1.00	1.00
280-20042-a-7-c ms	UNK	09/15/11 05:02:36 pm	5.670	66368	0.12		1.00	1.00	1.00
280-20042-a-7-d msd	UNK	09/15/11 05:04:55 pm	5.133	60264	0.91		1.00	1.00	1.00
280-20187-a-2-b	UNK	09/15/11 05:07:14 pm	0.438	6972	0.23		1.00	1.00	1.00
mb 280-85972/1-a	UNK	09/15/11 05:09:33 pm	-0.044	1509	2.41		1.00	1.00	1.00
lcs 280-85972/2-a	UNK	09/15/11 05:11:53 pm	5.069	59542	0.58		1.00	1.00	1.00
280-20223-a-1-a	UNK	09/15/11 05:14:13 pm	0.053	2603	0.09		1.00	1.00	1.00
280-20223-a-2-a	UNK	09/15/11 05:16:32 pm	0.113	3290	0.08		1.00	1.00	1.00
280-20223-a-3-a	UNK	09/15/11 05:18:52 pm	0.021	2248	0.51		1.00	1.00	1.00
280-20223-a-4-a	UNK	09/15/11 05:21:11 pm	0.232	4641	0.88		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 05:23:31 pm	5.348	62708	0.08		1.00	1.00	1.00
% Recovery 106.96									
CCB	CCB	09/15/11 05:25:48 pm	-0.043	1518	0.34		1.00	1.00	1.00
280-20223-a-5-a	UNK	09/15/11 05:28:07 pm	0.048	2551	0.29		1.00	1.00	1.00
280-20223-a-6-a	UNK	09/15/11 05:30:26 pm	0.088	3003	1.59		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20223-a-7-a	UNK	09/15/11 05:32:46 pm	0.045	2515	0.23		1.00	1.00	1.00
280-20223-a-8-a	UNK	09/15/11 05:35:05 pm	0.066	2753	0.24		1.00	1.00	1.00
280-20223-a-9-a	UNK	09/15/11 05:37:24 pm	0.038	2442	0.34		1.00	1.00	1.00
280-20223-a-10-a	UNK	09/15/11 05:39:43 pm	0.061	2700	0.48		1.00	1.00	1.00
280-20223-a-11-a	UNK	09/15/11 05:42:02 pm	0.051	2587	2.05		1.00	1.00	1.00
280-20223-a-12-a	UNK	09/15/11 05:44:22 pm	0.040	2463	0.16		1.00	1.00	1.00
280-20223-a-13-a	UNK	09/15/11 05:46:41 pm	0.036	2412	2.52		1.00	1.00	1.00
280-20223-a-14-a	UNK	09/15/11 05:49:01 pm	-0.034	1617	0.36		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 05:51:21 pm	4.964	58348	0.11		1.00	1.00	1.00
% Recovery 99.28									
CCB	CCB	09/15/11 05:53:40 pm	-0.028	1685	0.32		1.00	1.00	1.00
280-20223-a-13-b ms	UNK	09/15/11 05:55:59 pm	5.359	62829	3.67		1.00	1.00	1.00
280-20223-a-13-c du	UNK	09/15/11 05:58:19 pm	0.067	2767	0.17		1.00	1.00	1.00
mb 280-85973/1-a	UNK	09/15/11 06:00:39 pm	-0.023	1748	0.16		1.00	1.00	1.00
lcs 280-85973/2-a	UNK	09/15/11 06:02:59 pm	5.447	63831	0.05		1.00	1.00	1.00
280-20225-a-1-a	UNK	09/15/11 06:05:19 pm	0.026	2297	0.60		1.00	1.00	1.00
280-20225-a-2-a	UNK	09/15/11 06:07:38 pm	0.029	2330	3.29		1.00	1.00	1.00
280-20225-a-3-a	UNK	09/15/11 06:09:58 pm	0.036	2416	0.63		1.00	1.00	1.00

Sample Name	Type	Date/Time	Conc (ppb)	µAbs	%RSD	Flags	Wt.	Vol.	ODF
280-20225-a-3-b du	UNK	09/15/11 06:12:17 pm	0.132	3504	0.41		1.00	1.00	1.00
280-20225-a-3-c ms	UNK	09/15/11 06:14:37 pm	5.691	66606	0.18		1.00	1.00	1.00
mb 280-86036/1-a	UNK	09/15/11 06:16:57 pm	-0.026	1706	0.41		1.00	1.00	1.00
lcssrm 280-86036/2-a@200	UNK	09/15/11 06:19:16 pm	7.334	85252	0.40		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 06:21:37 pm	5.423	63553	0.17		1.00	1.00	1.00
% Recovery 108.45									
CCB	CCB	09/15/11 06:23:55 pm	-0.037	1586	0.31		1.00	1.00	1.00
280-20182-a-1-e	UNK	09/15/11 06:26:15 pm	0.018	2213	4.03		1.00	1.00	1.00
280-20182-a-1-f ms	UNK	09/15/11 06:28:35 pm	3.303	39490	0.29		1.00	1.00	1.00
280-20182-a-1-g msd	UNK	09/15/11 06:30:55 pm	3.834	45528	0.19		1.00	1.00	1.00
280-20182-a-4-c	UNK	09/15/11 06:33:15 pm	-0.054	1390	0.76		1.00	1.00	1.00
CCV 985632	CCV	09/15/11 06:35:35 pm	4.594	54150	0.35		1.00	1.00	1.00
% Recovery 91.88									
CCB	CCB	09/15/11 06:37:52 pm	-0.053	1409	0.19		1.00	1.00	1.00

Analysis Parameters

Instrument M-7500 Mercury Analyzer

Conditions

Gas flow (mL/min)	Sample Uptake (s)	Rinse (s)	Read delay (s)	Replicates (#)	Replicate time (s)	Pump speed (%)	Wavelength (nm)
100	40.00	90.00	55.00	4	1.50	50	253.65

Instrumental Zero

Zero before first sample: No

Zero periodically: Yes

Before each calibration.

Baseline Correction

#1 Start time (s)	#1 End time (s)	#2 Start time (s)	#2 End time (s)
20.00	24.00		

Standby Mode

Enabled: Yes

Standby Options: pump slow

Autodilution

Enabled: No

Condition:

Tube # range:

If no autodilution tubes remaining

Calibration

Settings

Algorithm	Through blank	Weighted fit	Cal. Type	Racalibration rate	Reslope rate	Reslope standard
Linear	No	No	Normal	0	0	N/A

Limits

Calibration slope		Reslope		Coeff. of Determination
Lower (%)	Upper (%)	Lower (%)	Upper (%)	
20	150	75	125	0.99500

Error action: Flag and continue

QC

GLP Override: Yes

QC Tests

CCB

Concentration (ppb)
0.1000

Failure flag: Q

Error action for manually inserted QC: Stop analysis

ICB

Concentration (ppb)
0.0500

Failure flag: Z

Error action for manually inserted QC: Stop analysis

CCV

Concentration (ppb)	Low Limit %	High Limit %
5.0000	80.0000	120.0000

Failure flag: Q

Error action for manually inserted QC: Stop analysis

ICV

Concentration (ppb)	Low Limit %	High Limit %
4.0000	94.6000	110.4000

Failure flag: Q

Error action for manually inserted QC: Stop analysis

CRDL

Concentration (ppb)	Low Limit %	High Limit %
0.2000	50.0000	150.0000

Failure flag: Y

Error action for manually inserted QC: Stop analysis

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Method(s):

245.1 245.1_DW

7470A 7471A 7471B

Applicable QC Batches: 86371

Mercury Analysis Raw Data Checklist

Analyst's Checklist

	yes	no	n/a
1. Were the special instructions for prep and/or analysis followed?	☑	☐	☐
2. Is the correlation coefficient ≥ 0.995?	☑	☐	☐
3. Is the blank less than the reporting limit or properly anomalized?	☑	☐	☐
4. Are the LCSs within limits or properly anomalized?	☑	☐	☐
5. Are the ICV and all CCVs within limits?	☑	☐	☐
6. Are all CCBs within ± one reporting limit from zero?	☑	☐	☐
7. Were the CCVs and CCBs run with at most 10 samples between each set?	☑	☐	☐
8. Are the reporting limits correct and reflect any dilutions?	☑	☐	☐
9. Are the benchsheets complete (including calibration and standard verification #'s)?	☑	☐	☐
10. Are all comments, footnotes, and anomalies properly documented?	☑	☐	☐
11. Are holding time violation forms completed and attached?	☑	☐	☐
12. Have all sample data been entered into LIMS?	☑	☐	☐
13. Have all QC data been entered into LIMS?	☑	☐	☐
14. Have the data entered into LIMS been checked for errors?	☑	☐	☐
15. For TCLP results, is the sample data within 20% of Regulatory Level (0.2 mg/L)?	☐	☐	☑
16. Are all passing CRAs set to acceptable?	☑	☐	☐
17. Is the PDF attached?	☑	☐	☐

Analyst's Name: Heidi Bowen Date: 9/16/11

Data Review's Checklist

	yes	no	n/a
1. Have the calculations been checked?	☑	☐	☐
2. Is the correlation coefficient ≥ 0.995?	☑	☐	☐
3. Is all the QC data within the control limits and/or properly anomalized?	☑	☐	☐
4. Are all the significant figures and reporting limits correct?	☐	☐	☐
5. Have any comments, footnotes, and anomalies been properly documented?	☑	☐	☐
6. Have any data errors been documented and entered into LIMS?	☐	☐	☐
7. Is prep date correct in LIMS? DWuz 9/16/11	☐	☐	☐
8. If TCLP result within 20% of Reg. Level (0.2 mg/l) and MS < 50%, was MSA performed?	☐	☐	☑

Reviewed by: Yongming Wu Date: 9/16/11

Comments:

Anomalies:

METALS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 87698 Batch Start Date: 09/29/11 09:45 Batch Analyst: Ivey, Crystal L

Batch Method: 3050B Batch End Date: 09/29/11 14:45

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ICP SPK 2A 00033	ICP SPK 3A 00034		
MB 280-87698/1		3050B, 6010B		1.05 g	100 mL				
LCS 280-87698/2		3050B, 6010B		1.05 g	100 mL	1 mL	1 mL		
280-20042-A-1	TMCSD0101FA	3050B, 6010B	T	1.17 g	100 mL				
280-20042-A-1 MS	TMCSD0101FA	3050B, 6010B	T	1.13 g	100 mL	1 mL	1 mL		
280-20042-A-1 MSD	TMCSD0101FA	3050B, 6010B	T	1.14 g	100 mL	1 mL	1 mL		
280-20042-A-2	TMCSD0201FA	3050B, 6010B	T	1.10 g	100 mL				
280-20042-A-3	TMCSD0301FA	3050B, 6010B	T	1.07 g	100 mL				
280-20042-A-4	TMCSD0401FA	3050B, 6010B	T	1.03 g	100 mL				
280-20042-A-5	TMCSD0501FA	3050B, 6010B	T	1.04 g	100 mL				
280-20042-A-6	TMCSD0601FA	3050B, 6010B	T	1.13 g	100 mL				
280-20042-A-7	TMCSD0701FA	3050B, 6010B	T	1.15 g	100 mL				

Batch Notes	
Analyst	CLI
Balance ID	M28318
Filter Paper Lot Number	385114
Hydrogen peroxide lot number	K12A06
Lot # of hydrochloric acid	K28022
Lot # of Nitric Acid	K23022
Hood ID or number	09
Hot Block ID number	02
Oven, Bath or Block Temperature 1	93 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	MET-007
Temperature	93/A-5 Degrees C
ID number of the thermometer	908001558
Digestion Tube/Cup Lot #	1105331

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 85917 Batch Start Date: 09/15/11 09:25 Batch Analyst: Bowen, Heidi E

Batch Method: 7471A Batch End Date: 09/15/11 09:55

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Hg Daily Spk 00380			
MB 280-85917/1		7471A, 7471A		0.66 g	50 mL				
LCS 280-85917/2		7471A, 7471A		0.63 g	50 mL	2.5 mL			
280-20042-A-1	TMCSD0101FA	7471A, 7471A	T	0.65 g	50 mL				
280-20042-A-2	TMCSD0201FA	7471A, 7471A	T	0.62 g	50 mL				
280-20042-A-3	TMCSD0301FA	7471A, 7471A	T	0.63 g	50 mL				
280-20042-A-4	TMCSD0401FA	7471A, 7471A	T	0.66 g	50 mL				
280-20042-A-5	TMCSD0501FA	7471A, 7471A	T	0.66 g	50 mL				
280-20042-A-6	TMCSD0601FA	7471A, 7471A	T	0.63 g	50 mL				
280-20042-A-7	TMCSD0701FA	7471A, 7471A	T	0.69 g	50 mL				
280-20042-A-7 MS	TMCSD0701FA	7471A, 7471A	T	0.65 g	50 mL	2.5 mL			
280-20042-A-7 MSD	TMCSD0701FA	7471A, 7471A	T	0.64 g	50 mL	2.5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	ZT0139
Balance ID	24750837
Blank Soil Lot Number	27810999
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	K20033
Lot # of Nitric Acid	K19023
Hood ID or number	HOOD4
Hot Block ID number	15
Potassium Persulfate Lot Number	105888
Potassium Permanganate Lot Number	K14626
NaCL Lot #	J48626
Pipette ID	MET53
Stannous Chloride Lot Number	K21597
SOP Number	DVMT0016
ID number of the thermometer	1180
Digestion Tube/Cup Lot #	1012120
Uncorrected Temperature	92 A6 Celsius
Uncorrected Temperature 2	92 A6 Celsius

METALS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 85917 Batch Start Date: 09/15/11 09:25 Batch Analyst: Bowen, Heidi E

Batch Method: 7471A Batch End Date: 09/15/11 09:55

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG No.:

Project: Griffiss AFB Three Mile Creek (SD031)

Client Sample ID	Lab Sample ID
TMCSD0101FA	280-20042-1
TMCSD0201FA	280-20042-2
TMCSD0301FA	280-20042-3
TMCSD0401FA	280-20042-4
TMCSD0501FA	280-20042-5
TMCSD0601FA	280-20042-6
TMCSD0701FA	280-20042-7

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 280-20042-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 11/01/2009 00:00

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
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280-20042-1	1	T	13:44	X	X																			
280-20042-1 DU	1	T	13:44	X	X																			
280-20042-2	1	T	13:44	X	X																			
280-20042-3	1	T	13:44	X	X																			
280-20042-4	1	T	13:44	X	X																			
280-20042-5	1	T	13:44	X	X																			
280-20042-6	1	T	13:44	X	X																			
280-20042-7	1	T	13:44	X	X																			

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
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Prep Types

T = Total/NA

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Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: Moisture Analysis Date: 9/9/11

SOP #: DWC 0023 Analyst: [illegible] Instrument: H31422

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
19983	Solid	N/A	85304	moisture	Q4
19984	↓	↓	↓	↓	N/A
20041					Q4
20042					Q4
19958/1-59	Solid	N/A	85268	Moist	Q4
19975	↓	↓	↓	↓	Q4

A. Balance, Oven, and DI Water QC Checks	Yes	No	N/A	2nd Level
1. Was the balance calibration verified before and after processing samples and noted in the "Balance Calibration Log" for the date(s) the samples were processed?	✓			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	✓			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			✓	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?	✓			✓
2. Was final residue weight within minimum/maximum requirements?	✓			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	✓			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			✓	✓
2. For % Moisture, was the Final Dried Weight < the Initial Pan Weight or is the result greater than 100%?		✓		
3. Were sample analyses done within holding time?	✓			✓
4. Were special client requirements met?	✓			✓
5. Were data that were manually transcribed from instrument printouts into TALS verified 100% including significant figures and units?			✓	✓
6. Do the prep and analysis dates in TALS reflect the actual dates? Lots/Dates report checked?	✓			✓
7. STD/True Value information is updated and included?			✓	✓
8. Are raw data copies prepared, scanned, and uploaded?	✓			✓
D. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10 X RL?			✓	✓
2. Method blank < ½ RL or NCM provided?			✓	✓
3. LCS/LCSD run for batch and within QC limits?			✓	✓
4. DUP run for batch and RPD < 20% for samples >5 X RL?	✓			✓

Analyst: [signature] Date: 9/10/11

Comments: _____

2nd Level Reviewer: [signature] Date: 9/12/11

Comments: _____

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20042-1

SDG No.:

Batch Number: 85304 Batch Start Date: 09/09/11 13:44 Batch Analyst: Taylor, Juli M

Batch Method: Moisture Batch End Date: 09/10/11 12:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
280-20042-B-1	TMCSD0101FA	Moisture	T	77	1.32 g	16.64 g	13.07 g		
280-20042-B-1 DU	TMCSD0101FA	Moisture	T	78	1.30 g	16.33 g	13.21 g		
280-20042-B-2	TMCSD0201FA	Moisture	T	79	1.28 g	16.94 g	13.52 g		
280-20042-B-3	TMCSD0301FA	Moisture	T	80	1.31 g	16.01 g	12.83 g		
280-20042-B-4	TMCSD0401FA	Moisture	T	81	1.31 g	17.20 g	13.42 g		
280-20042-B-5	TMCSD0501FA	Moisture	T	82	1.30 g	17.45 g	9.29 g		
280-20042-B-6	TMCSD0601FA	Moisture	T	83	1.31 g	17.21 g	13.90 g		
280-20042-B-7	TMCSD0701FA	Moisture	T	84	1.31 g	16.61 g	13.24 g		

Batch Notes	
Balance ID	24650239 No Unit
Date samples were placed in the oven	09-09-11
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	15:03
Date samples were removed from oven	09-10-11
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	1130
Oven ID	E
ID number of the thermometer	1354
Uncorrected In Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

2.7, 2.8 DR1
ar 9/8

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _1_ SDG#:_272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB Three Mile Creek (SD031) Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441 Phone: (315) 336-7721 Ext. 207
Carrier: Test America courier.	Sampler Signature: Daniel Baldyga	

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SBD/SED	# of Containers	SVOCs, PCBs, Pest., note 2 8 oz glass jar	cadmium, mercury note 3 4 oz glass jar	Comments
TMCSD0101FA	TMCSW-13	9/6	1300	SE	G	N	0/0.5	2	1	1	
TMCSD0201FA	TMCSW-903	9/6	1400	SE	G	N	0/0.5	2	1	1	
TMCSD0301FA	TMCSW-902	9/6	1420	SE	G	N	0/0.5	2	1	1	
TMCSD0401FA	RV-TMCFSS-4	9/6	1250	SE	G	N	0/0.5	2	1	1	
TMCSD0501FA	RV-TMCFSS-5	9/6	1230	SE	G	N	0/0.5	2	1	1	
TMCSD0601FA	TMCSW-14	9/6	1320	SE	G	N	0/0.5	2	1	1	
TMCSD0701FA	RV-TMCSS-7	9/6	1345	SE	G	N	0/0.5	2	1	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)
Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.
Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.
Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/1/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date: 9/8/11
Company Name: FPM	Time: 1030	Company Name: TAL Sac	Time: 1200	Company Name: TAP	Time: 0900

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-20042-1

Login Number: 20042

List Source: TestAmerica Denver

List Number: 1

Creator: Paulsen, Lindsay T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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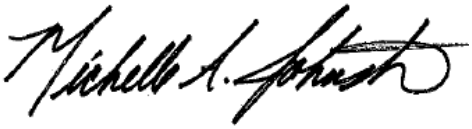
ANALYTICAL REPORT

Job Number: 280-20041-1

Job Description: Griffiss AFB Six Mile Creek (SD032)

For:
FPM Remediations Inc
584 Phoenix Drive
Rome, NY 13441

Attention: Daniel Baldyga



Approved for release.
Michelle Johnston
Project Manager I
10/4/2011 11:35 AM

Designee for
Elaine Walker
Project Manager I
elaine.walker@testamericainc.com
10/04/2011

The test results in this report relate only to the samples in this report and meet all requirements of NELAC, with any exceptions noted. Pursuant to NELAP, this report shall not be reproduced except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Denver Project Manager.

The Lab Certification ID# is E87667.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

TestAmerica Laboratories, Inc.
TestAmerica Denver 4955 Yarrow Street, Arvada, CO 80002
Tel (303) 736-0100 Fax (303) 431-7171 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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CASE NARRATIVE
Client: FPM Remediations Inc
Project: Griffiss AFB Six Mile Creek (SD032)
Report Number: 280-20041-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

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

Three samples were received on 09/08/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 2.8oC.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were analyzed on 09/22/2011.

Please note samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) required a sulfuric acid clean-up to reduce matrix interferences.

Surrogate Tetrachloro-m-xylene was recovered below the QC control limits in sample SMCSD0501HA (280-20041-3). This is an indicator that data may be biased low. This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. The associated data have been flagged “Q” in accordance with the DoD QSM.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples SMCSD0401HA (280-20041-1), SMCSD0401HC (280-20041-2) and SMCSD0501HA (280-20041-3) were analyzed for percent solids in accordance with EPA SW846 3550C. The samples were analyzed on 09/09/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

No Manual Integrations

GC Semi PCB's

YG 6/13/11

SAMPLE SUMMARY

Client: FPM Remediations Inc

Job Number: 280-20041-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
280-20041-1	SMCSD0401HA	Solid	09/06/2011 1500	09/08/2011 0900
280-20041-2	SMCSD0401HC	Solid	09/06/2011 1500	09/08/2011 0900
280-20041-3	SMCSD0501HA	Solid	09/06/2011 1445	09/08/2011 0900

EXECUTIVE SUMMARY - Detections

Client: FPM Remediations Inc

Job Number: 280-20041-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
280-20041-1	**SMCSD0401HA**					
Percent Moisture		18		0.10	%	Moisture
Percent Solids		82		0.10	%	Moisture
280-20041-2	**SMCSD0401HC**					
Percent Moisture		22		0.10	%	Moisture
Percent Solids		78		0.10	%	Moisture
280-20041-3	**SMCSD0501HA**					
Percent Moisture		25		0.10	%	Moisture
Percent Solids		75		0.10	%	Moisture

METHOD SUMMARY

Client: FPM Remediations Inc

Job Number: 280-20041-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL DEN	SW846 8082	
Microwave Extraction			SW846 3546
Percent Moisture	TAL DEN	EPA Moisture	

Lab References:

TAL DEN = TestAmerica Denver

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: FPM Remediations Inc

Job Number: 280-20041-1

Method	Analyst	Analyst ID
SW846 8082	Jackson, Todd D	TDJ
EPA Moisture	Taylor, Juli M	JMT

Client: FPM Remediations Inc | Job Number: 280-20041-1

Client Sample ID: **SMCSD0401HA**

Lab Sample ID: 280-20041-1 | Date Sampled: 09/06/2011 1500
Client Matrix: Solid | % Moisture: 18.1 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	30.8 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0240			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.1	39
PCB-1221		24	U	19	39
PCB-1232		12	U	6.1	39
PCB-1242		12	U	11	39
PCB-1248		12	U	6.7	39
PCB-1254		12	U	6.6	39
PCB-1260		12	U	3.2	39

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		60 - 125
Tetrachloro-m-xylene	97		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20041-1

Client Sample ID: **SMCSD0401HC**

Lab Sample ID: 280-20041-2 | Date Sampled: 09/06/2011 1500
Client Matrix: Solid | % Moisture: 21.7 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	31.0 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0311			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		12	U	6.3	41
PCB-1221		25	U	19	41
PCB-1232		12	U	6.3	41
PCB-1242		12	U	11	41
PCB-1248		12	U	6.9	41
PCB-1254		12	U	6.8	41
PCB-1260		12	U	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		60 - 125
Tetrachloro-m-xylene	100		53 - 128

Client: FPM Remediations Inc | Job Number: 280-20041-1

Client Sample ID: **SMCSD0501HA**

Lab Sample ID: 280-20041-3 | Date Sampled: 09/06/2011 1445
Client Matrix: Solid | % Moisture: 25.3 | Date Received: 09/08/2011 0900

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Prep Method:	3546	Prep Batch:	280-86062	Initial Weight/Volume:	32.1 g
Dilution:	1.0			Final Weight/Volume:	10000 uL
Analysis Date:	09/22/2011 0343			Injection Volume:	1 uL
Prep Date:	09/14/2011 2125			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
PCB-1016		13	U Q	6.4	41
PCB-1221		25	U Q	20	41
PCB-1232		13	U Q	6.4	41
PCB-1242		13	U Q	11	41
PCB-1248		13	U Q	7.0	41
PCB-1254		13	U Q	6.9	41
PCB-1260		13	U Q	3.3	41

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		60 - 125
Tetrachloro-m-xylene	46	Q	53 - 128

General Chemistry

Client Sample ID: **SMCSD0401HA**

Lab Sample ID: 280-20041-1 Date Sampled: 09/06/2011 1500
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	18		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	82		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **SMCSD0401HC**

Lab Sample ID: 280-20041-2 Date Sampled: 09/06/2011 1500
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	22		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	78		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

General Chemistry

Client Sample ID: **SMCSD0501HA**

Lab Sample ID: 280-20041-3 Date Sampled: 09/06/2011 1445
Client Matrix: Solid Date Received: 09/08/2011 0900

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 280-85304	Analysis Date: 09/09/2011 1344						DryWt Corrected: N

Client: FPM Remediations Inc

Job Number: 280-20041-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	DCB1 %Rec
280-20041-1	SMCSD0401HA	97	79
280-20041-2	SMCSD0401HC	100	84
280-20041-3	SMCSD0501HA	46Q	87
MB 280-86062/1-A		104	110
LCS 280-86062/27-A		97	104

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	53-128
DCB = DCB Decachlorobiphenyl	60-125

Client: FPM Remediations Inc

Job Number: 280-20041-1

Method Blank - Batch: 280-86062

Method: 8082
Preparation: 3546

Lab Sample ID:	MB 280-86062/1-A	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	068F6801.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.9 g
Analysis Date:	09/21/2011 2153	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
PCB-1016	9.7	U	4.9	32
PCB-1221	19	U	15	32
PCB-1232	9.7	U	5.0	32
PCB-1242	9.7	U	8.9	32
PCB-1248	9.7	U	5.4	32
PCB-1254	9.7	U	5.4	32
PCB-1260	9.7	U	2.6	32

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	110	60 - 125
Tetrachloro-m-xylene	104	53 - 128

Lab Control Sample - Batch: 280-86062

Method: 8082
Preparation: 3546

Lab Sample ID:	LCS 280-86062/27-A	Analysis Batch:	280-87305	Instrument ID:	GCS_W
Client Matrix:	Solid	Prep Batch:	280-86062	Lab File ID:	090F9001.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	31.6 g
Analysis Date:	09/22/2011 0934	Units:	ug/Kg	Final Weight/Volume:	10000 uL
Prep Date:	09/14/2011 2125			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	63.3	52.3	83	40 - 140	
PCB-1260	63.3	62.7	99	60 - 130	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	104	60 - 125
Tetrachloro-m-xylene	97	53 - 128

DATA REPORTING QUALIFIERS

Client: FPM Remediations Inc Job Number: 280-20041-1

Lab Section	Qualifier	Description
GC Semi VOA		
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.

Client: FPM Remediations Inc

Job Number: 280-20041-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 280-86062					
LCS 280-86062/27-A	Lab Control Sample	T	Solid	3546	
MB 280-86062/1-A	Method Blank	T	Solid	3546	
280-20041-1	SMCSD0401HA	T	Solid	3546	
280-20041-2	SMCSD0401HC	T	Solid	3546	
280-20041-3	SMCSD0501HA	T	Solid	3546	
Analysis Batch:280-87305					
LCS 280-86062/27-A	Lab Control Sample	T	Solid	8082	280-86062
MB 280-86062/1-A	Method Blank	T	Solid	8082	280-86062
280-20041-1	SMCSD0401HA	T	Solid	8082	280-86062
280-20041-2	SMCSD0401HC	T	Solid	8082	280-86062
280-20041-3	SMCSD0501HA	T	Solid	8082	280-86062

Report Basis
T = Total

General Chemistry

Analysis Batch:280-85304					
280-20041-1	SMCSD0401HA	T	Solid	Moisture	
280-20041-2	SMCSD0401HC	T	Solid	Moisture	
280-20041-3	SMCSD0501HA	T	Solid	Moisture	

Report Basis
T = Total

Client: FPM Remediations Inc

Job Number: 280-20041-1

Laboratory Chronicle

Lab ID: 280-20041-1 **Client ID:** SMCSD0401HA

Sample Date/Time: 09/06/2011 15:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	280-20041-A-1-A		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20041-A-1-A		280-87305	280-86062	09/22/2011 02:40	1	TAL DEN	TDJ
A:Moisture	280-20041-A-1		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20041-2 **Client ID:** SMCSD0401HC

Sample Date/Time: 09/06/2011 15:00 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	280-20041-A-2-B		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20041-A-2-B		280-87305	280-86062	09/22/2011 03:11	1	TAL DEN	TDJ
A:Moisture	280-20041-A-2		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

Lab ID: 280-20041-3 **Client ID:** SMCSD0501HA

Sample Date/Time: 09/06/2011 14:45 Received Date/Time: 09/08/2011 09:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	280-20041-A-3-B		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	280-20041-A-3-B		280-87305	280-86062	09/22/2011 03:43	1	TAL DEN	TDJ
A:Moisture	280-20041-A-3		280-85304		09/09/2011 13:44	1	TAL DEN	JMT

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 280-86062/1-A		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	MB 280-86062/1-A		280-87305	280-86062	09/21/2011 21:53	1	TAL DEN	TDJ

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 280-86062/27-A		280-87305	280-86062	09/14/2011 21:25	1	TAL DEN	MRM
A:8082	LCS 280-86062/27-A		280-87305	280-86062	09/22/2011 09:34	1	TAL DEN	TDJ

Lab References:
TAL DEN = TestAmerica Denver

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
8081/82 Surr_00030	02/26/12	08/26/11	ACETONE, Lot K18E69	1000 mL	8081 SurStock_00029	1 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.8081 SurStock_00029	04/22/20	AccuStandard, Inc., Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
8082 LCS_00017	01/07/12	07/07/11	ACETONE, Lot J35E37	250 mL	8082LCSSTOCK_00009	0.5 mL	PCB-1016	2 ug/mL
							PCB-1260	2 ug/mL
.8082LCSSTOCK_00009	05/23/12	ULTRA SCIENTIFIC, Lot CD-0236A			(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1260	1000 ug/mL
AR-3262_SS_00005	02/01/12	08/01/11	Hexane, Lot J43E31	10 mL	AR_1232_US_00003	0.025 mL	PCB-1232	0.25 ug/mL
							PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL
							PCB-1232 Peak 5	0.25 ug/mL
.AR_1232_US_00003	08/01/12	Ultra Scientific, Lot CC-3294A			(Purchased Reagent)		PCB-1232	100 ug/mL
							PCB-1232 Peak 1	100 ug/mL
							PCB-1232 Peak 2	100 ug/mL
							PCB-1232 Peak 3	100 ug/mL
							PCB-1232 Peak 4	100 ug/mL
							PCB-1232 Peak 5	100 ug/mL
AR-4268_SS_00008	02/27/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1242_US_00003	0.025 mL	PCB-1242	0.25 ug/mL
							PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
.AR_1242_US_00003	07/12/12	Ultra Scientific, Lot CE-3255			(Purchased Reagent)		PCB-1242	100 ug/mL
							PCB-1242 Peak 1	100 ug/mL
							PCB-1242 Peak 2	100 ug/mL
							PCB-1242 Peak 3	100 ug/mL
							PCB-1242 Peak 4	100 ug/mL
							PCB-1242 Peak 5	100 ug/mL
AR_1248_L(.5)_00004	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	0.25 mL	PCB-1248 Peak 1	0.025 ug/mL
							PCB-1248 Peak 2	0.025 ug/mL
							PCB-1248 Peak 3	0.025 ug/mL
							PCB-1248 Peak 4	0.025 ug/mL
							PCB-1248 Peak 5	0.025 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12	Accustandard, Lot 209111008			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L1_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL
							PCB-1248 Peak 5	0.05 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L2_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	2.5 mL	PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12		Accustandard, Lot 209111008		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12	Accustandard, Lot 209111008			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1248_L6_00004	7.5 mL	PCB-1248 Peak 1	0.75 ug/mL
							PCB-1248 Peak 2	0.75 ug/mL
							PCB-1248 Peak 3	0.75 ug/mL
							PCB-1248 Peak 4	0.75 ug/mL
							PCB-1248 Peak 5	0.75 ug/mL
.AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
..AR_1248_ACC_00003	08/01/12	Accustandard, Lot 209111008			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1248_ACC_00003	0.1 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.AR_1248_ACC_00003	08/01/12	Accustandard, Lot 209111008			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
AR_1248_SS_00005	01/28/12	08/01/11	hexane, Lot J41E31	10 mL	AR_1248_US_00004	0.025 mL	PCB-1248	0.25 ug/mL
							PCB-1248 Peak 1	0.25 ug/mL
							PCB-1248 Peak 2	0.25 ug/mL
							PCB-1248 Peak 3	0.25 ug/mL
							PCB-1248 Peak 4	0.25 ug/mL
							PCB-1248 Peak 5	0.25 ug/mL
.AR_1248_US_00004	01/28/12	Ultra Scientific, Lot CE-0290			(Purchased Reagent)		PCB-1248	100 ug/mL
							PCB-1248 Peak 1	100 ug/mL
							PCB-1248 Peak 2	100 ug/mL
							PCB-1248 Peak 3	100 ug/mL
							PCB-1248 Peak 4	100 ug/mL
							PCB-1248 Peak 5	100 ug/mL
AR_1660_L(.5)_00008	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	0.25 mL	DCB Decachlorobiphenyl	0.00125 ug/mL
							Tetrachloro-m-xylene	0.00125 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 1	0.025 ug/mL
							PCB-1016 Peak 2	0.025 ug/mL
							PCB-1016 Peak 3	0.025 ug/mL
							PCB-1016 Peak 4	0.025 ug/mL
							PCB-1016 Peak 5	0.025 ug/mL
							PCB-1260 Peak 1	0.025 ug/mL
							PCB-1260 Peak 2	0.025 ug/mL
							PCB-1260 Peak 3	0.025 ug/mL
							PCB-1260 Peak 4	0.025 ug/mL
							PCB-1260 Peak 5	0.025 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L1_00012	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	0.5 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L2_00011	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	1 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
							PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11	AccuStandard, Lot B8080352			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L3_00011	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	2.5 mL	DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
							PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11	Accustandard, Lot 210041294			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11	AccuStandard, Lot 209091313			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11	AccuStandard, Lot B8080352			(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L4_00037	11/01/11	09/14/11	hexane, Lot J52E08	20 mL	AR_1660_L6_00013	10 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
							PCB-1016	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016	1 ug/mL
							PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L5_00012	11/02/11	08/23/11	hexane, Lot J41E31	10 mL	AR_1660_L6_00013	7.5 mL	DCB Decachlorobiphenyl	0.0375 ug/mL
							Tetrachloro-m-xylene	0.0375 ug/mL
							PCB-1016 Peak 1	0.75 ug/mL
							PCB-1016 Peak 2	0.75 ug/mL
							PCB-1016 Peak 3	0.75 ug/mL
							PCB-1016 Peak 4	0.75 ug/mL
							PCB-1016 Peak 5	0.75 ug/mL
							PCB-1260 Peak 1	0.75 ug/mL
							PCB-1260 Peak 2	0.75 ug/mL
							PCB-1260 Peak 3	0.75 ug/mL
							PCB-1260 Peak 4	0.75 ug/mL
							PCB-1260 Peak 5	0.75 ug/mL
.AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
..AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
..Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
..Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_L6_00013	11/02/11	08/23/11	hexane, Lot J41E31	100 mL	AR_SURR_ACC_00004	0.025 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
					Aroclor1016_00002	0.1 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
					Aroclor1260_00008	0.1 mL	PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
.AR_SURR_ACC_00004	11/02/11		Accustandard, Lot 210041294		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
.Aroclor1016_00002	11/02/11		AccuStandard, Lot 209091313		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
.Aroclor1260_00008	11/02/11		AccuStandard, Lot B8080352		(Purchased Reagent)		PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
AR_1660_SS_00011	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1660_SSSTK_00004	0.25 mL	PCB-1016	0.25 ug/mL
							PCB-1016 Peak 1	0.25 ug/mL
							PCB-1016 Peak 2	0.25 ug/mL
							PCB-1016 Peak 3	0.25 ug/mL
							PCB-1016 Peak 4	0.25 ug/mL
							PCB-1016 Peak 5	0.25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260	0.25 ug/mL
							PCB-1260 Peak 1	0.25 ug/mL
							PCB-1260 Peak 2	0.25 ug/mL
							PCB-1260 Peak 3	0.25 ug/mL
							PCB-1260 Peak 4	0.25 ug/mL
							PCB-1260 Peak 5	0.25 ug/mL
							DCB Decachlorobiphenyl	0.0125 ug/mL
							Tetrachloro-m-xylene	0.0125 ug/mL
.AR_1660_SSSTK_00004	02/01/12	08/01/11	HEXANE, Lot J41E31	10 mL	AR_1016_US_00005	1 mL	PCB-1016	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
					AR_1260_US_00004	1 mL	PCB-1260	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
					AR_SURR_US_00003	0.025 mL	DCB Decachlorobiphenyl	0.5 ug/mL
							Tetrachloro-m-xylene	0.5 ug/mL
..AR_1016_US_00005	03/31/17	Ultra Scientific, Lot CF-0785			(Purchased Reagent)		PCB-1016	100 ug/mL
							PCB-1016 Peak 1	100 ug/mL
							PCB-1016 Peak 2	100 ug/mL
							PCB-1016 Peak 3	100 ug/mL
							PCB-1016 Peak 4	100 ug/mL
							PCB-1016 Peak 5	100 ug/mL
..AR_1260_US_00004	07/31/13	Ultra Scientific, Lot CC-1413a			(Purchased Reagent)		PCB-1260	100 ug/mL
							PCB-1260 Peak 1	100 ug/mL
							PCB-1260 Peak 2	100 ug/mL
							PCB-1260 Peak 3	100 ug/mL
							PCB-1260 Peak 4	100 ug/mL
							PCB-1260 Peak 5	100 ug/mL
..AR_SURR_US_00003	02/03/12	Ultra scientific, Lot CE-0161A			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
AR_2154_L(.5)_00004	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	0.25 mL	PCB-1221 Peak 1	0.025 ug/mL
							PCB-1221 Peak 2	0.025 ug/mL
							PCB-1221 Peak 3	0.025 ug/mL
							PCB-1254 Peak 1	0.025 ug/mL
							PCB-1254 Peak 2	0.025 ug/mL
							PCB-1254 Peak 3	0.025 ug/mL
							PCB-1254 Peak 4	0.025 ug/mL
							PCB-1254 Peak 5	0.025 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L1_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L2_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	2.5 mL	PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL
							PCB-1221 Peak 3	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_2154_L6_00004	7.5 mL	PCB-1221 Peak 1	0.75 ug/mL
							PCB-1221 Peak 2	0.75 ug/mL
							PCB-1221 Peak 3	0.75 ug/mL
							PCB-1254 Peak 1	0.75 ug/mL
							PCB-1254 Peak 2	0.75 ug/mL
							PCB-1254 Peak 3	0.75 ug/mL
							PCB-1254 Peak 4	0.75 ug/mL
							PCB-1254 Peak 5	0.75 ug/mL
.AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
..AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1221_ACC_00003	0.1 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
					AR_1254_ACC_00003	0.1 mL	PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.AR_1221_ACC_00003	08/01/12		Accustandard, Lot B8040297		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
.AR_1254_ACC_00003	08/01/12		Accustandard, Lot B9040205		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
AR_2154_SS_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_1221_US_00004	0.025 mL	PCB-1221	0.25 ug/mL
							PCB-1221 Peak 1	0.25 ug/mL
							PCB-1221 Peak 2	0.25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	0.25 ug/mL
					AR_1254_US_00005	0.025 mL	PCB-1254	0.25 ug/mL
							PCB-1254 Peak 1	0.25 ug/mL
							PCB-1254 Peak 2	0.25 ug/mL
							PCB-1254 Peak 3	0.25 ug/mL
							PCB-1254 Peak 4	0.25 ug/mL
							PCB-1254 Peak 5	0.25 ug/mL
.AR_1221_US_00004	08/01/12	Ultra Scientific, Lot PP-291			(Purchased Reagent)		PCB-1221	100 ug/mL
							PCB-1221 Peak 1	100 ug/mL
							PCB-1221 Peak 2	100 ug/mL
							PCB-1221 Peak 3	100 ug/mL
.AR_1254_US_00005	08/01/12	Ultra scientific, Lot CF-1469			(Purchased Reagent)		PCB-1254	100 ug/mL
							PCB-1254 Peak 1	100 ug/mL
							PCB-1254 Peak 2	100 ug/mL
							PCB-1254 Peak 3	100 ug/mL
							PCB-1254 Peak 4	100 ug/mL
							PCB-1254 Peak 5	100 ug/mL
AR_3262_L(.5)_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	0.25 mL	PCB-1232 Peak 1	0.025 ug/mL
							PCB-1232 Peak 2	0.025 ug/mL
							PCB-1232 Peak 3	0.025 ug/mL
							PCB-1232 Peak 4	0.025 ug/mL
							PCB-1232 Peak 5	0.025 ug/mL
							PCB-1262 Peak 1	0.025 ug/mL
							PCB-1262 Peak 2	0.025 ug/mL
							PCB-1262 Peak 3	0.025 ug/mL
							PCB-1262 Peak 4	0.025 ug/mL
							PCB-1262 Peak 5	0.025 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12	Accustandard, Lot B8020263			(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12	accustandard, Lot B6010227			(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L1_00006	02/01/12	08/01/10	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL
							PCB-1232 Peak 3	0.05 ug/mL

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
							PCB-1262 Peak 1	0.05 ug/mL
							PCB-1262 Peak 2	0.05 ug/mL
							PCB-1262 Peak 3	0.05 ug/mL
							PCB-1262 Peak 4	0.05 ug/mL
							PCB-1262 Peak 5	0.05 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L2_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
							PCB-1262 Peak 1	0.1 ug/mL
							PCB-1262 Peak 2	0.1 ug/mL
							PCB-1262 Peak 3	0.1 ug/mL
							PCB-1262 Peak 4	0.1 ug/mL
							PCB-1262 Peak 5	0.1 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L3_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	2.5 mL	PCB-1232 Peak 1	0.25 ug/mL
							PCB-1232 Peak 2	0.25 ug/mL
							PCB-1232 Peak 3	0.25 ug/mL
							PCB-1232 Peak 4	0.25 ug/mL
							PCB-1232 Peak 5	0.25 ug/mL
							PCB-1262 Peak 1	0.25 ug/mL
							PCB-1262 Peak 2	0.25 ug/mL
							PCB-1262 Peak 3	0.25 ug/mL
							PCB-1262 Peak 4	0.25 ug/mL
							PCB-1262 Peak 5	0.25 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L4_00006	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL
							PCB-1232 Peak 5	0.5 ug/mL
							PCB-1262 Peak 1	0.5 ug/mL
							PCB-1262 Peak 2	0.5 ug/mL
							PCB-1262 Peak 3	0.5 ug/mL
							PCB-1262 Peak 4	0.5 ug/mL
							PCB-1262 Peak 5	0.5 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L5_00005	02/01/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_3262_L6_00004	7.5 mL	PCB-1232 Peak 1	0.75 ug/mL
							PCB-1232 Peak 2	0.75 ug/mL
							PCB-1232 Peak 3	0.75 ug/mL
							PCB-1232 Peak 4	0.75 ug/mL
							PCB-1232 Peak 5	0.75 ug/mL
							PCB-1262 Peak 1	0.75 ug/mL
							PCB-1262 Peak 2	0.75 ug/mL
							PCB-1262 Peak 3	0.75 ug/mL
							PCB-1262 Peak 4	0.75 ug/mL
							PCB-1262 Peak 5	0.75 ug/mL
.AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
..AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
..AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_3262_L6_00004	02/01/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1232_ACC_00003	0.1 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
					AR_1262_ACC_00003	0.1 mL	PCB-1262 Peak 1	1 ug/mL
							PCB-1262 Peak 2	1 ug/mL
							PCB-1262 Peak 3	1 ug/mL
							PCB-1262 Peak 4	1 ug/mL
							PCB-1262 Peak 5	1 ug/mL
.AR_1232_ACC_00003	08/01/12		Accustandard, Lot B8020263		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
.AR_1262_ACC_00003	08/01/12		accustandard, Lot B6010227		(Purchased Reagent)		PCB-1262 Peak 1	1000 ug/mL
							PCB-1262 Peak 2	1000 ug/mL
							PCB-1262 Peak 3	1000 ug/mL
							PCB-1262 Peak 4	1000 ug/mL
							PCB-1262 Peak 5	1000 ug/mL
AR_4268_L(.5)_00005	01/31/12	08/02/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	0.25 mL	PCB-1242 Peak 1	0.025 ug/mL
							PCB-1242 Peak 2	0.025 ug/mL
							PCB-1242 Peak 3	0.025 ug/mL
							PCB-1242 Peak 4	0.025 ug/mL
							PCB-1242 Peak 5	0.025 ug/mL
							PCB-1268 Peak 1	0.025 ug/mL
							PCB-1268 Peak 2	0.025 ug/mL
							PCB-1268 Peak 3	0.025 ug/mL
							PCB-1268 Peak 4	0.025 ug/mL
							PCB-1268 Peak 5	0.025 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L1_00005	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
							PCB-1268 Peak 1	0.05 ug/mL
							PCB-1268 Peak 2	0.05 ug/mL
							PCB-1268 Peak 3	0.05 ug/mL
							PCB-1268 Peak 4	0.05 ug/mL
							PCB-1268 Peak 5	0.05 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L2_00004	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
							PCB-1268 Peak 1	0.1 ug/mL
							PCB-1268 Peak 2	0.1 ug/mL
							PCB-1268 Peak 3	0.1 ug/mL
							PCB-1268 Peak 4	0.1 ug/mL
							PCB-1268 Peak 5	0.1 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L3_00004	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	2.5 mL	PCB-1242 Peak 1	0.25 ug/mL
							PCB-1242 Peak 2	0.25 ug/mL
							PCB-1242 Peak 3	0.25 ug/mL
							PCB-1242 Peak 4	0.25 ug/mL
							PCB-1242 Peak 5	0.25 ug/mL
							PCB-1268 Peak 1	0.25 ug/mL
							PCB-1268 Peak 2	0.25 ug/mL
							PCB-1268 Peak 3	0.25 ug/mL
							PCB-1268 Peak 4	0.25 ug/mL
							PCB-1268 Peak 5	0.25 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L4_00007	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL
							PCB-1268 Peak 1	0.5 ug/mL
							PCB-1268 Peak 2	0.5 ug/mL
							PCB-1268 Peak 3	0.5 ug/mL
							PCB-1268 Peak 4	0.5 ug/mL
							PCB-1268 Peak 5	0.5 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L5_00005	01/31/12	08/01/11	Hexane, Lot J41E31	10 mL	AR_4268_L6_00003	7.5 mL	PCB-1242 Peak 1	0.75 ug/mL
							PCB-1242 Peak 2	0.75 ug/mL
							PCB-1242 Peak 3	0.75 ug/mL
							PCB-1242 Peak 4	0.75 ug/mL
							PCB-1242 Peak 5	0.75 ug/mL
							PCB-1268 Peak 1	0.75 ug/mL
							PCB-1268 Peak 2	0.75 ug/mL
							PCB-1268 Peak 3	0.75 ug/mL
							PCB-1268 Peak 4	0.75 ug/mL
							PCB-1268 Peak 5	0.75 ug/mL
.AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
..AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
..AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL
AR_4268_L6_00003	01/31/12	08/01/11	Hexane, Lot J41E31	100 mL	AR_1242_ACC_00003	0.1 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
					AR_1268_ACC_00003	0.1 mL	PCB-1268 Peak 1	1 ug/mL
							PCB-1268 Peak 2	1 ug/mL
							PCB-1268 Peak 3	1 ug/mL
							PCB-1268 Peak 4	1 ug/mL
							PCB-1268 Peak 5	1 ug/mL
.AR_1242_ACC_00003	08/01/12		Accustandard, Lot B9020263		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
.AR_1268_ACC_00003	08/01/12		Accustandard, Lot B6110090		(Purchased Reagent)		PCB-1268 Peak 1	1000 ug/mL
							PCB-1268 Peak 2	1000 ug/mL
							PCB-1268 Peak 3	1000 ug/mL
							PCB-1268 Peak 4	1000 ug/mL
							PCB-1268 Peak 5	1000 ug/mL

Certification Summary

Client: FPM Remediations Inc
TestAmerica Job ID: 280-20041-1
Project/Site: Griffiss AFB Six Mile Creek (SD032)

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Denver	A2LA	DoD ELAP		2907.01
TestAmerica Denver	A2LA	ISO/IEC 17025		2907.01
TestAmerica Denver	Alabama	State Program	4	40730
TestAmerica Denver	Alaska	Alaska UST	10	UST-30
TestAmerica Denver	Arizona	State Program	9	AZ0713
TestAmerica Denver	Arkansas	State Program	6	88-0687
TestAmerica Denver	California	State Program	9	2513
TestAmerica Denver	Colorado	State Program	8	N/A
TestAmerica Denver	Connecticut	State Program	1	PH-0686
TestAmerica Denver	Florida	NELAC	4	E87667
TestAmerica Denver	Georgia	State Program	4	N/A
TestAmerica Denver	Idaho	State Program	10	CO00026
TestAmerica Denver	Illinois	NELAC	5	200017
TestAmerica Denver	Iowa	State Program	7	370
TestAmerica Denver	Kansas	NELAC	7	E-10166
TestAmerica Denver	Louisiana	NELAC	6	30785
TestAmerica Denver	Maine	State Program	1	CO0002
TestAmerica Denver	Maryland	State Program	3	268
TestAmerica Denver	Minnesota	NELAC	5	8-999-405
TestAmerica Denver	Nevada	State Program	9	CO0026
TestAmerica Denver	New Hampshire	NELAC	1	205310
TestAmerica Denver	New Jersey	NELAC	2	CO004
TestAmerica Denver	New Mexico	State Program	6	N/A
TestAmerica Denver	New York	NELAC	2	11964
TestAmerica Denver	North Carolina	North Carolina DENR	4	358
TestAmerica Denver	North Dakota	State Program	8	R-034
TestAmerica Denver	Oklahoma	State Program	6	8614
TestAmerica Denver	Oregon	NELAC	10	CO200001
TestAmerica Denver	Pennsylvania	NELAC	3	68-00664
TestAmerica Denver	South Carolina	State Program	4	72002
TestAmerica Denver	Tennessee	State Program	4	TN02944
TestAmerica Denver	Texas	NELAC	6	T104704183-08-TX
TestAmerica Denver	USDA	USDA		P330-08-00036
TestAmerica Denver	Utah	NELAC	8	QUAN5
TestAmerica Denver	Washington	State Program	10	C1284
TestAmerica Denver	West Virginia	West Virginia DEP	3	354
TestAmerica Denver	Wisconsin	State Program	5	999615430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP1 ID: 0.32 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	DCB1 #
SMCSD0401HA	280-20041-1	97	79
SMCSD0401HC	280-20041-2	100	84
SMCSD0501HA	280-20041-3	46 Q	87
	MB 280-86062/1-A	104	110
	LCS 280-86062/27-A	97	104

	QC LIMITS
TCX = Tetrachloro-m-xylene	53-128
DCB = DCB Decachlorobiphenyl	60-125

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 090F9001.D

Lab ID: LCS 280-86062/27-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	63.3	52.3	83	40-140	
PCB-1260	63.3	62.7	99	60-130	

Column to be used to flag recovery and RPD values

FORM III 8082

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Date Extracted: 09/14/2011 21:25

Lab File ID:(1) 068F6801.D Lab File ID:(2)

Date Analyzed:(1) 09/21/2011 21:53 Date Analyzed:(2)

Instrument ID:(1) GCS_W Instrument ID:(2)

GC Column:(1) CLP1 ID: 0.32(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
SMCSD0401HA	280-20041-1	09/22/2011 02:40	
SMCSD0401HC	280-20041-2	09/22/2011 03:11	
SMCSD0501HA	280-20041-3	09/22/2011 03:43	
	LCS 280-86062/27-A	09/22/2011 09:34	

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Sample No.: CCVRT 280-87305/1 Date Analyzed: 09/20/2011 11:26

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm)

Lab File ID (Standard): 003F0301.D Heated Purge: (Y/N) N

Calibration ID: 7177

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				5.79	19.35	
UPPER LIMIT				5.82	19.38	
LOWER LIMIT				5.76	19.32	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 280-87305/1		09/20/2011 11:26	003F0301.D	5.79	19.35	
CCV 280-87305/13		09/21/2011 17:39	060F6001.D	5.79	19.35	
MB 280-86062/1-A		09/21/2011 21:53	068F6801.D	5.79	19.35	
CCV 280-87305/23		09/21/2011 22:57	070F7001.D	5.79	19.35	
280-20041-1	SMCSD0401HA	09/22/2011 02:40	077F7701.D	5.79	19.35	
280-20041-2	SMCSD0401HC	09/22/2011 03:11	078F7801.D	5.79	19.35	
280-20041-3	SMCSD0501HA	09/22/2011 03:43	079F7901.D	5.78	19.35	
CCV 280-87305/34		09/22/2011 04:47	081F8101.D	5.79	19.35	
LCS 280-86062/27-A		09/22/2011 09:34	090F9001.D	5.79	19.35	
CCV 280-87305/44		09/22/2011 10:05	091F9101.D	5.79	19.35	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8082

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 280-86062/27-A

Instrument ID (1): GCS_W Instrument ID (2):

Date Analyzed (1): 09/22/2011 09:34 Date Analyzed (2):

GC Column (1): CLP1 ID: 0.32(mm) GC Column (2): ID:

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	6.91	6.71	7.11	64.0	52.3	
		2	7.89	7.69	8.09	60.2		
		3	9.43	9.23	9.63	36.3		
		4	10.47	10.27	10.67	58.4		
		5	12.04	11.85	12.25	42.9		
PCB-1260	1	1	13.40	13.20	13.60	65.8	62.7	
		2	14.05	13.86	14.26	51.8		
		3	14.68	14.49	14.89	56.9		
		4	16.23	16.04	16.44	73.5		
		5	16.85	16.66	17.06	65.3		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Client Sample ID: SMCSD0401HA Lab Sample ID: 280-20041-1

Matrix: Solid Lab File ID: 077F7701.D

Analysis Method: 8082 Date Collected: 09/06/2011 15:00

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.8(g) Date Analyzed: 09/22/2011 02:40

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 18.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	39	12	6.1
11104-28-2	PCB-1221	24	U	39	24	19
11141-16-5	PCB-1232	12	U	39	12	6.1
53469-21-9	PCB-1242	12	U	39	12	11
12672-29-6	PCB-1248	12	U	39	12	6.7
11097-69-1	PCB-1254	12	U	39	12	6.6
11096-82-5	PCB-1260	12	U	39	12	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		60-125
877-09-8	Tetrachloro-m-xylene	97		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\077F7701.D
Lab Smp Id: 280-20041-A-1-A Client Smp ID: SMCSD0401HA
Inj Date : 22-SEP-2011 02:40
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984740,04101
Misc Info : 280-20041-A-1-A
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 77
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	32.500	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.793	5.790	0.003	148943	19.3962	5.9681		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

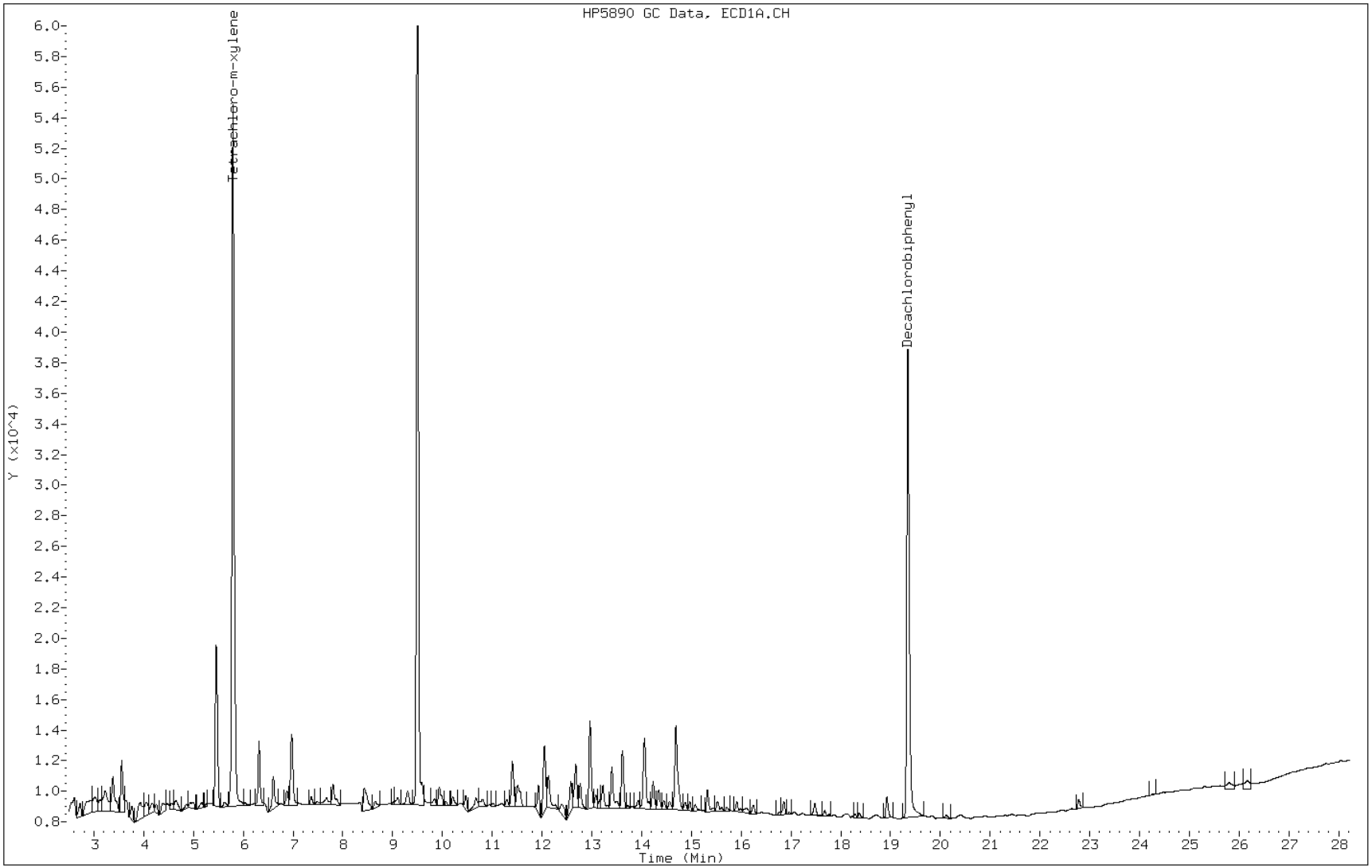
19.346	19.350	-0.004	109636	15.8921	4.8899		

Data File: 077F7701.D

Date: 22-SEP-2011 02:40

Client ID: SMCSD0401HA Instrument: GC_W.i

Sample Info: 280-984740,04101 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20041-1

SDG No.:

Client Sample ID: SMCSD0401HC | Lab Sample ID: 280-20041-2

Matrix: Solid | Lab File ID: 078F7801.D

Analysis Method: 8082 | Date Collected: 09/06/2011 15:00

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.0(g) | Date Analyzed: 09/22/2011 03:11

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: 21.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	12	U	41	12	6.3
11104-28-2	PCB-1221	25	U	41	25	19
11141-16-5	PCB-1232	12	U	41	12	6.3
53469-21-9	PCB-1242	12	U	41	12	11
12672-29-6	PCB-1248	12	U	41	12	6.9
11097-69-1	PCB-1254	12	U	41	12	6.8
11096-82-5	PCB-1260	12	U	41	12	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		60-125
877-09-8	Tetrachloro-m-xylene	100		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\078F7801.D
Lab Smp Id: 280-20041-A-2-B Client Smp ID: SMCSD0401HC
Inj Date : 22-SEP-2011 03:11
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984785,04102
Misc Info : 280-20041-A-2-B
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 78
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.800	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Operator disabled compound identification.

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.790	5.790	0.000	152956	19.9648	6.4821		

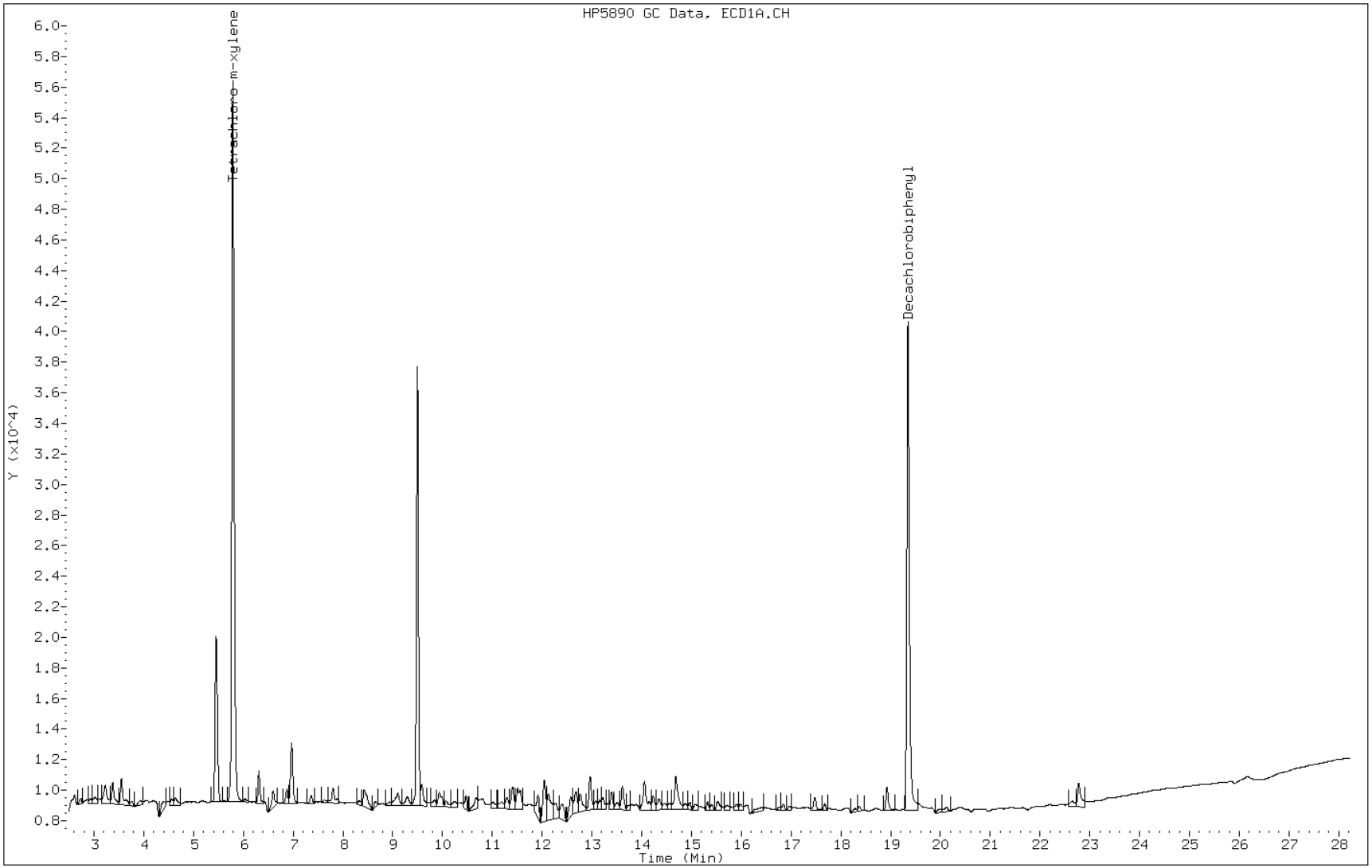
$ 13 Decachlorobiphenyl						CAS #: 2051-24-3	
19.346	19.350	-0.004	114769	16.7324	5.4326		

Data File: 078F7801.D

Date: 22-SEP-2011 03:11

Client ID: SMCSD0401HC Instrument: GC_W.i

Sample Info: 280-984785,04102 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Client Sample ID: SMCSD0501HA Lab Sample ID: 280-20041-3

Matrix: Solid Lab File ID: 079F7901.D

Analysis Method: 8082 Date Collected: 09/06/2011 14:45

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 32.1(g) Date Analyzed: 09/22/2011 03:43

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: 25.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	13	U Q	41	13	6.4
11104-28-2	PCB-1221	25	U Q	41	25	20
11141-16-5	PCB-1232	13	U Q	41	13	6.4
53469-21-9	PCB-1242	13	U Q	41	13	11
12672-29-6	PCB-1248	13	U Q	41	13	7.0
11097-69-1	PCB-1254	13	U Q	41	13	6.9
11096-82-5	PCB-1260	13	U Q	41	13	3.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		60-125
877-09-8	Tetrachloro-m-xylene	46	Q	53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\079F7901.D
Lab Smp Id: 280-20041-A-3-B Client Smp ID: SMCSD0501HA
Inj Date : 22-SEP-2011 03:43
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984786,04103
Misc Info : 280-20041-A-3-B
Comment   :
Method   : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 79
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.000	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		

Operator disabled compound identification.

---

6 Aroclor-1254					CAS #: 11097-69-1		

Operator disabled compound identification.

---

7 Aroclor-1260					CAS #: 11096-82-5		

Operator disabled compound identification.

---

8 Aroclor-1268					CAS #:		

Operator disabled compound identification.

---

9 Aroclor-1262					CAS #:		

Operator disabled compound identification.

$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.780	5.790	-0.010	77490	9.27290	2.9912		(R)

$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.346	19.350	-0.004	118683	17.3732	5.6042		

QC Flag Legend

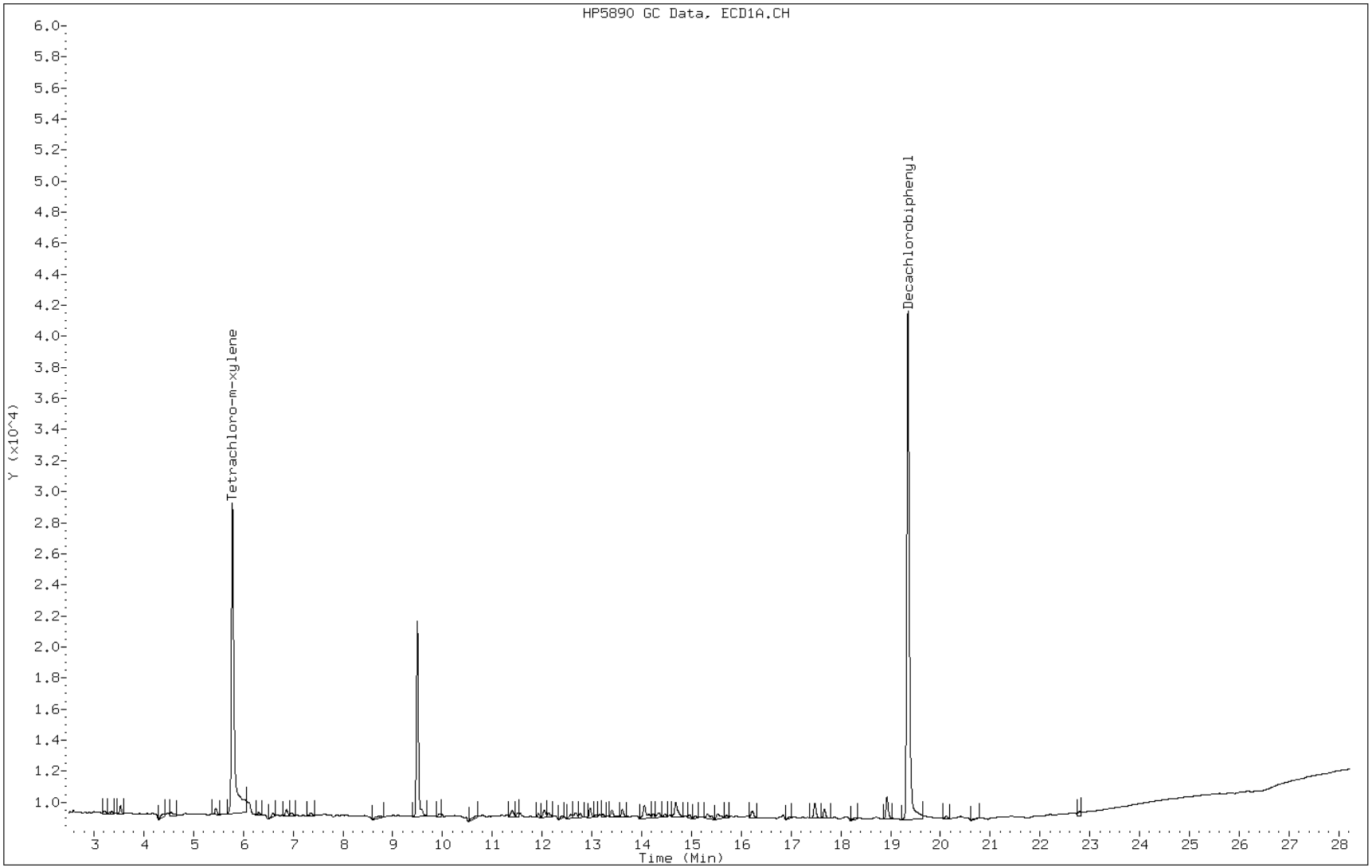
R - Spike/Surrogate failed recovery limits.

Data File: 079F7901.D

Date: 22-SEP-2011 03:43

Client ID: SMCSD0501HA Instrument: GC_W.i

Sample Info: 280-984786,04103 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1248 Peak 1	7.887	7.887	7.887	7.887	7.890	7.890	7.917				7.690 - 8.090	7.892
PCB-1248 Peak 2	11.510	11.510	11.510	11.507	11.507	11.510	11.533				11.307 - 11.707	11.512
PCB-1248 Peak 3	11.563	11.563	11.560	11.560	11.560	11.567	11.587				11.360 - 11.760	11.566
PCB-1248 Peak 4	12.033	12.033	12.033	12.033	12.033	12.037	12.057				11.833 - 12.233	12.037
PCB-1248 Peak 5	13.620	13.620	13.620	13.620	13.620	13.623	13.643				13.420 - 13.820	13.624

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1248 Peak 1	245.40 149.67	210.34 132.15	188.97 126.59	166.75	Lin	-51.774625	124.373549							0.9933		0.9900
PCB-1248 Peak 2	446.24 280.48	396.96 256.62	360.22 239.77	313.96	Lin	-49.761615	237.484724							0.9938		0.9900
PCB-1248 Peak 3	475.68 301.31	419.38 278.42	385.89 252.60	333.68	Lin	-50.314376	253.346274							0.9915		0.9900
PCB-1248 Peak 4	420.24 268.23	373.30 247.40	338.98 227.83	298.28	Lin	-48.415302	227.326515							0.9930		0.9900
PCB-1248 Peak 5	241.52 138.33	199.00 128.35	167.71 117.34	150.63	Lin	-48.025101	117.290067							0.9934		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 12:17 Calibration End Date: 09/19/2011 15:28 Calibration ID: 7175

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/7	007F0701.D
Level 2	IC 280-86911/6	006F0601.D
Level 3	IC 280-86911/5	005F0501.D
Level 4	IC 280-86911/4	004F0401.D
Level 5	IC 280-86911/3	003F0301.D
Level 6	IC 280-86911/2	002F0201.D
Level 7	IC 280-86911/1	001F0101.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1248 Peak 1	Lin	6135 99113	10517 126588	18897	41688	74837	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 2	Lin	11156 192467	19848 239772	36022	78491	140239	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 3	Lin	11892 208812	20969 252595	38589	83420	150653	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 4	Lin	10506 185553	18665 227834	33898	74570	134115	25.0 750	50.0 1000	100	250	500
PCB-1248 Peak 5	Lin	6038 96259	9950 117339	16771	37658	69166	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\001F0101.D
Lab Smp Id: IC-900845
Inj Date : 19-SEP-2011 12:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900845,1248-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:07 Cal File: 029F2901.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

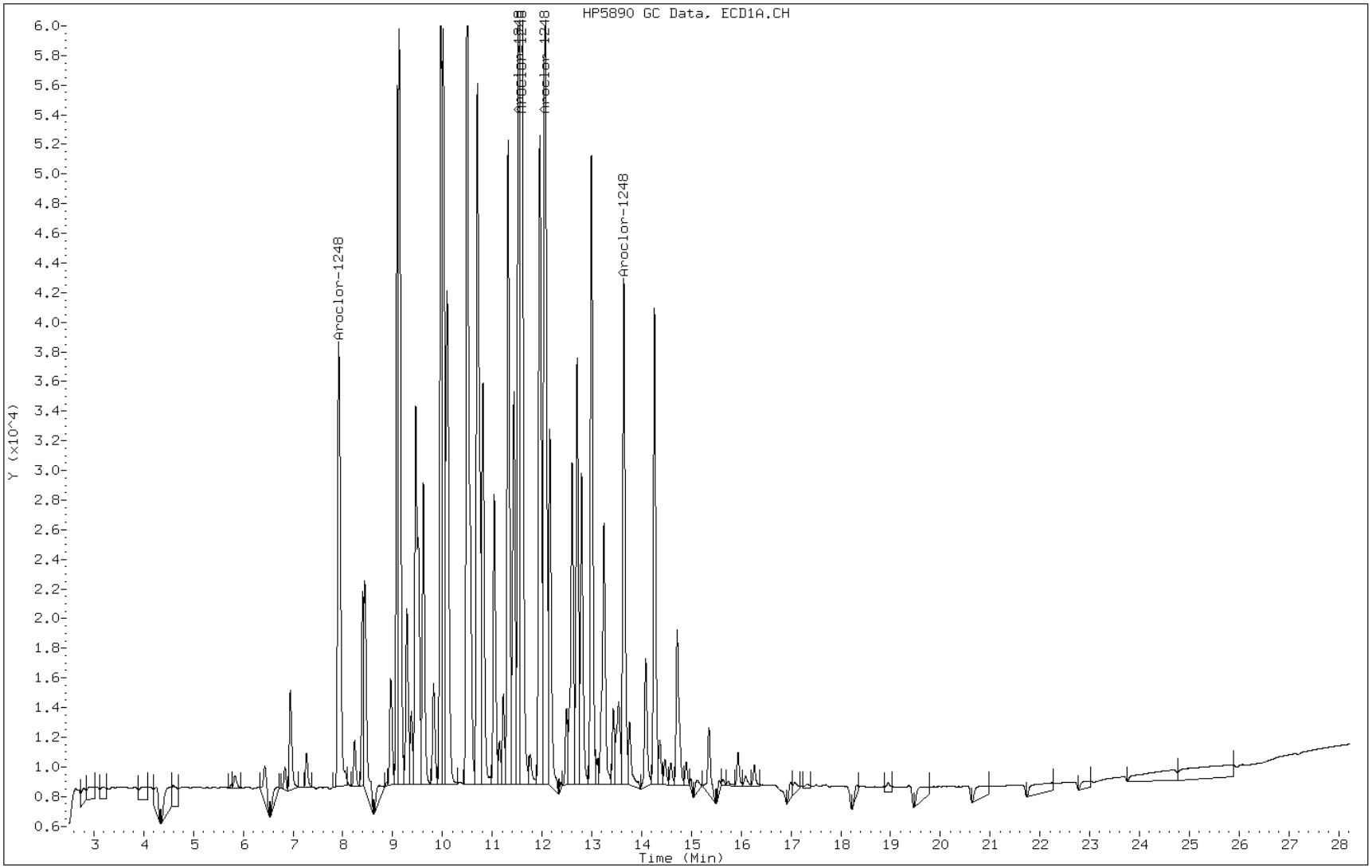
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.916	7.890	0.026	126588	1000.00	966.0	50.00- 150.00	100.00
11.533	11.506	0.027	239772	1000.00	838.6	41.73- 125.19	189.41
11.586	11.560	0.026	252595	1000.00	946.7	16.31- 48.91	199.54
12.056	12.033	0.023	227834	1000.00	1074	16.50- 49.50	179.98
13.643	13.620	0.023	117339	1000.00	952.4	11.54- 34.62	92.69
Average of Peak Amounts =					955.540		

Data File: 001F0101.D

Date: 19-SEP-2011 12:17

Client ID: Instrument: GC_W.i

Sample Info: IC-900845,1248-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\002F0201.D
Lab Smp Id: IC-900846
Inj Date : 19-SEP-2011 12:49
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900846,1248-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:39 Cal File: 030F3001.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

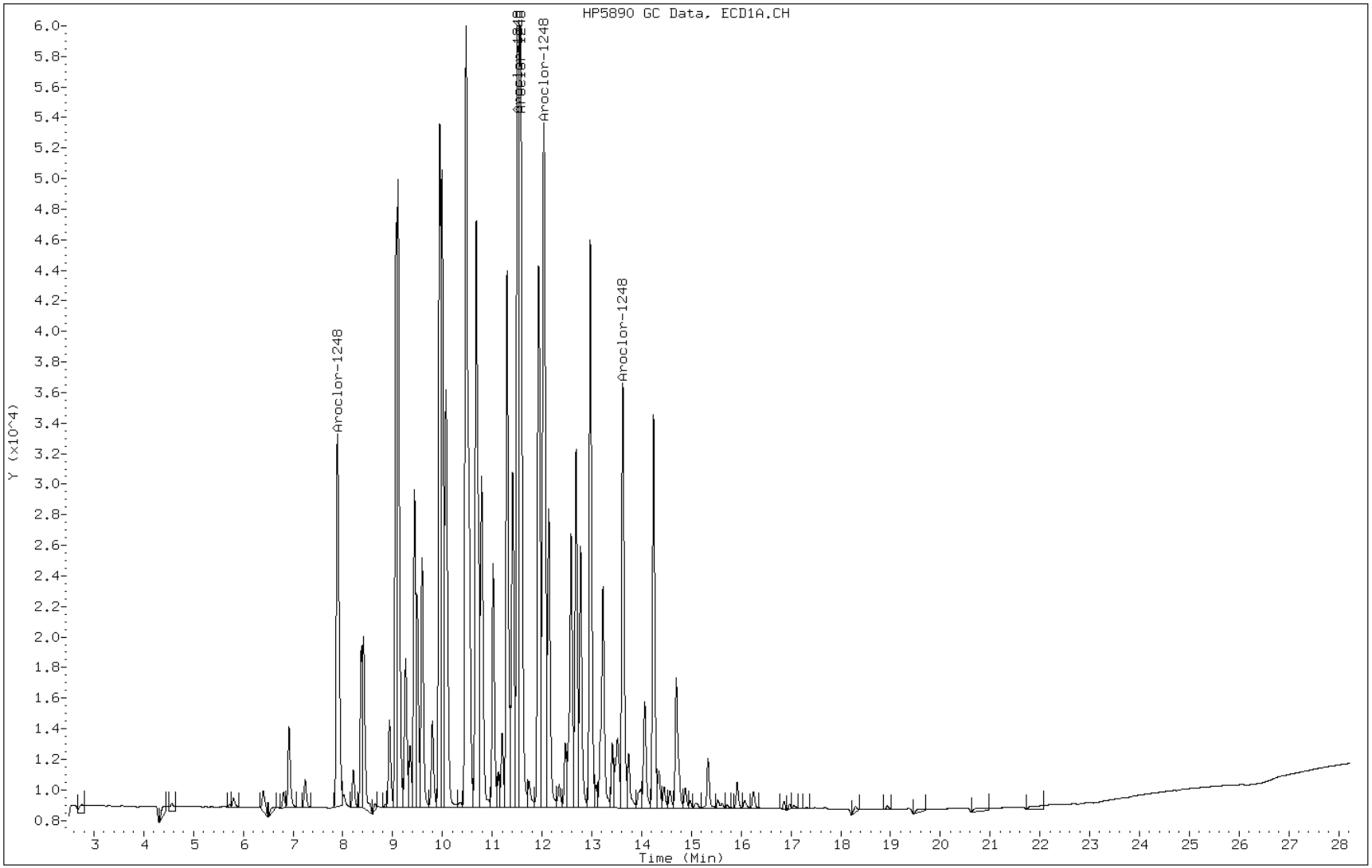
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.890	7.890	0.000	99113	750.000	745.1	50.00- 150.00	100.00
11.510	11.506	0.004	192467	750.000	720.0	41.73- 125.19	194.19
11.566	11.560	0.006	208812	750.000	773.9	16.31- 48.91	210.68
12.036	12.033	0.003	185553	750.000	798.4	16.50- 49.50	187.21
13.623	13.620	0.003	96259	750.000	772.7	11.54- 34.62	97.12
Average of Peak Amounts =					762.020		

Data File: 002F0201.D

Date: 19-SEP-2011 12:49

Client ID: Instrument: GC_W.i

Sample Info: IC-900846,1248-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\003F0301.D
Lab Smp Id: IC-900848
Inj Date : 19-SEP-2011 13:21
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900848,1248-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None

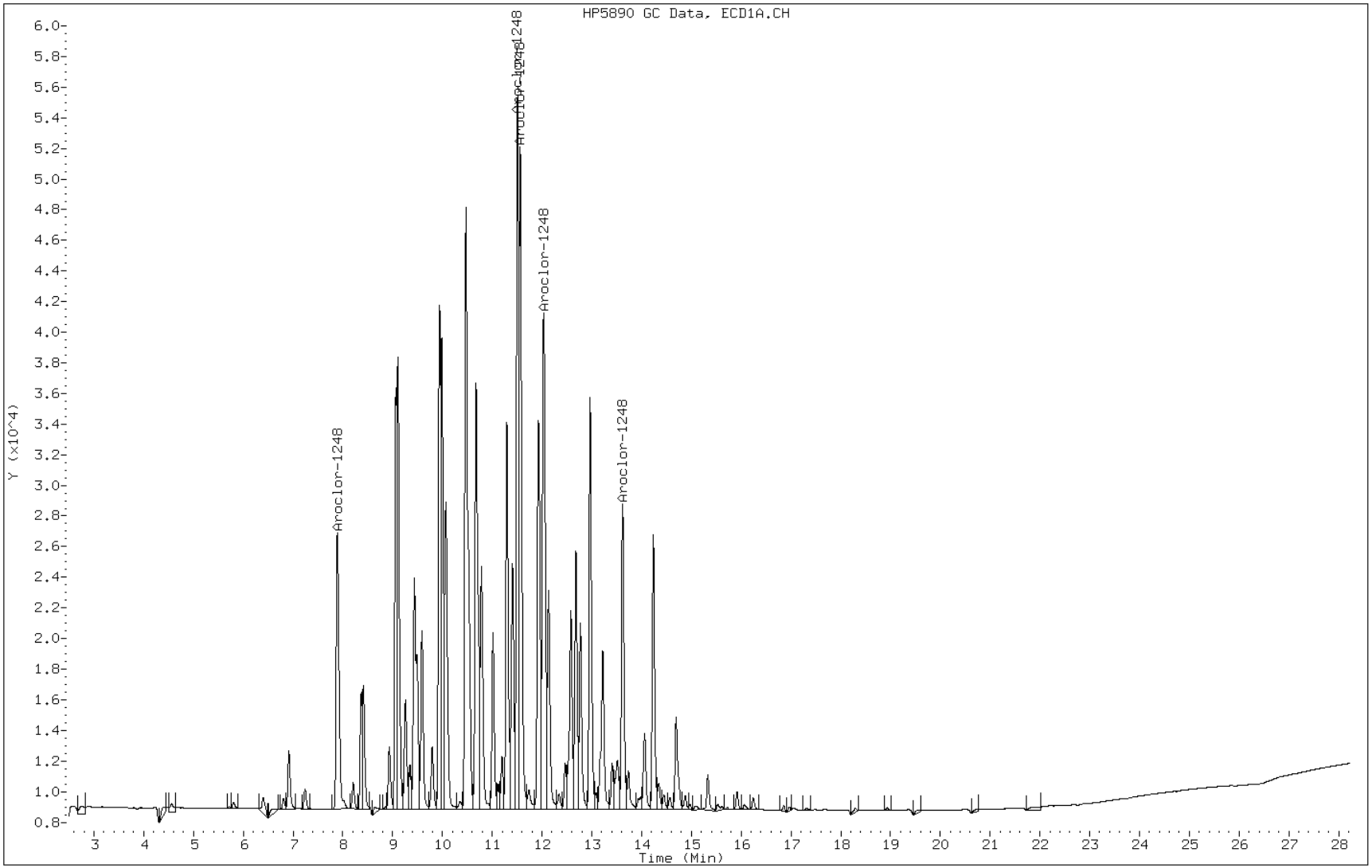
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.890	7.890	0.000	74837	500.000	549.9	50.00- 150.00	100.00
11.506	11.506	0.000	140239	500.000	540.8	41.73- 125.19	187.39
11.560	11.560	0.000	150653	500.000	544.3	16.31- 48.91	201.31
12.033	12.033	0.000	134115	500.000	541.6	16.50- 49.50	179.21
13.620	13.620	0.000	69166	500.000	541.7	11.54- 34.62	92.42
Average of Peak Amounts =					543.660		

Data File: 003F0301.D

Date: 19-SEP-2011 13:21

Client ID: Instrument: GC_W.i

Sample Info: IC-900848,1248-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\004F0401.D
Lab Smp Id: IC-900849
Inj Date : 19-SEP-2011 13:52
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900849,1248-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:42 Cal File: 032F3201.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

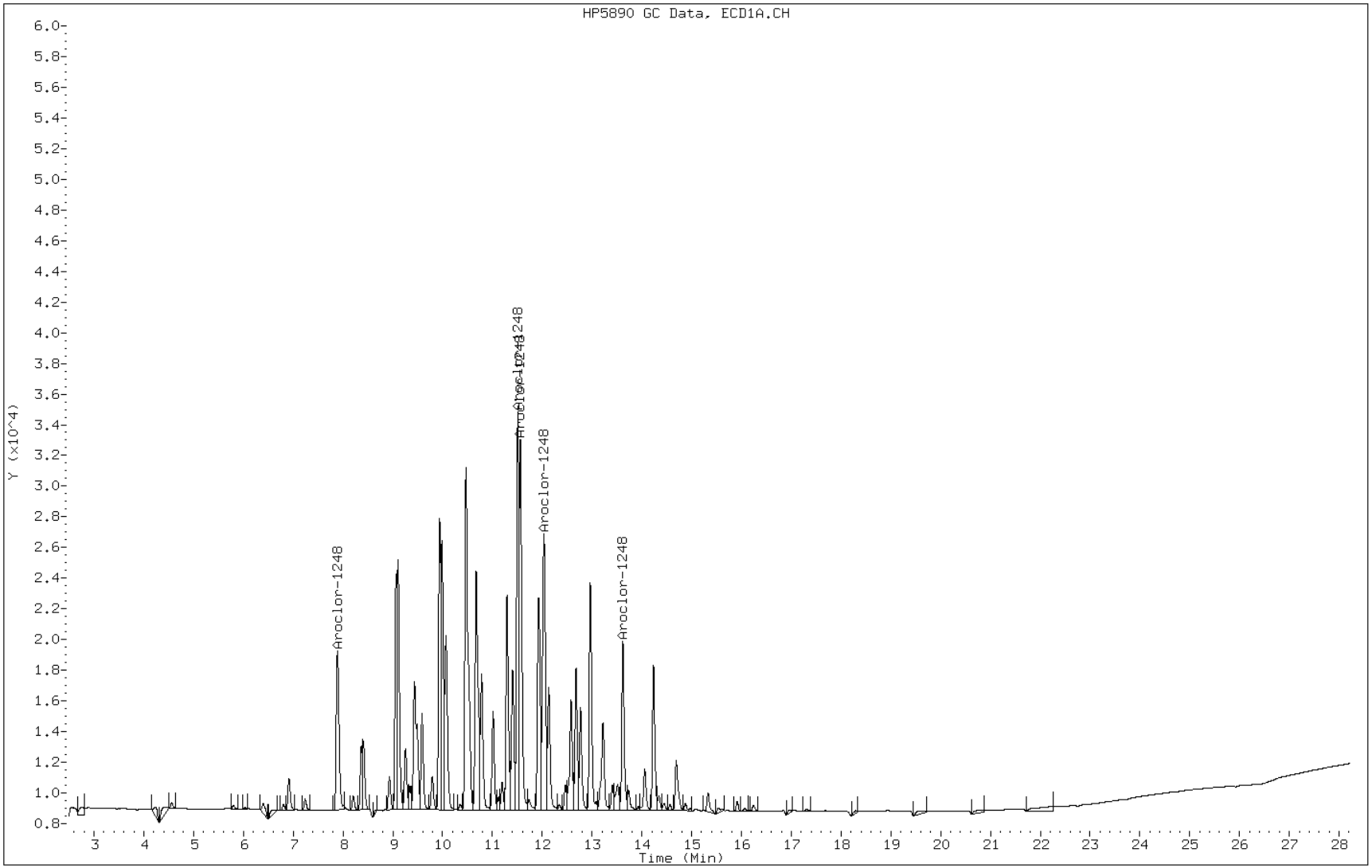
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	41688	250.000	283.4	50.00- 150.00	100.00
11.506	11.506	0.000	78491	250.000	269.7	41.73- 125.19	188.28
11.560	11.560	0.000	83420	250.000	279.0	16.31- 48.91	200.10
12.033	12.033	0.000	74570	250.000	296.6	16.50- 49.50	178.88
13.620	13.620	0.000	37658	250.000	273.0	11.54- 34.62	90.33
Average of Peak Amounts =					280.340		

Data File: 004F0401.D

Date: 19-SEP-2011 13:52

Client ID: Instrument: GC_W.i

Sample Info: IC-900849,1248-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\005F0501.D
Lab Smp Id: IC-900852
Inj Date : 19-SEP-2011 14:24
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900852,1248-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:14 Cal File: 033F3301.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

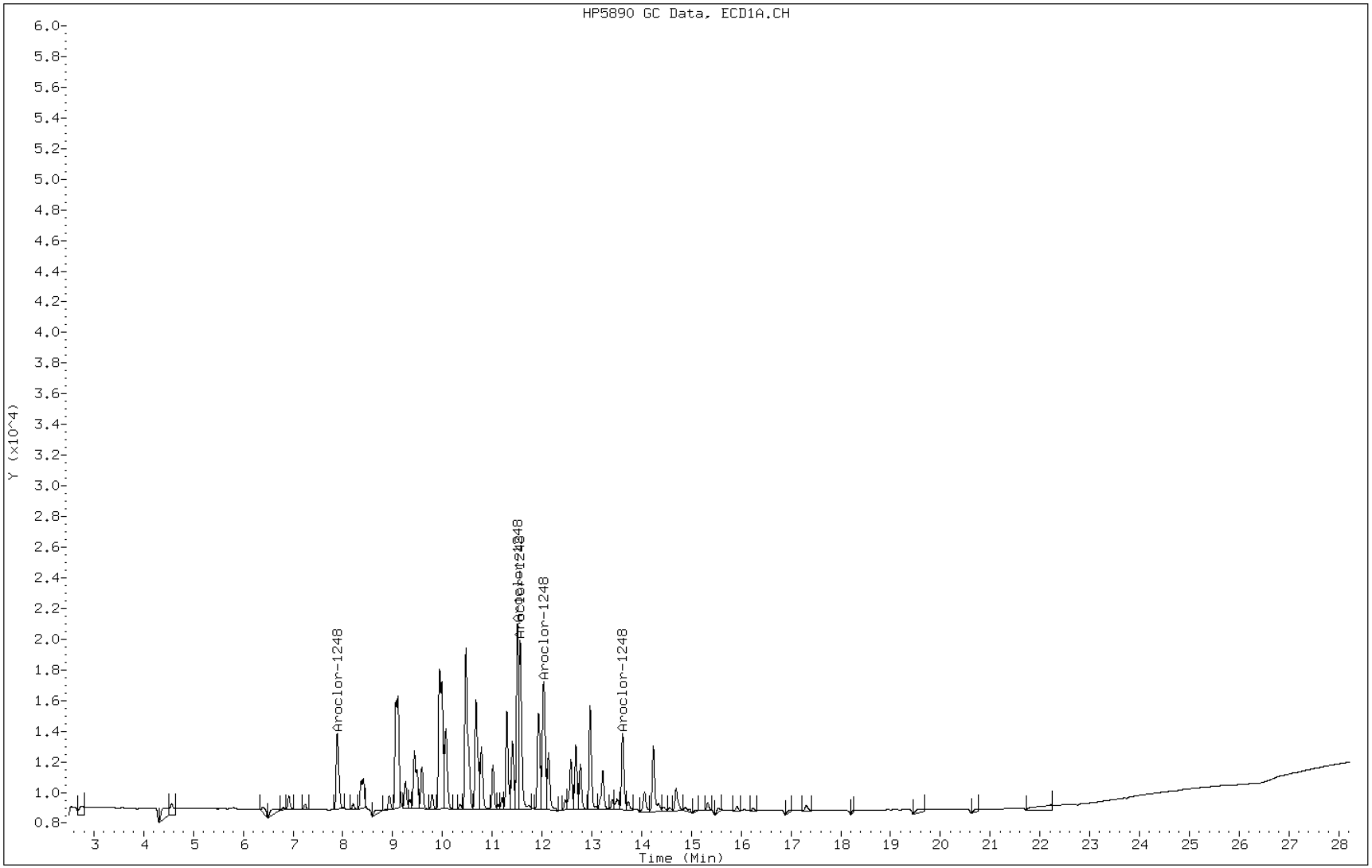
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	18897	100.000	100.2	50.00- 150.00	100.00
11.510	11.506	0.004	36022	100.000	95.07	41.73- 125.19	190.62
11.560	11.560	0.000	38589	100.000	102.0	16.31- 48.91	204.20
12.033	12.033	0.000	33898	100.000	112.7	16.50- 49.50	179.38
13.620	13.620	0.000	16771	100.000	94.96	11.54- 34.62	88.75
Average of Peak Amounts =					100.986		

Data File: 005F0501.D

Date: 19-SEP-2011 14:24

Client ID: Instrument: GC_W.i

Sample Info: IC-900852,1248-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\006F0601.D
Lab Smp Id: IC-900856
Inj Date : 19-SEP-2011 14:56
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900856,1248-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:46 Cal File: 034F3401.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

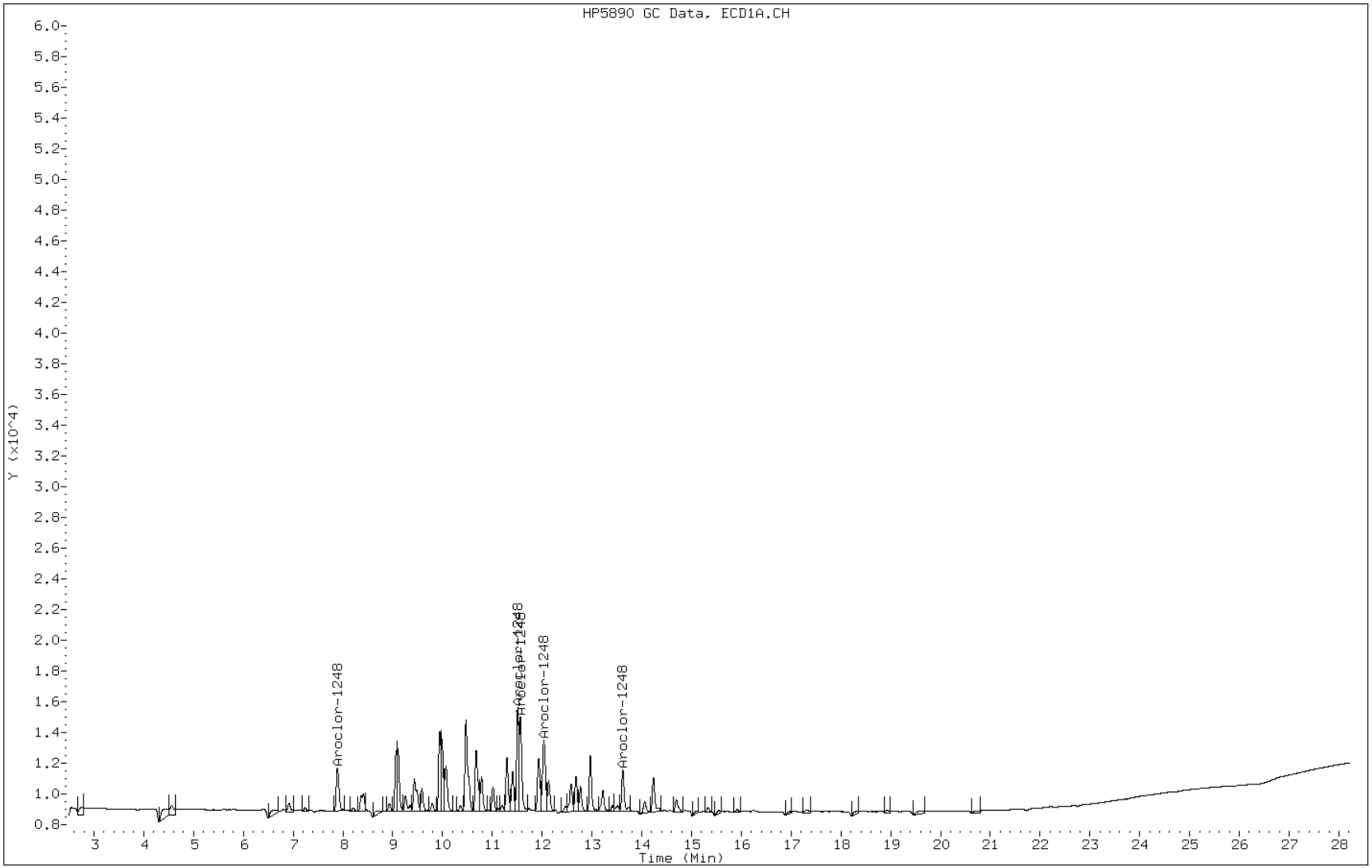
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	10517	50.0000	32.78	50.00- 150.00	100.00
11.510	11.506	0.004	19848	50.0000	31.52	41.73- 125.19	188.72
11.563	11.560	0.003	20969	50.0000	32.45	16.31- 48.91	199.39
12.033	12.033	0.000	18665	50.0000	38.36	16.50- 49.50	177.47
13.620	13.620	0.000	9950	50.0000	36.81	11.54- 34.62	94.61
Average of Peak Amounts =					34.3840		

Data File: 006F0601.D

Date: 19-SEP-2011 14:56

Client ID: Instrument: GC_W.i

Sample Info: IC-900856,1248-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\007F0701.D
Lab Smp Id: IC-900858
Inj Date : 19-SEP-2011 15:28
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900858,1248-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

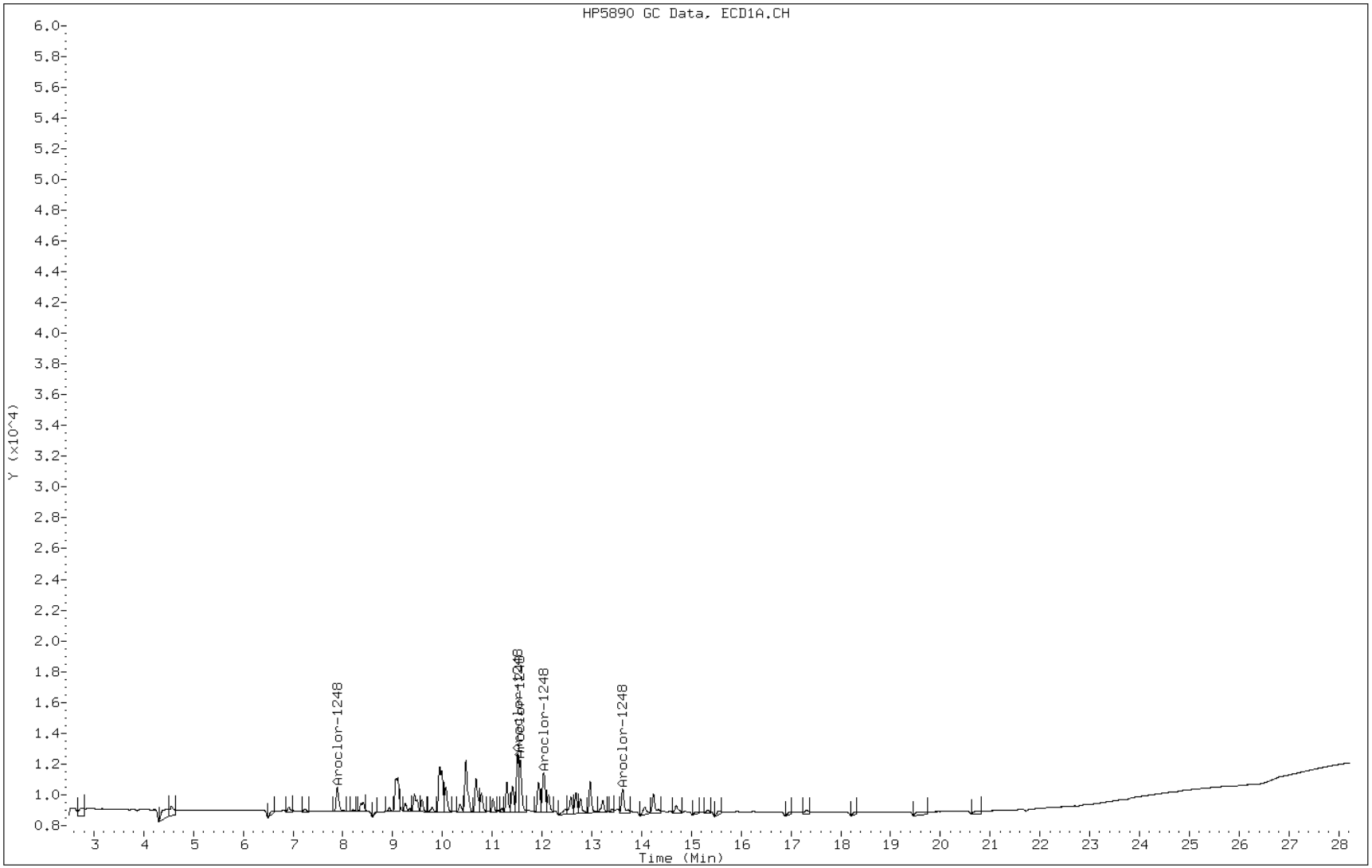
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.886	7.890	-0.004	6135	25.0000	-2.4474	50.00- 150.00	100.00
11.510	11.506	0.004	11156	25.0000	-2.7860	41.73- 125.19	181.84
11.563	11.560	0.003	11892	25.0000	-3.3747	16.31- 48.91	193.83
12.033	12.033	0.000	10506	25.0000	-2.1998	16.50- 49.50	171.24
13.620	13.620	0.000	6038	25.0000	3.4541	11.54- 34.62	98.42
		Average of Peak Amounts =			-1.4708		

Data File: 007F0701.D

Date: 19-SEP-2011 15:28

Client ID: Instrument: GC_W.i

Sample Info: IC-900858,1248-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1221 Peak 1	6.393	6.393	6.397	6.393	6.393	6.393	6.393				6.193 - 6.593	6.394
PCB-1221 Peak 2	6.807	6.803	6.807	6.803	6.803	6.803	6.803				6.603 - 7.003	6.804
PCB-1221 Peak 3	6.913	6.913	6.913	6.910	6.910	6.910	6.910				6.710 - 7.110	6.911
PCB-1254 Peak 1	11.407	11.407	11.410	11.407	11.407	11.407	11.407				11.207 - 11.607	11.407
PCB-1254 Peak 2	12.050	12.047	12.050	12.047	12.047	12.047	12.047				11.847 - 12.247	12.048
PCB-1254 Peak 3	12.967	12.967	12.967	12.963	12.963	12.963	12.963				12.763 - 13.163	12.965
PCB-1254 Peak 4	14.060	14.060	14.060	14.057	14.057	14.057	14.057				13.857 - 14.257	14.058
PCB-1254 Peak 5	14.693	14.690	14.693	14.690	14.690	14.690	14.690				14.490 - 14.890	14.691

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1221 Peak 1	211.68 105.52	178.54 95.579	141.65 89.328	125.10	Lin	-66.815804	87.0041924							0.9928		0.9900
PCB-1221 Peak 2	107.88 69.832	98.000 63.500	89.900 59.059	77.552	Lin	-50.311763	58.6601599							0.9929		0.9900
PCB-1221 Peak 3	378.76 226.05	342.26 204.37	307.74 189.66	259.55	Lin	-59.668034	186.960404							0.9918		0.9900
PCB-1254 Peak 1	491.00 284.59	444.48 258.89	387.68 242.94	325.92	Lin	-58.438056	238.044811							0.9937		0.9900
PCB-1254 Peak 2	613.40 367.39	570.96 333.85	498.43 312.43	420.59	Lin	-58.040433	306.817319							0.9933		0.9900
PCB-1254 Peak 3	706.84 472.64	676.74 432.32	611.46 408.17	526.57	Lin	-47.813935	403.041164							0.9946		0.9900
PCB-1254 Peak 4	589.88 368.08	539.34 335.51	482.88 316.70	416.35	Lin	-51.680025	311.670644							0.9943		0.9900
PCB-1254 Peak 5	755.00 500.57	707.38 460.67	635.67 435.12	558.70	Lin	-45.826808	430.065862							0.9951		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 16:00 Calibration End Date: 09/19/2011 19:11 Calibration ID: 7176

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/14	014F1401.D
Level 2	IC 280-86911/13	013F1301.D
Level 3	IC 280-86911/12	012F1201.D
Level 4	IC 280-86911/11	011F1101.D
Level 5	IC 280-86911/10	010F1001.D
Level 6	IC 280-86911/9	009F0901.D
Level 7	IC 280-86911/8	008F0801.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1221 Peak 1	Lin	5292 71684	8927 89328	14165	31275	52758	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 2	Lin	2697 47625	4900 59059	8990	19388	34916	25.0 750	50.0 1000	100	250	500
PCB-1221 Peak 3	Lin	9469 153279	17113 189660	30774	64888	113025	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 1	Lin	12275 194167	22224 242936	38768	81480	142296	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 2	Lin	15335 250390	28548 312433	49843	105148	183694	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 3	Lin	17671 324242	33837 408172	61146	131642	236322	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 4	Lin	14747 251635	26967 316704	48288	104088	184040	25.0 750	50.0 1000	100	250	500
PCB-1254 Peak 5	Lin	18875 345500	35369 435117	63567	139675	250283	25.0 750	50.0 1000	100	250	500

Curve Type Legend:

Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\008F0801.D
Lab Smp Id: IC-900864
Inj Date : 19-SEP-2011 16:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900864,2154-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

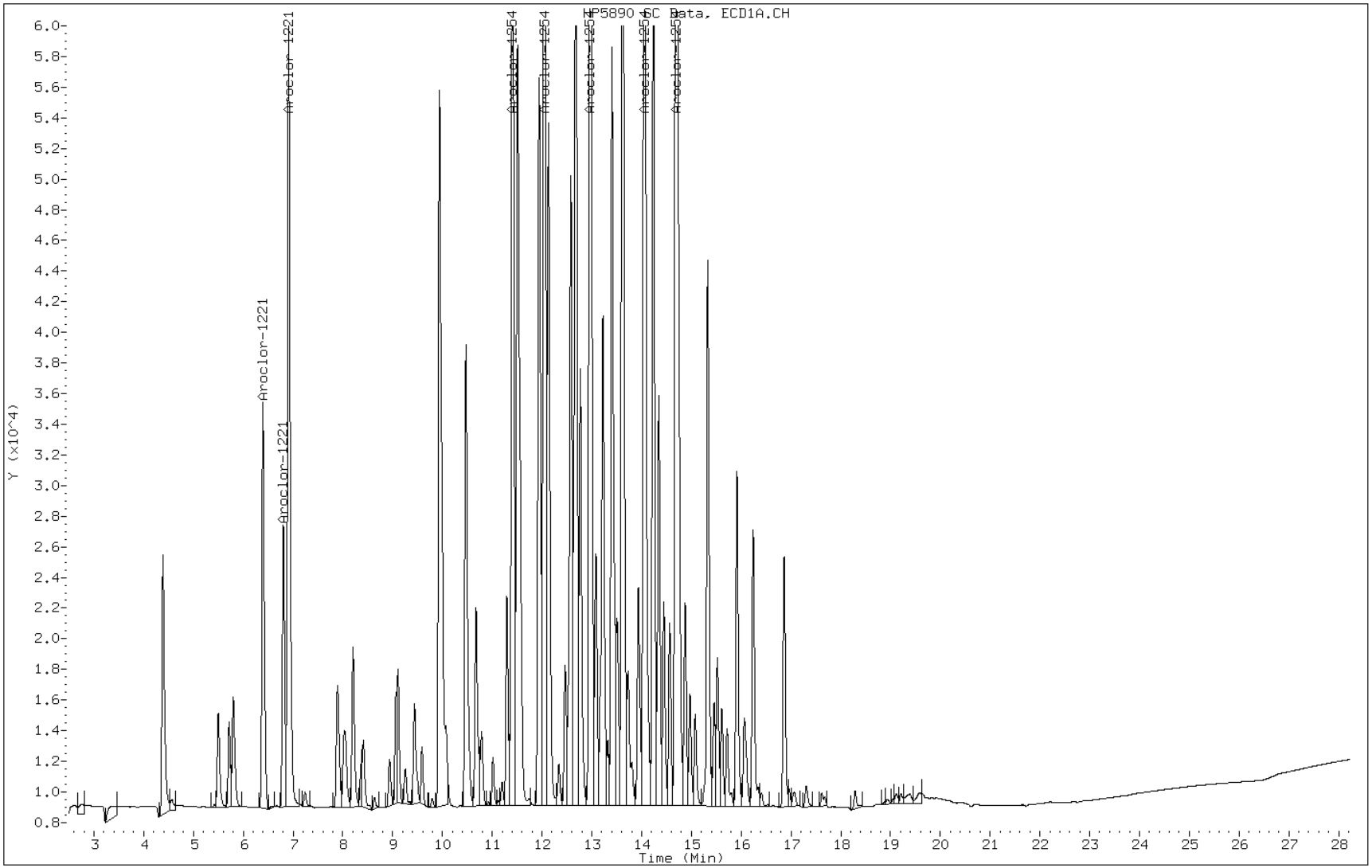
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	89328	1000.00	1007	50.00- 150.00	100.00
6.803	6.803	0.000	59059	1000.00	999.8	55.26- 165.78	66.11
6.910	6.910	0.000	189660	1000.00	994.0	317.01- 951.03	212.32
		Average of Peak Amounts =			1000.27		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	242936	1000.00	1008	50.00- 150.00	100.00
12.046	12.046	0.000	312433	1000.00	1000	11.81- 35.43	128.61
12.963	12.963	0.000	408172	1000.00	999.8	38.91- 116.75	168.02
14.056	14.056	0.000	316704	1000.00	998.1	305.32- 915.96	130.37
14.690	14.690	0.000	435117	1000.00	999.4	12.43- 37.29	179.11
		Average of Peak Amounts =			1001.06		

Data File: 008F0801.D

Date: 19-SEP-2011 16:00

Client ID: Instrument: GC_W.i

Sample Info: IC-900864,2154-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\009F0901.D
Lab Smp Id: IC-900865
Inj Date : 19-SEP-2011 16:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900865,2154-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

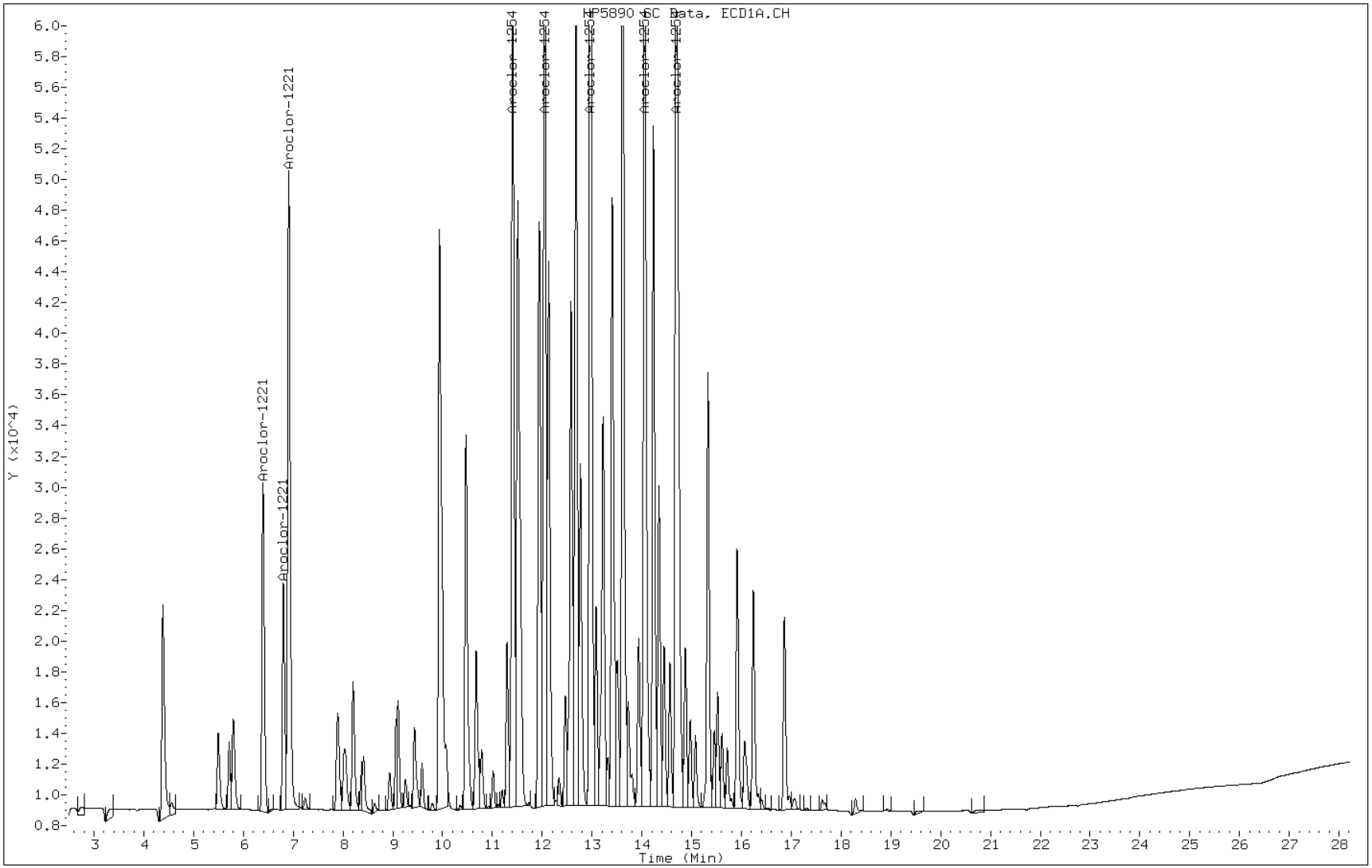
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	71684	750.000	775.5	50.00- 150.00	100.00
6.803	6.803	0.000	47625	750.000	776.2	55.26- 165.78	66.44
6.910	6.910	0.000	153279	750.000	774.4	317.01- 951.03	213.82
		Average of Peak Amounts =			775.367		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	194167	750.000	774.5	50.00- 150.00	100.00
12.046	12.046	0.000	250390	750.000	773.1	11.81- 35.43	128.96
12.963	12.963	0.000	324242	750.000	770.6	38.91- 116.75	166.99
14.056	14.056	0.000	251635	750.000	768.9	305.32- 915.96	129.60
14.690	14.690	0.000	345500	750.000	770.3	12.43- 37.29	177.94
		Average of Peak Amounts =			771.480		

Data File: 009F0901.D

Date: 19-SEP-2011 16:32

Client ID: Instrument: GC_W.i

Sample Info: IC-900865,2154-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\010F1001.D
Lab Smp Id: IC-900866
Inj Date : 19-SEP-2011 17:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900866,2154-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None

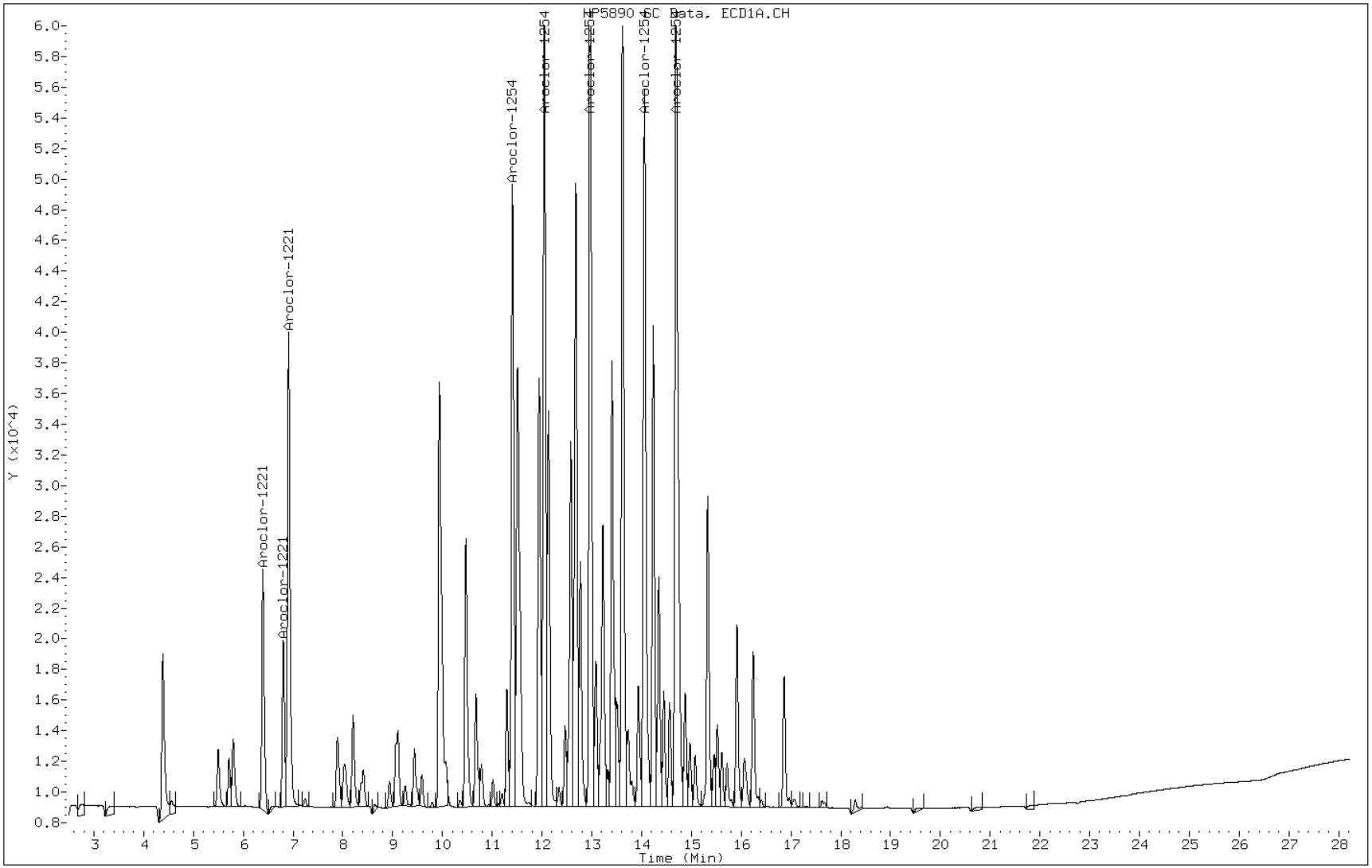
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	52758	500.000	539.6	50.00- 150.00	100.00
6.803	6.803	0.000	34916	500.000	544.9	55.26- 165.78	66.18
6.910	6.910	0.000	113025	500.000	544.9	317.01- 951.03	214.23
		Average of Peak Amounts =			543.133		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	142296	500.000	539.3	50.00- 150.00	100.00
12.046	12.046	0.000	183694	500.000	540.7	11.81- 35.43	129.09
12.963	12.963	0.000	236322	500.000	538.5	38.91- 116.75	166.08
14.056	14.056	0.000	184040	500.000	538.8	305.32- 915.96	129.34
14.690	14.690	0.000	250283	500.000	536.1	12.43- 37.29	175.89
		Average of Peak Amounts =			538.680		

Data File: 010F1001.D

Date: 19-SEP-2011 17:04

Client ID: Instrument: GC_W.i

Sample Info: IC-900866,2154-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\011F1101.D
Lab Smp Id: IC-900867
Inj Date : 19-SEP-2011 17:35
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900867,2154-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

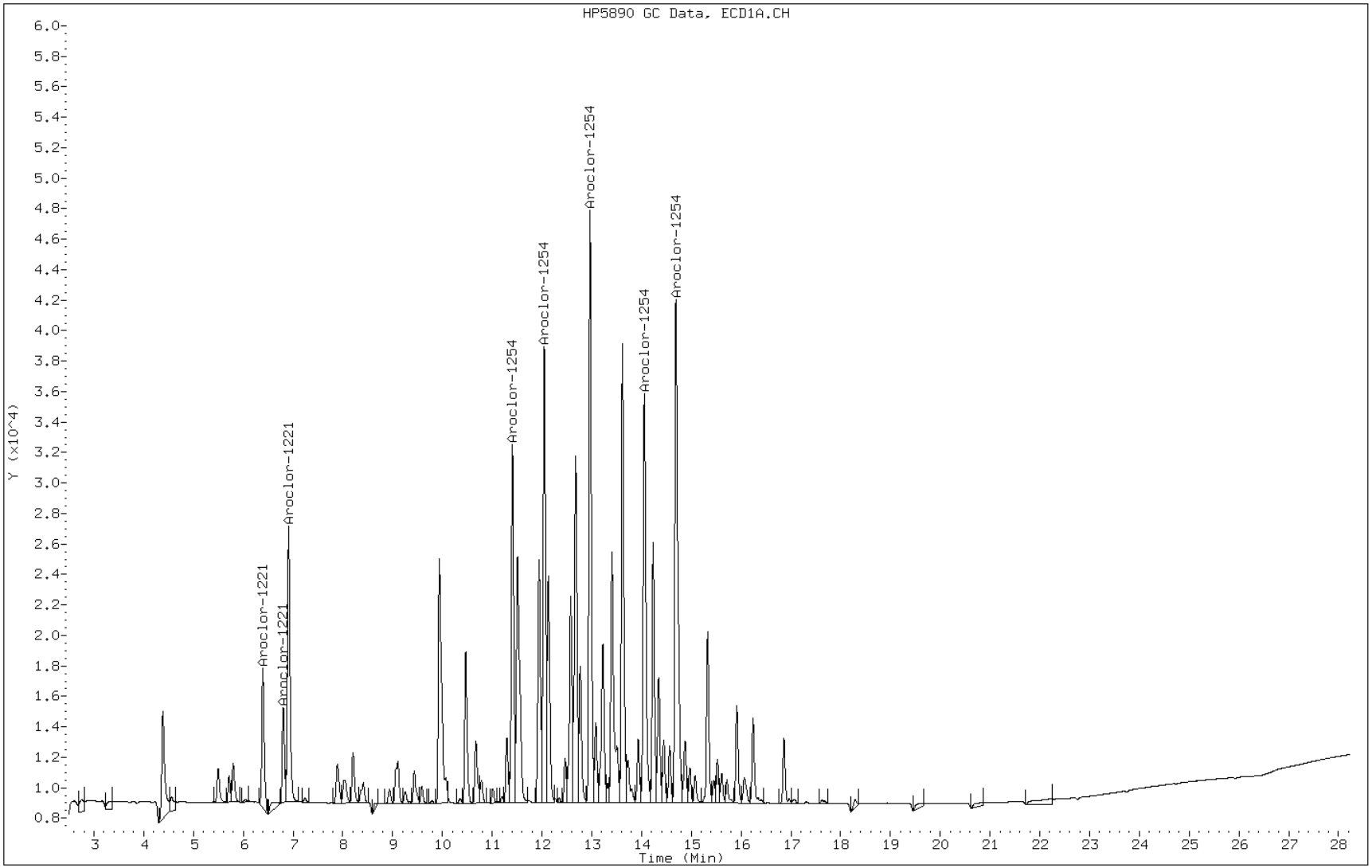
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	31275	250.000	298.0	50.00- 150.00	100.00
6.803	6.803	0.000	19388	250.000	283.9	55.26- 165.78	61.99
6.910	6.910	0.000	64888	250.000	292.2	317.01- 951.03	207.47
		Average of Peak Amounts =			291.367		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	81480	250.000	289.6	50.00- 150.00	100.00
12.046	12.046	0.000	105148	250.000	290.1	11.81- 35.43	129.05
12.963	12.963	0.000	131642	250.000	283.6	38.91- 116.75	161.56
14.056	14.056	0.000	104088	250.000	285.8	305.32- 915.96	127.75
14.690	14.690	0.000	139675	250.000	282.2	12.43- 37.29	171.42
		Average of Peak Amounts =			286.260		

Data File: 011F1101.D

Date: 19-SEP-2011 17:35

Client ID: Instrument: GC_W.i

Sample Info: IC-900867,2154-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\012F1201.D
Lab Smp Id: IC-900868
Inj Date : 19-SEP-2011 18:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900868,2154-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

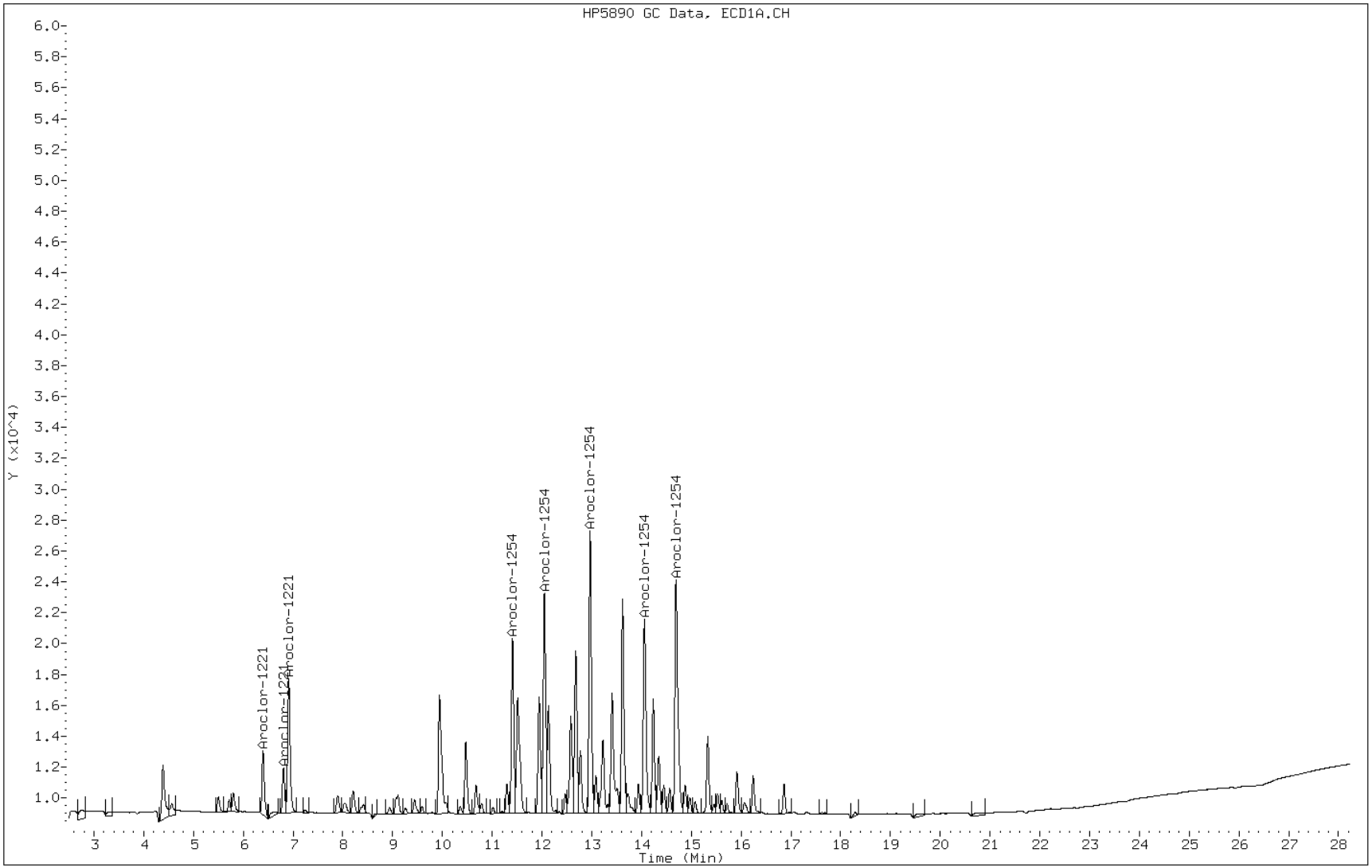
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.396	6.393	0.003	14165	100.000	102.3	50.00- 150.00	100.00
6.806	6.803	0.003	8990	100.000	105.5	55.26- 165.78	63.47
6.913	6.910	0.003	30774	100.000	108.2	317.01- 951.03	217.25
		Average of Peak Amounts =			105.333		
6 Aroclor-1254					CAS #: 11097-69-1		
11.410	11.406	0.004	38768	100.000	108.5	50.00- 150.00	100.00
12.050	12.046	0.004	49843	100.000	108.3	11.81- 35.43	128.57
12.966	12.963	0.003	61146	100.000	107.0	38.91- 116.75	157.72
14.060	14.056	0.004	48288	100.000	105.2	305.32- 915.96	124.56
14.693	14.690	0.003	63567	100.000	103.7	12.43- 37.29	163.97
		Average of Peak Amounts =			106.540		

Data File: 012F1201.D

Date: 19-SEP-2011 18:07

Client ID: Instrument: GC_W.i

Sample Info: IC-900868,2154-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\013F1301.D
Lab Smp Id: IC-900869
Inj Date : 19-SEP-2011 18:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900869,2154-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

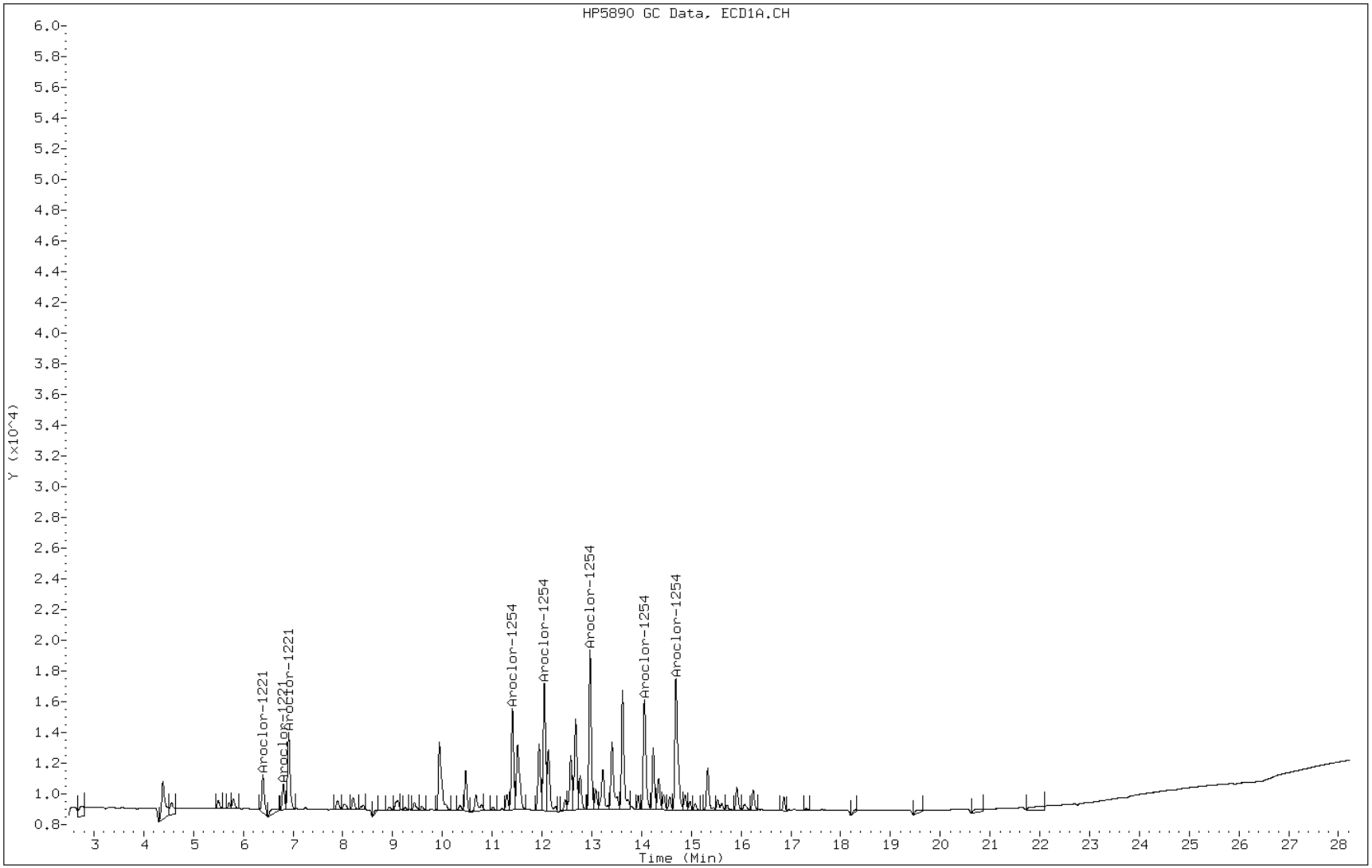
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	8927	50.0000	36.41	50.00- 150.00	100.00
6.803	6.803	0.000	4900	50.0000	34.25	55.26- 165.78	54.90
6.913	6.910	0.003	17113	50.0000	33.15	317.01- 951.03	191.70
		Average of Peak Amounts =			34.6033		
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	22224	50.0000	36.31	50.00- 150.00	100.00
12.046	12.046	0.000	28548	50.0000	36.19	11.81- 35.43	128.46
12.966	12.963	0.003	33837	50.0000	36.88	38.91- 116.75	152.25
14.060	14.056	0.004	26967	50.0000	35.22	305.32- 915.96	121.34
14.690	14.690	0.000	35369	50.0000	36.49	12.43- 37.29	159.14
		Average of Peak Amounts =			36.2180		

Data File: 013F1301.D

Date: 19-SEP-2011 18:39

Client ID: Instrument: GC_W.i

Sample Info: IC-900869,2154-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\014F1401.D
Lab Smp Id: IC-900870
Inj Date : 19-SEP-2011 19:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-900870,2154-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 14 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

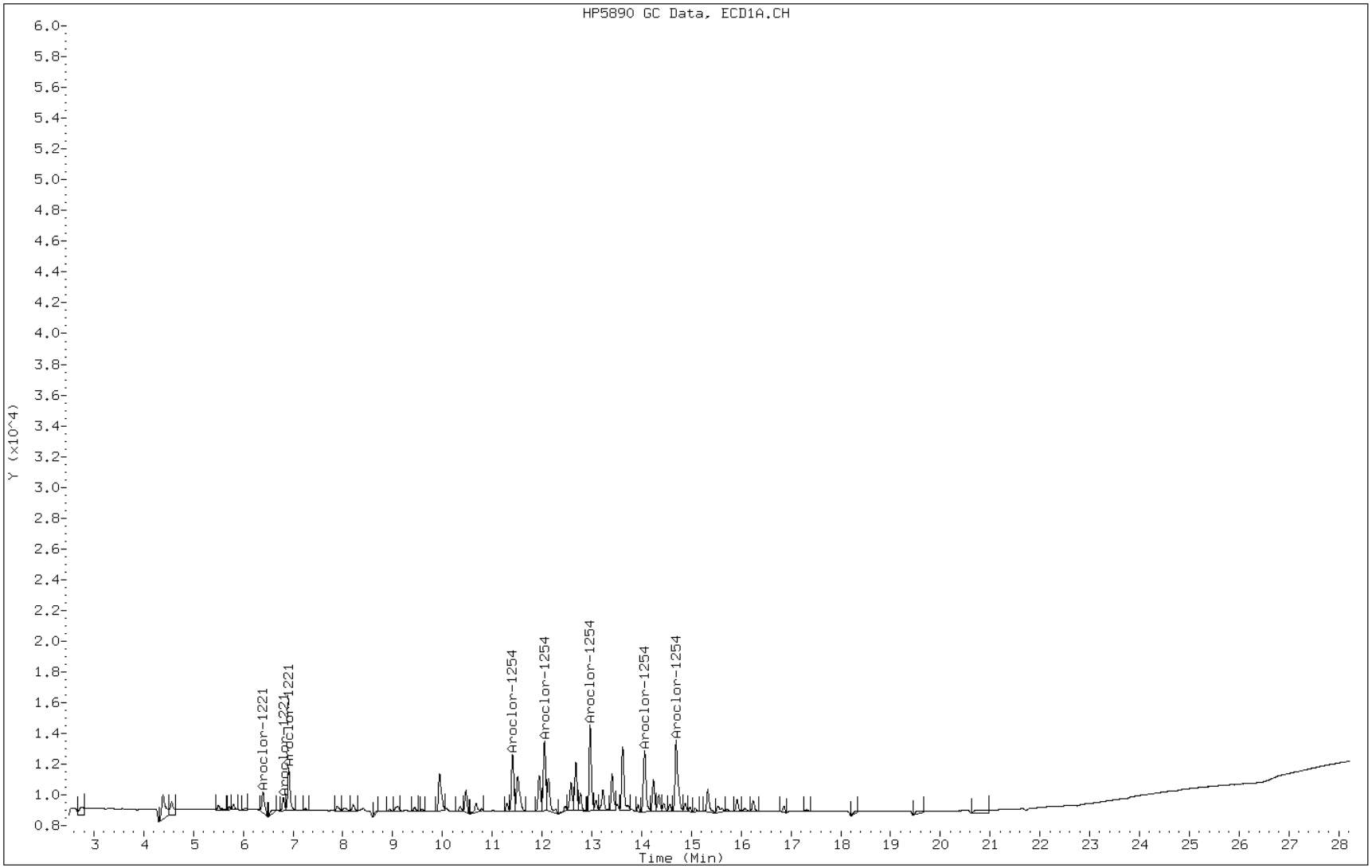
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	5292	25.0000	-5.9911	50.00- 150.00	100.00
6.806	6.803	0.003	2697	25.0000	-4.3351	55.26- 165.78	50.97
6.913	6.910	0.003	9469	25.0000	-9.0209	317.01- 951.03	178.94
6 Aroclor-1254					CAS #: 11097-69-1		
11.406	11.406	0.000	12275	25.0000	-6.8721	50.00- 150.00	100.00
12.050	12.046	0.004	15335	25.0000	-8.0596	11.81- 35.43	124.92
12.966	12.963	0.003	17671	25.0000	-3.9698	38.91- 116.75	143.95
14.060	14.056	0.004	14747	25.0000	-4.3640	305.32- 915.96	120.13
14.693	14.690	0.003	18875	25.0000	-1.9382	12.43- 37.29	153.77

Data File: 014F1401.D

Date: 19-SEP-2011 19:11

Client ID: Instrument: GC_W.i

Sample Info: IC-900870,2154-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1016 Peak 1	6.917	6.917	6.917	6.913	6.913	6.913	6.913				6.713 - 7.113	6.915
PCB-1016 Peak 2	7.893	7.893	7.893	7.890	7.890	7.893	7.890				7.690 - 8.090	7.892
PCB-1016 Peak 3	9.440	9.437	9.437	9.437	9.437	9.437	9.433				9.237 - 9.637	9.437
PCB-1016 Peak 4	10.473	10.473	10.473	10.473	10.473	10.473	10.473				10.273 - 10.673	10.473
PCB-1016 Peak 5	12.053	12.053	12.050	12.050	12.050	12.050	12.050				11.850 - 12.250	12.051
PCB-1260 Peak 1	13.410	13.410	13.410	13.407	13.407	13.407	13.407				13.207 - 13.607	13.408
PCB-1260 Peak 2	14.063	14.063	14.063	14.060	14.063	14.060	14.060				13.863 - 14.263	14.062
PCB-1260 Peak 3	14.693	14.693	14.693	14.690	14.693	14.690	14.690				14.493 - 14.893	14.692
PCB-1260 Peak 4	16.243	16.243	16.243	16.240	16.243	16.240	16.240				16.043 - 16.443	16.242
PCB-1260 Peak 5	16.863	16.867	16.867	16.863	16.863	16.863	16.860				16.663 - 17.063	16.864
Tetrachloro-m-xylene	5.797	5.793	5.793	5.793	5.793	5.793	5.790				5.593 - 5.993	5.793
DCB Decachlorobiphenyl	19.357	19.357	19.357	19.353	19.357	19.353	19.353				19.157 - 19.557	19.355

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1016 Peak 1	286.88 179.01	255.78 158.68	232.47 154.29	193.42	Lin	-48.471898	150.736325							0.9952		0.9900
PCB-1016 Peak 2	661.80 337.79	562.68 297.67	481.08 286.84	382.94	Lin	-66.524763	276.218156							0.9942		0.9900
PCB-1016 Peak 3	557.40 306.02	464.28 270.58	394.14 261.20	333.36	Lin	-54.065764	254.480462							0.9950		0.9900
PCB-1016 Peak 4	481.04 312.75	452.90 270.24	388.05 261.33	322.04	Lin	-48.323598	256.987007							0.9934		0.9900
PCB-1016 Peak 5	442.40 198.68	304.74 177.23	257.59 174.94	217.80	Lin	-54.196195	168.186053							0.9971		0.9900
PCB-1260 Peak 1	411.12 404.00	632.34 354.02	527.95 347.24	438.71	Lin	-46.104367	339.964842							0.9935		0.9900
PCB-1260 Peak 2	1605.0 564.85	1068.5 593.25	886.95 580.87	731.69	Lin	-52.712177	549.738868							0.9970		0.9900
PCB-1260 Peak 3	1444.4 669.20	991.42 590.43	832.37 583.35	709.58	Lin	-50.517200	563.653008							0.9967		0.9900
PCB-1260 Peak 4	1518.0 654.58	966.30 589.07	815.43 580.40	699.72	Lin	-49.422533	560.165732							0.9978		0.9900
PCB-1260 Peak 5	694.00 364.32	515.30 328.47	444.77 306.39	373.95	Lin	-48.300134	303.999441							0.9943		0.9900
Tetrachloro-m-xylene	11015 8047.6	10431 7275.4	9626.4 7183.5	8571.7	Lin	-1.7057643	7058.23687							0.9970		0.9900
DCB Decachlorobiphenyl	11459 7100.7	9651.2 6345.3	8781.8 6251.7	7561.3	Lin	-2.0556327	6108.61003							0.9966		

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 19:42 Calibration End Date: 09/19/2011 22:53 Calibration ID: 7177

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/21	021F2101.D
Level 2	IC 280-86911/20	020F2001.D
Level 3	IC 280-86911/19	019F1901.D
Level 4	IC 280-86911/18	018F1801.D
Level 5	ICRT 280-86911/17	017F1701.D
Level 6	IC 280-86911/16	016F1601.D
Level 7	IC 280-86911/15	015F1501.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Lin	7172 119013	12789 154286	23247	48354	89504	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 2	Lin	16545 223253	28134 286840	48108	95735	168896	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 3	Lin	13935 202935	23214 261199	39414	83339	153010	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 4	Lin	12026 202680	22645 261330	38805	80509	156375	25.0 750	50.0 1000	100	250	500
PCB-1016 Peak 5	Lin	11060 132919	15237 174937	25759	54449	99342	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 1	Lin	10278 265513	31617 347243	52795	109677	202000	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 2	Lin	40124 444936	53426 580870	88695	182923	282423	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 3	Lin	36110 442825	49571 583352	83237	177394	334602	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 4	Lin	37951 441805	48315 580402	81543	174929	327292	25.0 750	50.0 1000	100	250	500
PCB-1260 Peak 5	Lin	17350 246351	25765 306388	44477	93488	182162	25.0 750	50.0 1000	100	250	500
Tetrachloro-m-xylene	Lin	13769 272826	26078 359176	48132	107146	201190	1.25 37.5	2.50 50.0	5.00	12.5	25.0
DCB Decachlorobiphenyl	Lin	14324 237947	24128 312584	43909	94516	177518	1.25 37.5	2.50 50.0	5.00	12.5	25.0

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\015F1501.D
Lab Smp Id: IC-938756
Inj Date : 19-SEP-2011 19:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938756,1660-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 15 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

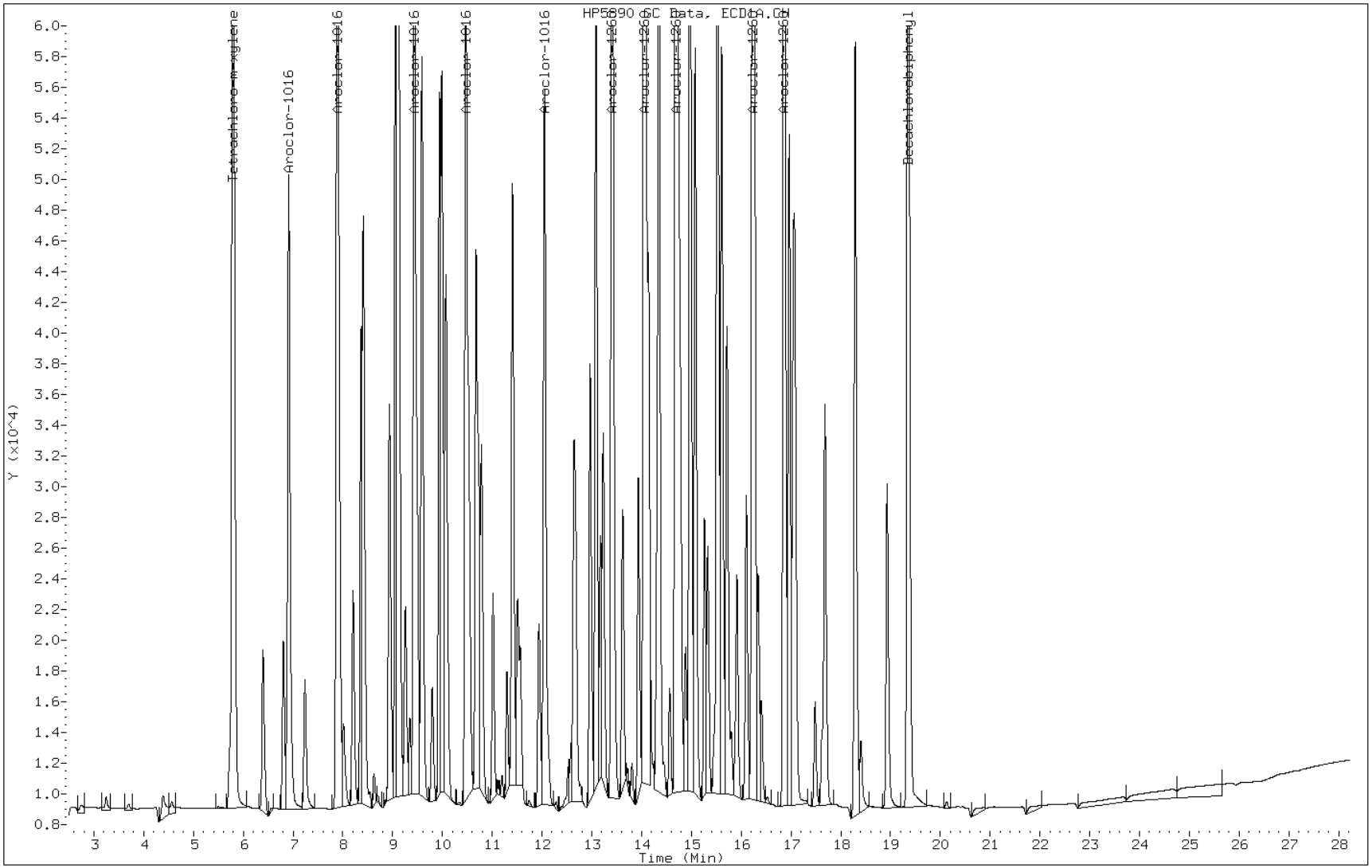
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	154286	1000.00	1028	50.00- 150.00	100.00
7.890	7.890	0.000	286840	1000.00	1016	38.38- 115.14	185.91
9.433	9.436	-0.003	261199	1000.00	1024	21.89- 65.67	169.29
10.473	10.473	0.000	261330	1000.00	1016	19.98- 59.94	169.38
12.050	12.050	0.000	174937	1000.00	1071	19.98- 59.94	113.38
Average of Peak Amounts =					1031.00		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	347243	1000.00	1026	50.00- 150.00	100.00
14.060	14.063	-0.003	580870	1000.00	1032	79.28- 237.84	167.28
14.690	14.693	-0.003	583352	1000.00	1030	38.87- 116.60	168.00
16.240	16.243	-0.003	580402	1000.00	1027	40.33- 120.99	167.15
16.860	16.863	-0.003	306388	1000.00	995.8	22.45- 67.34	88.23
Average of Peak Amounts =					1022.16		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.793	-0.003	359176	50.0000	51.31		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	312584	50.0000	50.44		

Data File: 015F1501.D

Date: 19-SEP-2011 19:42

Client ID: Instrument: GC_W.i

Sample Info: IC-938756,1660-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\016F1601.D
Lab Smp Id: IC-938757
Inj Date : 19-SEP-2011 20:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938757,1660-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 16 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

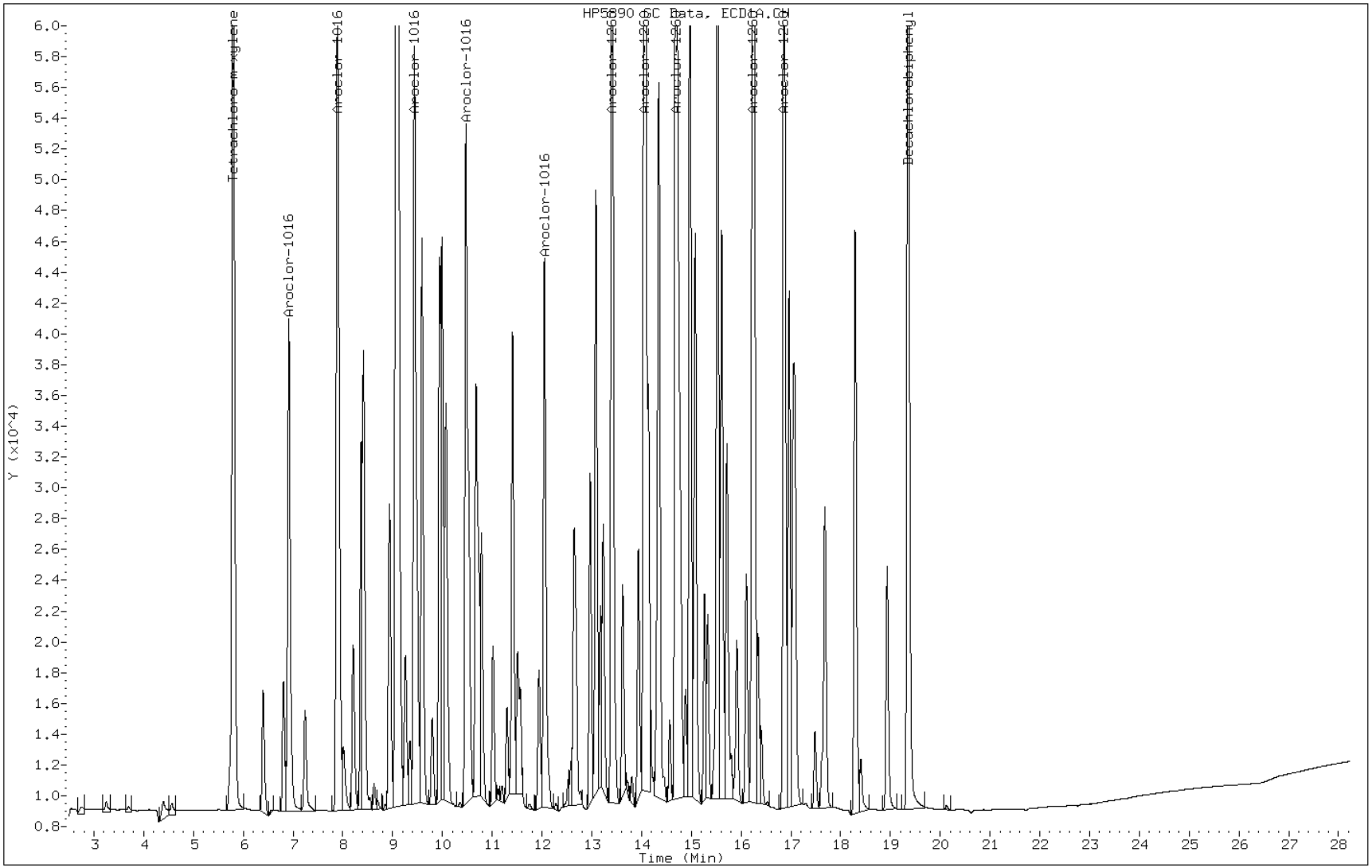
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	119013	750.000	757.6	50.00- 150.00	100.00
7.893	7.890	0.003	223253	750.000	755.7	38.38- 115.14	187.59
9.436	9.436	0.000	202935	750.000	763.8	21.89- 65.67	170.51
10.473	10.473	0.000	202680	750.000	759.5	19.98- 59.94	170.30
12.050	12.050	0.000	132919	750.000	762.3	19.98- 59.94	111.68
Average of Peak Amounts =					759.780		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	265513	750.000	752.6	50.00- 150.00	100.00
14.060	14.063	-0.003	444936	750.000	755.8	79.28- 237.84	167.58
14.690	14.693	-0.003	442825	750.000	751.1	38.87- 116.60	166.78
16.240	16.243	-0.003	441805	750.000	752.0	40.33- 120.99	166.40
16.863	16.863	0.000	246351	750.000	773.7	22.45- 67.34	92.78
Average of Peak Amounts =					757.040		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	272826	37.5000	37.64		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	237947	37.5000	37.33		

Data File: 016F1601.D

Date: 19-SEP-2011 20:14

Client ID: Instrument: GC_W.i

Sample Info: IC-938757,1660-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\017F1701.D
Lab Smp Id: ICRT-982679
Inj Date : 19-SEP-2011 20:46
Operator : JAX Inst ID: GC_W.i
Smp Info : ICRT-982679, 4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 17 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None

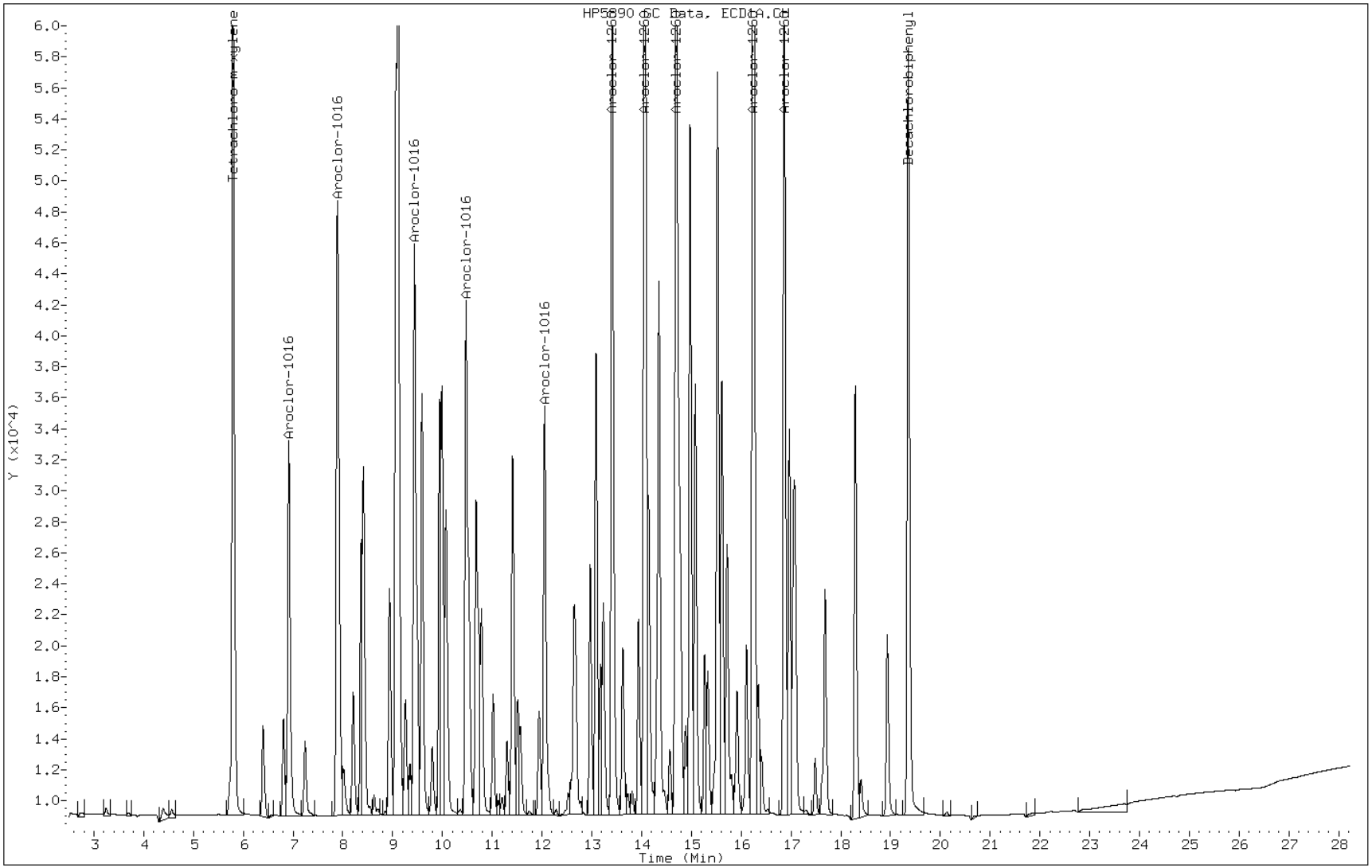
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.913	6.913	0.000	89504	500.000	545.3	50.00-	150.00	100.00
7.890	7.890	0.000	168896	500.000	544.9	38.38-	115.14	188.70
9.436	9.436	0.000	153010	500.000	547.2	21.89-	65.67	170.95
10.473	10.473	0.000	156375	500.000	560.2	19.98-	59.94	174.71
12.050	12.050	0.000	99342	500.000	536.5	19.98-	59.94	110.99
Average of Peak Amounts =					546.820			
7 Aroclor-1260					CAS #: 11096-82-5			
13.406	13.406	0.000	202000	500.000	548.1	50.00-	150.00	100.00
14.063	14.063	0.000	282423	500.000	461.0	79.28-	237.84	139.81
14.693	14.693	0.000	334602	500.000	543.1	38.87-	116.60	165.64
16.243	16.243	0.000	327292	500.000	534.8	40.33-	120.99	162.03
16.863	16.863	0.000	182162	500.000	550.9	22.45-	67.34	90.18
Average of Peak Amounts =					527.580			
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.793	5.793	0.000	201190	25.0000	26.80			
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3			
19.356	19.356	0.000	177518	25.0000	27.00			

Data File: 017F1701.D

Date: 19-SEP-2011 20:46

Client ID: Instrument: GC_W.i

Sample Info: ICRT-982679, 4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\018F1801.D
Lab Smp Id: IC-938759
Inj Date : 19-SEP-2011 21:18
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938759,1660-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 18 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

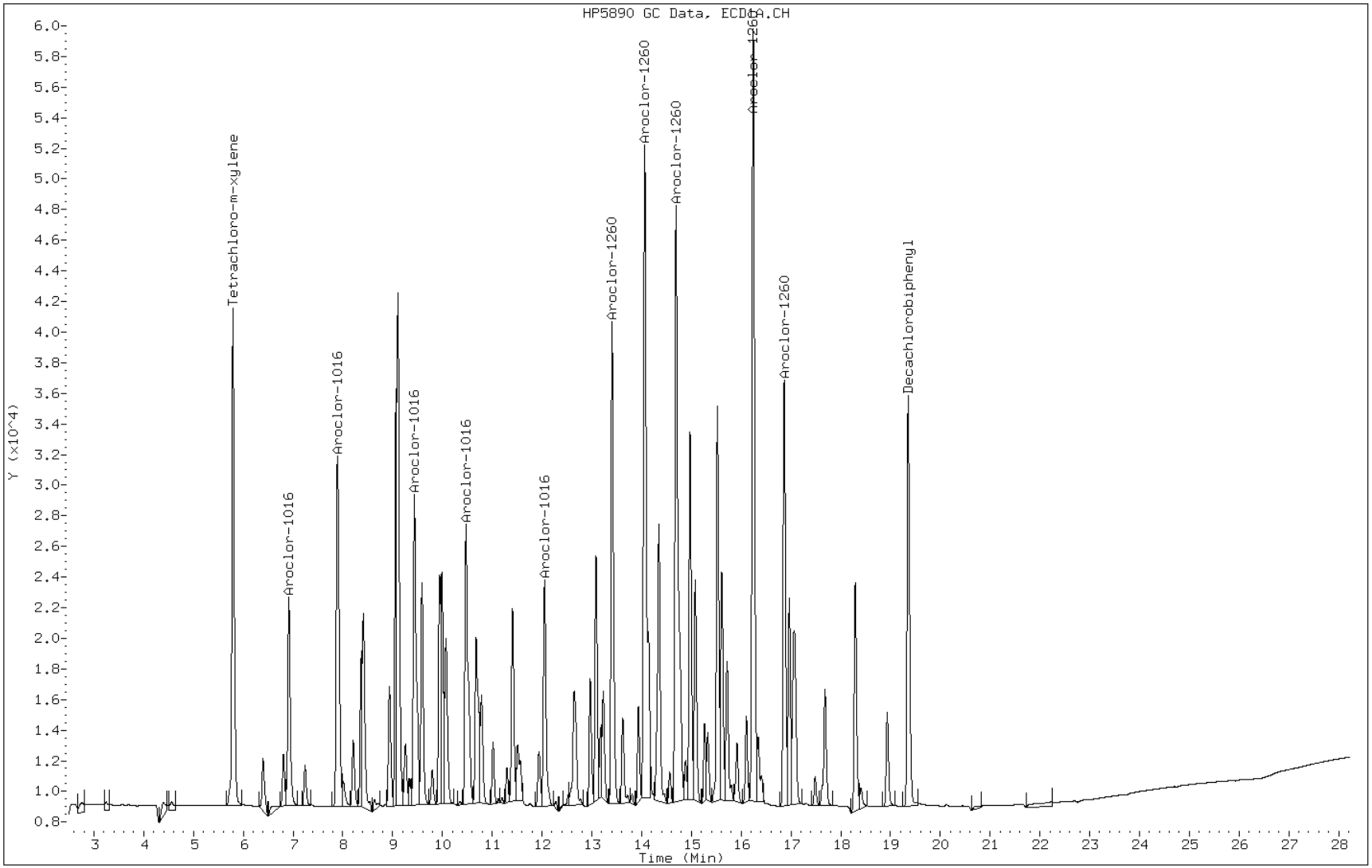
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.913	0.000	48354	250.000	274.7	50.00- 150.00	100.00
7.890	7.890	0.000	95735	250.000	285.5	38.38- 115.14	197.99
9.436	9.436	0.000	83339	250.000	278.8	21.89- 65.67	172.35
10.473	10.473	0.000	80509	250.000	270.8	19.98- 59.94	166.50
12.050	12.050	0.000	54449	250.000	274.9	19.98- 59.94	112.60
Average of Peak Amounts =					276.940		
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.406	0.000	109677	250.000	274.4	50.00- 150.00	100.00
14.060	14.063	-0.003	182923	250.000	284.7	79.28- 237.84	166.78
14.690	14.693	-0.003	177394	250.000	268.1	38.87- 116.60	161.74
16.240	16.243	-0.003	174929	250.000	266.6	40.33- 120.99	159.49
16.863	16.863	0.000	93488	250.000	264.2	22.45- 67.34	85.24
Average of Peak Amounts =					271.600		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	107146	12.5000	13.68		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.353	19.356	-0.003	94516	12.5000	13.59		

Data File: 018F1801.D

Date: 19-SEP-2011 21:18

Client ID: Instrument: GC_W.i

Sample Info: IC-938759,1660-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\019F1901.D
Lab Smp Id: IC-938760
Inj Date : 19-SEP-2011 21:50
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938760,1660-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 19 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

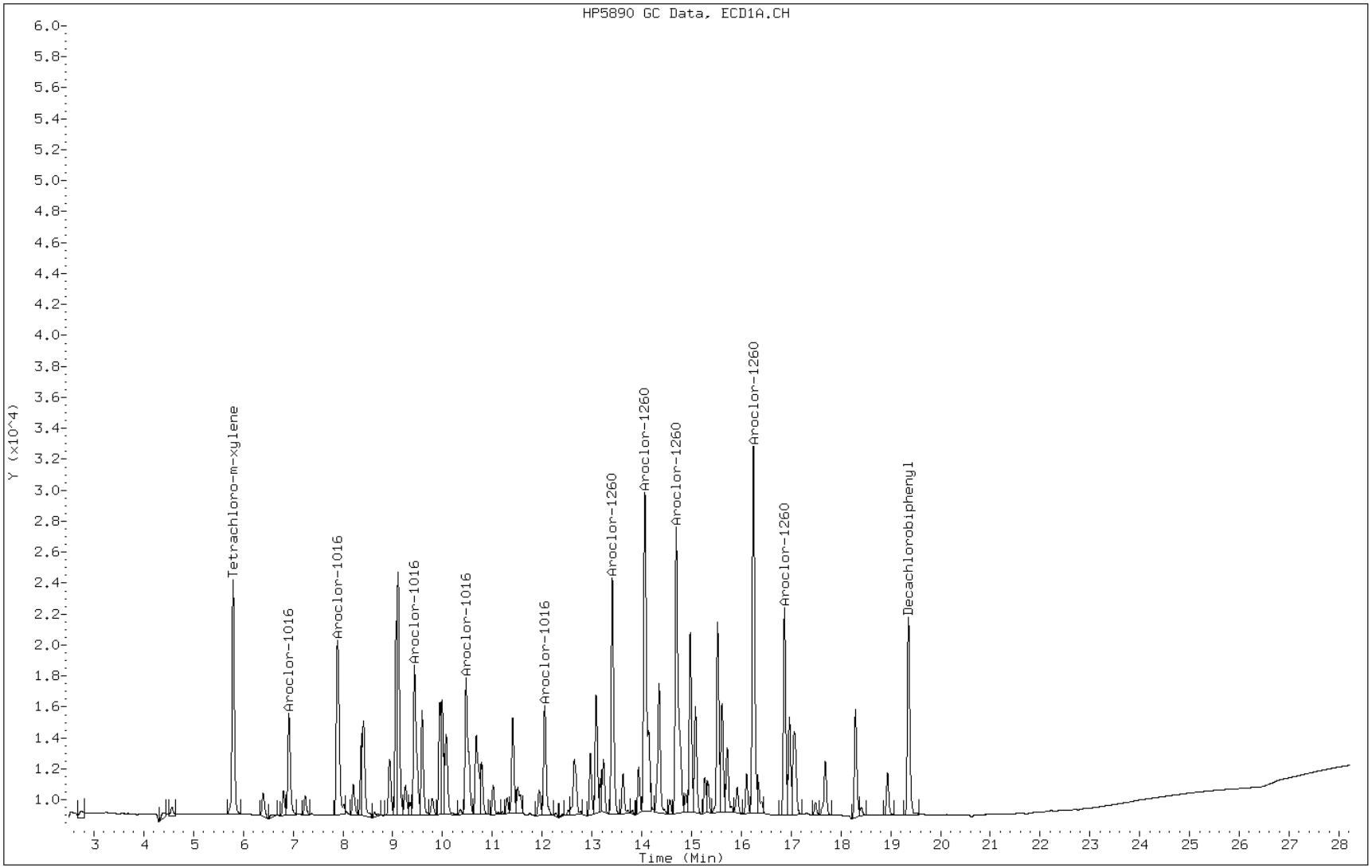
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	23247	100.000	108.5	50.00- 150.00	100.00
7.893	7.890	0.003	48108	100.000	111.6	38.38- 115.14	206.94
9.436	9.436	0.000	39414	100.000	104.3	21.89- 65.67	169.54
10.473	10.473	0.000	38805	100.000	105.9	19.98- 59.94	166.92
12.050	12.050	0.000	25759	100.000	102.0	19.98- 59.94	110.80
Average of Peak Amounts =					106.460		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	52795	100.000	102.1	50.00- 150.00	100.00
14.063	14.063	0.000	88695	100.000	111.4	79.28- 237.84	168.00
14.693	14.693	0.000	83237	100.000	99.26	38.87- 116.60	157.66
16.243	16.243	0.000	81543	100.000	97.96	40.33- 120.99	154.45
16.866	16.863	0.003	44477	100.000	100.5	22.45- 67.34	84.24
Average of Peak Amounts =					102.244		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	48132	5.00000	5.2574		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	43909	5.00000	5.2589		

Data File: 019F1901.D

Date: 19-SEP-2011 21:50

Client ID: Instrument: GC_W.i

Sample Info: IC-938760,1660-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\020F2001.D
Lab Smp Id: IC-938761
Inj Date : 19-SEP-2011 22:22
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938761,1660-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 20 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

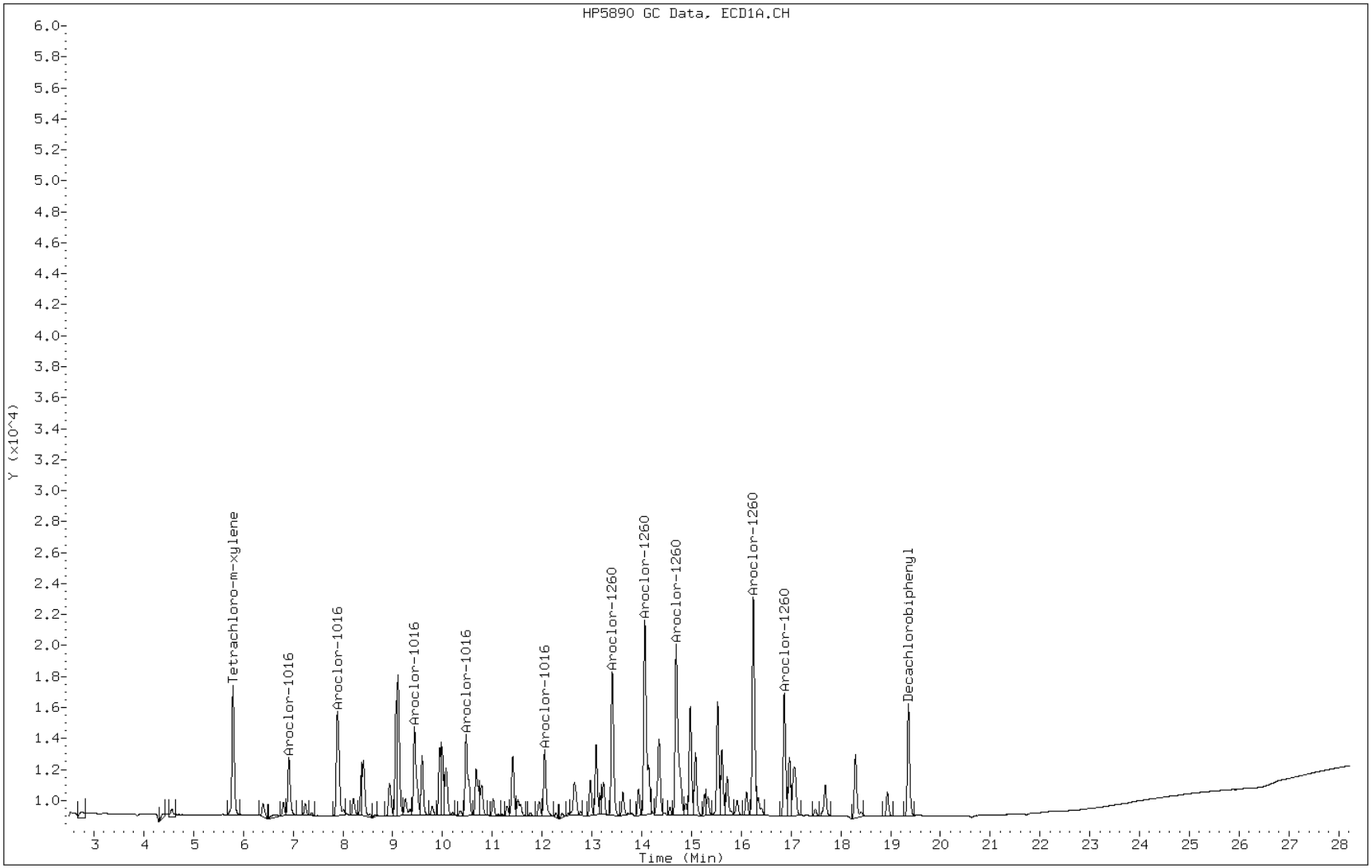
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	12789	50.0000	37.38	50.00- 150.00	100.00
7.893	7.890	0.003	28134	50.0000	37.58	38.38- 115.14	219.98
9.436	9.436	0.000	23214	50.0000	38.87	21.89- 65.67	181.51
10.473	10.473	0.000	22645	50.0000	41.13	19.98- 59.94	177.06
12.053	12.050	0.003	15237	50.0000	37.59	19.98- 59.94	119.14
Average of Peak Amounts =					38.5100		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	31617	50.0000	36.90	50.00- 150.00	100.00
14.063	14.063	0.000	53426	50.0000	46.14	79.28- 237.84	168.98
14.693	14.693	0.000	49571	50.0000	38.50	38.87- 116.60	156.78
16.243	16.243	0.000	48315	50.0000	38.69	40.33- 120.99	152.81
16.866	16.863	0.003	25765	50.0000	37.48	22.45- 67.34	81.49
Average of Peak Amounts =					39.5420		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.793	5.793	0.000	26078	2.50000	2.0462		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	24128	2.50000	1.9709		

Data File: 020F2001.D

Date: 19-SEP-2011 22:22

Client ID: Instrument: GC_W.i

Sample Info: IC-938761,1660-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\021F2101.D
Lab Smp Id: IC-938762
Inj Date : 19-SEP-2011 22:53
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-938762,1660-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 21 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

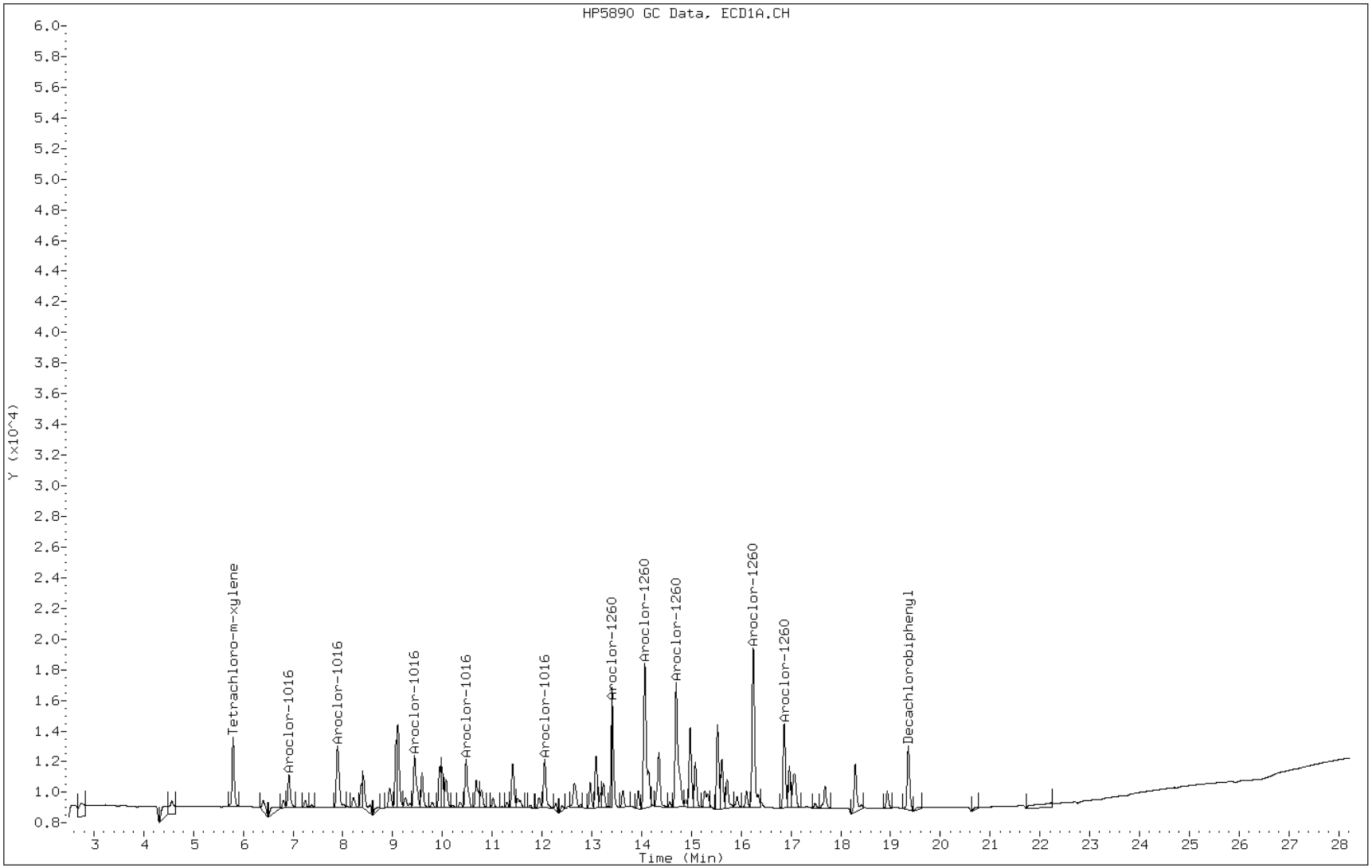
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.916	6.913	0.003	7172	25.0000	-0.89212	50.00- 150.00	100.00
7.893	7.890	0.003	16545	25.0000	-6.6264	38.38- 115.14	230.67
9.440	9.436	0.004	13935	25.0000	0.69286	21.89- 65.67	194.29
10.473	10.473	0.000	12026	25.0000	-1.5274	19.98- 59.94	167.67
12.053	12.050	0.003	11060	25.0000	11.56	19.98- 59.94	154.20
Average of Peak Amounts =					0.64139		
7 Aroclor-1260					CAS #: 11096-82-5		
13.410	13.406	0.004	10278	25.0000	-15.872	50.00- 150.00	100.00
14.063	14.063	0.000	40124	25.0000	20.28	79.28- 237.84	390.38
14.693	14.693	0.000	36110	25.0000	13.55	38.87- 116.60	351.33
16.243	16.243	0.000	37951	25.0000	18.33	40.33- 120.99	369.24
16.863	16.863	0.000	17350	25.0000	8.7723	22.45- 67.34	168.80
Average of Peak Amounts =					9.01206		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.796	5.793	0.003	13769	1.25000	0.24501		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	14324	1.25000	0.28925		

Data File: 021F2101.D

Date: 19-SEP-2011 22:53

Client ID: Instrument: GC_W.i

Sample Info: IC-938762,1660-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1232 Peak 1	6.920	6.917	6.920	6.917	6.913	6.913	6.917				6.713 - 7.113	6.917
PCB-1232 Peak 2	7.897	7.897	7.897	7.893	7.893	7.893	7.893				7.693 - 8.093	7.895
PCB-1232 Peak 3	9.443	9.443	9.443	9.440	9.440	9.437	9.437				9.240 - 9.640	9.440
PCB-1232 Peak 4	11.517	11.517	11.517	11.513	11.510	11.510	11.510				11.310 - 11.710	11.513
PCB-1232 Peak 5	11.570	11.570	11.570	11.567	11.567	11.567	11.567				11.367 - 11.767	11.568
PCB-1262 Peak 1	13.413	13.413	13.413	13.410	13.410	13.407	13.407				13.210 - 13.610	13.411
PCB-1262 Peak 2	14.980	14.977	14.977	14.977	14.973	14.973	14.973				14.773 - 15.173	14.976
PCB-1262 Peak 3	15.530	15.527	15.527	15.527	15.523	15.523	15.523				15.323 - 15.723	15.526
PCB-1262 Peak 4	16.247	16.247	16.247	16.243	16.243	16.240	16.240				16.043 - 16.443	16.244
PCB-1262 Peak 5	18.297	18.293	18.297	18.293	18.293	18.290	18.290				18.093 - 18.493	18.293

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1232 Peak 1	310.96 185.52	274.30 173.25	247.45 161.41	216.15	Lin	-52.639814	159.154063							0.9942		0.9900
PCB-1232 Peak 2	271.08 164.25	244.32 153.73	220.54 142.60	188.55	Lin	-52.142720	140.855637							0.9943		0.9900
PCB-1232 Peak 3	217.20 142.42	196.98 136.20	181.47 127.19	160.35	Lin	-40.984498	126.293621							0.9961		0.9900
PCB-1232 Peak 4	133.88 91.894	124.54 87.987	115.13 83.455	100.16	Lin	-35.095345	82.6934277							0.9976		0.9900
PCB-1232 Peak 5	152.96 102.95	137.16 97.464	128.29 94.047	116.63	Lin	-36.547179	92.5645557							0.9975		0.9900
PCB-1262 Peak 1	545.72 322.47	480.26 297.75	427.63 283.23	365.94	Lin	-50.388375	277.333565							0.9959		0.9900
PCB-1262 Peak 2	766.68 463.38	682.56 430.53	591.10 403.43	527.17	Lin	-49.137932	398.220182							0.9949		0.9900
PCB-1262 Peak 3	750.36 418.57	619.40 394.81	533.18 369.25	477.44	Lin	-48.323145	364.071891							0.9958		0.9900
PCB-1262 Peak 4	1334.8 787.53	1193.0 746.01	998.04 701.61	885.02	Lin	-45.405642	691.304030							0.9967		0.9900
PCB-1262 Peak 5	620.04 309.51	445.62 297.34	400.16 279.91	342.97	Lin	-44.314654	275.094228							0.9977		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/19/2011 23:25 Calibration End Date: 09/20/2011 02:36 Calibration ID: 7178

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/28	028F2801.D
Level 2	IC 280-86911/27	027F2701.D
Level 3	IC 280-86911/26	026F2601.D
Level 4	IC 280-86911/25	025F2501.D
Level 5	IC 280-86911/24	024F2401.D
Level 6	IC 280-86911/23	023F2301.D
Level 7	IC 280-86911/22	022F2201.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1232 Peak 1	Lin	7774 129939	13715 161412	24745	54038	92759	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 2	Lin	6777 115296	12216 142597	22054	47137	82124	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 3	Lin	5430 102148	9849 127194	18147	40088	71212	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 4	Lin	3347 65990	6227 83455	11513	25041	45947	25.0 750	50.0 1000	100	250	500
PCB-1232 Peak 5	Lin	3824 73098	6858 94047	12829	29158	51477	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 1	Lin	13643 223316	24013 283231	42763	91486	161236	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 2	Lin	19167 322897	34128 403429	59110	131793	231689	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 3	Lin	18759 296108	30970 369245	53318	119359	209285	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 4	Lin	33371 559506	59649 701613	99804	221254	393765	25.0 750	50.0 1000	100	250	500
PCB-1262 Peak 5	Lin	15501 223006	22281 279911	40016	85743	154754	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\022F2201.D
Lab Smp Id: IC-901303
Inj Date : 19-SEP-2011 23:25
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901303,3262-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:21 Cal File: 029F2901.D
Als bottle: 22 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

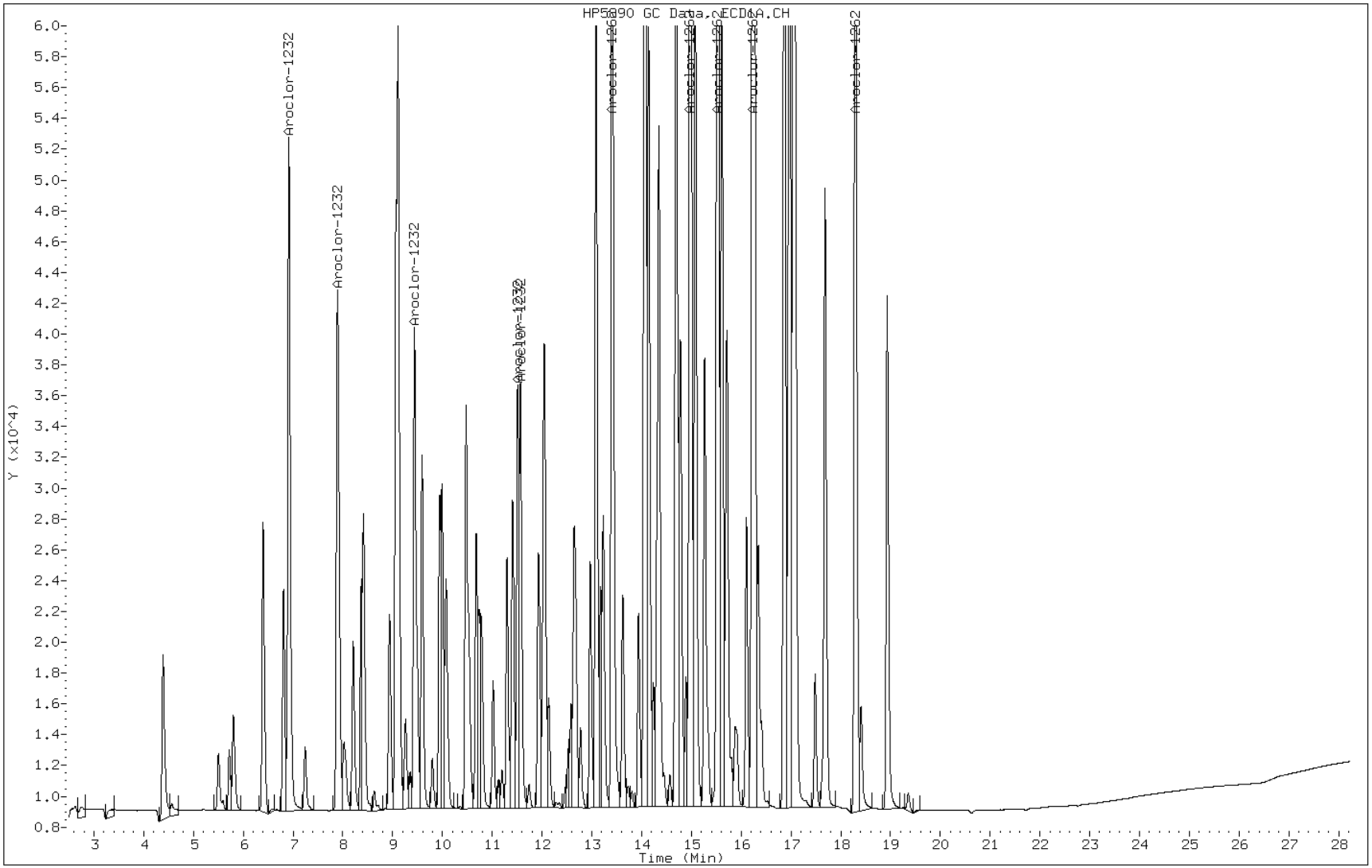
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	161412	1000.00	1005	50.00- 150.00	100.00
7.893	7.893	0.000	142597	1000.00	1006	317.01- 951.03	88.34
9.436	9.440	-0.004	127194	1000.00	1019	689.98-2069.93	78.80
11.510	11.510	0.000	83455	1000.00	1027	517.87-1553.61	51.70
11.566	11.566	0.000	94047	1000.00	1003	268.49- 805.46	58.26
		Average of Peak Amounts =			1012.00		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	283231	1000.00	1007	50.00- 150.00	100.00
14.973	14.973	0.000	403429	1000.00	998.0	191.51- 574.53	142.44
15.523	15.523	0.000	369245	1000.00	998.5	77.67- 233.02	130.37
16.240	16.243	-0.003	701613	1000.00	999.8	80.58- 241.76	247.72
18.290	18.293	-0.003	279911	1000.00	999.4	46.50- 139.50	98.83
		Average of Peak Amounts =			1000.54		

Data File: 022F2201.D

Date: 19-SEP-2011 23:25

Client ID: Instrument: GC_W.i

Sample Info: IC-901303,3262-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\023F2301.D
Lab Smp Id: IC-901304
Inj Date : 19-SEP-2011 23:57
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901304,3262-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 04:53 Cal File: 030F3001.D
Als bottle: 23 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

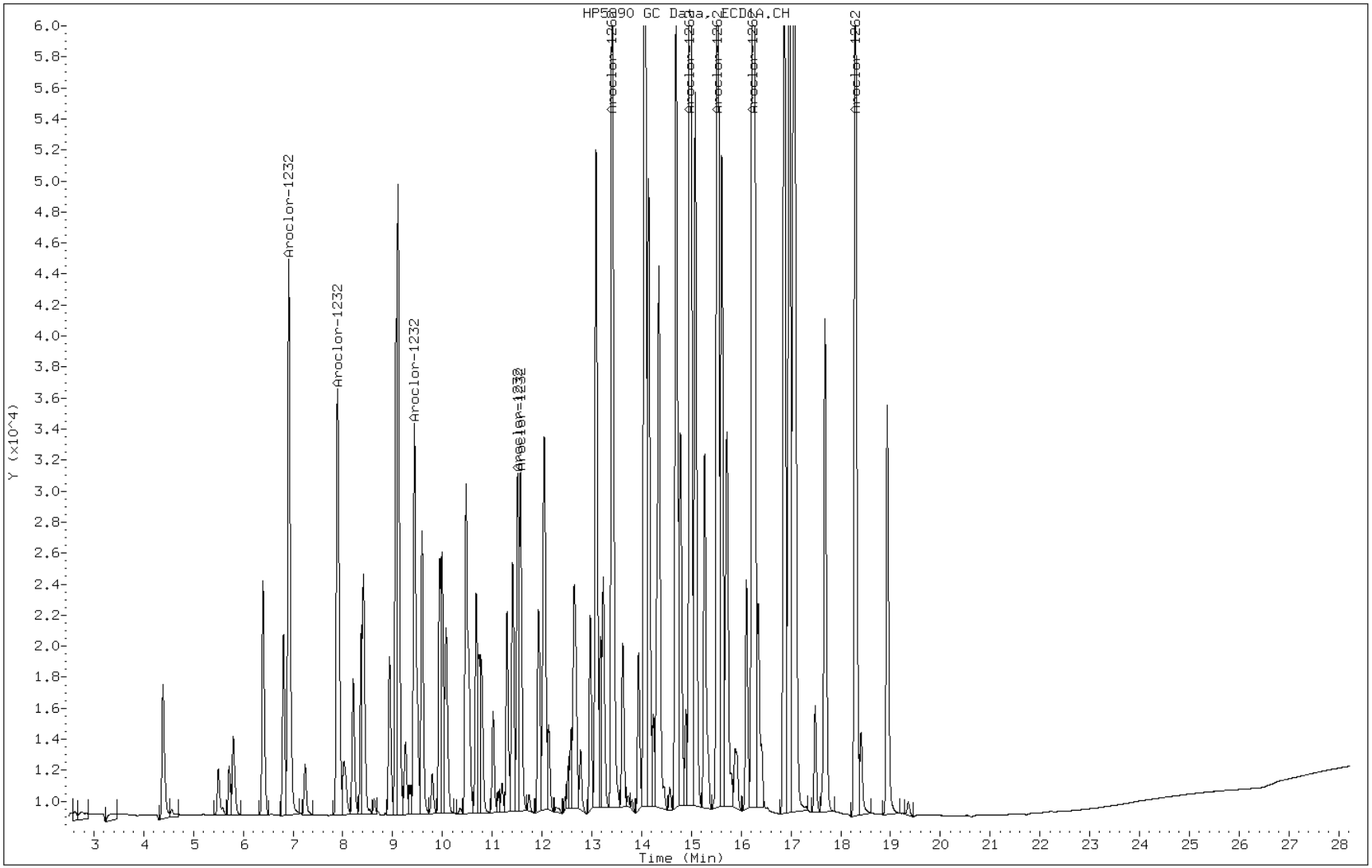
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	129939	750.000	778.6	50.00- 150.00	100.00
7.893	7.893	0.000	115296	750.000	781.7	317.01- 951.03	88.73
9.436	9.440	-0.004	102148	750.000	784.6	689.98-2069.93	78.61
11.510	11.510	0.000	65990	750.000	777.3	517.87-1553.61	50.79
11.566	11.566	0.000	73098	750.000	765.1	268.49- 805.46	56.26
Average of Peak Amounts =					777.460		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	223316	750.000	768.9	50.00- 150.00	100.00
14.973	14.973	0.000	322897	750.000	774.7	191.51- 574.53	144.59
15.523	15.523	0.000	296108	750.000	776.6	77.67- 233.02	132.60
16.240	16.243	-0.003	559506	750.000	774.9	80.58- 241.76	250.54
18.290	18.293	-0.003	223006	750.000	775.1	46.50- 139.50	99.86
Average of Peak Amounts =					774.040		

Data File: 023F2301.D

Date: 19-SEP-2011 23:57

Client ID: Instrument: GC_W.i

Sample Info: IC-901304,3262-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\024F2401.D
Lab Smp Id: IC-901326
Inj Date : 20-SEP-2011 00:29
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901326,3262-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:25 Cal File: 031F3101.D
Als bottle: 24 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None

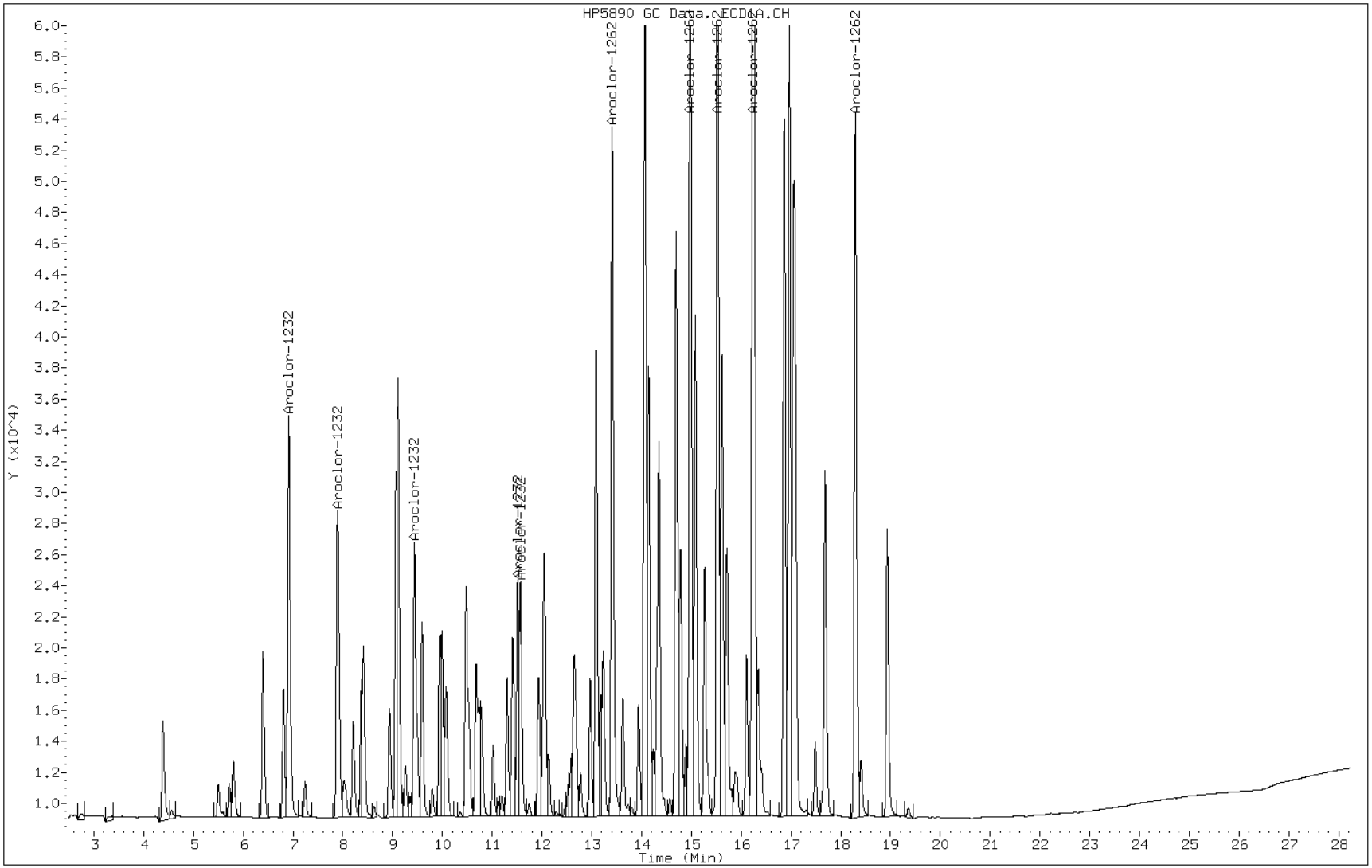
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	92759	500.000	530.2	50.00- 150.00	100.00
7.893	7.893	0.000	82124	500.000	530.9	317.01- 951.03	88.53
9.440	9.440	0.000	71212	500.000	522.9	689.98-2069.93	76.77
11.510	11.510	0.000	45947	500.000	520.5	517.87-1553.61	49.53
11.566	11.566	0.000	51477	500.000	519.6	268.49- 805.46	55.50
Average of Peak Amounts =					524.820		
9 Aroclor-1262					CAS #:		
13.410	13.410	0.000	161236	500.000	531.0	50.00- 150.00	100.00
14.973	14.973	0.000	231689	500.000	532.7	191.51- 574.53	143.70
15.523	15.523	0.000	209285	500.000	526.5	77.67- 233.02	129.80
16.243	16.243	0.000	393765	500.000	524.2	80.58- 241.76	244.22
18.293	18.293	0.000	154754	500.000	518.2	46.50- 139.50	95.98
Average of Peak Amounts =					526.520		

Data File: 024F2401.D

Date: 20-SEP-2011 00:29

Client ID: Instrument: GC_W.i

Sample Info: IC-901326,3262-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\025F2501.D
Lab Smp Id: IC-901327
Inj Date : 20-SEP-2011 01:00
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901327,3262-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 05:56 Cal File: 032F3201.D
Als bottle: 25 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

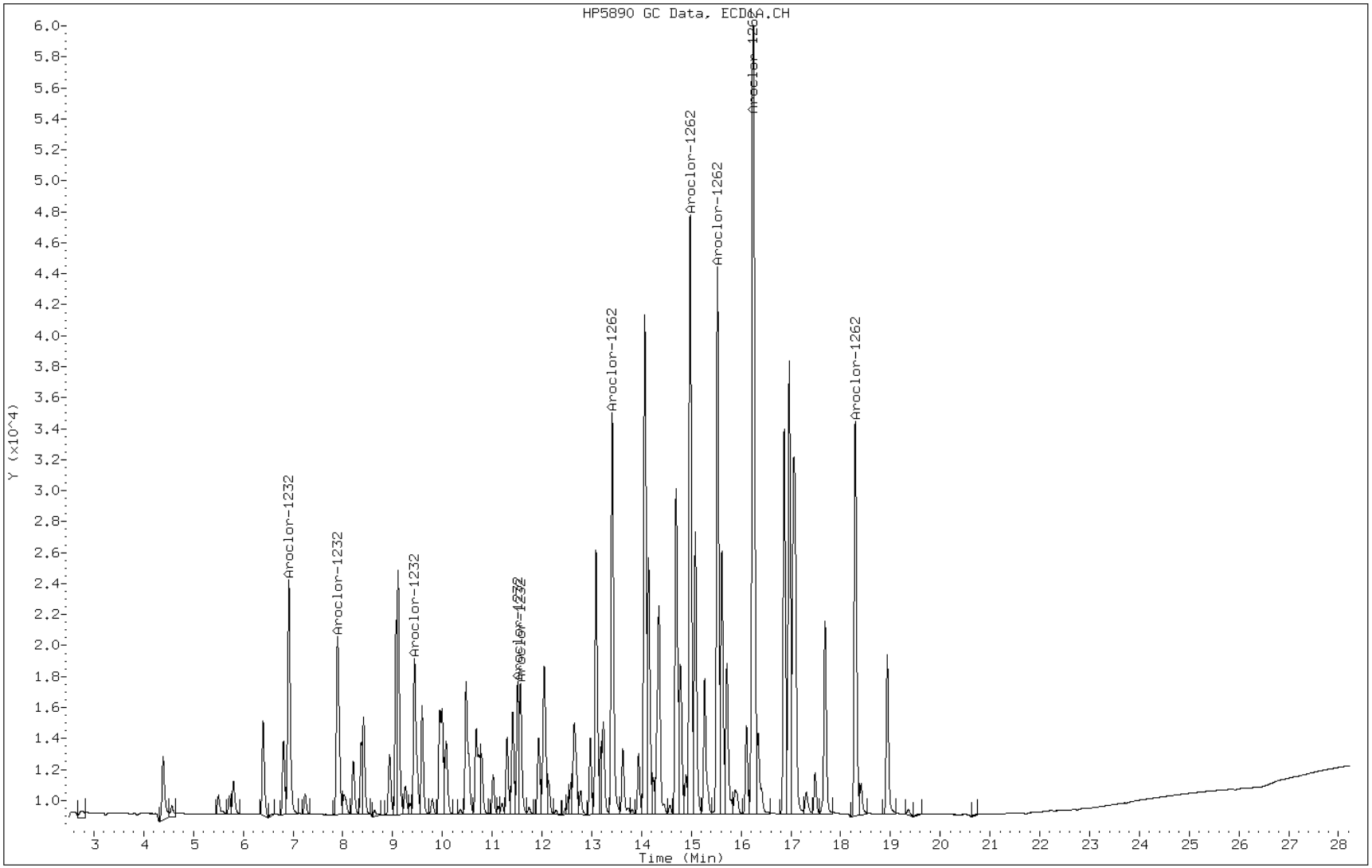
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	54038	250.000	291.0	50.00- 150.00	100.00
7.893	7.893	0.000	47137	250.000	287.1	317.01- 951.03	87.23
9.440	9.440	0.000	40088	250.000	282.1	689.98-2069.93	74.19
11.513	11.510	0.003	25041	250.000	271.9	517.87-1553.61	46.34
11.566	11.566	0.000	29158	250.000	282.3	268.49- 805.46	53.96
Average of Peak Amounts =					282.880		
9 Aroclor-1262					CAS #:		
13.410	13.410	0.000	91486	250.000	283.9	50.00- 150.00	100.00
14.976	14.973	0.003	131793	250.000	284.4	191.51- 574.53	144.06
15.526	15.523	0.003	119359	250.000	282.8	77.67- 233.02	130.47
16.243	16.243	0.000	221254	250.000	277.7	80.58- 241.76	241.84
18.293	18.293	0.000	85743	250.000	271.1	46.50- 139.50	93.72
Average of Peak Amounts =					279.980		

Data File: 025F2501.D

Date: 20-SEP-2011 01:00

Client ID: Instrument: GC_W.i

Sample Info: IC-901327,3262-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\026F2601.D
Lab Smp Id: IC-901328
Inj Date : 20-SEP-2011 01:32
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901328,3262-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 06:28 Cal File: 033F3301.D
Als bottle: 26 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

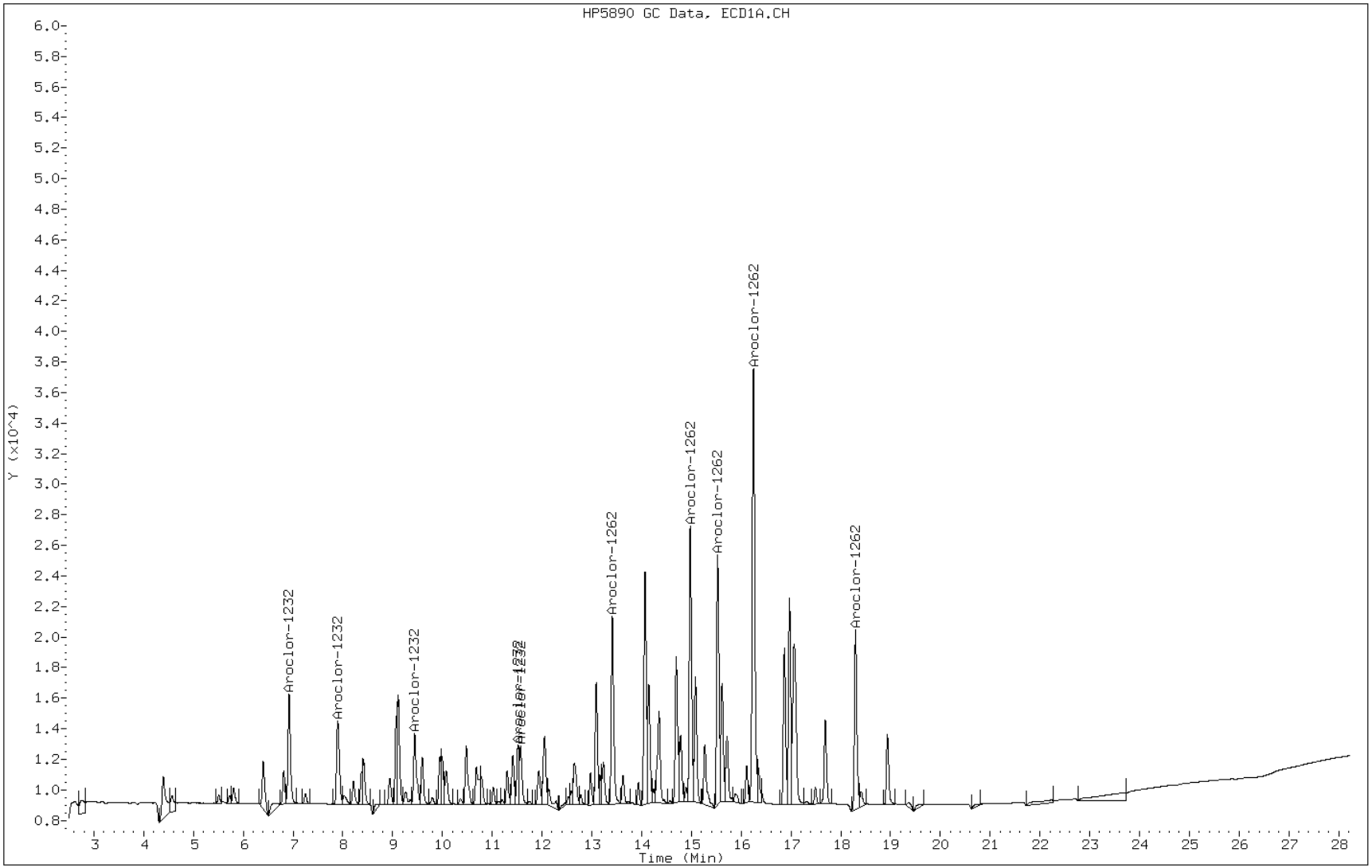
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.920	6.913	0.007	24745	100.000	105.8	50.00- 150.00	100.00
7.896	7.893	0.003	22054	100.000	107.5	317.01- 951.03	89.12
9.443	9.440	0.003	18147	100.000	106.7	689.98-2069.93	73.33
11.516	11.510	0.006	11513	100.000	106.5	517.87-1553.61	46.53
11.570	11.566	0.004	12829	100.000	105.1	268.49- 805.46	51.84
Average of Peak Amounts =					106.320		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	42763	100.000	107.0	50.00- 150.00	100.00
14.976	14.973	0.003	59110	100.000	101.5	191.51- 574.53	138.23
15.526	15.523	0.003	53318	100.000	101.4	77.67- 233.02	124.68
16.246	16.243	0.003	99804	100.000	101.1	80.58- 241.76	233.39
18.296	18.293	0.003	40016	100.000	103.3	46.50- 139.50	93.58
Average of Peak Amounts =					102.860		

Data File: 026F2601.D

Date: 20-SEP-2011 01:32

Client ID: Instrument: GC_W.i

Sample Info: IC-901328,3262-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\027F2701.D
Lab Smp Id: IC-901329
Inj Date : 20-SEP-2011 02:04
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901329,3262-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:00 Cal File: 034F3401.D
Als bottle: 27 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

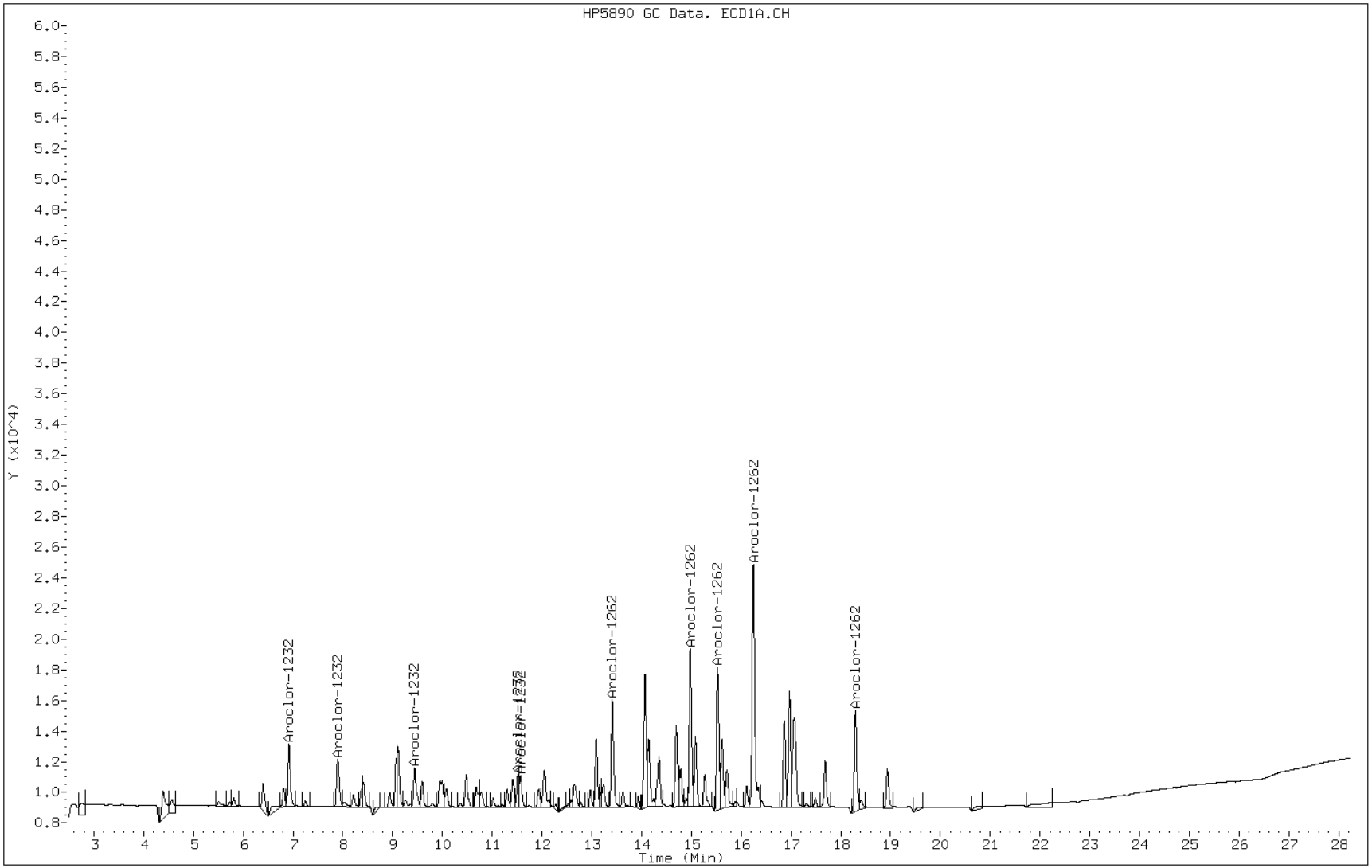
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.916	6.913	0.003	13715	50.0000	35.31	50.00- 150.00	100.00
7.896	7.893	0.003	12216	50.0000	36.18	317.01- 951.03	89.07
9.443	9.440	0.003	9849	50.0000	39.06	689.98-2069.93	71.81
11.516	11.510	0.006	6227	50.0000	40.87	517.87-1553.61	45.40
11.570	11.566	0.004	6858	50.0000	39.10	268.49- 805.46	50.01
Average of Peak Amounts =					38.1040		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	24013	50.0000	37.58	50.00- 150.00	100.00
14.976	14.973	0.003	34128	50.0000	37.41	191.51- 574.53	142.12
15.526	15.523	0.003	30970	50.0000	38.41	77.67- 233.02	128.97
16.246	16.243	0.003	59649	50.0000	41.26	80.58- 241.76	248.40
18.293	18.293	0.000	22281	50.0000	37.07	46.50- 139.50	92.79
Average of Peak Amounts =					38.3460		

Data File: 027F2701.D

Date: 20-SEP-2011 02:04

Client ID: Instrument: GC_W.i

Sample Info: IC-901329,3262-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\028F2801.D
Lab Smp Id: IC-901330
Inj Date : 20-SEP-2011 02:36
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901330,3262-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 10-SEP-2011 07:31 Cal File: 035F3501.D
Als bottle: 28 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

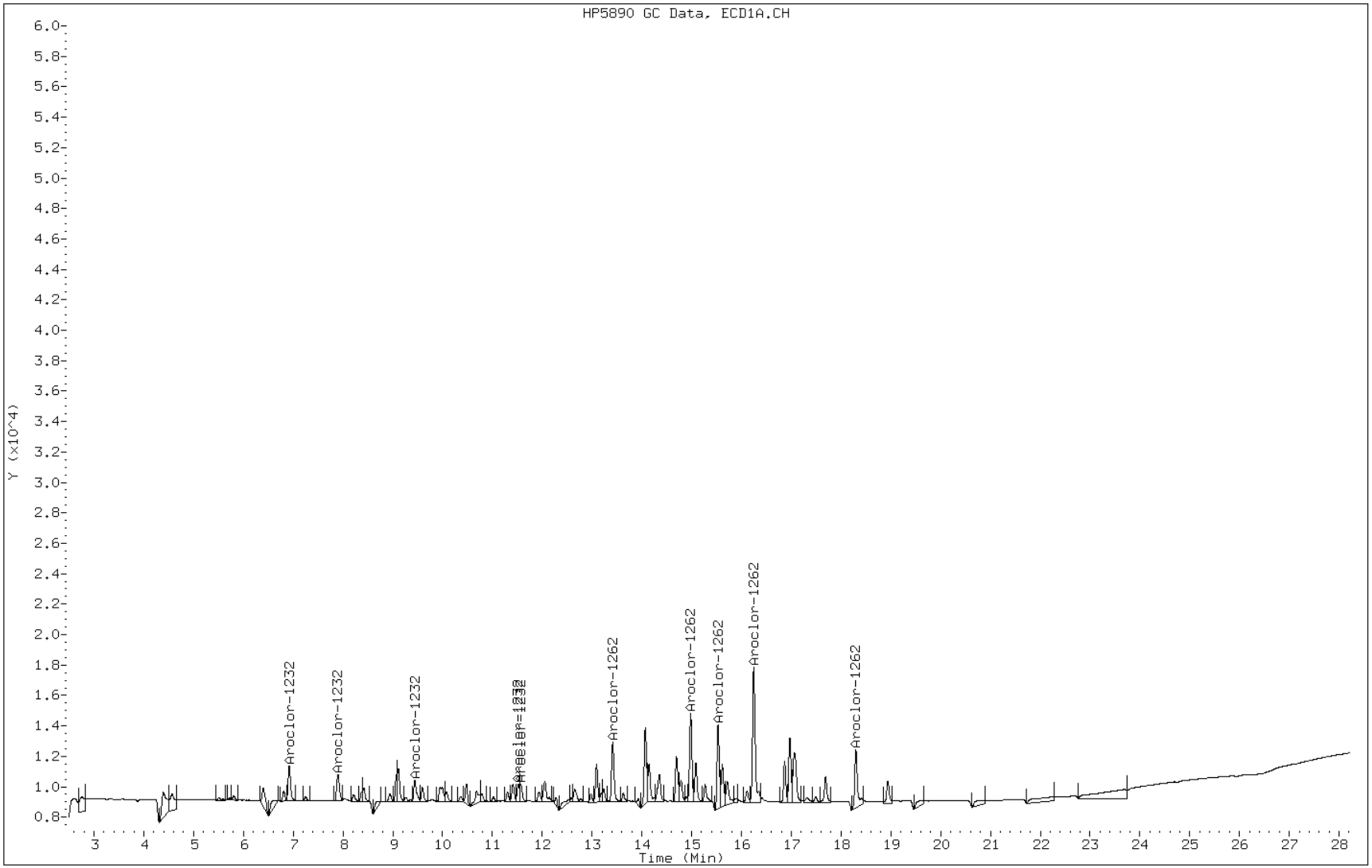
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.920	6.913	0.007	7774	25.0000	-3.7941	50.00- 150.00	100.00
7.896	7.893	0.003	6777	25.0000	-4.0296	317.01- 951.03	87.17
9.443	9.440	0.003	5430	25.0000	2.0105	689.98-2069.93	69.84
11.516	11.510	0.006	3347	25.0000	5.3794	517.87-1553.61	43.05
11.570	11.566	0.004	3824	25.0000	4.7645	268.49- 805.46	49.19
Average of Peak Amounts =					0.86614		
9 Aroclor-1262					CAS #:		
13.413	13.410	0.003	13643	25.0000	-1.1949	50.00- 150.00	100.00
14.980	14.973	0.007	19167	25.0000	-1.0063	191.51- 574.53	140.49
15.530	15.523	0.007	18759	25.0000	3.2024	77.67- 233.02	137.50
16.246	16.243	0.003	33371	25.0000	2.8669	80.58- 241.76	244.60
18.296	18.293	0.003	15501	25.0000	12.03	46.50- 139.50	113.62
Average of Peak Amounts =					3.17962		

Data File: 028F2801.D

Date: 20-SEP-2011 02:36

Client ID: Instrument: GC_W.i

Sample Info: IC-901330,3262-7 Operator: JAX



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 7				RT WINDOW	AVG RT
PCB-1242 Peak 1	7.893	7.893	7.893	7.897	7.893	7.893	7.893				7.693 - 8.093	7.894
PCB-1242 Peak 2	9.440	9.440	9.440	9.440	9.437	9.440	9.440				9.237 - 9.637	9.440
PCB-1242 Peak 3	10.473	10.477	10.477	10.477	10.473	10.477	10.477				10.273 - 10.673	10.476
PCB-1242 Peak 4	11.513	11.513	11.513	11.513	11.510	11.513	11.513				11.310 - 11.710	11.513
PCB-1242 Peak 5	11.567	11.567	11.567	11.567	11.567	11.567	11.567				11.367 - 11.767	11.567
PCB-1268 Peak 1	14.977	14.977	14.977	14.977	14.977	14.977	14.977				14.777 - 15.177	14.977
PCB-1268 Peak 2	15.520	15.520	15.520	15.520	15.520	15.520	15.520				15.320 - 15.720	15.520
PCB-1268 Peak 3	16.967	16.967	16.967	16.967	16.967	16.967	16.967				16.767 - 17.167	16.967
PCB-1268 Peak 4	17.053	17.050	17.050	17.050	17.050	17.050	17.050				16.850 - 17.250	17.051
PCB-1268 Peak 5	17.487	17.487	17.487	17.487	17.483	17.487	17.487				17.283 - 17.683	17.486

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.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 6	LVL 3 LVL 7	LVL 4		B	M1	M2								
PCB-1242 Peak 1	474.44 267.21	417.82 242.35	373.31 227.42	316.26	Lin	-62.715624	222.198111							0.9925		0.9900
PCB-1242 Peak 2	366.88 242.81	335.10 225.65	306.36 213.51	281.87	Lin	-45.343566	210.925329							0.9948		0.9900
PCB-1242 Peak 3	357.12 265.55	354.14 257.69	323.01 241.14	312.20	Lin	-36.286388	240.412041							0.9955		0.9900
PCB-1242 Peak 4	278.08 187.47	251.02 181.79	233.41 165.23	218.06	Lin	-41.630495	166.081366							0.9933		0.9900
PCB-1242 Peak 5	321.88 230.24	288.42 213.85	271.00 197.25	256.47	Lin	-39.957154	198.477336							0.9930		0.9900
PCB-1268 Peak 1	398.48 237.58	329.00 227.50	310.05 218.86	276.28	Lin	-41.009038	214.297584							0.9975		0.9900
PCB-1268 Peak 2	587.36 311.54	483.84 298.30	429.15 286.74	372.84	Lin	-50.030656	278.073166							0.9972		0.9900
PCB-1268 Peak 3	1474.0 867.88	1277.9 795.48	1143.5 772.24	1028.4	Lin	-50.735147	750.785599							0.9954		0.9900
PCB-1268 Peak 4	1486.3 933.41	1310.5 868.57	1201.1 820.87	1079.8	Lin	-47.154653	809.215037							0.9950		0.9900
PCB-1268 Peak 5	1122.9 701.85	984.12 649.92	894.94 622.55	811.20	Lin	-45.765296	611.107109							0.9957		0.9900

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Denver Job No.: 280-20041-1 Analy Batch No.: 86911

SDG No.:

Instrument ID: GCS_W GC Column: CLP1 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/20/2011 03:07 Calibration End Date: 09/20/2011 06:17 Calibration ID: 7179

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 280-86911/35	035F3501.D
Level 2	IC 280-86911/34	034F3401.D
Level 3	IC 280-86911/33	033F3301.D
Level 4	IC 280-86911/32	032F3201.D
Level 5	IC 280-86911/31	031F3101.D
Level 6	IC 280-86911/30	030F3001.D
Level 7	IC 280-86911/29	029F2901.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
		LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
PCB-1242 Peak 1	Lin	11861 181759	20891 227415	37331	79066	133604	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 2	Lin	9172 169234	16755 213506	30636	70467	121404	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 3	Lin	8928 193271	17707 241137	32301	78051	132773	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 4	Lin	6952 136344	12551 165229	23341	54516	93733	25.0 750	50.0 1000	100	250	500
PCB-1242 Peak 5	Lin	8047 160388	14421 197249	27100	64118	115118	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 1	Lin	9962 170623	16450 218861	31005	69070	118792	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 2	Lin	14684 223725	24192 286736	42915	93210	155769	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 3	Lin	36851 596607	63896 772239	114348	257111	433938	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 4	Lin	37158 651427	65527 820871	120107	269962	466706	25.0 750	50.0 1000	100	250	500
PCB-1268 Peak 5	Lin	28073 487442	49206 622545	89494	202801	350923	25.0 750	50.0 1000	100	250	500

Curve Type Legend:
Lin = Linear

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\029F2901.D
Lab Smp Id: IC-901232
Inj Date : 20-SEP-2011 03:07
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901232,4268-6
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:07 Cal File: 029F2901.D
Als bottle: 29 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

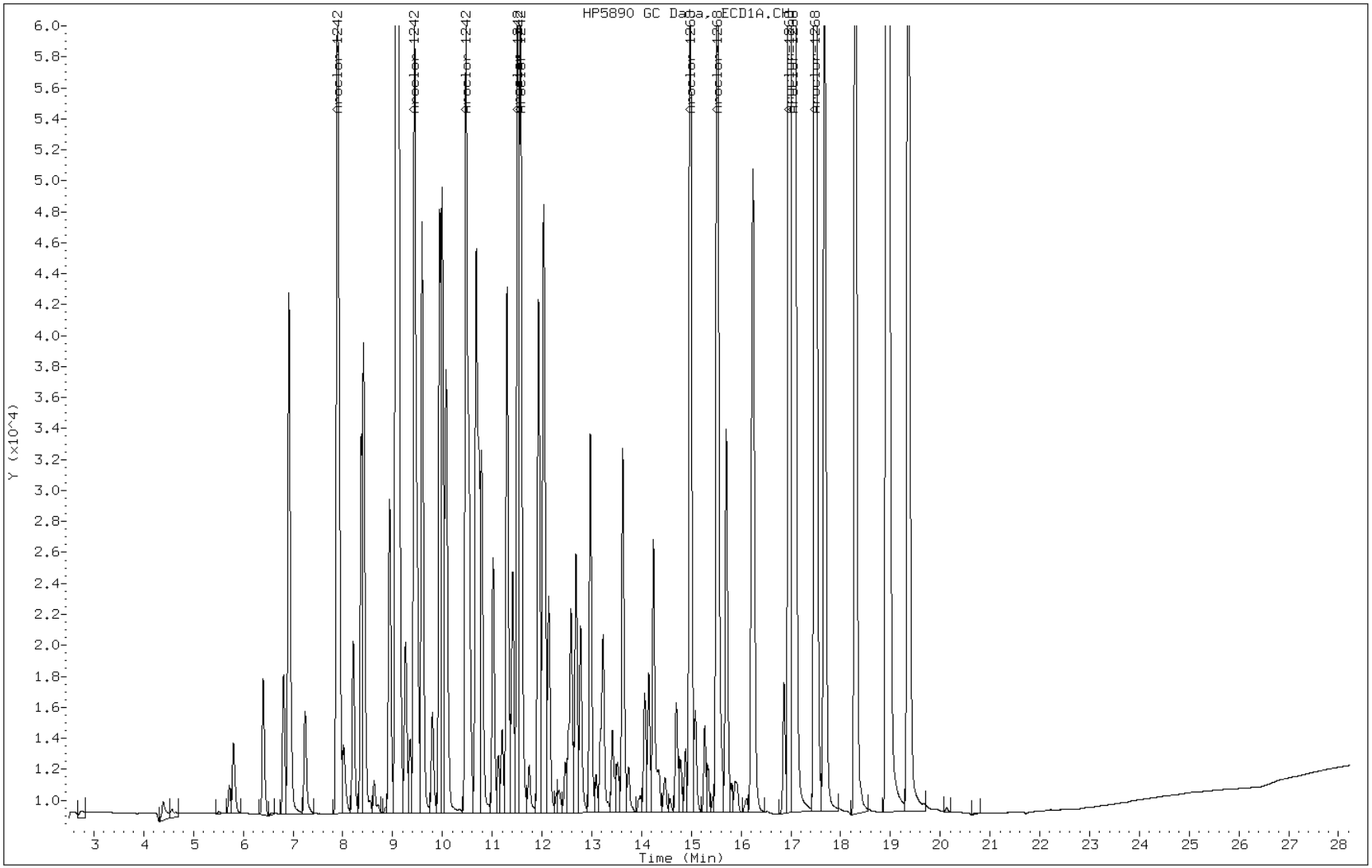
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	227415	1000.00	1004	50.00- 150.00	100.00
9.440	9.436	0.004	213506	1000.00	1014	108.83- 326.48	93.88
10.476	10.473	0.003	241137	1000.00	1003	83.74- 251.22	106.03
11.513	11.510	0.003	165229	1000.00	992.6	35.48- 106.46	72.66
11.566	11.566	0.000	197249	1000.00	990.0	3.33- 9.98	86.74
Average of Peak Amounts =					1000.72		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	218861	1000.00	1005	50.00- 150.00	100.00
15.520	15.520	0.000	286736	1000.00	1021	50.00- 150.00	131.01
16.966	16.966	0.000	772239	1000.00	998.6	31.30- 93.90	352.84
17.050	17.050	0.000	820871	1000.00	993.9	2.81- 8.43	375.06
17.486	17.483	0.003	622545	1000.00	995.1	24.39- 73.17	284.45
Average of Peak Amounts =					1002.72		

Data File: 029F2901.D

Date: 20-SEP-2011 03:07

Client ID: Instrument: GC_W.i

Sample Info: IC-901232,4268-6 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\030F3001.D
Lab Smp Id: IC-901404
Inj Date : 20-SEP-2011 03:39
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901404,4268-5
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 03:39 Cal File: 030F3001.D
Als bottle: 30 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

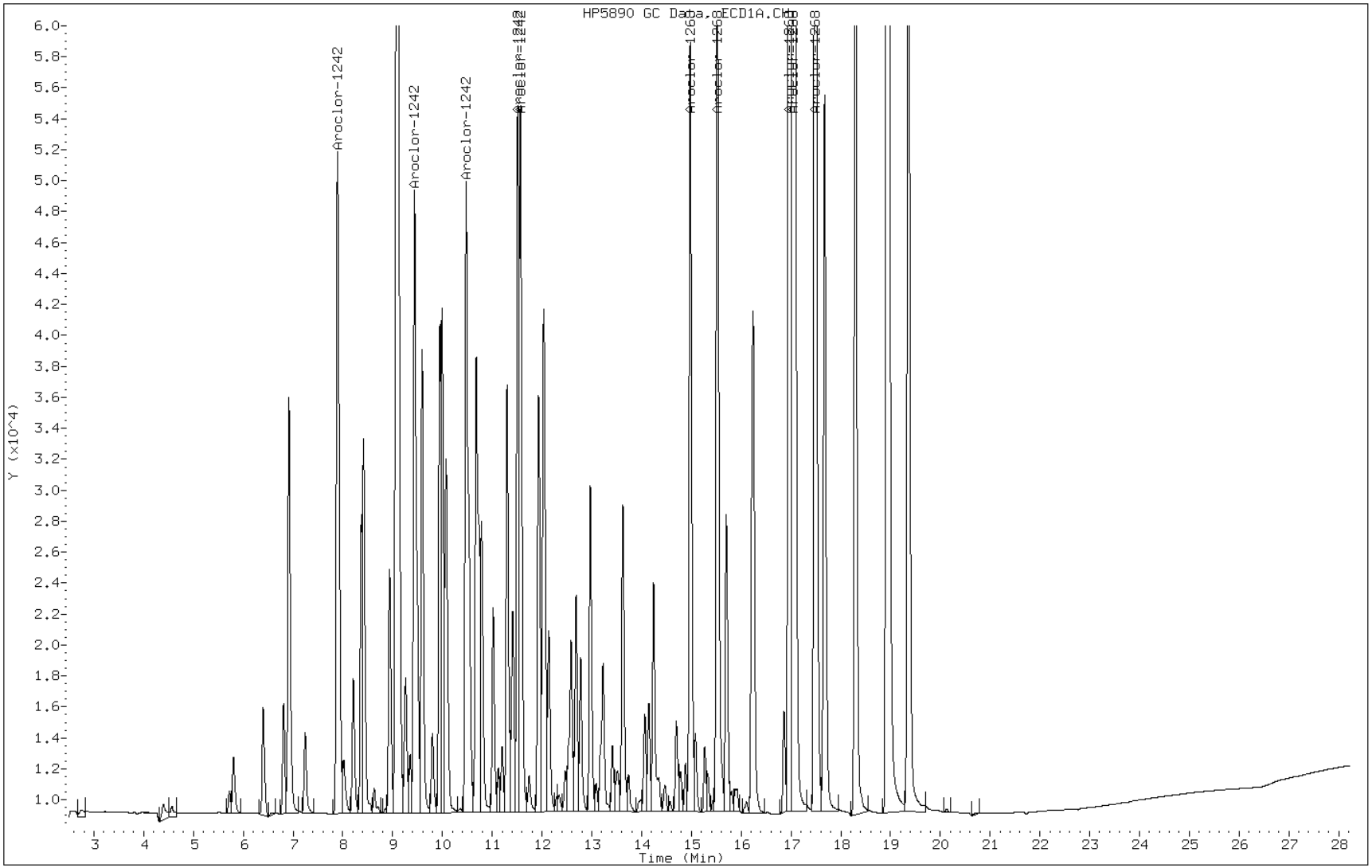
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	181759	750.000	769.0	50.00- 150.00	100.00
9.440	9.436	0.004	169234	750.000	772.2	108.83- 326.48	93.11
10.476	10.473	0.003	193271	750.000	776.5	83.74- 251.22	106.33
11.513	11.510	0.003	136344	750.000	786.6	35.48- 106.46	75.01
11.566	11.566	0.000	160388	750.000	782.6	3.33- 9.98	88.24
Average of Peak Amounts =					777.380		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	170623	750.000	759.0	50.00- 150.00	100.00
15.520	15.520	0.000	223725	750.000	764.3	50.00- 150.00	131.12
16.966	16.966	0.000	596607	750.000	752.1	31.30- 93.90	349.66
17.050	17.050	0.000	651427	750.000	766.0	2.81- 8.43	381.79
17.486	17.483	0.003	487442	750.000	759.5	24.39- 73.17	285.68
Average of Peak Amounts =					760.180		

Data File: 030F3001.D

Date: 20-SEP-2011 03:39

Client ID: Instrument: GC_W.i

Sample Info: IC-901404,4268-5 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\031F3101.D
Lab Smp Id: IC-901422
Inj Date : 20-SEP-2011 04:11
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901422,4268-4
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:11 Cal File: 031F3101.D
Als bottle: 31 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None

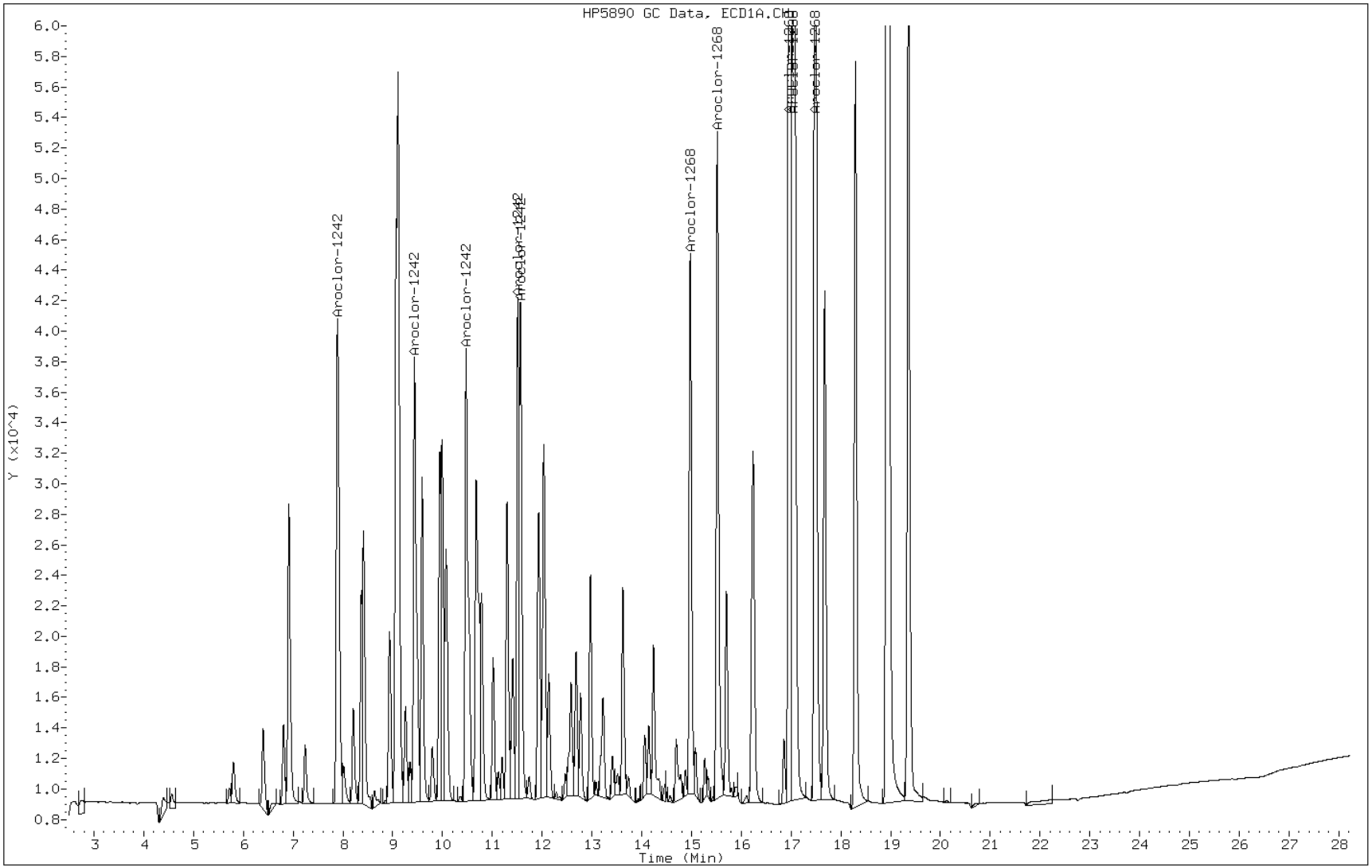
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	133604	500.000	538.6	50.00- 150.00	100.00
9.436	9.436	0.000	121404	500.000	530.2	108.83- 326.48	90.87
10.473	10.473	0.000	132773	500.000	516.0	83.74- 251.22	99.38
11.510	11.510	0.000	93733	500.000	522.7	35.48- 106.46	70.16
11.566	11.566	0.000	115118	500.000	540.0	3.33- 9.98	86.16
		Average of Peak Amounts =			529.500		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	118792	500.000	513.3	50.00- 150.00	100.00
15.520	15.520	0.000	155769	500.000	510.1	50.00- 150.00	131.13
16.966	16.966	0.000	433938	500.000	527.2	31.30- 93.90	365.29
17.050	17.050	0.000	466706	500.000	529.6	2.81- 8.43	392.88
17.483	17.483	0.000	350923	500.000	528.5	24.39- 73.17	295.41
		Average of Peak Amounts =			521.740		

Data File: 031F3101.D

Date: 20-SEP-2011 04:11

Client ID: Instrument: GC_W.i

Sample Info: IC-901422,4268-4 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\032F3201.D
Lab Smp Id: IC-901423
Inj Date : 20-SEP-2011 04:42
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901423,4268-3
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 04:42 Cal File: 032F3201.D
Als bottle: 32 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

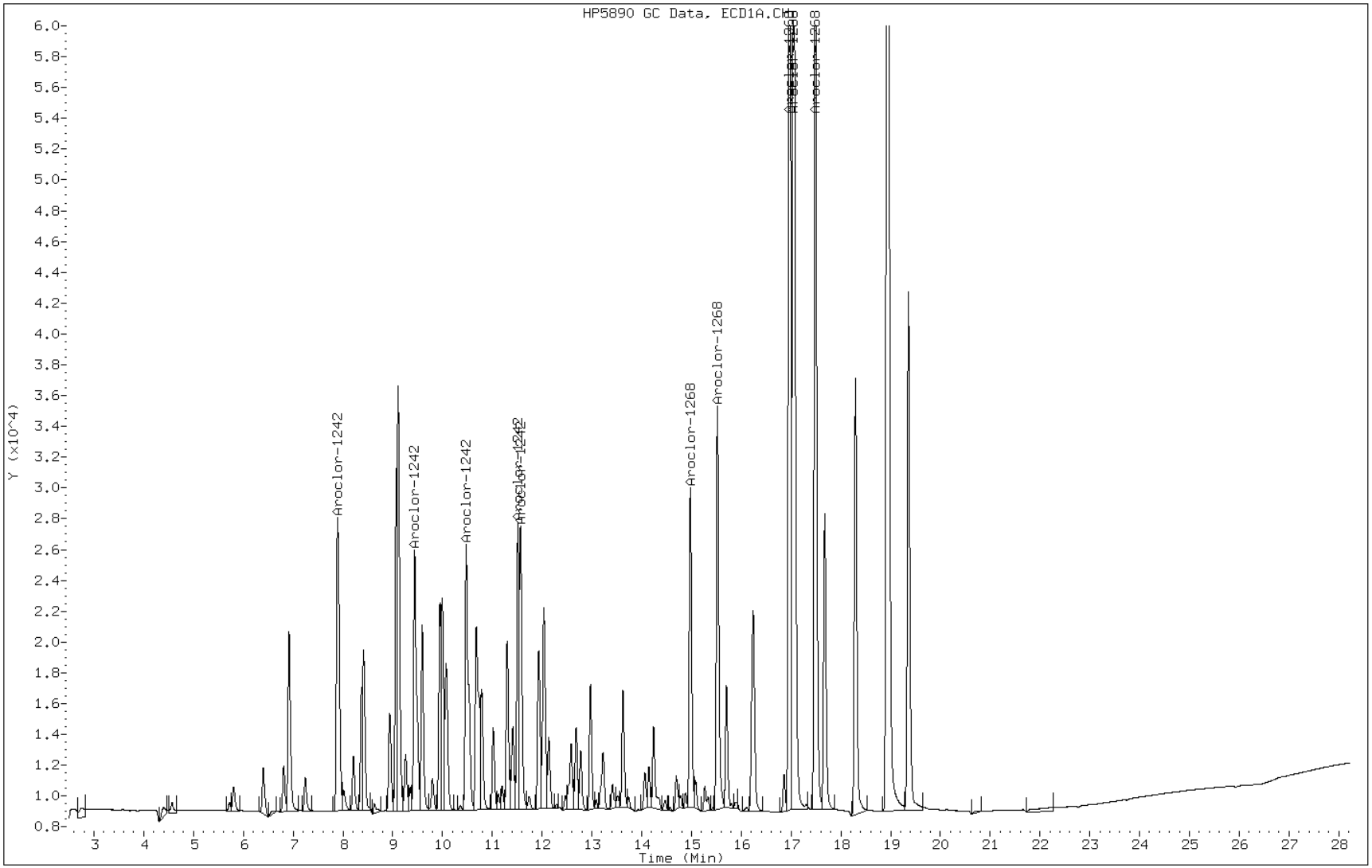
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.896	7.893	0.003	79066	250.000	297.2	50.00- 150.00	100.00
9.440	9.436	0.004	70467	250.000	293.6	108.83- 326.48	89.12
10.476	10.473	0.003	78051	250.000	291.5	83.74- 251.22	98.72
11.513	11.510	0.003	54516	250.000	289.3	35.48- 106.46	68.95
11.566	11.566	0.000	64118	250.000	287.3	3.33- 9.98	81.09
Average of Peak Amounts =					291.780		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	69070	250.000	281.9	50.00- 150.00	100.00
15.520	15.520	0.000	93210	250.000	289.3	50.00- 150.00	134.95
16.966	16.966	0.000	257111	250.000	294.6	31.30- 93.90	372.25
17.050	17.050	0.000	269962	250.000	290.0	2.81- 8.43	390.85
17.486	17.483	0.003	202801	250.000	289.0	24.39- 73.17	293.62
Average of Peak Amounts =					288.960		

Data File: 032F3201.D

Date: 20-SEP-2011 04:42

Client ID: Instrument: GC_W.i

Sample Info: IC-901423,4268-3 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\033F3301.D
Lab Smp Id: IC-901429
Inj Date : 20-SEP-2011 05:14
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901429,4268-2
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:14 Cal File: 033F3301.D
Als bottle: 33 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

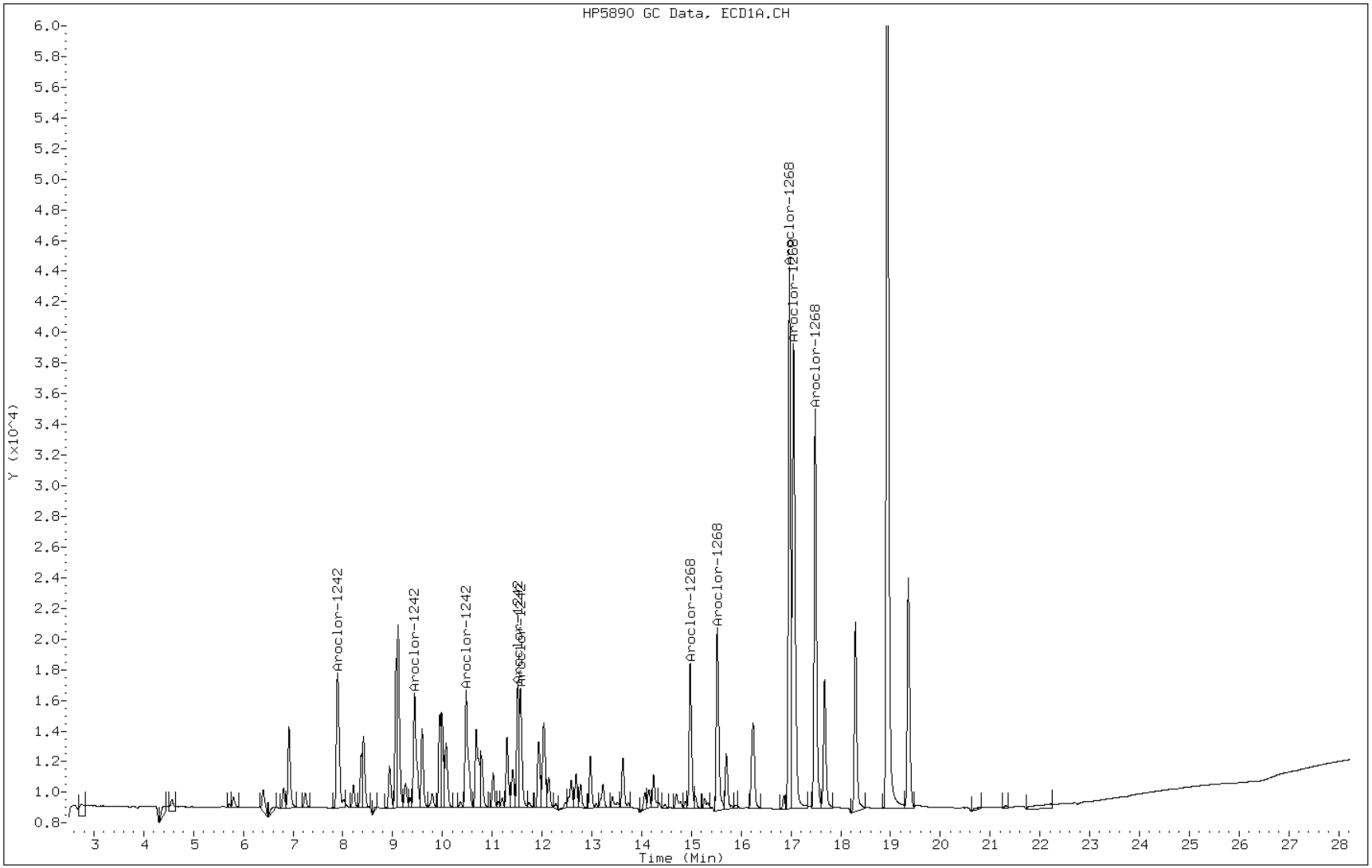
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	37331	100.000	108.2	50.00- 150.00	100.00
9.440	9.436	0.004	30636	100.000	103.2	108.83- 326.48	82.07
10.476	10.473	0.003	32301	100.000	99.77	83.74- 251.22	86.53
11.513	11.510	0.003	23341	100.000	100.8	35.48- 106.46	62.53
11.566	11.566	0.000	27100	100.000	99.15	3.33- 9.98	72.59
Average of Peak Amounts =					102.224		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	31005	100.000	104.1	50.00- 150.00	100.00
15.520	15.520	0.000	42915	100.000	107.4	50.00- 150.00	138.41
16.966	16.966	0.000	114348	100.000	103.7	31.30- 93.90	368.80
17.050	17.050	0.000	120107	100.000	103.7	2.81- 8.43	387.37
17.486	17.483	0.003	89494	100.000	102.7	24.39- 73.17	288.64
Average of Peak Amounts =					104.320		

Data File: 033F3301.D

Date: 20-SEP-2011 05:14

Client ID: Instrument: GC_W.i

Sample Info: IC-901429,4268-2 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\034F3401.D
Lab Smp Id: IC-901430
Inj Date : 20-SEP-2011 05:46
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-901430,4268-1
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 05:46 Cal File: 034F3401.D
Als bottle: 34 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

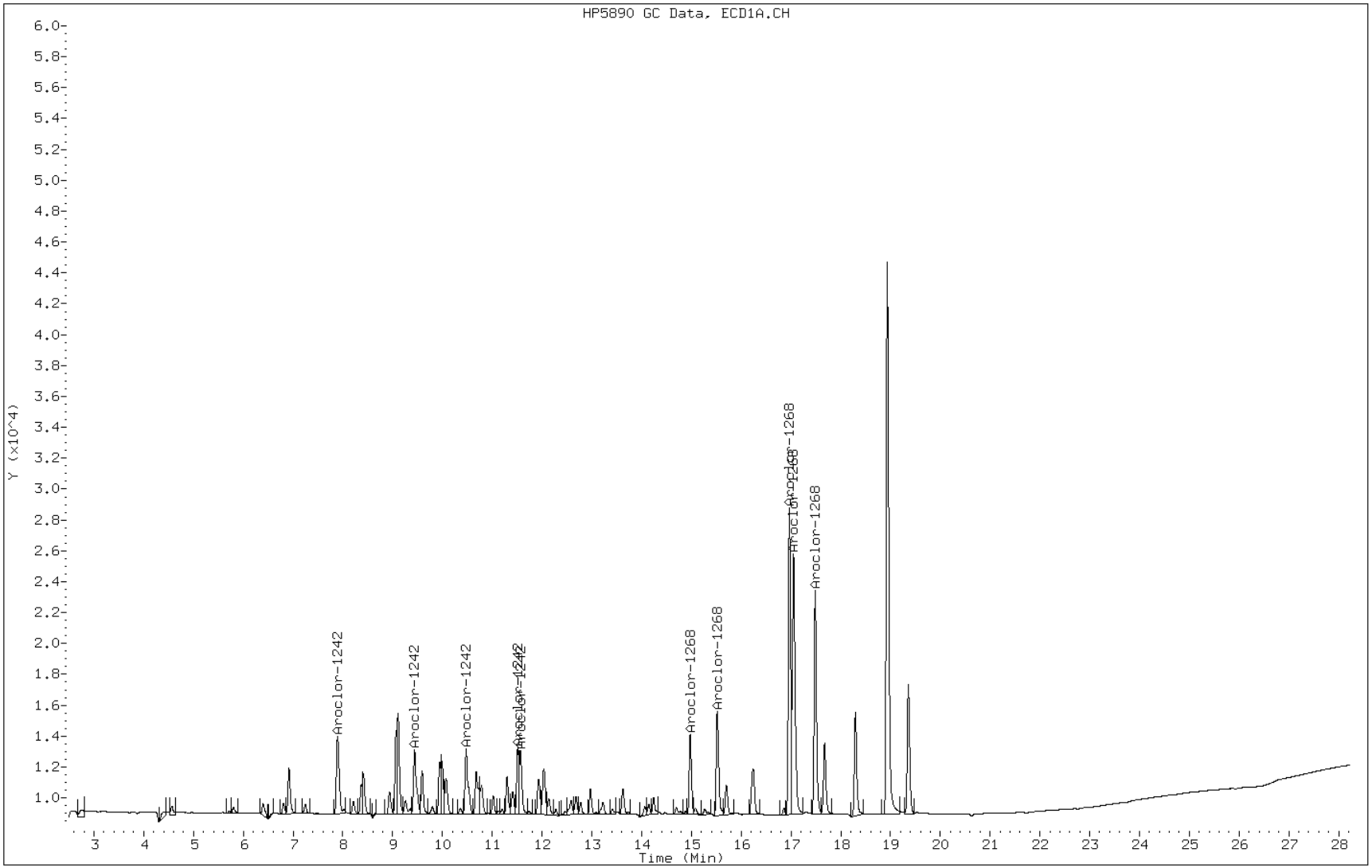
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	20891	50.0000	32.74	50.00- 150.00	100.00
9.440	9.436	0.004	16755	50.0000	35.56	108.83- 326.48	80.20
10.476	10.473	0.003	17707	50.0000	37.83	83.74- 251.22	84.76
11.513	11.510	0.003	12551	50.0000	34.71	35.48- 106.46	60.08
11.566	11.566	0.000	14421	50.0000	34.18	3.33- 9.98	69.03
Average of Peak Amounts =					35.0040		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	16450	50.0000	36.53	50.00- 150.00	100.00
15.520	15.520	0.000	24192	50.0000	38.63	50.00- 150.00	147.06
16.966	16.966	0.000	63896	50.0000	35.45	31.30- 93.90	388.41
17.050	17.050	0.000	65527	50.0000	35.13	2.81- 8.43	398.32
17.486	17.483	0.003	49206	50.0000	35.83	24.39- 73.17	299.11
Average of Peak Amounts =					36.3140		

Data File: 034F3401.D

Date: 20-SEP-2011 05:46

Client ID: Instrument: GC_W.i

Sample Info: IC-901430,4268-1 Operator: JAX



TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\035F3501.D
Lab Smp Id: IC-902071
Inj Date : 20-SEP-2011 06:17
Operator : JAX Inst ID: GC_W.i
Smp Info : IC-902071,4268-7
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 08:14 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 35 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

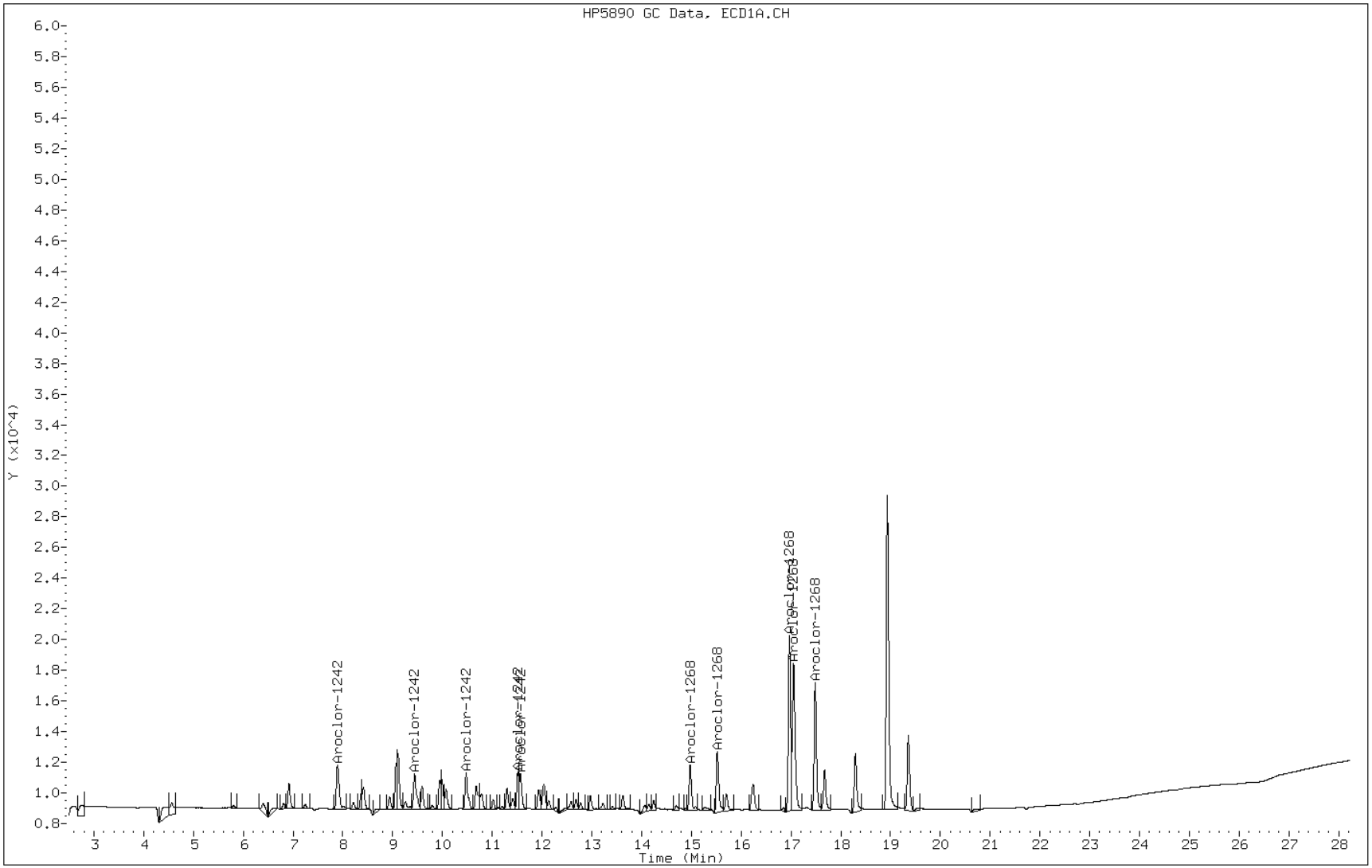
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	11861	25.0000	-9.3353	50.00- 150.00	100.00
9.440	9.436	0.004	9172	25.0000	-1.8590	108.83- 326.48	77.33
10.473	10.473	0.000	8928	25.0000	0.84986	83.74- 251.22	75.27
11.513	11.510	0.003	6952	25.0000	0.22850	35.48- 106.46	58.62
11.566	11.566	0.000	8047	25.0000	0.58652	3.33- 9.98	67.84
		Average of Peak Amounts =			-1.9059		
8 Aroclor-1268					CAS #:		
14.976	14.976	0.000	9962	25.0000	5.4777	50.00- 150.00	100.00
15.520	15.520	0.000	14684	25.0000	2.7756	50.00- 150.00	147.40
16.966	16.966	0.000	36851	25.0000	-1.6519	31.30- 93.90	369.91
17.053	17.050	0.003	37158	25.0000	-1.2361	2.81- 8.43	372.99
17.486	17.483	0.003	28073	25.0000	0.17264	24.39- 73.17	281.80
		Average of Peak Amounts =			1.10759		

Data File: 035F3501.D

Date: 20-SEP-2011 06:17

Client ID: Instrument: GC_W.i

Sample Info: IC-902071,4268-7 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1248 Peak 1	Lin	174.3	153.4		257	250	2.6	20.0
PCB-1248 Peak 2	Lin	327.8	271.2		236	250	-5.7	20.0
PCB-1248 Peak 3	Lin	349.6	302.0		248	250	-0.9	20.0
PCB-1248 Peak 4	Lin	310.6	260.8		238	250	-4.6	20.0
PCB-1248 Peak 5	Lin	163.3	129.5		228	250	-8.8	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/36 Calibration Date: 09/20/2011 06:49

Instrument ID: GCS_W Calib Start Date: 09/19/2011 12:17

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 15:28

Lab File ID: 036F3601.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1248 Peak 1	7.89	7.69	8.09
PCB-1248 Peak 2	11.51	11.31	11.71
PCB-1248 Peak 3	11.57	11.36	11.76
PCB-1248 Peak 4	12.04	11.83	12.23
PCB-1248 Peak 5	13.62	13.42	13.82

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\036F3601.D
Lab Smp Id: ICV-900863
Inj Date : 20-SEP-2011 06:49
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900863, 1248
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 36 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

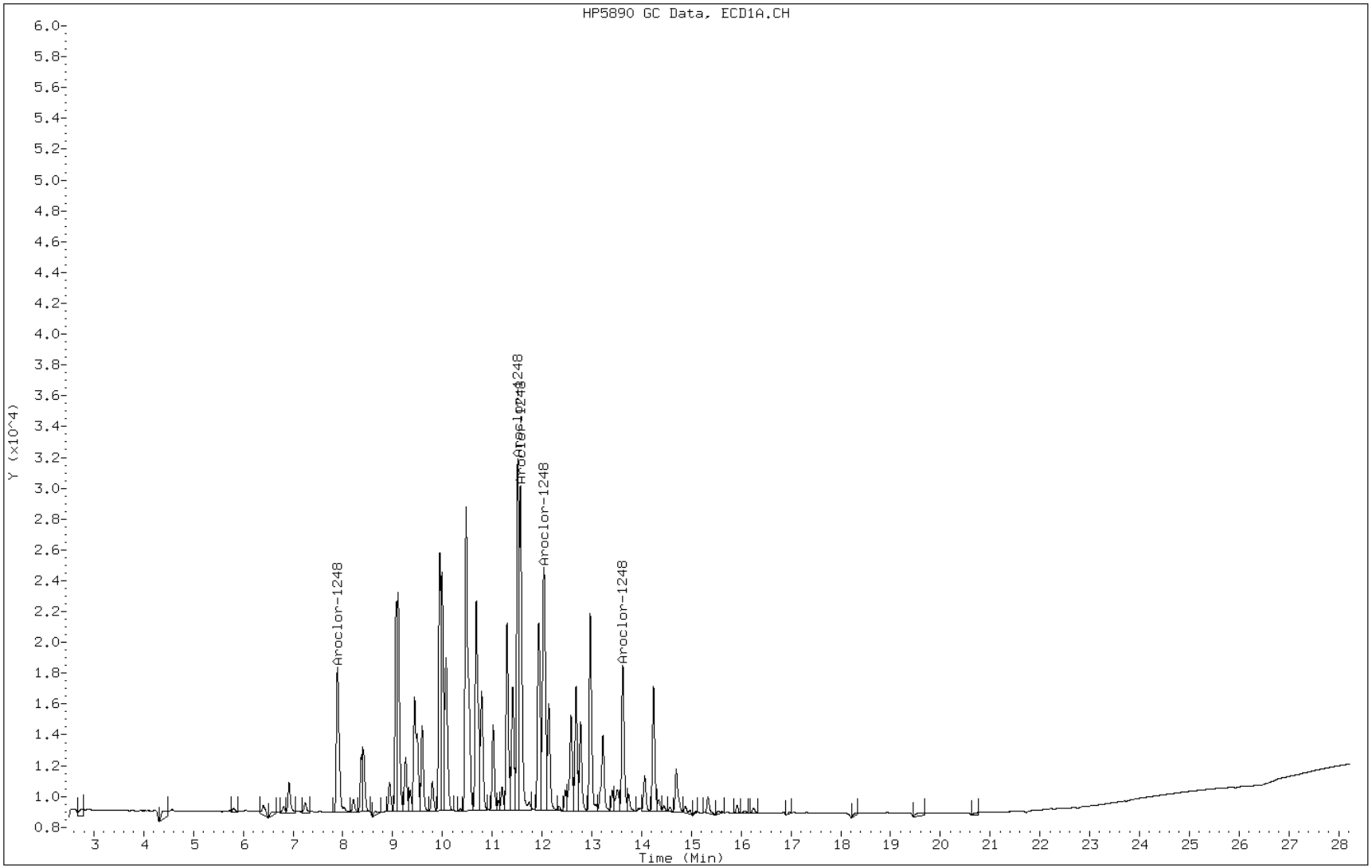
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
5 Aroclor-1248					CAS #: 12672-29-6		
7.893	7.890	0.003	38342	250.000	256.5	50.00- 150.00	100.00
11.513	11.506	0.007	67796	250.000	235.7	41.73- 125.19	176.82
11.566	11.560	0.006	75497	250.000	247.7	16.31- 48.91	196.90
12.036	12.033	0.003	65209	250.000	238.4	16.50- 49.50	170.07
13.623	13.620	0.003	32365	250.000	227.9	11.54- 34.62	84.41
Average of Peak Amounts =					241.240		

Data File: 036F3601.D

Date: 20-SEP-2011 06:49

Client ID: Instrument: GC_W.i

Sample Info: ICV-900863, 1248 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1221 Peak 1	Lin	135.3	115.0		264	250	5.5	20.0
PCB-1221 Peak 2	Lin	80.82	69.72		247	250	-1.3	20.0
PCB-1221 Peak 3	Lin	272.6	233.4		252	250	1.0	20.0
PCB-1254 Peak 1	Lin	347.9	289.8		246	250	-1.6	20.0
PCB-1254 Peak 2	Lin	445.3	375.8		248	250	-0.7	20.0
PCB-1254 Peak 3	Lin	547.8	466.1		241	250	-3.5	20.0
PCB-1254 Peak 4	Lin	435.5	372.2		247	250	-1.3	20.0
PCB-1254 Peak 5	Lin	579.0	497.6		243	250	-2.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/37 Calibration Date: 09/20/2011 07:21

Instrument ID: GCS_W Calib Start Date: 09/19/2011 16:00

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 19:11

Lab File ID: 037F3701.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1221 Peak 1	6.39	6.19	6.59
PCB-1221 Peak 2	6.81	6.60	7.00
PCB-1221 Peak 3	6.91	6.71	7.11
PCB-1254 Peak 1	11.41	11.21	11.61
PCB-1254 Peak 2	12.05	11.85	12.25
PCB-1254 Peak 3	12.97	12.76	13.16
PCB-1254 Peak 4	14.06	13.86	14.26
PCB-1254 Peak 5	14.69	14.49	14.89

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\037F3701.D
Lab Smp Id: ICV-900871
Inj Date : 20-SEP-2011 07:21
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-900871, 2154
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 37 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR2154.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

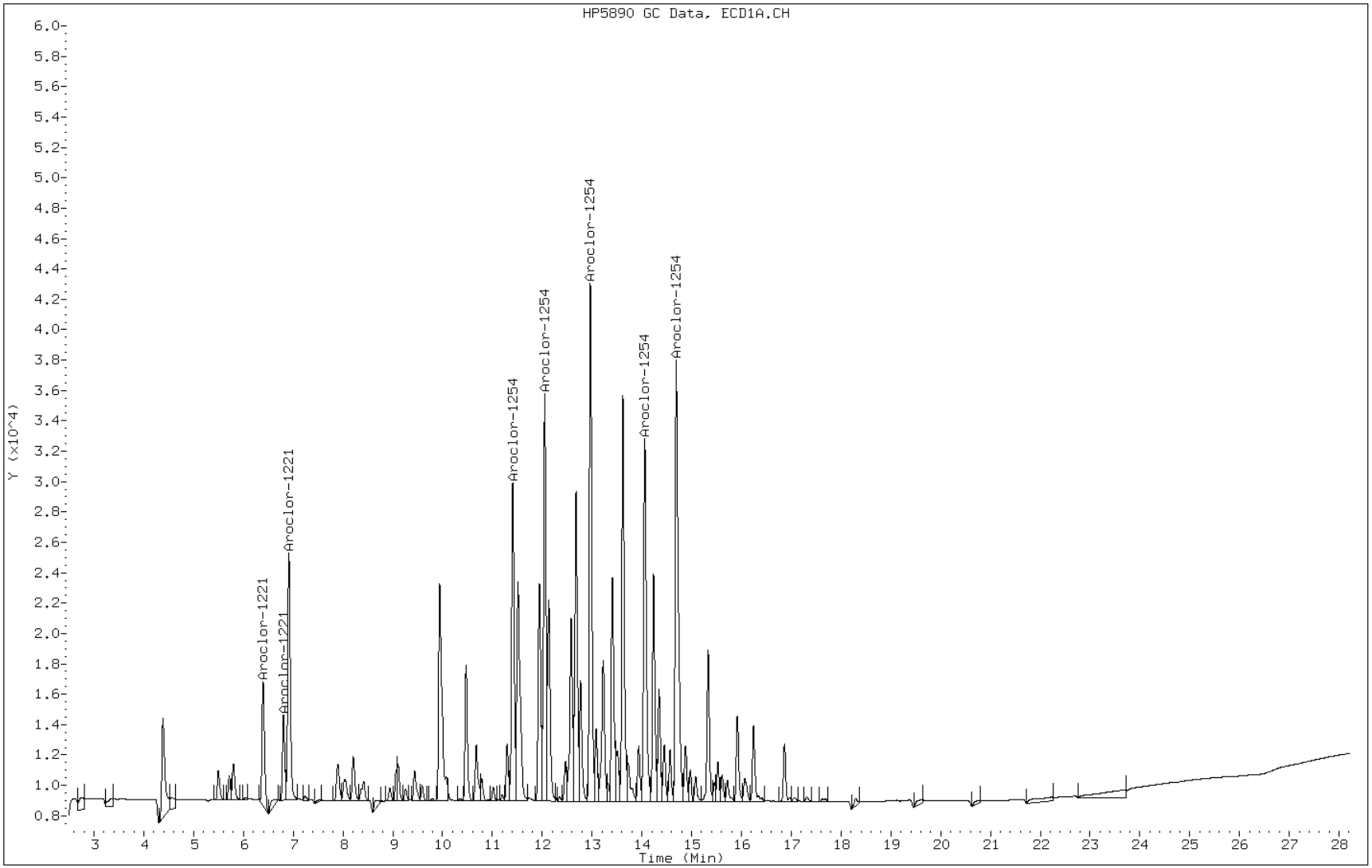
				AMOUNTS			
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
2 Aroclor-1221					CAS #: 11104-28-2		
6.393	6.393	0.000	28754	250.000	263.7	50.00- 150.00	100.00
6.806	6.803	0.003	17429	250.000	246.8	55.26- 165.78	60.61
6.913	6.910	0.003	58345	250.000	252.4	317.01- 951.03	202.91
		Average of Peak Amounts =			254.300		
6 Aroclor-1254					CAS #: 11097-69-1		
11.410	11.406	0.004	72447	250.000	245.9	50.00- 150.00	100.00
12.050	12.046	0.004	93962	250.000	248.2	11.81- 35.43	129.70
12.966	12.963	0.003	116530	250.000	241.3	38.91- 116.75	160.85
14.060	14.056	0.004	93039	250.000	246.8	305.32- 915.96	128.42
14.693	14.690	0.003	124391	250.000	243.4	12.43- 37.29	171.70
		Average of Peak Amounts =			245.120		

Data File: 037F3701.D

Date: 20-SEP-2011 07:21

Client ID: Instrument: GC_W.i

Sample Info: ICV-900871, 2154 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1232 Peak 1	Lin	224.1	203.9		268	250	7.1	20.0
PCB-1232 Peak 2	Lin	197.9	173.4		256	250	2.2	20.0
PCB-1232 Peak 3	Lin	166.0	146.0		248	250	-0.8	20.0
PCB-1232 Peak 4	Lin	105.3	92.92		246	250	-1.7	20.0
PCB-1232 Peak 5	Lin	118.5	102.4		240	250	-4.0	20.0
PCB-1262 Peak 1	Lin	389.0	331.1		248	250	-0.8	15.0
PCB-1262 Peak 2	Lin	552.1	447.1		232	250	-7.4	15.0
PCB-1262 Peak 3	Lin	509.0	418.5		239	250	-4.4	15.0
PCB-1262 Peak 4	Lin	949.4	802.5		245	250	-2.1	15.0
PCB-1262 Peak 5	Lin	385.1	315.3		242	250	-3.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/38 Calibration Date: 09/20/2011 08:24

Instrument ID: GCS_W Calib Start Date: 09/19/2011 23:25

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 02:36

Lab File ID: 039F3901.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1232 Peak 1	6.91	6.71	7.11
PCB-1232 Peak 2	7.89	7.69	8.09
PCB-1232 Peak 3	9.44	9.24	9.64
PCB-1232 Peak 4	11.51	11.31	11.71
PCB-1232 Peak 5	11.57	11.37	11.77
PCB-1262 Peak 1	13.41	13.21	13.61
PCB-1262 Peak 2	14.97	14.77	15.17
PCB-1262 Peak 3	15.52	15.32	15.72
PCB-1262 Peak 4	16.24	16.04	16.44
PCB-1262 Peak 5	18.29	18.09	18.49

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\039F3901.D
Lab Smp Id: ICV-901331
Inj Date : 20-SEP-2011 08:24
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901331, 3262
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 39 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR3262.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

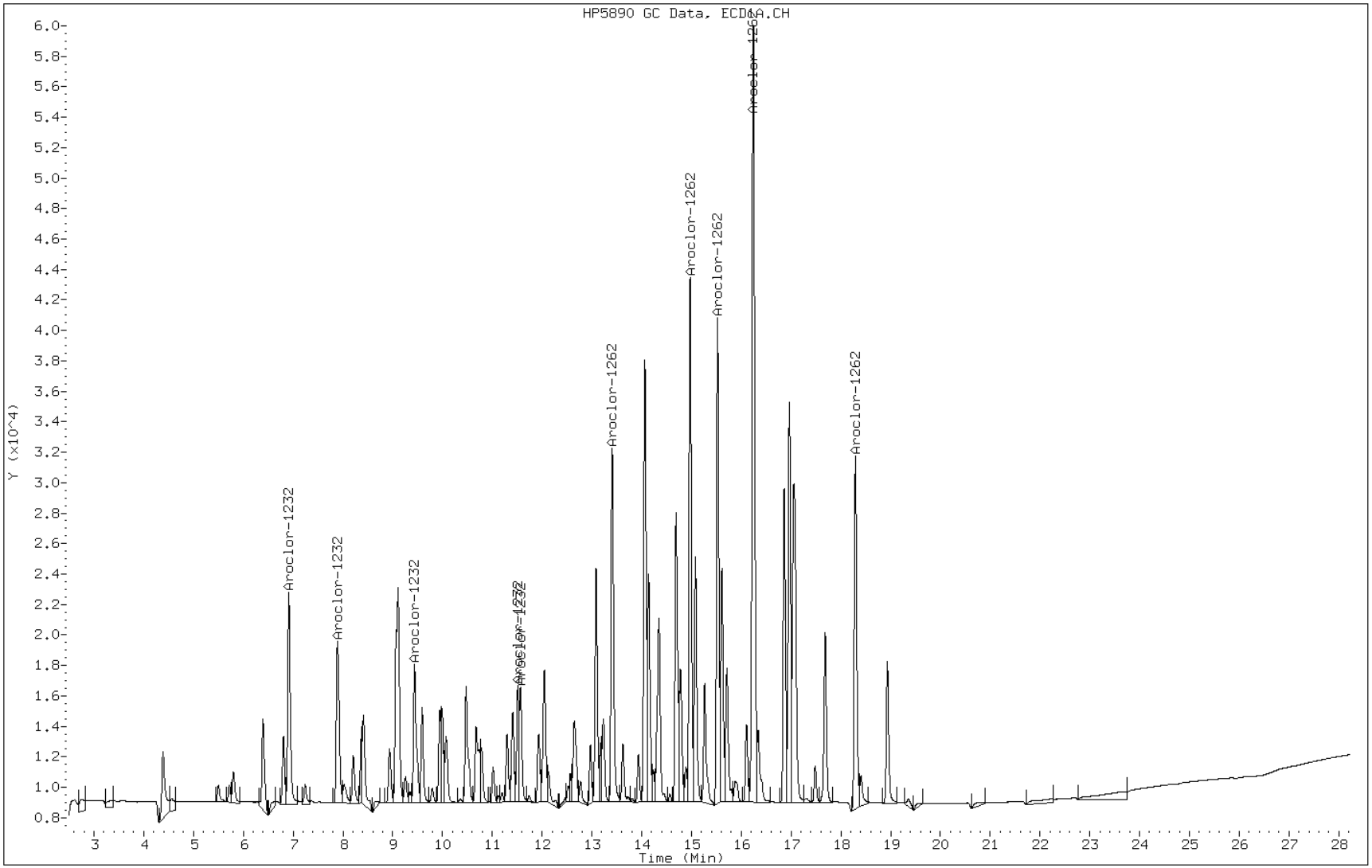
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
3 Aroclor-1232					CAS #: 11141-16-5		
6.913	6.913	0.000	50981	250.000	267.7	50.00- 150.00	100.00
7.893	7.893	0.000	43348	250.000	255.6	317.01- 951.03	85.03
9.440	9.440	0.000	36493	250.000	248.0	689.98-2069.93	71.58
11.510	11.510	0.000	23229	250.000	245.8	517.87-1553.61	45.56
11.566	11.566	0.000	25591	250.000	239.9	268.49- 805.46	50.20
Average of Peak Amounts =					251.400		
9 Aroclor-1262					CAS #:		
13.406	13.410	-0.004	82774	250.000	248.1	50.00- 150.00	100.00
14.973	14.973	0.000	111763	250.000	231.5	191.51- 574.53	135.02
15.523	15.523	0.000	104620	250.000	239.0	77.67- 233.02	126.39
16.240	16.243	-0.003	200624	250.000	244.8	80.58- 241.76	242.37
18.293	18.293	0.000	78835	250.000	242.2	46.50- 139.50	95.24
Average of Peak Amounts =					241.120		

Data File: 039F3901.D

Date: 20-SEP-2011 08:24

Client ID: Instrument: GC_W.i

Sample Info: ICV-901331, 3262 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1242 Peak 1	Lin	331.3	296.0		270	250	8.1	20.0
PCB-1242 Peak 2	Lin	281.7	259.6		262	250	4.9	20.0
PCB-1242 Peak 3	Lin	301.6	290.1		265	250	6.1	20.0
PCB-1242 Peak 4	Lin	216.4	200.4		260	250	4.0	20.0
PCB-1242 Peak 5	Lin	254.2	241.3		264	250	5.6	20.0
PCB-1268 Peak 1	Lin	285.4	252.0		253	250	1.2	15.0
PCB-1268 Peak 2	Lin	395.7	347.2		262	250	4.8	15.0
PCB-1268 Peak 3	Lin	1051	951.2		266	250	6.4	15.0
PCB-1268 Peak 4	Lin	1100	1006		264	250	5.5	15.0
PCB-1268 Peak 5	Lin	826.8	752.5		262	250	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/39 Calibration Date: 09/20/2011 08:56

Instrument ID: GCS_W Calib Start Date: 09/20/2011 03:07

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/20/2011 06:17

Lab File ID: 040F4001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1242 Peak 1	7.89	7.69	8.09
PCB-1242 Peak 2	9.44	9.24	9.64
PCB-1242 Peak 3	10.47	10.27	10.67
PCB-1242 Peak 4	11.51	11.31	11.71
PCB-1242 Peak 5	11.56	11.37	11.77
PCB-1268 Peak 1	14.97	14.78	15.18
PCB-1268 Peak 2	15.52	15.32	15.72
PCB-1268 Peak 3	16.96	16.77	17.17
PCB-1268 Peak 4	17.05	16.85	17.25
PCB-1268 Peak 5	17.48	17.28	17.68

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\040F4001.D
Lab Smp Id: ICV-901401
Inj Date : 20-SEP-2011 08:56
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901401, 4268
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 40 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR4268.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

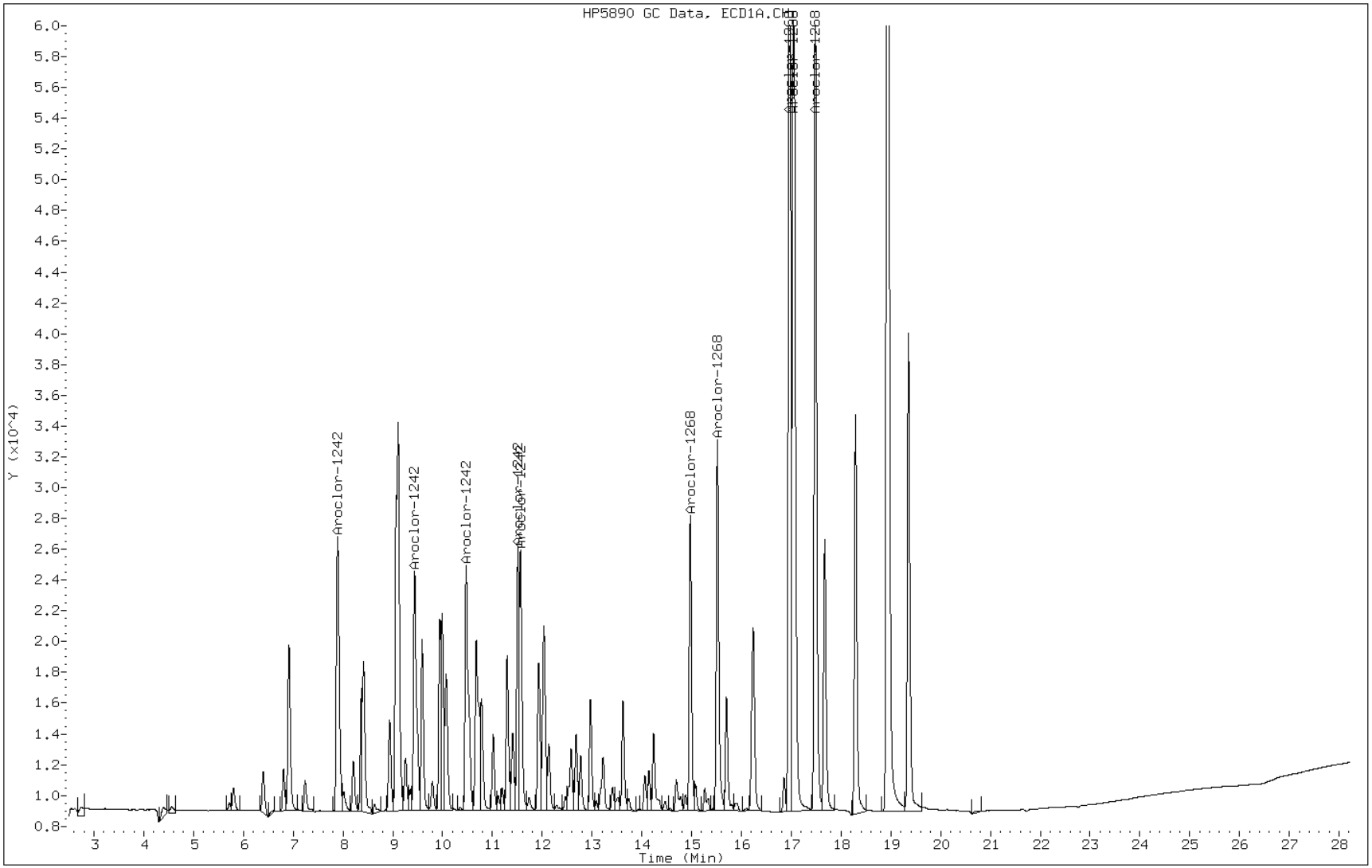
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
4 Aroclor-1242					CAS #: 53469-21-9		
7.893	7.893	0.000	74002	250.000	270.3	50.00- 150.00	100.00
9.436	9.436	0.000	64897	250.000	262.3	108.83- 326.48	87.70
10.473	10.473	0.000	72521	250.000	265.4	83.74- 251.22	98.00
11.510	11.510	0.000	50095	250.000	260.0	35.48- 106.46	67.69
11.563	11.566	-0.003	60320	250.000	264.0	3.33- 9.98	81.51
		Average of Peak Amounts =			264.400		
8 Aroclor-1268					CAS #:		
14.973	14.976	-0.003	62990	250.000	252.9	50.00- 150.00	100.00
15.516	15.520	-0.004	86788	250.000	262.1	50.00- 150.00	137.78
16.963	16.966	-0.003	237806	250.000	266.0	31.30- 93.90	377.53
17.046	17.050	-0.004	251612	250.000	263.8	2.81- 8.43	399.45
17.483	17.483	0.000	188116	250.000	262.1	24.39- 73.17	298.65
		Average of Peak Amounts =			261.380		

Data File: 040F4001.D

Date: 20-SEP-2011 08:56

Client ID: Instrument: GC_W.i

Sample Info: ICV-901401, 4268 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	176.4		244	250	-2.4	20.0
PCB-1016 Peak 2	Lin	430.1	352.9		253	250	1.2	20.0
PCB-1016 Peak 3	Lin	369.6	301.2		242	250	-3.3	20.0
PCB-1016 Peak 4	Lin	355.5	246.9		192	250	-23.3*	20.0
PCB-1016 Peak 5	Lin	253.3	243.4		308	250	23.0*	20.0
PCB-1260 Peak 1	Lin	445.1	397.3		246	250	-1.6	20.0
PCB-1260 Peak 2	Lin	861.6	668.1		251	250	0.4	20.0
PCB-1260 Peak 3	Lin	831.5	636.7		232	250	-7.3	20.0
PCB-1260 Peak 4	Lin	831.9	623.9		229	250	-8.4	20.0
PCB-1260 Peak 5	Lin	432.5	259.7		165	250	-33.9*	20.0
Tetrachloro-m-xylene	Lin	8879	7816		12.1	12.5	-2.9	20.0
DCB Decachlorobiphenyl	Lin	8164	6569		11.4	12.5	-8.9	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: ICV 280-86911/40 Calibration Date: 09/20/2011 09:32

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 041F4101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.93	6.71	7.11
PCB-1016 Peak 2	7.91	7.69	8.09
PCB-1016 Peak 3	9.45	9.24	9.64
PCB-1016 Peak 4	10.48	10.27	10.67
PCB-1016 Peak 5	12.06	11.85	12.25
PCB-1260 Peak 1	13.41	13.21	13.61
PCB-1260 Peak 2	14.07	13.86	14.26
PCB-1260 Peak 3	14.70	14.49	14.89
PCB-1260 Peak 4	16.25	16.04	16.44
PCB-1260 Peak 5	16.87	16.66	17.06
Tetrachloro-m-xylene	5.81	5.59	5.99
DCB Decachlorobiphenyl	19.36	19.16	19.56

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\041F4101.D
Lab Smp Id: ICV-901145
Inj Date : 20-SEP-2011 09:32
Operator : JAX Inst ID: GC_W.i
Smp Info : ICV-901145, 1660
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\091911I1.B\8082W-1.m
Meth Date : 20-Sep-2011 10:05 jacksonto Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 41 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

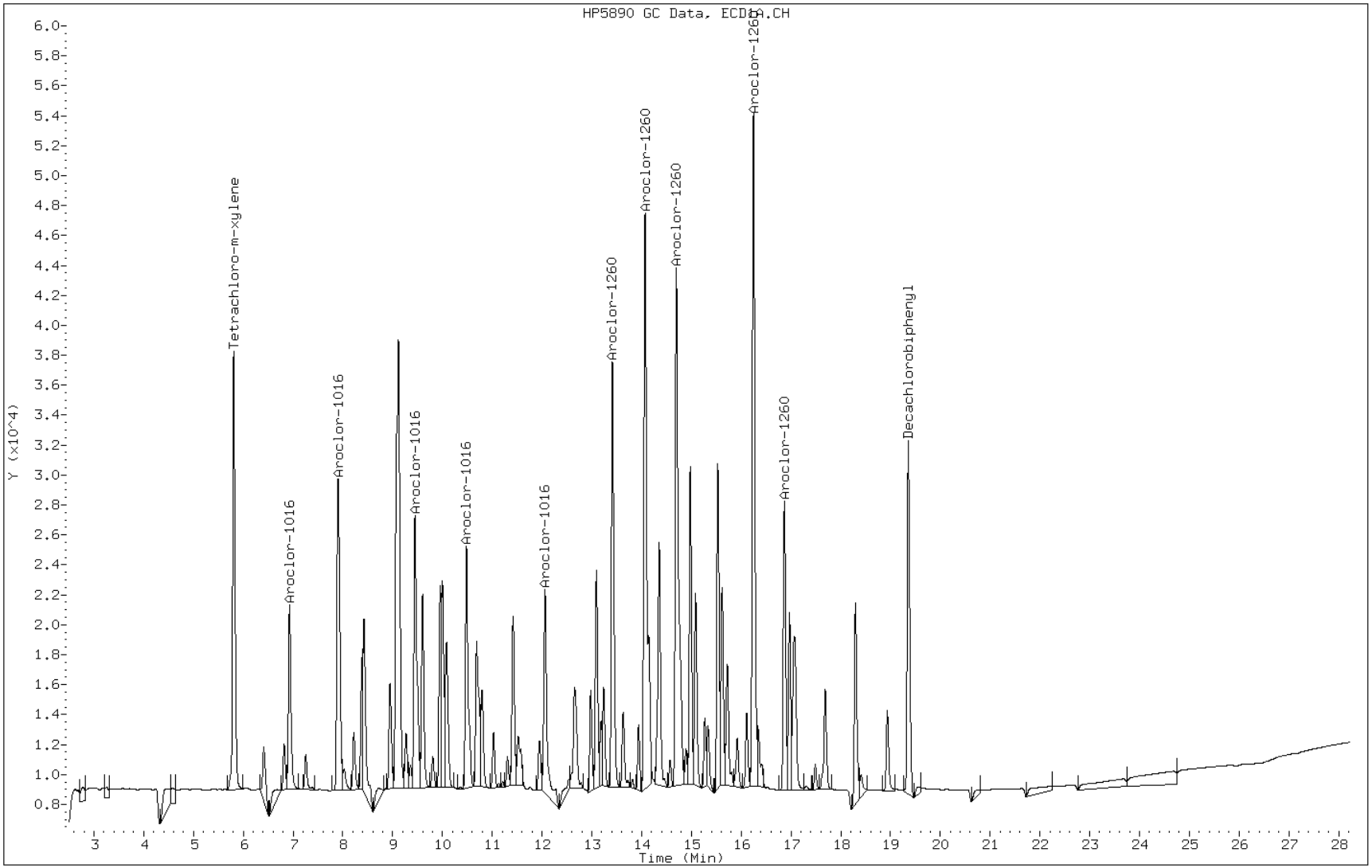
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.926	6.913	0.013	44088	250.000	244.0	50.00- 150.00	100.00
7.906	7.890	0.016	88229	250.000	252.9	38.38- 115.14	200.12
9.446	9.436	0.010	75293	250.000	241.8	21.89- 65.67	170.78
10.483	10.473	0.010	61718	250.000	191.8	19.98- 59.94	139.99
12.060	12.050	0.010	60838	250.000	307.5	19.98- 59.94	137.99
Average of Peak Amounts =					247.600		
7 Aroclor-1260					CAS #: 11096-82-5		
13.413	13.406	0.007	99326	250.000	246.1	50.00- 150.00	100.00
14.070	14.063	0.007	167023	250.000	251.1	79.28- 237.84	168.16
14.696	14.693	0.003	159170	250.000	231.9	38.87- 116.60	160.25
16.246	16.243	0.003	155972	250.000	229.0	40.33- 120.99	157.03
16.866	16.863	0.003	64923	250.000	165.3	22.45- 67.34	65.36
Average of Peak Amounts =					224.680		
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.806	5.793	0.013	97706	12.5000	12.14		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.356	19.356	0.000	82115	12.5000	11.39		

Data File: 041F4101.D

Date: 20-SEP-2011 09:32

Client ID: Instrument: GC_W.i

Sample Info: ICV-901145, 1660 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	179.5		547	500	9.4	20.0
PCB-1016 Peak 2	Lin	430.1	344.9		558	500	11.6	20.0
PCB-1016 Peak 3	Lin	369.6	306.7		549	500	9.7	20.0
PCB-1016 Peak 4	Lin	355.5	285.8		508	500	1.5	20.0
PCB-1016 Peak 5	Lin	253.3	215.0		585	500	17.0	20.0
PCB-1260 Peak 1	Lin	445.1	400.2		542	500	8.5	20.0
PCB-1260 Peak 2	Lin	861.6	666.8		554	500	10.8	20.0
PCB-1260 Peak 3	Lin	831.5	661.5		536	500	7.3	20.0
PCB-1260 Peak 4	Lin	831.9	652.5		533	500	6.6	20.0
PCB-1260 Peak 5	Lin	432.5	333.7		501	500	0.1	20.0
Tetrachloro-m-xylene	Lin	8879	8190		27.3	25.0	9.2	20.0
DCB Decachlorobiphenyl	Lin	8164	6996		26.6	25.0	6.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCVRT 280-87305/1 Calibration Date: 09/20/2011 11:26

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 003F0301.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\003F0301.D
Lab Smp Id: CCVRT-982679kk
Inj Date : 20-SEP-2011 11:26
Operator : JAX Inst ID: GC_W.i
Smp Info : CCVRT-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.910	6.910	0.000	89772	500.000	547.1	50.00-	150.00	100.00
7.886	7.886	0.000	172441	500.000	557.8	38.38-	115.14	192.09
9.433	9.433	0.000	153342	500.000	548.5	21.89-	65.67	170.81
10.466	10.466	0.000	142889	500.000	507.7	19.98-	59.94	159.17
12.046	12.046	0.000	107493	500.000	584.9	19.98-	59.94	119.74
Average of Peak Amounts =					549.200			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.403	13.403	0.000	200093	500.000	542.5	50.00-	150.00	100.00
14.056	14.056	0.000	333412	500.000	553.8	79.28-	237.84	166.63
14.686	14.686	0.000	330753	500.000	536.3	38.87-	116.60	165.30

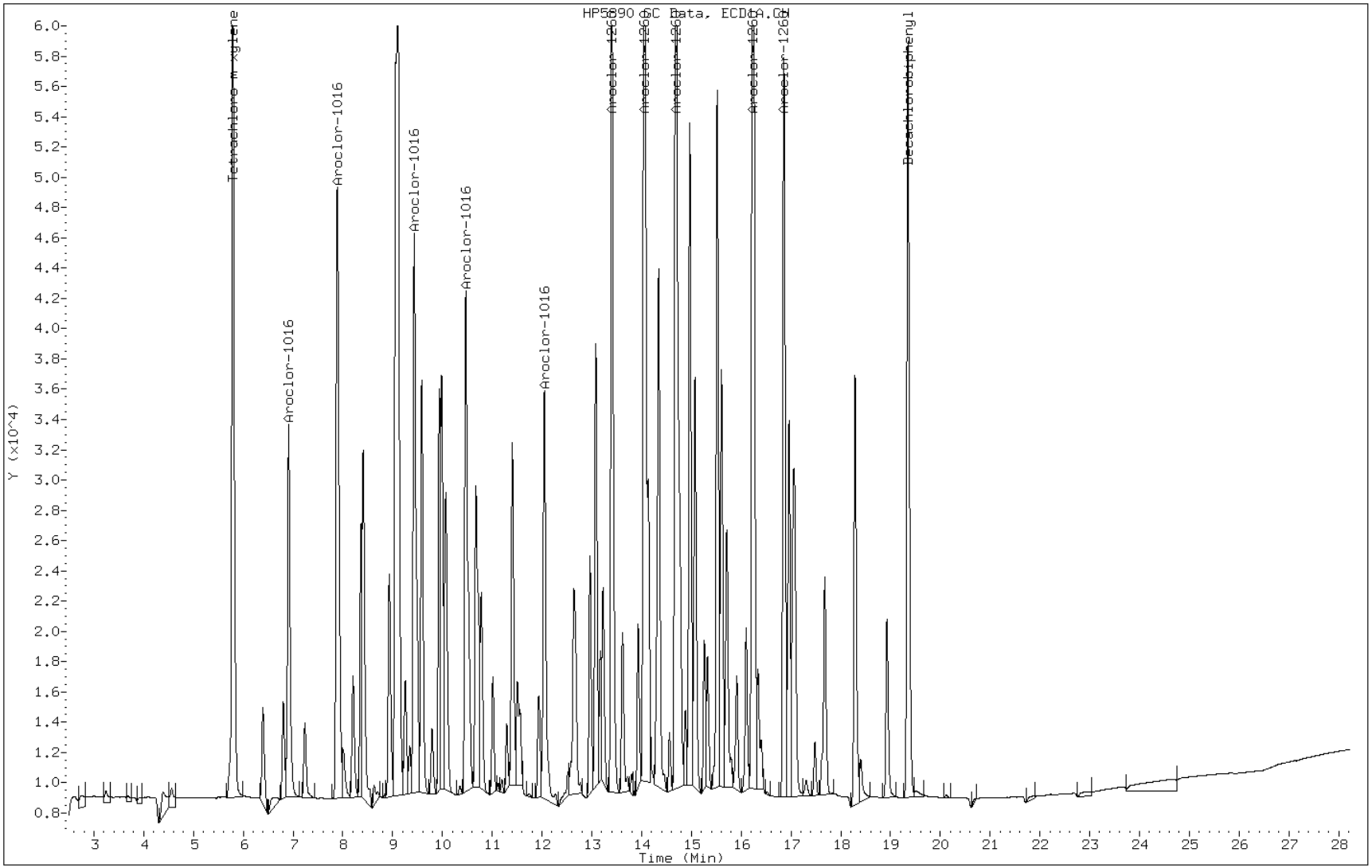
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.236	16.236	0.000	326272	500.000	533.0	40.33- 120.99	163.06
16.856	16.856	0.000	166861	500.000	500.6	22.45- 67.34	83.39
	Average of Peak Amounts =				533.240		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.790	0.000	204748	25.0000	27.30		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.350	19.350	0.000	174912	25.0000	26.58		

Data File: 003F0301.D

Date: 20-SEP-2011 11:26

Client ID: Instrument: GC_W.i

Sample Info: CCVRT-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	163.7		494	500	-1.1	20.0
PCB-1016 Peak 2	Lin	430.1	316.8		507	500	1.4	20.0
PCB-1016 Peak 3	Lin	369.6	285.0		506	500	1.2	20.0
PCB-1016 Peak 4	Lin	355.5	279.7		496	500	-0.8	20.0
PCB-1016 Peak 5	Lin	253.3	191.6		515	500	3.1	20.0
PCB-1260 Peak 1	Lin	445.1	373.2		503	500	0.5	20.0
PCB-1260 Peak 2	Lin	861.6	631.1		521	500	4.3	20.0
PCB-1260 Peak 3	Lin	831.5	620.5		500	500	-0.0	20.0
PCB-1260 Peak 4	Lin	831.9	614.0		499	500	-0.3	20.0
PCB-1260 Peak 5	Lin	432.5	330.1		495	500	-1.1	20.0
Tetrachloro-m-xylene	Lin	8879	7490		24.8	25.0	-0.7	20.0
DCB Decachlorobiphenyl	Lin	8164	6532		24.7	25.0	-1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/13 Calibration Date: 09/21/2011 17:39

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 060F6001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\060F6001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 17:39
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 60 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE		RATIO
1 Aroclor-1016					CAS #: 12674-11-2			
6.910	6.910	0.000	81826	500.000	494.4	50.00-	150.00	100.00
7.886	7.886	0.000	158394	500.000	506.9	38.38-	115.14	193.57
9.430	9.433	-0.003	142477	500.000	505.8	21.89-	65.67	174.12
10.466	10.466	0.000	139862	500.000	495.9	19.98-	59.94	170.93
12.046	12.046	0.000	95781	500.000	515.3	19.98-	59.94	117.05
Average of Peak Amounts =					503.660			
2 Aroclor-1221					CAS #: 11104-28-2			
Compound Not Detected								
3 Aroclor-1232					CAS #: 11141-16-5			
Compound Not Detected								
4 Aroclor-1242					CAS #: 53469-21-9			
Compound Not Detected								
5 Aroclor-1248					CAS #: 12672-29-6			
Compound Not Detected								
6 Aroclor-1254					CAS #: 11097-69-1			
Compound Not Detected								
7 Aroclor-1260					CAS #: 11096-82-5			
13.403	13.403	0.000	186583	500.000	502.7	50.00-	150.00	100.00
14.056	14.056	0.000	315554	500.000	521.3	79.28-	237.84	169.12
14.686	14.686	0.000	310272	500.000	499.9	38.87-	116.60	166.29

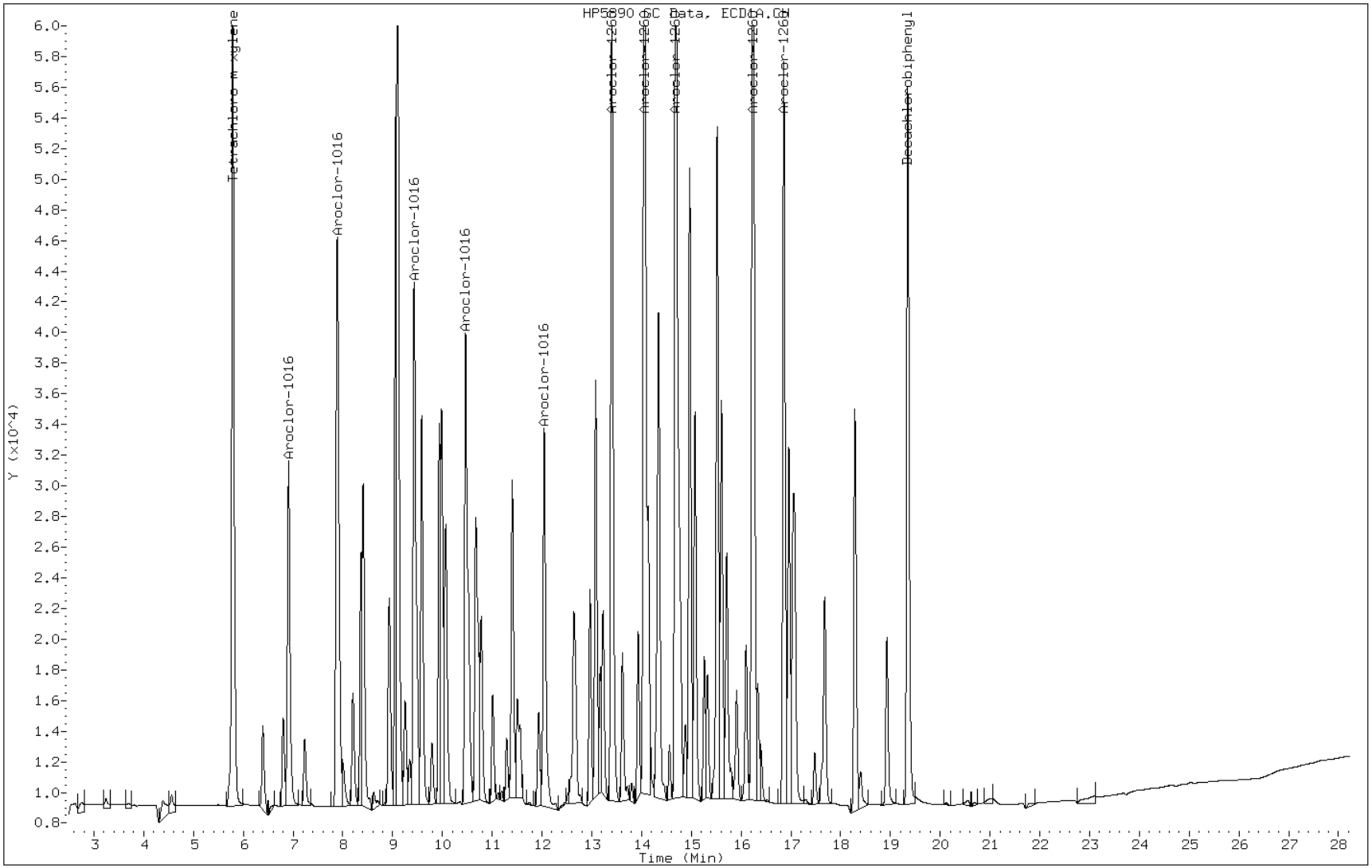
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.236	16.236	0.000	307021	500.000	498.7	40.33- 120.99	164.55
16.856	16.856	0.000	165047	500.000	494.6	22.45- 67.34	88.46
	Average of Peak Amounts =				503.440		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
5.790	5.790	0.000	187250	25.0000	24.82		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
19.350	19.350	0.000	163306	25.0000	24.68		

Data File: 060F6001.D

Date: 21-SEP-2011 17:39

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	170.6		517	500	3.5	20.0
PCB-1016 Peak 2	Lin	430.1	346.5		561	500	12.1	20.0
PCB-1016 Peak 3	Lin	369.6	300.2		536	500	7.2	20.0
PCB-1016 Peak 4	Lin	355.5	295.1		526	500	5.1	20.0
PCB-1016 Peak 5	Lin	253.3	194.0		523	500	4.5	20.0
PCB-1260 Peak 1	Lin	445.1	386.9		523	500	4.6	20.0
PCB-1260 Peak 2	Lin	861.6	644.4		533	500	6.7	20.0
PCB-1260 Peak 3	Lin	831.5	638.7		516	500	3.2	20.0
PCB-1260 Peak 4	Lin	831.9	618.2		502	500	0.5	20.0
PCB-1260 Peak 5	Lin	432.5	335.6		504	500	0.7	20.0
Tetrachloro-m-xylene	Lin	8879	7854		26.1	25.0	4.5	20.0
DCB Decachlorobiphenyl	Lin	8164	6575		24.9	25.0	-0.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/23 Calibration Date: 09/21/2011 22:57

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 070F7001.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.44	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.41	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.24	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\070F7001.D
Lab Smp Id: CCV-982679
Inj Date : 21-SEP-2011 22:57
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 70 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.913	6.910	0.003	85312	500.000	517.5	50.00- 150.00	100.00
7.890	7.886	0.004	173262	500.000	560.7	38.38- 115.14	203.09
9.436	9.433	0.003	150102	500.000	535.8	21.89- 65.67	175.94
10.473	10.466	0.007	147527	500.000	525.7	19.98- 59.94	172.93
12.050	12.046	0.004	97022	500.000	522.7	19.98- 59.94	113.73
Average of Peak Amounts =					532.480		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
13.406	13.403	0.003	193462	500.000	523.0	50.00- 150.00	100.00
14.060	14.056	0.004	322212	500.000	533.4	79.28- 237.84	166.55
14.690	14.686	0.004	319364	500.000	516.1	38.87- 116.60	165.08

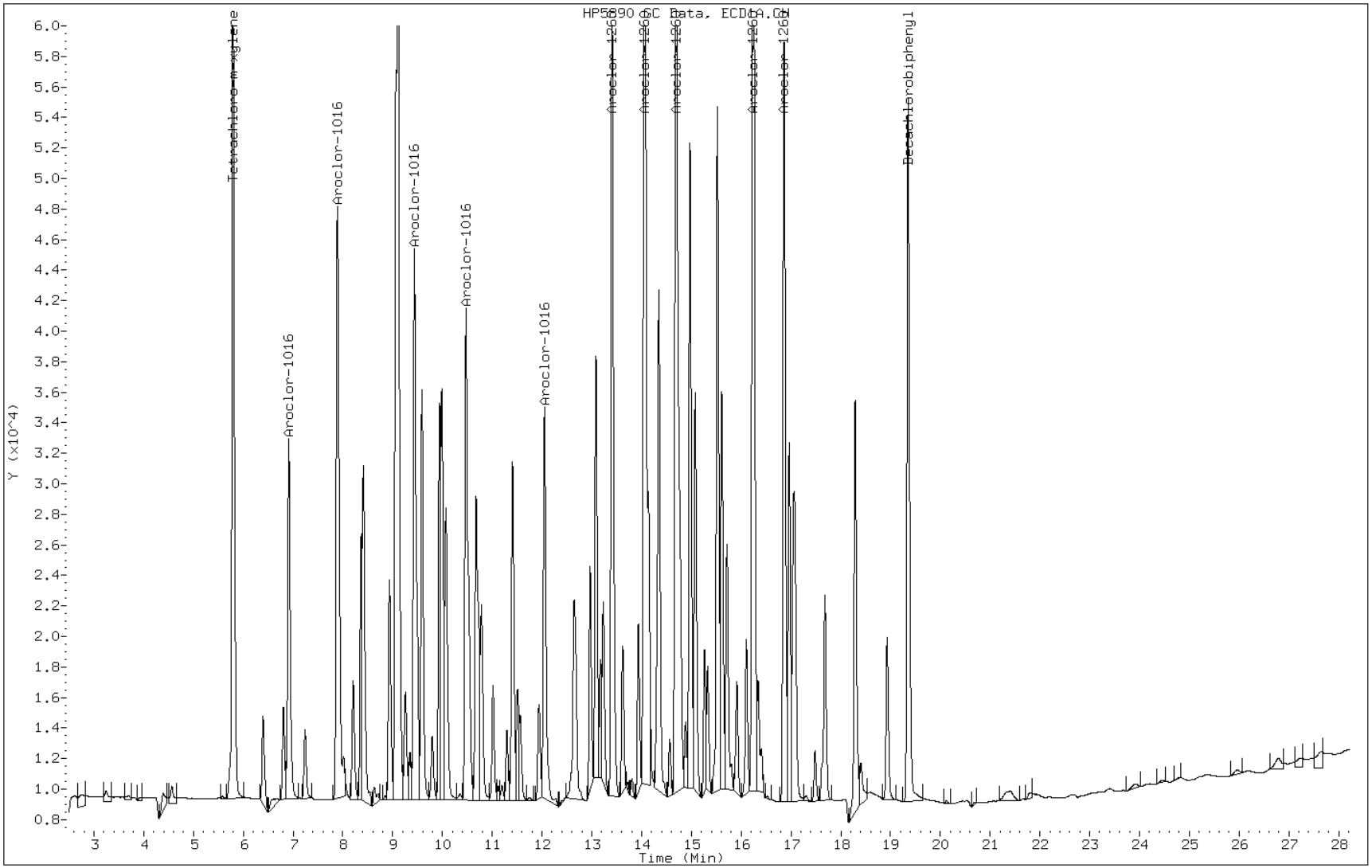
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
	7 Aroclor-1260 (continued)						
16.240	16.236	0.004	309122	500.000	502.4	40.33- 120.99	159.78
16.860	16.856	0.004	167780	500.000	503.6	22.45- 67.34	86.73
	Average of Peak Amounts =				515.700		
	8 Aroclor-1268				CAS #:		
Compound Not Detected							
	9 Aroclor-1262				CAS #:		
Compound Not Detected							
$	12 Tetrachloro-m-xylene				CAS #: 877-09-8		
5.793	5.790	0.003	196352	25.0000	26.11		
$	13 Decachlorobiphenyl				CAS #: 2051-24-3		
19.353	19.350	0.003	164374	25.0000	24.85		

Data File: 070F7001.D

Date: 21-SEP-2011 22:57

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/34 Calibration Date: 09/22/2011 04:47

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 081F8101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	178.0		542	500	8.4	20.0
PCB-1016 Peak 2	Lin	430.1	339.4		548	500	9.6	20.0
PCB-1016 Peak 3	Lin	369.6	303.0		541	500	8.3	20.0
PCB-1016 Peak 4	Lin	355.5	300.6		537	500	7.3	20.0
PCB-1016 Peak 5	Lin	253.3	192.3		518	500	3.5	20.0
PCB-1260 Peak 1	Lin	445.1	401.1		544	500	8.8	20.0
PCB-1260 Peak 2	Lin	861.6	673.9		560	500	12.0	20.0
PCB-1260 Peak 3	Lin	831.5	671.0		545	500	8.9	20.0
PCB-1260 Peak 4	Lin	831.9	669.5		548	500	9.6	20.0
PCB-1260 Peak 5	Lin	432.5	370.3		561	500	12.1	20.0
Tetrachloro-m-xylene	Lin	8879	8061		26.8	25.0	7.4	20.0
DCB Decachlorobiphenyl	Lin	8164	7322		27.9	25.0	11.6	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/34 Calibration Date: 09/22/2011 04:47

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 081F8101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.89	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.47	10.27	10.67
PCB-1016 Peak 5	12.05	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.06	13.86	14.26
PCB-1260 Peak 3	14.69	14.49	14.89
PCB-1260 Peak 4	16.23	16.04	16.44
PCB-1260 Peak 5	16.86	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\081F8101.D
Lab Smp Id: CCV-982679
Inj Date : 22-SEP-2011 04:47
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 81 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.910	6.910	0.000	89020	500.000	542.1	50.00- 150.00	100.00
7.886	7.886	0.000	169711	500.000	547.9	38.38- 115.14	190.64
9.430	9.433	-0.003	151521	500.000	541.3	21.89- 65.67	170.21
10.466	10.466	0.000	150319	500.000	536.6	19.98- 59.94	168.86
12.046	12.046	0.000	96165	500.000	517.6	19.98- 59.94	108.03
Average of Peak Amounts =					537.100		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
13.403	13.403	0.000	200558	500.000	543.8	50.00- 150.00	100.00
14.056	14.056	0.000	336946	500.000	560.2	79.28- 237.84	168.00
14.686	14.686	0.000	335477	500.000	544.7	38.87- 116.60	167.27

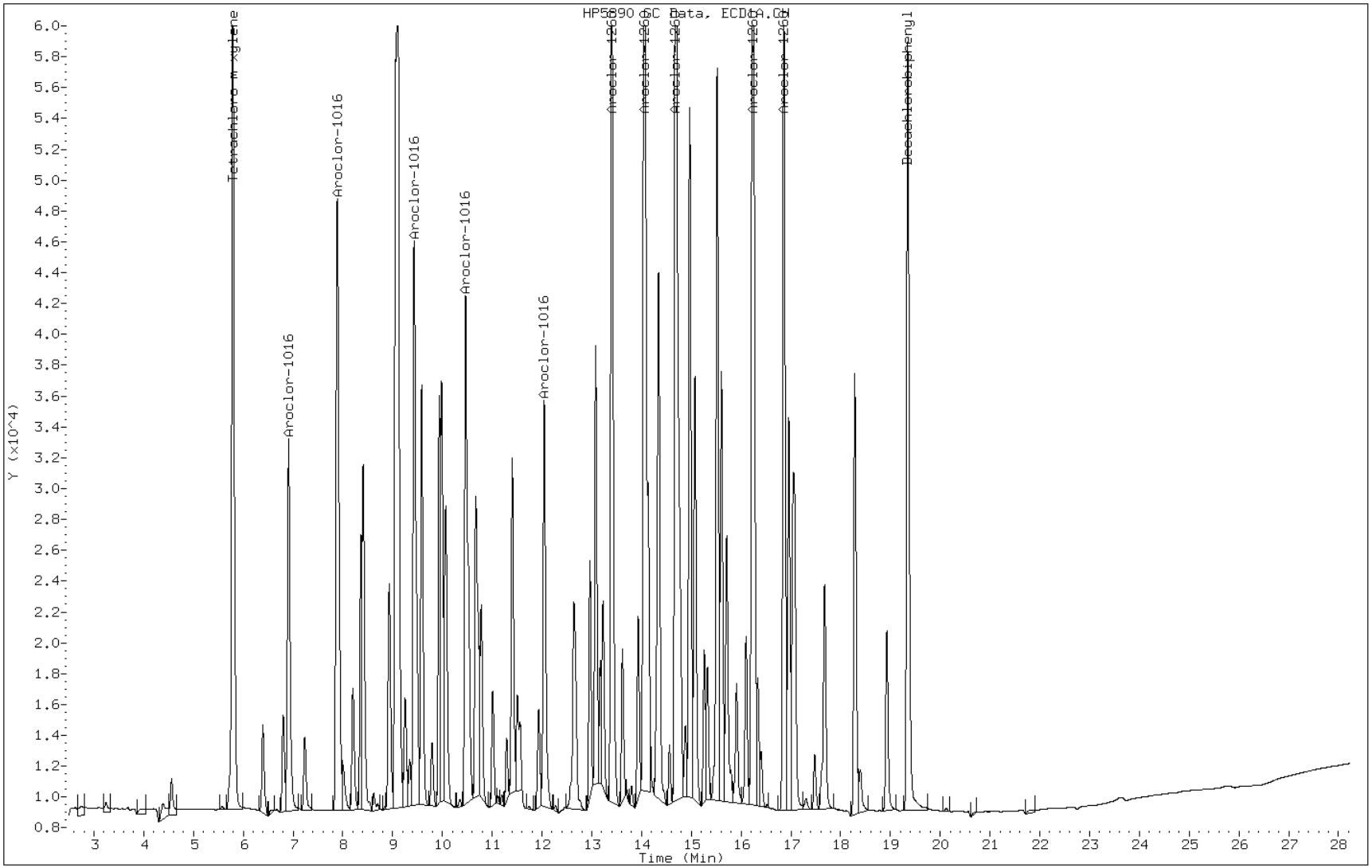
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.233	16.236	-0.003	334737	500.000	548.1	40.33- 120.99	166.90
16.856	16.856	0.000	185128	500.000	560.7	22.45- 67.34	92.31
		Average of Peak Amounts =			551.500		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.790	5.790	0.000	201524	25.0000	26.84		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.346	19.350	-0.004	183061	25.0000	27.91		

Data File: 081F8101.D

Date: 22-SEP-2011 04:47

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Lin	208.6	176.0		535	500	7.1	20.0
PCB-1016 Peak 2	Lin	430.1	338.4		546	500	9.2	20.0
PCB-1016 Peak 3	Lin	369.6	301.5		538	500	7.7	20.0
PCB-1016 Peak 4	Lin	355.5	294.3		524	500	4.9	20.0
PCB-1016 Peak 5	Lin	253.3	197.6		533	500	6.7	20.0
PCB-1260 Peak 1	Lin	445.1	403.3		547	500	9.4	20.0
PCB-1260 Peak 2	Lin	861.6	666.9		554	500	10.8	20.0
PCB-1260 Peak 3	Lin	831.5	669.6		543	500	8.7	20.0
PCB-1260 Peak 4	Lin	831.9	671.2		550	500	9.9	20.0
PCB-1260 Peak 5	Lin	432.5	360.6		545	500	9.0	20.0
Tetrachloro-m-xylene	Lin	8879	8010		26.7	25.0	6.7	20.0
DCB Decachlorobiphenyl	Lin	8164	7174		27.3	25.0	9.2	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Lab Sample ID: CCV 280-87305/44 Calibration Date: 09/22/2011 10:05

Instrument ID: GCS_W Calib Start Date: 09/19/2011 19:42

GC Column: CLP1 ID: 0.32(mm) Calib End Date: 09/19/2011 22:53

Lab File ID: 091F9101.D

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	6.91	6.71	7.11
PCB-1016 Peak 2	7.88	7.69	8.09
PCB-1016 Peak 3	9.43	9.23	9.63
PCB-1016 Peak 4	10.46	10.27	10.67
PCB-1016 Peak 5	12.04	11.85	12.25
PCB-1260 Peak 1	13.40	13.20	13.60
PCB-1260 Peak 2	14.05	13.86	14.26
PCB-1260 Peak 3	14.68	14.49	14.89
PCB-1260 Peak 4	16.23	16.04	16.44
PCB-1260 Peak 5	16.85	16.66	17.06
Tetrachloro-m-xylene	5.79	5.59	5.99
DCB Decachlorobiphenyl	19.35	19.15	19.55

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\091F9101.D
Lab Smp Id: CCV-982679
Inj Date : 22-SEP-2011 10:05
Operator : JAX Inst ID: GC_W.i
Smp Info : CCV-982679
Misc Info :
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 91 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: None
Processing Host: DENPC377

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng/ml)	(ng/ml)	TARGET RANGE	RATIO
1 Aroclor-1016					CAS #: 12674-11-2		
6.906	6.910	-0.004	88017	500.000	535.4	50.00- 150.00	100.00
7.883	7.886	-0.003	169191	500.000	546.0	38.38- 115.14	192.23
9.430	9.433	-0.003	150746	500.000	538.3	21.89- 65.67	171.27
10.463	10.466	-0.003	147144	500.000	524.2	19.98- 59.94	167.18
12.043	12.046	-0.003	98808	500.000	533.3	19.98- 59.94	112.26
Average of Peak Amounts =					535.440		
2 Aroclor-1221					CAS #: 11104-28-2		
Compound Not Detected							
3 Aroclor-1232					CAS #: 11141-16-5		
Compound Not Detected							
4 Aroclor-1242					CAS #: 53469-21-9		
Compound Not Detected							
5 Aroclor-1248					CAS #: 12672-29-6		
Compound Not Detected							
6 Aroclor-1254					CAS #: 11097-69-1		
Compound Not Detected							
7 Aroclor-1260					CAS #: 11096-82-5		
13.396	13.403	-0.007	201649	500.000	547.0	50.00- 150.00	100.00
14.053	14.056	-0.003	333472	500.000	553.9	79.28- 237.84	165.37
14.683	14.686	-0.003	334805	500.000	543.5	38.87- 116.60	166.03

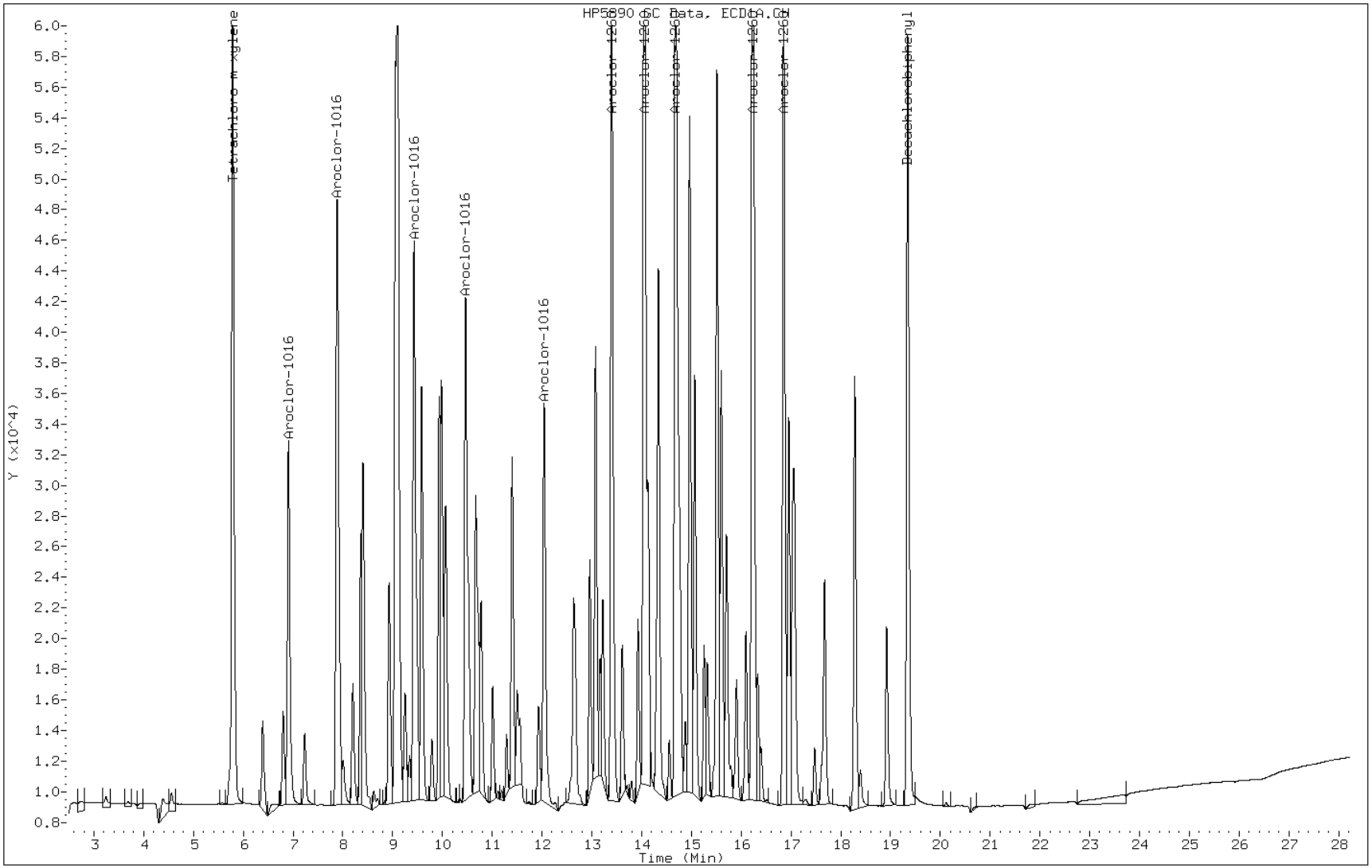
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng/ml)	ON-COL (ng/ml)	TARGET RANGE	RATIO
7 Aroclor-1260 (continued)							
16.230	16.236	-0.006	335575	500.000	549.6	40.33- 120.99	166.42
16.853	16.856	-0.003	180307	500.000	544.8	22.45- 67.34	89.42
		Average of Peak Amounts =			547.760		
8 Aroclor-1268					CAS #:		
Compound Not Detected							
9 Aroclor-1262					CAS #:		
Compound Not Detected							
$ 12 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.786	5.790	-0.004	200260	25.0000	26.67		
$ 13 Decachlorobiphenyl					CAS #: 2051-24-3		
19.346	19.350	-0.004	179343	25.0000	27.30		

Data File: 091F9101.D

Date: 22-SEP-2011 10:05

Client ID: Instrument: GC_W.i

Sample Info: CCV-982679 Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 280-86062/1-A

Matrix: Solid Lab File ID: 068F6801.D

Analysis Method: 8082 Date Collected:

Extraction Method: 3546 Date Extracted: 09/14/2011 21:25

Sample wt/vol: 30.9(g) Date Analyzed: 09/21/2011 21:53

Con. Extract Vol.: 10000(uL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP1 ID: 0.32(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	9.7	U	32	9.7	4.9
11104-28-2	PCB-1221	19	U	32	19	15
11141-16-5	PCB-1232	9.7	U	32	9.7	5.0
53469-21-9	PCB-1242	9.7	U	32	9.7	8.9
12672-29-6	PCB-1248	9.7	U	32	9.7	5.4
11097-69-1	PCB-1254	9.7	U	32	9.7	5.4
11096-82-5	PCB-1260	9.7	U	32	9.7	2.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		60-125
877-09-8	Tetrachloro-m-xylene	104		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\068F6801.D
Lab Smp Id: MB 280-86062/1-A
Inj Date : 21-SEP-2011 21:53
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984716,MB
Misc Info : MB 280-86062_1-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 68 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	30.900	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

1 Aroclor-1016 CAS #: 12674-11-2

Operator disabled compound identification.

---

2 Aroclor-1221 CAS #: 11104-28-2

Operator disabled compound identification.

---

3 Aroclor-1232 CAS #: 11141-16-5

Operator disabled compound identification.

---

4 Aroclor-1242 CAS #: 53469-21-9

Operator disabled compound identification.

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

5 Aroclor-1248 CAS #: 12672-29-6

Operator disabled compound identification.

---

6 Aroclor-1254 CAS #: 11097-69-1

Peaks not detected for Quant. or Qual. signal(s).

---

7 Aroclor-1260 CAS #: 11096-82-5

Operator disabled compound identification.

---

8 Aroclor-1268 CAS #:

Operator disabled compound identification.

---

9 Aroclor-1262 CAS #:

Peaks not detected for Quant. or Qual. signal(s).

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.793	5.790	0.003	158232	20.7123	6.7030		

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

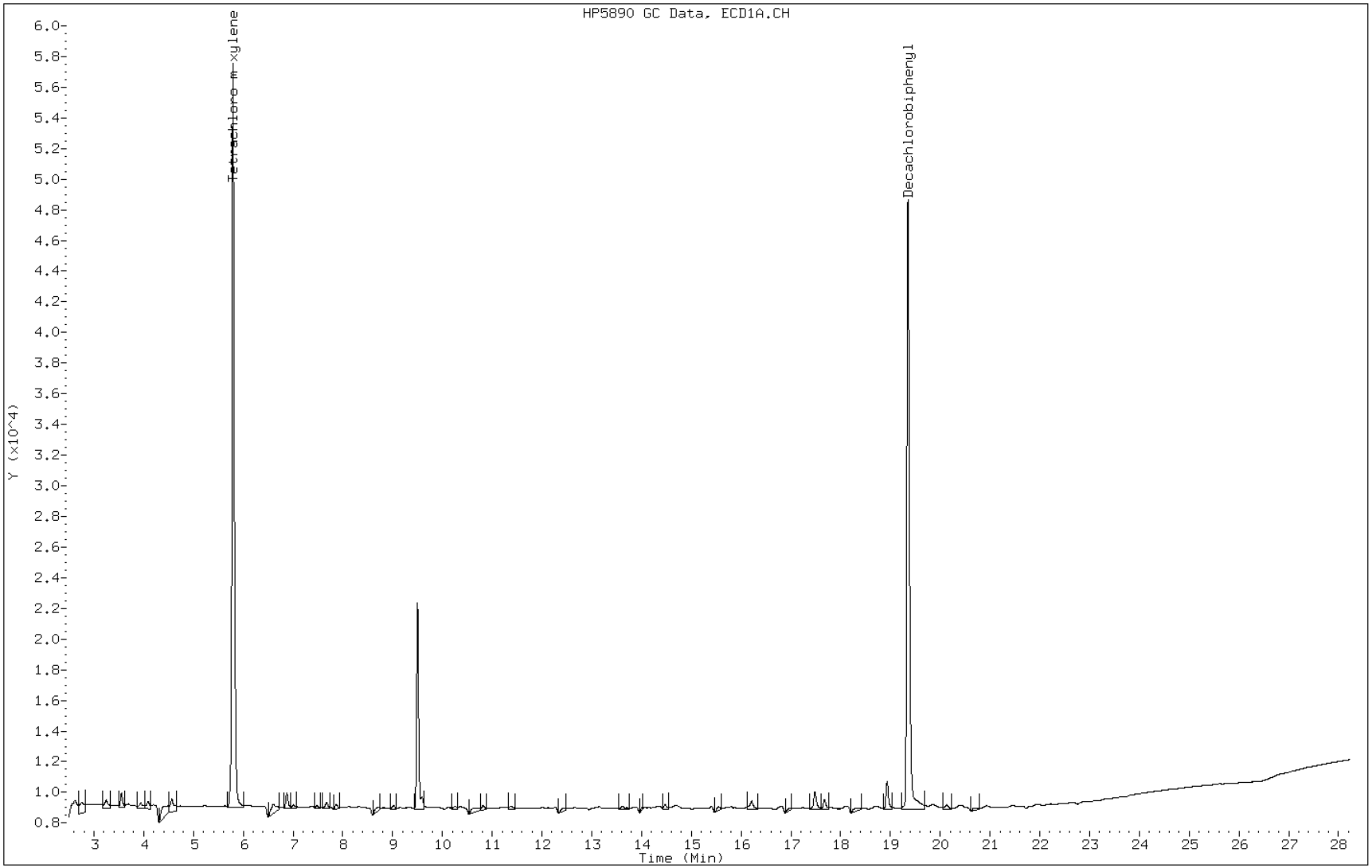
19.353	19.350	0.003	146649	21.9513	7.1040		

Data File: 068F6801.D

Date: 21-SEP-2011 21:53

Client ID: Instrument: GC_W.i

Sample Info: 280-984716,MB Operator: JAX



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Denver | Job No.: 280-20041-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 280-86062/27-A

Matrix: Solid | Lab File ID: 090F9001.D

Analysis Method: 8082 | Date Collected:

Extraction Method: 3546 | Date Extracted: 09/14/2011 21:25

Sample wt/vol: 31.6(g) | Date Analyzed: 09/22/2011 09:34

Con. Extract Vol.: 10000(uL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP1 ID: 0.32(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 87305 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
12674-11-2	PCB-1016	52.3		31	9.5	4.8
11104-28-2	PCB-1221	19	U	31	19	15
11141-16-5	PCB-1232	9.5	U	31	9.5	4.9
53469-21-9	PCB-1242	9.5	U	31	9.5	8.7
12672-29-6	PCB-1248	9.5	U	31	9.5	5.3
11097-69-1	PCB-1254	9.5	U	31	9.5	5.2
11096-82-5	PCB-1260	62.7		31	9.5	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		60-125
877-09-8	Tetrachloro-m-xylene	97		53-128

TestAmerica

Data file : \\DenSvr03\Public\chem\GCS\GC_W.i\092011k1.B\090F9001.D
Lab Smp Id: LCS 280-86062/27-A
Inj Date : 22-SEP-2011 09:34
Operator : JAX Inst ID: GC_W.i
Smp Info : 280-984760,LCS
Misc Info : LCS 280-86062_27-A
Comment :
Method : \\DenSvr03\Public\chem\GCS\GC_W.i\0920111.B\8082W-1.m
Meth Date : 22-Sep-2011 10:49 GC_W.i Quant Type: ESTD
Cal Date : 20-SEP-2011 06:17 Cal File: 035F3501.D
Als bottle: 90 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Full-list.sub
Target Version: 4.14 Sample Matrix: SOLID
Processing Host: DENPC377

Concentration Formula: Amt * DF * Uf * (Vf/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.00100	Unit Correction Factor (ug/ng)
Vf	10000.000	Volume of Final Extract (uL)
Ws	31.600	Weight of Sample Extracted (g)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO
	1 Aroclor-1016				CAS #: 12674-11-2		
6.906	6.910	-0.004	37770	202.098	63.96	50.00- 150.00	100.00
7.886	7.886	0.000	70922	190.236	60.20	38.38- 115.14	187.77
9.430	9.433	-0.003	42951	114.713	36.30	21.89- 65.67	113.72
10.466	10.466	0.000	59860	184.606	58.42	19.98- 59.94	158.49
12.043	12.046	-0.003	31893	135.433	42.86	19.98- 59.94	84.44
		Average of Peak Concentrations =			52.35		

---

2 Aroclor-1221 CAS #: 11104-28-2

Compound Not Detected

---

3 Aroclor-1232 CAS #: 11141-16-5

Compound Not Detected

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng/ml)	FINAL (ug/kg)	TARGET RANGE	RATIO

4 Aroclor-1242 CAS #: 53469-21-9

Compound Not Detected

---

5 Aroclor-1248 CAS #: 12672-29-6

Compound Not Detected

---

6 Aroclor-1254 CAS #: 11097-69-1

Compound Not Detected

---

7 Aroclor-1260 CAS #: 11096-82-5

13.400	13.403	-0.003	86359	207.919	65.80	50.00- 150.00	100.00
14.053	14.056	-0.003	118879	163.534	51.75	79.28- 237.84	137.66
14.683	14.686	-0.003	129845	179.846	56.91	38.87- 116.60	150.35
16.233	16.236	-0.003	157755	232.199	73.48	40.33- 120.99	182.67
16.853	16.856	-0.003	77439	206.434	65.33	22.45- 67.34	89.67

Average of Peak Concentrations = 62.65

---

8 Aroclor-1268 CAS #:

Compound Not Detected

---

9 Aroclor-1262 CAS #:

Compound Not Detected

$ 12 Tetrachloro-m-xylene CAS #: 877-09-8

5.786	5.790	-0.004	149507	19.4762	6.1633

$ 13 Decachlorobiphenyl CAS #: 2051-24-3

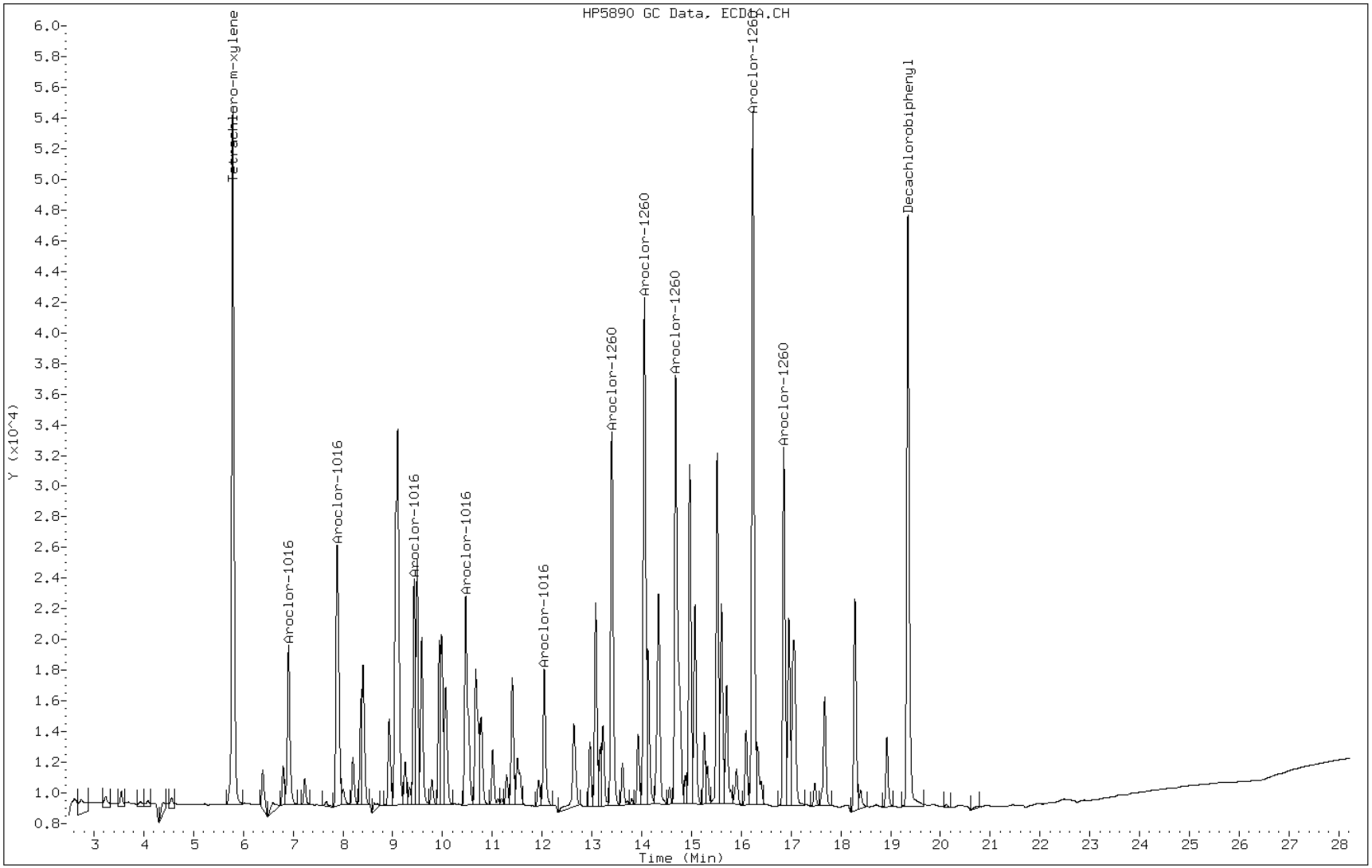
19.346	19.350	-0.004	139971	20.8581	6.6007

Data File: 090F9001.D

Date: 22-SEP-2011 09:34

Client ID: Instrument: GC_W.i

Sample Info: 280-984760,LCS Operator: JAX



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/19/2011 12:17

Analysis Batch Number: 86911 End Date: 09/20/2011 09:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 280-86911/1		09/19/2011 12:17	1	001F0101.D	CLP1 0.32(mm)
IC 280-86911/1		09/19/2011 12:17	1		CLP2 0.32(mm)
IC 280-86911/2		09/19/2011 12:49	1	002F0201.D	CLP1 0.32(mm)
IC 280-86911/2		09/19/2011 12:49	1		CLP2 0.32(mm)
IC 280-86911/3		09/19/2011 13:21	1	003F0301.D	CLP1 0.32(mm)
IC 280-86911/3		09/19/2011 13:21	1		CLP2 0.32(mm)
IC 280-86911/4		09/19/2011 13:52	1	004F0401.D	CLP1 0.32(mm)
IC 280-86911/4		09/19/2011 13:52	1		CLP2 0.32(mm)
IC 280-86911/5		09/19/2011 14:24	1	005F0501.D	CLP1 0.32(mm)
IC 280-86911/5		09/19/2011 14:24	1		CLP2 0.32(mm)
IC 280-86911/6		09/19/2011 14:56	1	006F0601.D	CLP1 0.32(mm)
IC 280-86911/6		09/19/2011 14:56	1		CLP2 0.32(mm)
IC 280-86911/7		09/19/2011 15:28	1	007F0701.D	CLP1 0.32(mm)
IC 280-86911/7		09/19/2011 15:28	1		CLP2 0.32(mm)
IC 280-86911/8		09/19/2011 16:00	1	008F0801.D	CLP1 0.32(mm)
IC 280-86911/8		09/19/2011 16:00	1		CLP2 0.32(mm)
IC 280-86911/9		09/19/2011 16:32	1	009F0901.D	CLP1 0.32(mm)
IC 280-86911/9		09/19/2011 16:32	1		CLP2 0.32(mm)
IC 280-86911/10		09/19/2011 17:04	1	010F1001.D	CLP1 0.32(mm)
IC 280-86911/10		09/19/2011 17:04	1		CLP2 0.32(mm)
IC 280-86911/11		09/19/2011 17:35	1	011F1101.D	CLP1 0.32(mm)
IC 280-86911/11		09/19/2011 17:35	1		CLP2 0.32(mm)
IC 280-86911/12		09/19/2011 18:07	1	012F1201.D	CLP1 0.32(mm)
IC 280-86911/12		09/19/2011 18:07	1		CLP2 0.32(mm)
IC 280-86911/13		09/19/2011 18:39	1	013F1301.D	CLP1 0.32(mm)
IC 280-86911/13		09/19/2011 18:39	1		CLP2 0.32(mm)
IC 280-86911/14		09/19/2011 19:11	1	014F1401.D	CLP1 0.32(mm)
IC 280-86911/14		09/19/2011 19:11	1		CLP2 0.32(mm)
IC 280-86911/15		09/19/2011 19:42	1	015F1501.D	CLP1 0.32(mm)
IC 280-86911/15		09/19/2011 19:42	1		CLP2 0.32(mm)
IC 280-86911/16		09/19/2011 20:14	1	016F1601.D	CLP1 0.32(mm)
IC 280-86911/16		09/19/2011 20:14	1		CLP2 0.32(mm)
ICRT 280-86911/17		09/19/2011 20:46	1	017F1701.D	CLP1 0.32(mm)
ICRT 280-86911/17		09/19/2011 20:46	1		CLP2 0.32(mm)
IC 280-86911/18		09/19/2011 21:18	1	018F1801.D	CLP1 0.32(mm)
IC 280-86911/18		09/19/2011 21:18	1		CLP2 0.32(mm)
IC 280-86911/19		09/19/2011 21:50	1	019F1901.D	CLP1 0.32(mm)
IC 280-86911/19		09/19/2011 21:50	1		CLP2 0.32(mm)
IC 280-86911/20		09/19/2011 22:22	1	020F2001.D	CLP1 0.32(mm)
IC 280-86911/20		09/19/2011 22:22	1		CLP2 0.32(mm)
IC 280-86911/21		09/19/2011 22:53	1	021F2101.D	CLP1 0.32(mm)
IC 280-86911/21		09/19/2011 22:53	1		CLP2 0.32(mm)
IC 280-86911/22		09/19/2011 23:25	1	022F2201.D	CLP1 0.32(mm)
IC 280-86911/22		09/19/2011 23:25	1		CLP2 0.32(mm)
IC 280-86911/23		09/19/2011 23:57	1	023F2301.D	CLP1 0.32(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/19/2011 12:17

Analysis Batch Number: 86911 End Date: 09/20/2011 09:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 280-86911/23		09/19/2011 23:57	1		CLP2 0.32(mm)
IC 280-86911/24		09/20/2011 00:29	1	024F2401.D	CLP1 0.32(mm)
IC 280-86911/24		09/20/2011 00:29	1		CLP2 0.32(mm)
IC 280-86911/25		09/20/2011 01:00	1	025F2501.D	CLP1 0.32(mm)
IC 280-86911/25		09/20/2011 01:00	1		CLP2 0.32(mm)
IC 280-86911/26		09/20/2011 01:32	1	026F2601.D	CLP1 0.32(mm)
IC 280-86911/26		09/20/2011 01:32	1		CLP2 0.32(mm)
IC 280-86911/27		09/20/2011 02:04	1	027F2701.D	CLP1 0.32(mm)
IC 280-86911/27		09/20/2011 02:04	1		CLP2 0.32(mm)
IC 280-86911/28		09/20/2011 02:36	1	028F2801.D	CLP1 0.32(mm)
IC 280-86911/28		09/20/2011 02:36	1		CLP2 0.32(mm)
IC 280-86911/29		09/20/2011 03:07	1	029F2901.D	CLP1 0.32(mm)
IC 280-86911/29		09/20/2011 03:07	1		CLP2 0.32(mm)
IC 280-86911/30		09/20/2011 03:39	1	030F3001.D	CLP1 0.32(mm)
IC 280-86911/30		09/20/2011 03:39	1		CLP2 0.32(mm)
IC 280-86911/31		09/20/2011 04:11	1	031F3101.D	CLP1 0.32(mm)
IC 280-86911/31		09/20/2011 04:11	1		CLP2 0.32(mm)
IC 280-86911/32		09/20/2011 04:42	1	032F3201.D	CLP1 0.32(mm)
IC 280-86911/32		09/20/2011 04:42	1		CLP2 0.32(mm)
IC 280-86911/33		09/20/2011 05:14	1	033F3301.D	CLP1 0.32(mm)
IC 280-86911/33		09/20/2011 05:14	1		CLP2 0.32(mm)
IC 280-86911/34		09/20/2011 05:46	1	034F3401.D	CLP1 0.32(mm)
IC 280-86911/34		09/20/2011 05:46	1		CLP2 0.32(mm)
IC 280-86911/35		09/20/2011 06:17	1	035F3501.D	CLP1 0.32(mm)
IC 280-86911/35		09/20/2011 06:17	1		CLP2 0.32(mm)
ICV 280-86911/36		09/20/2011 06:49	1	036F3601.D	CLP1 0.32(mm)
ICV 280-86911/36		09/20/2011 06:49	1		CLP2 0.32(mm)
ICV 280-86911/37		09/20/2011 07:21	1	037F3701.D	CLP1 0.32(mm)
ICV 280-86911/37		09/20/2011 07:21	1		CLP2 0.32(mm)
ICV 280-86911/38		09/20/2011 08:24	1	039F3901.D	CLP1 0.32(mm)
ICV 280-86911/38		09/20/2011 08:24	1		CLP2 0.32(mm)
ICV 280-86911/39		09/20/2011 08:56	1	040F4001.D	CLP1 0.32(mm)
ICV 280-86911/39		09/20/2011 08:56	1		CLP2 0.32(mm)
ICV 280-86911/40		09/20/2011 09:32	1	041F4101.D	CLP1 0.32(mm)
ICV 280-86911/40		09/20/2011 09:32	1		CLP2 0.32(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/20/2011 11:26

Analysis Batch Number: 87305 End Date: 09/22/2011 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 280-87305/1		09/20/2011 11:26	1	003F0301.D	CLP1 0.32(mm)
CCVRT 280-87305/1		09/20/2011 11:26	1		CLP2 0.32(mm)
CCV 280-87305/2		09/21/2011 11:49	1		CLP1 0.32(mm)
CCV 280-87305/2		09/21/2011 11:49	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 12:20	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 12:20	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 12:52	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 12:52	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 13:24	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 13:56	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 14:28	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 15:00	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 15:32	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 16:03	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 16:35	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 17:07	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 17:07	1		CLP2 0.32(mm)
CCV 280-87305/13		09/21/2011 17:39	1	060F6001.D	CLP1 0.32(mm)
CCV 280-87305/13		09/21/2011 17:39	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 18:11	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 18:43	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 19:14	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 19:46	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 20:18	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 20:50	1		CLP1 0.32(mm)
ZZZZZ		09/21/2011 21:21	1		CLP1 0.32(mm)
MB 280-86062/1-A		09/21/2011 21:53	1	068F6801.D	CLP1 0.32(mm)
ZZZZZ		09/21/2011 21:53	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 22:25	1		CLP1 0.32(mm)
CCV 280-87305/23		09/21/2011 22:57	1	070F7001.D	CLP1 0.32(mm)
CCV 280-87305/23		09/21/2011 22:57	1		CLP2 0.32(mm)
ZZZZZ		09/21/2011 23:28	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 00:00	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 00:32	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 00:32	1		CLP2 0.32(mm)
ZZZZZ		09/22/2011 01:04	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 01:04	1		CLP2 0.32(mm)
ZZZZZ		09/22/2011 01:36	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 01:36	1		CLP2 0.32(mm)
ZZZZZ		09/22/2011 02:08	1		CLP1 0.32(mm)
280-20041-1	SMCSD0401HA	09/22/2011 02:40	1	077F7701.D	CLP1 0.32(mm)
280-20041-2	SMCSD0401HC	09/22/2011 03:11	1	078F7801.D	CLP1 0.32(mm)
280-20041-3	SMCSD0501HA	09/22/2011 03:43	1	079F7901.D	CLP1 0.32(mm)
ZZZZZ		09/22/2011 04:15	1		CLP1 0.32(mm)
CCV 280-87305/34		09/22/2011 04:47	1	081F8101.D	CLP1 0.32(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: GCS_W Start Date: 09/20/2011 11:26

Analysis Batch Number: 87305 End Date: 09/22/2011 10:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/22/2011 05:19	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 05:51	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 06:23	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 06:55	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 07:26	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 07:58	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 08:30	1		CLP1 0.32(mm)
ZZZZZ		09/22/2011 09:02	1		CLP1 0.32(mm)
LCS 280-86062/27-A		09/22/2011 09:34	1	090F9001.D	CLP1 0.32(mm)
ZZZZZ		09/22/2011 09:34	1		CLP2 0.32(mm)
CCV 280-87305/44		09/22/2011 10:05	1	091F9101.D	CLP1 0.32(mm)
CCV 280-87305/44		09/22/2011 10:05	1		CLP2 0.32(mm)

8082

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Batch Number: 86062 Batch Start Date: 09/14/11 21:25 Batch Analyst: Moan, Matthew R

Batch Method: 3546 Batch End Date: 09/20/11 22:05

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	8081/82 Surr 00030	8082 LCS 00017	AnalysisComment
MB 280-86062/1		3546, 8082		30.9 g	10000 uL	1 mL		
280-20041-A-1	SMCSD0401HA	3546, 8082	T	30.8 g	10000 uL	1 mL		
280-20041-A-2	SMCSD0401HC	3546, 8082	T	31.0 g	10000 uL	1 mL		
280-20041-A-3	SMCSD0501HA	3546, 8082	T	32.1 g	10000 uL	1 mL		
LCS 280-86062/27		3546, 8082		31.6 g	10000 uL	1 mL	1 mL	8082

Batch Notes

Balance ID	24350888
Batch Comment	Aliquot: Wiggins, J. pip:C (1*2mL) pipopp1(10.1)
Person's name who did the concentration	CokleyC/HubbsL
Exchange Solvent Lot #	K27E49
Exchange Solvent Name	50mL Hexane
Final Concentrator Volume	10000 uL
Florisil Lot #	K10557 soln:1-9-20
MeCL2 Lot #	K24J01/ K07S03 1/1-ACETONE/MECL2: K24E14
Microwave Start Time	9/14/11 @ 21:45
Microwave Stop Time	9/14/11 @ 23:15
Na2SO4 Lot Number	K10624F
Ottawa Sand Lot #	2AB0606
Pipette ID	E
Person's name who did the prep	MoanM
SOP Number	DV-OP-0015/7
Person who witnessed spiking	REVIEWER: EJ s/s: JW
Water Bath ID	A/B
Water Bath Temperature	88C

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 280-20041-1

SDG No.:

Project: Griffiss AFB Six Mile Creek (SD032)

Client Sample ID	Lab Sample ID
SMCSD0401HA	280-20041-1
SMCSD0401HC	280-20041-2
SMCSD0501HA	280-20041-3

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job Number: 280-20041-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture LOQ Date: 11/01/2009 00:00

Analyte	Wavelength/ Mass	LOQ (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
ZZZZZZ			13:44																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
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280-20041-1	1	T	13:44	X	X																			
280-20041-2	1	T	13:44	X	X																			
280-20041-3	1	T	13:44	X	X																			
ZZZZZZ			13:44																					
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/09/2011 13:44 End Date: 09/09/2011 13:44

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			13:44																					
ZZZZZZ			13:44																					
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ZZZZZZ			13:44																					

Prep Types

T = Total/NA

Wet Chemistry Data Review Checklist For Gravimetric Methods

Test Name/Method #: Moisture Analysis Date: 9/9/11

SOP #: DWC 0023 Analyst: K Instrument: H31422

Lot / Sample Numbers	Matrix	Prep Batch	Batch	Method	Special Inst
19983	Solid	N/A	85304	moisture	Q4
19984	↓	↓	↓	↓	N/A
20041					Q4
20042					Q4
19958/1-59	Solid	N/A	85268	Moist	Q4
19975	↓	↓	↓	↓	Q4

A. Balance, Oven, and DI Water QC Checks	Yes	No	N/A	2nd Level
1. Was the balance calibration verified before and after processing samples and noted in the "Balance Calibration Log" for the date(s) the samples were processed?	✓			
2. Was the oven temperature within method requirements and recorded in the "Oven Temperature" logbook for the date(s) the samples were processed?	✓			
3. Was the daily conductivity check of the deionized water recorded in the "Conductivity Logbook"?			✓	
B. Method Requirements				
1. If sample is visibly oily, was this noted on the benchsheet?	✓			✓
2. Was final residue weight within minimum/maximum requirements?	✓			✓
3. Were the initial and final drying dates and times recorded on the benchsheet and were all samples dried for at least one hour?	✓			✓
C. Sample Results				
1. TDS/Conductivity ratio or historical data checked?			✓	✓
2. For % Moisture, was the Final Dried Weight < the Initial Pan Weight or is the result greater than 100%?		✓		
3. Were sample analyses done within holding time?	✓			✓
4. Were special client requirements met?	✓			✓
5. Were data that were manually transcribed from instrument printouts into TALS verified 100% including significant figures and units?			✓	✓
6. Do the prep and analysis dates in TALS reflect the actual dates? Lots/Dates report checked?	✓			✓
7. STD/True Value information is updated and included?			✓	✓
8. Are raw data copies prepared, scanned, and uploaded?	✓			✓
D. Preparation/Matrix QC				
1. Method blank < RL or all reported samples > 10 X RL?			✓	✓
2. Method blank < ½ RL or NCM provided?			✓	✓
3. LCS/LCSD run for batch and within QC limits?			✓	✓
4. DUP run for batch and RPD < 20% for samples >5 X RL?	✓			✓

Analyst: [signature] Date: 9/10/11

Comments:

2nd Level Reviewer: [signature] Date: 9/12/11

Comments:

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Denver Job No.: 280-20041-1

SDG No.:

Batch Number: 85304 Batch Start Date: 09/09/11 13:44 Batch Analyst: Taylor, Juli M

Batch Method: Moisture Batch End Date: 09/10/11 12:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
280-20041-A-1	SMCSD0401HA	Moisture	T	74	1.29 g	17.56 g	14.62 g		
280-20041-A-2	SMCSD0401HC	Moisture	T	75	1.31 g	17.70 g	14.15 g		
280-20041-A-3	SMCSD0501HA	Moisture	T	76	1.29 g	17.63 g	13.50 g		

Batch Notes	
Balance ID	24650239 No Unit
Date samples were placed in the oven	09-09-11
Oven Temp when samples are put in oven	104 Degrees C
Time samples were place in the oven	15:03
Date samples were removed from oven	09-10-11
Oven Temp when samples removed from oven	104 Degrees C
Time Samples were removed from oven	1130
Oven ID	E
ID number of the thermometer	1354
Uncorrected In Temperature	104 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

2.8°
2.7°

AFCEE
CHAIN OF CUSTODY RECORD

COC#: _2_ SDG#: _272_ Cooler ID#: _A_

Ship to: Elaine Walker Test America Laboratories, Inc. 4955 Yarrow Street Arvada, Colorado Tel: 303-736-0156	Project Name: Griffiss AFB Six Mile Creek (SD032) Sampler Name: Daniel Baldyga	Send Results to: Daniel Baldyga FPM Remediations, Inc 584 Phoenix Drive Rome, NY 13441 Phone: (315) 336-7721 Ext. 207
Carrier: Test America courier.	Sampler Signature: Daniel Baldyga	

Analyses requested

Field Sample ID	LocID	Date 2011	Time	MATRIX	SMCODE	SACODE	SBD/SED	# of Containers	VOCs note 1 4 oz glass jar	VOCs note 1 40 mL vial	PCBs note 2 8 oz glass jar	Comments
SMCSD0401HA	SMCSD-13	9/6	1500	SE	G	N	0/0.5	1	-	-	1	
SMCSD0401HC	SMCSD-13	9/6	1500	SE	G	FD	0/0.5	1	-	-	1	
SMCSD0501HA	SMCSD-14	9/6	1445	SE	G	N	0/0.5	1	-	-	1	

Sample Condition Upon Receipt at Laboratory: Cooler temperature:

Special Instructions/Comments: Parameter List: (According to AFCEE QAPP 4.0)
Note 1: VOCs: Method SW8260 for AFCEE QAPP 4.0 List.
Note 2: SVOCs: Method SW8270 for AFCEE QAPP 4.0 List, PCBs: Method SW8082 for AFCEE QAPP 4.0 List, Pesticides: Method SW8081 for AFCEE QAPP 4.0 List.
Note 3: Metals: Method SW6010B for AFCEE QAPP 4.0 List and Mercury: Method SW7471.

#1 Released by: (Sig)	Date:	#2 Released by: (Sig)	Date: 9/7/11	#3 Released by: (Sig)	Date:
Company Name:	Time:	Company Name: FPM Group Ltd	Time: 1200	Company Name:	Time:
#1 Received by: (Sig) Daniel Baldyga	Date: 9/6/11	#2 Received by: (Sig)	Date: 9-7-11	#3 Received by: (Sig)	Date:
Company Name: FPM	Time: 1030	Company Name: TACSEO	Time: 12:00	Company Name:	Time:

MATRIX
WG = Ground water
WQ = Water Quality Control Matrix
SO = Soil
WS = Surface water
SE = Sediment

SMCODE
B = Bailer
G = Grab (only for EB).
NA = Not Applicable (only for AB/TB)
PP = Peristaltic Pump
BP = Bladder Pump

SACODE
N = Normal Sample
AB = Ambient Blank
TB = Trip Blank
EB = Equipment Blank
FD = Field Duplicate

9/8/11 900

Login Sample Receipt Checklist

Client: FPM Remediations Inc

Job Number: 280-20041-1

Login Number: 20041

List Source: TestAmerica Denver

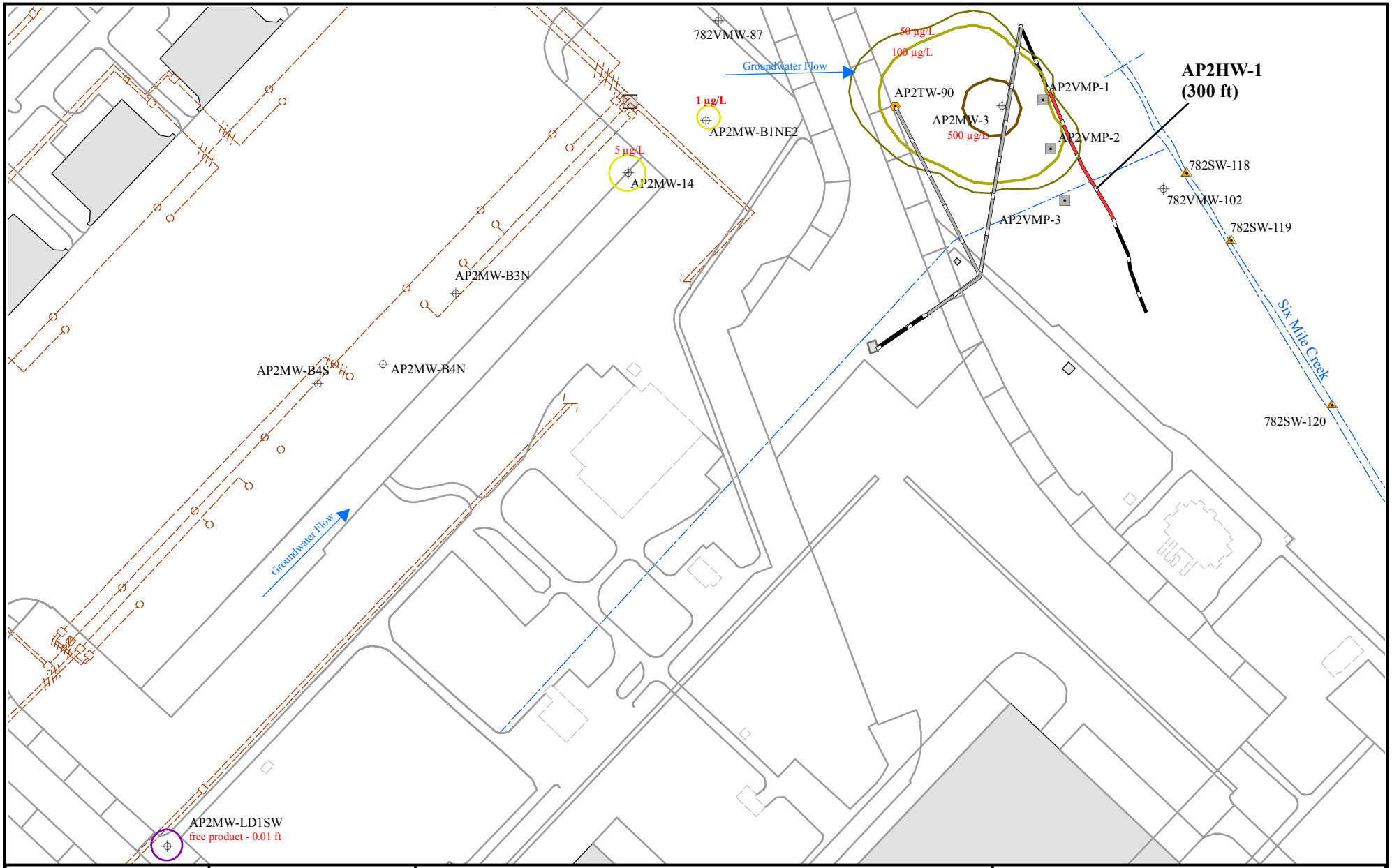
List Number: 1

Creator: Cofoid, Stephen T

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

Potentially Impacting Site Results and Maps



UNITED STATES AIR FORCE
FORMER GRIFFISS AIR FORCE BASE
ROME, NEW YORK

Figure 6-3
Apron 2 Remediation System and Groundwater Contamination (December 2010)

FPM group

Y:\GIS_Projects\Griffiss\Projects\40-05-27\Petroleum-Spill-Sites\Apron2\2010_Report\Apron2_1210_plume.mxd

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-3																
Date of Collection		2/7/03	6/27/03	9/19/03	12/9/03	3/31/04	7/2/04	9/21/04	1/3/05	4/8/05	6/23/05	9/28/05	12/30/05	3/22/06	6/20/06	9/20/06	12/18/06	2/28/07
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	6.9 J	38	110 J	53	180	210	152	176	206
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	21 F	10	37	33	37	37 F	54.5
Benzene	1	1,100	2,200 J	2,400	2,200	2,100	1,900	1,200	1,200	920	1,200	980 J	720	1,400	1,300	1,120	1,140	1,120
Ethylbenzene	5*	U	U	U	U	U	50 F	60	160	130	220	150 J	84	180	190	141	173	140
Isopropylbenzene	5*	U	U	U	U	U	U	U	3 F	4.9 J	12	14 J	8.2	17	17	12.4 F	14.5 F	18 F
tert-Butyl Methyl Ether	10	270	310	370	210	190 F	270 F	190 F	U	180	U	U	U	U	U	141	116 F	117 F
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	0.83 J	2.2 F	9.4	10	8.40 F	16.5 F	25 F
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	450	420	780	550 J	240	690	780	658	850	693
Naphthalene	10	U	U	U	U	U	75 F	42 F	14	1.9 J	7.2 F	27 J	U	62	61	57.4	59.5	143
o-Xylene	5*	U	U	U	U	U	U	U	U	5.4 J	8.7 F	3.2 J	2.2 F	5.1	4.5	3.20 F	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	6.8	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	0.4 F	0.33 F	U	U	U
Toluene	5*	U	U	U	U	U	18 F	14 F	11	8.6 F	14	10 J	8.8	20	16	12.2 F	16 F	11 F
Total VOCs		1,370	2,510	2,770	2,410	2,290	2,313	1,506	1,838	1,677.70	2,279.9	1,866.06	1,128.4	2,600.9	2,628.63	2,342.6	2,598.5	2,527.5

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-3																
Date of Collection		4/10/07	6/28/07	9/17/07	12/5/07	3/24/08	6/11/08	9/9/08	12/17/08	3/16/09	6/23/09	9/10/09	12/1/09	4/7/10	6/15/10	9/15/10	12/7/10	4/27/11
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	129	44 F	89.20	78.20	46.5 F	44.6	43.5	26.4	33.4	20.0	25.6	23.4	24.9	32.8	23.5 F	26.8	21
1,3,5-Trimethylbenzene	5*	41 F	44 F	6.9 F	20.5 F	14.5 F	8.4 F	10.5 F	6.4 F	7.4 F	9.2 F	5.6 F	5.20 F	5.10 F	6.4 F	5.5 F	17.0 F	4.9
Benzene	1	1,000	997	892	696	774	767	820.0	644	568	581.0	647	584	582	688	766	687	600
Ethylbenzene	5*	65	27 F	28.3	28.5	38 F	9.4 F	9 F	4.8 F	5.2 F	2.4 F	2.2 F	U	1.30 F	U	U	U	0.56 J
Isopropylbenzene	5*	10.5 F	U	6 F	8 F	30.5 F	U	U	U	2.4 F	U	2.2 F	U	1.80 F	U	U	U	2.1
tert-Butyl Methyl Ether	10	108 F	U	114 F	81.5 F	84 F	U	65 F	52.6 F	51.8 F	43.6 F	55 F	36.8 F	58.9	63 F	53.5 F	43.0 F	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.0 J
n-Propylbenzene	5*	12.5 F	U	9.5 F	11.2 F	27.5	6.4 F	5.5 F	3.2 F	4.2 F	2.6 F	3 F	2.8 F	2.50 F	U	3 F	U	5.7
m,p,-Xylene (Sum of Isomers)	5*	328	146	201	196	208	94.2	71.0	45.4	55.4	41.8	39 F	39 F	33.3	25.6 F	17.2 F	14.5 F	6.6
Naphthalene	10	84.5	15.5 F	10.1	12.8 F	31.5 F	16.6 F	16.5 F	5.4 F	12.2 F	18.8 F	7.8 F	8.6 F	8.40 F	14.4 F	10. 5 F	2.75 F	7.9
o-Xylene	5*	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.52 J
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	5 F	U	3.5 F	4.75 F	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		1,783.5	1,273.5	1,361.6	1,137.5	1,254.5	946.6	1,041	788.2	740	719.4	787.4	699.8	718.2	830.2	868.70	791.05	650.28

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, the quantitation is an approximation.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-14																	
Date of Collection		**7/10/02**	**10/3/02**	**12/11/03**	**4/8/03**	**7/2/03**	**9/23/03**	**12/22/03**	**4/8/04**	**7/7/04**	**9/24/04**	**1/3/05**	**4/7/05**	**6/23/05**	**9/27/05**	**12/30/05**	**3/22/06**	**6/20/06**	**9/20/06**
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	67	42	48	91	5.2	82	110 J	160	110	120	140	97	65 M	28 ♦	31 M	47	33	27.8
1,3,5-Trimethylbenzene	5*	8.7	3.4	9.5	13	5	7.6	15	24	13	10	8.4 ♦	3.5	5.6 ♦	0.43 M	1.5 M	2.1	4.4	1.5
Benzene	1	8.6	3	4.4	6.4	3.9	3.6	5.3	9.7	5.4	5.6 ♦	7.4 ♦	8.1	5.6 ♦	3.4 M	2.6	3.1 B	4.1	1.14
Ethylbenzene	5*	26	1.6	0.61	18	13	9.4	28	38	24	22 ♦	14	24	31 ♦	3.2	1.2	5.3	13	6.38
Isopropylbenzene	5*	6.2	2.2	1.1	6.7	4.2	3.6	10	12	8.6	7.8 ♦	5.6 ♦	7.6	8.8 ♦	2	1.2	1.6	2.4	1.28
tert-Butyl Methyl Ether	10	U	U	U	0.17	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	0.90 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	3.4	1.2	U	4	U	1.7	6.8	8.4	5	5	3.2 ♦	3.8	5.8 ♦	0.88	0.46 F	U	0.46 F	0.49 F
m,p,-Xylene (Sum of Isomers)	5*	92	7.4	21	110	63	84	120 J	200	120	110 ♦	120 ♦	70	65 M	22 ♦	32 M	38	44	26.6
Naphthalene	10	2.5	1.5	2	2.6	2.6 B	1.4	3.6	3.9 F	2.4	3 F	4.2 ♦	2.6	2.3 ♦	1	0.97 F	0.93 F	0.55 F	1.03
o-Xylene	5*	0.8	U	0.57	0.84 F	0.62	0.62	1	1.4 F	0.88 ♦	U	U	U	0.51 ♦	U	U	0.28 F	0.24 F	0.17 F
p-Isopropyltoluene	5*	1.5	1.6	1.8	2.4	1	1.4	3.6	3.8	2.3	3.1	3.1 ♦	2.5	3.3 ♦	1.3	1.7 M	1.8	0.88	0.98 F
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	0.38 F	U	0.53	U	U	U	0.81	U	0.48 F♦	U	U	0.66	0.61	0.40 F	0.44 F	0.48 F	0.33 F	0.62 F
Toluene	5*	U	0.55	U	0.10 F	2	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		217.08	64.45	89.51	256.11	100.52	195.32	304.11	461.2	292.06	286.5	305.9	219.8	193.5	62.61	73.07	100.59	103.36	67.99

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-14																	
Date of Collection		**12/11/06**	**3/27/07**	**6/19/07**	**9/18/07**	**12/6/07**	**3/24/08**	**6/10/08**	**9/9/08**	**12/16/08**	**3/17/09**	**6/23/09**	**9/9/09**	**12/1/09**	**4/6/10**	**6/15/10**	**9/15/10**	**12/7/10**	**4/27/11**
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	66.8	57 ♦	32.7 ♦	30.1	30.4	72.9	47.9	11.6 ♦	5.53	25.3 ♦	14.4	2.18	2.36	15.7	3.12	6.9	16.2	50
1,3,5-Trimethylbenzene	5*	1.71	4.98 ♦	17.3	4 ♦	2.23	4.73	4.26	0.3 F ♦	0.26 F	1.77 ♦	0.94 F	U	0.11 F	1.68	0.22 F ♦	0.38 F	2.01	11
Benzene	1	1.46	2.78 ♦	2.12 ♦	0.96 ♦	0.24 F	1.28	2.08	1.19 ♦	0.45 F	3	2.45	0.49 F	0.13 F	1.41	0.48 F	U	0.18 F	1.7
Ethylbenzene	5*	10.3	10.2 ♦	8.65 ♦	5.64 ♦	0.38 F	8.88	24.9	9.27 ♦	1.5	15.4	9.64	0.22 F	U	6.08	1.45	U	0.31 F	13
Isopropylbenzene	5*	3.13	2.72 ♦	1.85 F ♦	1.7 ♦	0.78 F	2.82 ♦	4.92	2.55 ♦	0.82 F	4.79 ♦	2.8	0.32 F	0.30 F	2.26	U	0.41 F	1.02	6.1
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	0.13 F	U	U	0.33 F ♦	U	U	1.05	U	U	U	0.38 F	U	U	U	U	U	0.14 F	0.82 J
n-Propylbenzene	5*	1.09	1.10 F ♦	0.625 F ♦	0.63 F ♦	0.28 F	1.35 F	1.54	0.92 F ♦	0.21 F	1.69 ♦	1.42	U	U	0.520 F	U	U	0.26 F	4.1
m,p,-Xylene (Sum of Isomers)	5*	62.2	71.8 ♦	43.9	28.7	16.9	54.3	53.8	4.59 ♦	2.64	10.2 ♦	4.93	0.62 F	1.12 F	8.73	1.78 F	2.22 F	8.04	31
Naphthalene	10	1.35 F ♦	4.12 ♦	0.4 F	0.47 F ♦	0.57 F	1.52 F	0.63 F	U	U	U	0.8 F	U	0.20 F	0.110 F	U	U	U	0.39 J
o-Xylene	5*	0.42 F	1.58 F ♦	U	0.32 F ♦	0.58 F	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	1.16	1.65 F ♦	0.4 F	0.66 F ♦	0.51 F	1.48 F♦	1.25	U	U	U	0.35 F	U	U	U	U	U	U	0.95 J
sec-Butylbenzene	5*	U	U	U	U	U	U	1.36	0.62 F	0.46 F	0.99 F ♦	0.8 F	0.56 F	0.48 F	0.910 F	0.57 F	0.51 F	0.75 F	3.3
t-Butylbenzene	5*	0.44 F	0.35 F ♦	U	U	0.33 F	U	U	0.21 F	0.38 F	0.29 F ♦	0.39 F	0.18 F	0.17 F	0.260 F	U	0.15 F	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		150.19	158.28	107.95	73.51	53.20	149.26	143.69	31.25	12.25	63.43	39.3	4.57	4.87	37.66	7.62	10.57	28.91	122.36

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, the quantitation is an approximation.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
M - The differences between the two recoveries are outside of the relative percent difference limit
♦ = Denotes higher nominal value of duplicate sample result.
B - The analyte was also detected in a Blank.

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-B1NE2														
Date of Collection		**7/9/02**	**10/1/02**	**12/12/02**	**4/15/03**	**7/3/03**	**9/24/03**	**12/19/03**	**4/7/04**	**7/7/04**	**9/24/04**	**1/3/05**	**4/8/05**	**6/23/05**	**9/28/05**	**12/30/05**
VOCs (µg/L)																
1,2,4-Trimethylbenzene	5*	510	42	49	26	8.3	6.4	37	18	22	8.9	7.5	14	14	5.3	18
1,3,5-Trimethylbenzene	5*	160	26	21 M	9.5	1.6	1.9	12	4.3	3.7	1.7	1.3	2.2	2.2	0.92	3.5
Benzene	1	110	61	53 M	88	64	41	230	85	100	35	19	39	35	10	48
Ethylbenzene	5*	100	5.7	10 M	6.7	2	0.92	31	8.1	7.9	2.3	1.1	3.9	5.2	0.65	13
Isopropylbenzene	5*	36	2.1	4.5 M	2.4	1.1	0.56	3.6	1.1 F	1.9	0.84	0.6	1.8	2	0.54	2.8
tert-Butyl Methyl Ether	10	U	U	U	U	U	U		U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	0.044 M	0.062	U	U	1.8	U	U	U	U	U	0.33 F	U	U
n-Propylbenzene	5*	47	2.6	8.5 M	4.5	1.2	0.61	6.5	1.4 F	2.1	0.95	0.71	1.9	2.3	0.6	3.7
m,p,-Xylene (Sum of Isomers)	5*	970	63	33 M	36	18	12	110	35	36	15	11	24	24	6.2	42
Naphthalene	10	140	12	11 M	7.4	3.8 B	1.6	5.5	5	8.5	2.8	2.5	6.1	7.4	1.6	13
o-Xylene	5*	430	30	3.6 M	5.3	2	1.2	36	8.1	12	4.3	2.2	5.9	5	0.5	3
p-Isopropyltoluene	5*	13	4.8	3.8 M	1.9	U	U	1.4	U	0.42 F	0.24 F	U	0.23 F	0.29 F	U	0.34 F
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	0.44 F	0.34 M	0.14	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	370	22	3.3 M	2.8	2.2	1.6	210	7.1	4.3	0.85	0.53	1.6	1.6	U	2.1
Total VOCs		2,886.0	271.64	201.08	190.70	104.20	67.79	684.8	173.1	198.82	72.88	46.44	100.63	99.32	26.31	149.44

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-B1NE2														
Date of Collection		**3/21/06**	**6/20/06**	**9/24/06**	**12/18/06**	**3/28/07**	**9/18/07**	**3/24/08**	**9/9/08**	**3/17/09**	**6/23/09**	**9/9/09**	**12/1/09**	**4/6/10**	**6/15/10**	**4/28/11**
VOCs (µg/L)																
1,2,4-Trimethylbenzene	5*	2.1	42	21.8 J	1.41	11.1	20.4	15.5	0.56 F		15.2	7.15	0.65 F	0.910 F	0.3 F	0.66 J
1,3,5-Trimethylbenzene	5*	U	9.8	4.4	0.2 F	4.25	3.58	2.4	0.22 F		2.19	1.67	U	0.170 F	U	0.25 J
Benzene	1	7.6	57	35.4	3.97	70.8 J	31.5	26.8	5.39		5.1	5.22	3.88	4.83	3.27	1.8
Ethylbenzene	5*	0.49 F	9.4	2.92 J	U	6.62	4.39	3.13	0.57 F		3.56	0.5 F	U	U	U	U
Isopropylbenzene	5*	U	3.9	1.5 F	0.14 F	2.54	2.35	1.47	U		0.34 F	0.39 F	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U		U	U	U	U	U	U
n-Butylbenzene	5*	U	0.41 F	U		1.62	0.39 F	U	U	Free	0.91 F	0.38 F	U	U	U	U
n-Propylbenzene	5*	U	5.3	2.35	0.22 F	4.78	3.29	2.06	0.19 F	Product	0.45 F	0.7 F	U	0.170 F	U	0.17 J
m,p,-Xylene (Sum of Isomers)	5*	2.6	39	16.4 J	0.47 F	14.2	16.6	10.6	0.86 F	0.39 ft	32.5	2.01	0.28 F	0.330 F	U	U
Naphthalene	10	0.88 F	18	10.1	0.7 F	3.41	12.7	7.77	U		1.14	1.4	0.20 F	0.360 F	0.15 F	U
o-Xylene	5*	U	2.2	0.68 F	U	3.51	0.78 F	1.44	0.17 F		6.69	0.26 F	U	U	U	U
p-Isopropyltoluene	5*	U	0.59	U	U	1.14	0.39 F	0.45 F	U		1.18	0.56 F	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U		0.55 F	0.48 F	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	0.12 F	U	U	U		0.28 F	U	U	U	U	U
Toluene	5*	U	2.6	1.48 F	0.15 F	5.2	U	1.48	0.84 F		2.82	0.32 F	U	U	U	U
Total VOCs		13.67	190.2	97.03	7.26	129.29	96.37	73.1	8.8		72.91	21.04	5.01	6.77	3.72	2.88

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
M - The differences between the two recoveries are outside of the relative percent difference limit
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
B - The analyte was also detected in a Blank.
J - The analyte was positively identified, the quantitation is an approximation.

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-B3N								
Date of Collection		7/9/02	10/1/02	12/12/02	4/15/03	7/3/03	9/24/03	12/19/03	4/7/04	7/7/04
VOCs (µg/L)										
1,2,4-Trimethylbenzene	5*	U	1.9	1	0.63 F	U	1.8	1.3	0.56 F	1.4
1,3,5-Trimethylbenzene	5*	U	1.5	1.1	0.86 F	U	1.6	U	0.79 F	1
Benzene	1	2.4	4.3	3.6	3.2	3.1	3.4	3.8	2.2	2.3
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	0.11 F	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	0.069 F	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	7.3	16	6.7	5.6	6	11	8.9	1.3	6.8
Naphthalene	10	U	U	U	0.20 F	U	U	U	U	U
o-Xylene	5*	1.8	4	2.5	2.6	1.8	2.6	2.4	1.5	2.2
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	8.1	U	0.30 F	U	U	U
Total VOCs		11.5	27.7	14.9	21.37	10.9	20.7	16.4	6.35	13.7

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-B3N							
Date of Collection		9/24/04	4/8/05	9/27/05	3/21/06	9/24/06	3/29/07	3/24/08	4/27/11
VOCs (µg/L)									
1,2,4-Trimethylbenzene	5*	1.3	0.43 F	0.61	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	0.85	U	U	U	U	U	U	U
Benzene	1	1.6	1.2	1.3	0.87	0.23 F	1.86	0.21 F	U
Ethylbenzene	5*	U	U	U	U	U	0.14 F	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	0.24 F	U	U	0.16 F	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	5.9	0.61	U	U	U	0.24 F	U	U
Naphthalene	10	U	U	U	U	U	U	U	U
o-Xylene	5*	1.5	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	0.11 F	U	U
Total VOCs		11.15	2.48	1.91	0.87	0.39	2.35	0.21	0

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-LD1SW																
Date of Collection		**10/1/02**	**12/12/02**	**4/15/03**	**7/3/03**	**9/24/03**	**12/19/03**	**4/7/04**	**7/7/04**	**9/24/04**	**1/3/05**	**4/8/05**	**6/23/05**	**9/28/05**	**1/3/06**	**3/22/06**	**6/20/06**	**9/20/06**	**12/11/06**
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	Free Product	Free Product 0.03 ft	Free Product 0.03 ft	Free Product 1.74 ft	Free Product 0.29 ft	Free Product 0.26 ft	Free Product 1.25 ft	Free Product 0.56 ft	Free Product 0.01 ft	Free Product 0.02 ft	230	32	Free Product 0.04 ft	Free Product 0.85 ft	Free Product 0.03 ft	310	Free Product 0.04 ft	303
1,3,5-Trimethylbenzene	5*											39	11				110		92.1
Benzene	1											U	U				U		U
Ethylbenzene	5*											86	19				160		147
Isopropylbenzene	5*											24	3.5				28		28.6
tert-Butyl Methyl Ether	10											U	U				U		U
n-Butylbenzene	5*											11	U				4.7		3.49
n-Propylbenzene	5*											31	4.4				32		31.1
m,p,-Xylene (Sum of Isomers)	5*											200	41				380		396
Naphthalene	10											35	6.9				70		66
o-Xylene	5*											37	11				120		98.7
p-Isopropyltoluene	5*											10	1.5				10		8.55
sec-Butylbenzene	5*											8.8	1.1				6.9		5.22
t-Butylbenzene	5*											2.2	0.22 F				1.9		1.61
Toluene	5*											U	U				U		U
Total VOCs												714.00	131.62				1,233.50		1,181.37

Sample Location	NYS Groundwater Standards (µg/L)	AP2MW-LD1SW																
Date of Collection		**4/10/07**	**6/18/07**	**9/19/07**	**12/5/07**	**3/24/08**	**6/10/08**	**9/9/08**	**12/17/08**	**3/17/09**	**6/23/09**	**9/9/09**	**12/1/09**	**4/7/10**	**6/15/10**	**9/15/10**	**12/7/10**	**4/25/11**
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	Free Product	13.5	Free Product 0.03 ft	Free Product 0.08 ft	Free Product 0.11 ft	Free Product 0.03 ft	Free Product 0.03 ft	Free Product 0.04 ft	Free Product 0.09 ft	70.5	Free Product 0.04 ft	420	Free Product 0.24 ft	Free Product 0.02 ft	Free Product 0.03 ft	Free Product 0.01 ft	Free Product 0.07 ft
1,3,5-Trimethylbenzene	5*		16								23.0		129					
Benzene	1		U								U		U					
Ethylbenzene	5*		3.5								10.9		71.6					
Isopropylbenzene	5*		1.12								4.75 F		30.6					
tert-Butyl Methyl Ether	10		U								U		U					
n-Butylbenzene	5*		U								3.2 F		4.60 F					
n-Propylbenzene	5*		1.48								6.2		30.16					
m,p,-Xylene (Sum of Isomers)	5*		10.7								34.5		267					
Naphthalene	10		1.51								8.15		66.8					
o-Xylene	5*		2.05								7.55		46.6					
p-Isopropyltoluene	5*		0.75 F								4.65		12.4 F					
sec-Butylbenzene	5*		0.48 F								1.85 F		6.60 F					
t-Butylbenzene	5*		1.33								1.5 F		U					
Toluene	5*		U								U		U					
Total VOCs			52.42								176.75		1085.36					

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	782VMW-87																			
Date of Collection		7/10/02	10/3/02	12/11/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/8/05	6/23/05	9/28/05	3/22/06	9/20/06	12/18/06	3/27/07	3/24/08	3/17/09	4/6/10
VOCs (µg/L)																					
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10		U	U	38	41	32	29	26	U	24	25	24	24	30	24.6	20.1	20.7	17.5	16.8	18.5
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	38	41	32	29	26	0	24	25	24	24	30	24.6	20.1	20.7	17.5	16.8	18.5

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	782VMW-102																	
Date of Collection		2/20/02	1/30/03	6/25/03	9/19/03	12/9/03	3/31/04	7/2/04	9/21/04	1/3/05	4/8/05	6/23/05	9/28/05	12/30/05	3/22/06	6/20/06	9/20/06	12/18/06	2/28/07
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
Benzene	1	U	U	U	U	U	2,000	3,200	2,900	1,900	2,200	32	1,400	720	1,700 M	1,600	1,460	1,820 ♦	1,450
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	86	120	480	630	200	310	340	230 F	170	300	2.8	110F	87	280 M	60	88	93 F	134 F
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U		U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	25 J	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		86	120	480	630	200	2,310	3,540	3,155	2,070	2,500	34.8	1,510	807	1,980	1,660	1,548	1,913	1,584

Sample Location	NYS Groundwater Standards (µg/L)	782VMW-102																
Date of Collection		4/10/07	6/19/07	9/17/07	12/5/07	3/24/08	6/11/08	3/17/09	12/16/08	3/16/09	6/23/09	9/10/09	12/2/09	4/7/10	6/15/10	9/22/10	12/7/10	4/27/11
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	1,030	606	726	435 ♦	251 ♦	236	58.9	34.7 M	17 M ♦	46.6	52.2	54.9 M	21 ♦	4.54	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	69 F	1.19	53 F	37 F	28.7 F	U	15.9	0.58 F	0.72 F ♦	0.58 F	1.84 F	9.60 F	14.7	7.15	2.31 F	9.17 ♦	6.3
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	0.73 F ♦	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		1,099	607.19	779	472	280	236	74.8	35.28	18.45	47.18	54.04	64.5	35.7	11.69	2.31	9.17	6.3

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
J - The analyte was positively identified, the quantitation is an approximation.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
M - The differences between the two recoveries are outside of the relative percent difference limit
♦ = Denotes higher nominal value of duplicate sample result.

Table 6-4
Apron 2 Surface Water Sampling Results

Sample Location	NYS Surface Water Standards (µg/L)	782SW-118																
Date of Collection		5/7/02	2/10/03	2/27/03	9/19/03	12/9/03	3/31/04	7/2/04	9/21/04	12/29/04	4/6/05	6/24/05	9/28/05	12/30/05	3/22/06	6/20/06	9/20/06	12/18/06	2/28/07
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	3.8	3.8	1.5	13	6.2	9.1	7.1	25	5.2	U	3.3 B	5.2	3.75	6.84	0.7
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.14 F	0.34 F	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	1.59 F	1.1	0.86 F	4.2 F	0.71 F	0.24 F	2.5	1 F	0.86 F	0.51 F	2.5	U	U	U	0.6 F	0.45 F	0.79 F	0.15
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.17 F	0.63 F	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.12 F	U	U
Total VOCs		1.59	1.1	0.86	8	4.51	1.74	15.5	7.2	9.96	7.61	27.5	5.2	0	3.3	5.8	4.63	8.6	0.85

Sample Location	NYS Surface Water Standards (µg/L)	782SW-118																
Date of Collection		4/10/07	7/2/07	9/11/07	12/10/07	3/17/08	6/12/08	9/30/08	12/30/08	4/16/09	6/16/09	9/28/09	12/8/09	4/21/10	6/17/10	10/6/10	12/7/10	4/28/11
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	5.17	22.8	10.2	3.41	2.82	2.67	3.78	1.11	0.64	0.62	0.74	0.24 F	0.35 F	0.32 F	U	0.2 F	U
Ethylbenzene	5*	0.13 F	0.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	0.62 F	3.27 F	1.52 F	0.95 F	U	0.55 F	1.05 F	0.22 F	U	0.22 F	0.300 F	U	0.17 F	0.23 F	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	0.22 F	0.32 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		6.14	26.59	11.72	4.36	2.82	3.22	4.83	1.33	0.64	0.84	1.54	0.24	1.9	0.55	0	0.2	0

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
B - The analyte was also detected in a Blank.

Table 6-4
Apron 2 Surface Water Sampling Results

Sample Location	NYS Surface Water Standards (µg/L)	782SW-119																	
Date of Collection		5/7/02	2/10/03	2/27/03	9/19/03	12/9/03	3/31/04	7/2/04	9/21/04	12/29/04	4/6/05	6/24/05	9/28/05	12/30/05	3/22/06	6/20/06	9/20/06	12/18/06	2/28/07
VOCs (µg/L)																			
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	3.1	3.6	1.8	6.6	5.1	8.3	6.4	18	15	3.5	7.1	23	6.81	7	5.89
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U		U	U	0.27 F	0.15 F	0.29 F	0.24 F
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	1.59 F	1	2.5 F	5.2	1.3 F	0.52 F	1.8 F	1 F	1 F	1.2 F	6.5	2.1	U	U	U	0.99 F	0.76 F	0.68 F
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.18 F	0.48 F	0.46 F
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		1.59	1	2.5	8.3	4.9	2.32	8.4	6.1	9.3	7.6	24.5	17.1	3.5	7.1	23.27	8.13	8.53	7.27

Sample Location	NYS Surface Water Standards (µg/L)	782SW-119																
Date of Collection		4/10/07	7/2/07	9/11/07	12/10/07	3/17/08	6/12/08	9/30/08	12/30/08	4/16/09	6/16/09	9/28/09	12/8/09	4/21/10	6/17/10	10/6/10	12/7/10	4/28/11
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	4.37	11.2	5.79	3.87	2.36	4.39	3.21	1.25	0.62	0.59	0.71	0.20 F	0.34 F	0.31 F	0.12 F	0.27 F	U
Ethylbenzene	5*	0.12 F	0.11 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	0.57 F	1.98 F	1.37 F	0.87 F	U	0.79 F	0.99 F	0.26 F	U	0.19 F	0.370 F	U	0.2 F	0.28 F	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	0.2 F	0.23 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		5.26	13.52	7.16	4.74	2.36	5.18	4.2	13.11	0.62	0.78	1.08	0.24	0.71	0.59	0.12	0.27	0

Notes:
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
♦ = Denotes higher nominal value of duplicate sample result.

Table 6-4
Apron 2 Surface Water Sampling Results

Sample Location	NYS Surface Water Standards (µg/L)	782SW-120															
Date of Collection		5/7/02	2/10/03	2/27/03	9/19/03	12/9/03	3/31/04	7/2/04	9/21/04	12/29/04	4/6/05	6/24/05	9/28/05	12/30/05	3/22/06	6/20/06	9/20/06	12/18/06
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	0.26 F	U	U	U	0.37 F	0.57 F	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	2.86	1	0.24 F	2.8	3.7	1.8	6.7	5	9	5.2	14	10	3.5	9.2	16	4.35	5.95
Ethylbenzene	5*	0.37 F	0.23 F	U	0.31 F	U	U	0.22 F	0.22 F	0.36 F	U	0.58	U	U	U	0.53	0.24 F	0.25
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	1.74 F	1.1	1.7 F	4.6 F	1.3 F	0.68 F	1.8 F	1.3 F	U	0.89 F	U	2	0.5 F	U	U	1 F	0.84 F
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	0.87 F	0.58 F	U	0.64 F	U	U	0.58 F	0.50 F	0.91 F	U	2.2	0.92 F	U	U	U	0.64 F	0.44 F
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		5.84	2.91	1.94	8.35	5	2.48	9.3	7.02	10.27	6.09	17.04	12.92	4	9.2	16.9	6.8	7.48

Sample Location	NYS Surface Water Standards (µg/L)	782SW-120															
Date of Collection		2/28/07	4/10/07	7/2/07	9/11/07	12/10/07	3/17/08	6/12/08	9/30/08	4/16/09	6/16/09	9/24/09	12/8/09	4/21/10	6/17/10	10/6/10	12/7/10	4/28/11
VOCs (µg/L)																		
1,2,4-Trimethylbenzene	5*	U	U	0.23 F	U	0.16 F	0.24 F	0.59 F	U	0.33 F	U	0.18 F	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	0.33 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	5.13	2.72	6.57	4.1	3.65	2.3	3.87	2.64	1.16	0.59	0.87	0.3 F	0.41 F	0.43 F	0.14 F	0.34 F	U
Ethylbenzene	5*	0.23 F	0.18 F	0.35 F	U	0.15 F	0.18 F	0.21 F	0.15 F	0.12 F	U	0.13 F	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	0.71 F	0.42 F	1.61 F	1.19 F	0.76 F	U	0.86 F	0.82 F	U	0.26 F	0.48 F	U	0.21 F	0.32 F	U	0.17 F	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	0.43 F	0.43 F	0.97 F	U	0.38 F	1.08 F	0.57 F	0.27 F	0.35 F	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	0.14 F	U	U	U	U	U	0.15 F	U	0.23 F	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		6.5	3.75	10.2	5.29	5.1	3.8	6.1	3.88	2.11	0.85	1.89	0.3	0.74	0.75	0.14	0.51	0

Notes:

* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2VMP-1M														
Date of Collection		12/18/06	12/5/07	3/24/08	6/11/08	9/9/08	12/17/08	3/16/09	6/24/09	9/10/09	12/1/09	4/7/10	6/15/10	9/22/10	12/7/10	4/27/11
VOCs (µg/L)																
1,2,4-Trimethylbenzene	5*	358	200	U	15.1	7.2 F	U	U	2.4 F	U	U	U	U	U	U	0.14 J
1,3,5-Trimethylbenzene	5*	71.5	43	U	5.04	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	1,260	368	633	425	886	626	550	313	309	212	348	199	15.2	20.1	340
Ethylbenzene	5*	212	71.4	U	3.14	U	U	U	U	U	U	1.10 F	U	U	U	U
Isopropylbenzene	5*	24 F	15.8	U	1.68	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	114 F	93.8	101.0	91.4 F	69 F	73.5 F	76.8 F	66.1	69.4 F	57.4 F	79.2	175.0	59.1	68.5	77
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	13.5 F	17.5	U	1.92	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	970	105	U	7.64	2.8 F	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	97	41.4	25.5	10.1	U	U	U	U	U	U	1.20 F	2.22 F	0.375 F	U	U
o-Xylene	5*	U	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	18 F	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		3,138	958.9	775.5	561.02	965.00	699.5	626.8	381.5	378.4	269.4	429.5	377.42	74.67	88.6	417.14

Sample Location	NYS Groundwater Standards (µg/L)	AP2VMP-1D														
Date of Collection		12/18/06	3/1/07	6/28/07	9/18/07	12/5/07	3/24/08	6/11/08	9/9/08	12/17/08	3/16/09	6/24/09	9/10/09	4/7/10	9/22/10	
VOCs (µg/L)																
1,2,4-Trimethylbenzene	5*	2.03	1.3	U	U	U	U	U	U	U	U	U	U	U	U	
1,3,5-Trimethylbenzene	5*	0.32 F	0.730 F	U	U	U	U	U	U	U	U	U	U	U	U	
Benzene	1	1.81	5.5 F	U	U	U	U	U	U	U	U	U	U	U	U	
Ethylbenzene	5*	0.85 F	U	U	U	U	U	U	U	U	U	U	U	U	U	
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
tert-Butyl Methyl Ether	10	3.04 F	4.1 F	U	6.5	3.74 F	6.58	6.99 J	6.75	7.75	8.79	10.2	11.2	14.9	12.3	
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
m,p,-Xylene (Sum of Isomers)	5*	4.29	5 F	U	U	U	U	U	U	U	U	U	U	U	U	
Naphthalene	10	1.29	2.19	U	U	U	U	U	U	U	U	U	U	U	U	
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
Toluene	5*	U	0.11 F	U	U	U	U	U	U	U	U	U	U	U	U	
Total VOCs		13.63	18.93	0	6.5	3.74	6.58	6.99	6.75	7.75	8.79	10.2	11.2	14.9	12.3	

Notes:

* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

J - The analyte was positively identified, the quantitation is an approximation.

Table 6-4
Apron 2 Groundwater Sampling Results

Sample Location	NYS Groundwater Standards (µg/L)	AP2VMP-2																			
Date of Collection		12/18/06	12/18/06	3/1/07	6/28/07	9/18/07	12/5/07	3/24/08	6/11/08	9/9/08	12/17/08	3/16/09	6/24/09	6/24/09	9/10/09	9/10/09	12/1/09	4/7/10	9/22/10	9/22/10	4/27/11
VOCs (µg/L)																					
1,2,4-Trimethylbenzene	5*	U	0.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	1,150	20.2	22.6	2.33	U	1.39	0.63	0.70	0.56 F	0.44 F	0.29 F	0.27 F	0.16 F	U	0.43 F	0.17 F	0.270 F	U	0.350 F	U
Ethylbenzene	5*	U	0.28 F	0.11 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	85 F	5.8	2.42 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.2 J
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	0.17 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	U	0.25 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	0.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	15.5 F	0.17 F	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		1,250.5	27.07	25.43	2.33	0	1.39	0.63	0.7	0.56	0.44	0.29	0.27	0.16	0	0.43	0.17	0.270	0	0.350	2.2

Sample Location	NYS Groundwater Standards (µg/L)	AP2VMP-3																		
Date of Collection		12/18/06	12/18/06	3/1/07	6/28/07	9/18/07	12/5/07	3/24/08	6/11/08	9/9/08	12/17/08	3/16/09	6/24/09	6/24/09	9/10/09	9/10/09	12/1/09	4/7/10	9/22/10	4/27/11
VOCs (µg/L)																				
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	0.13 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	0.16 F	0.15 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p,-Xylene (Sum of Isomers)	5*	0.32 F	0.44 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	0.12 F	0.12 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
t-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	0.19 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0.92	0.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

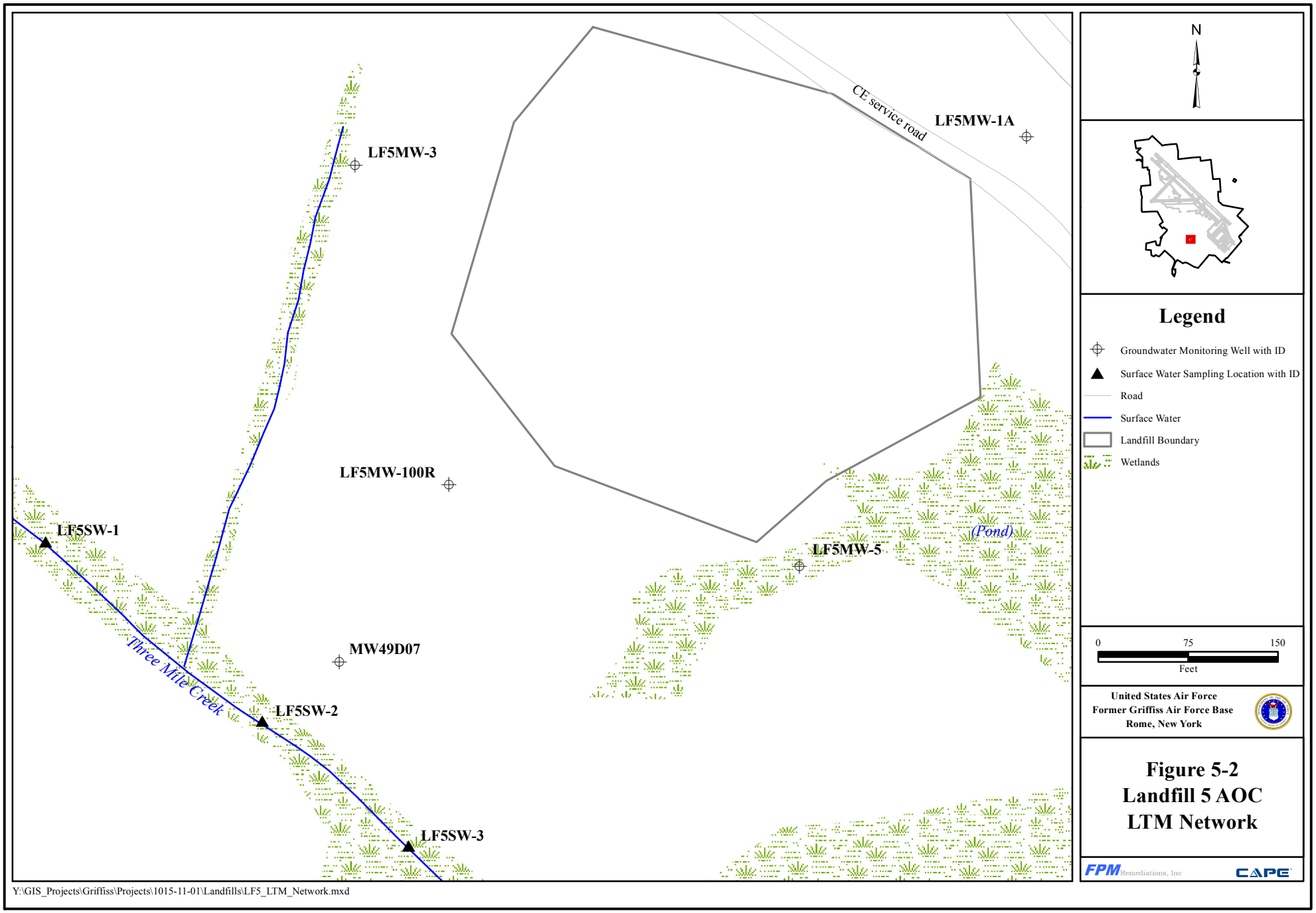
Notes:

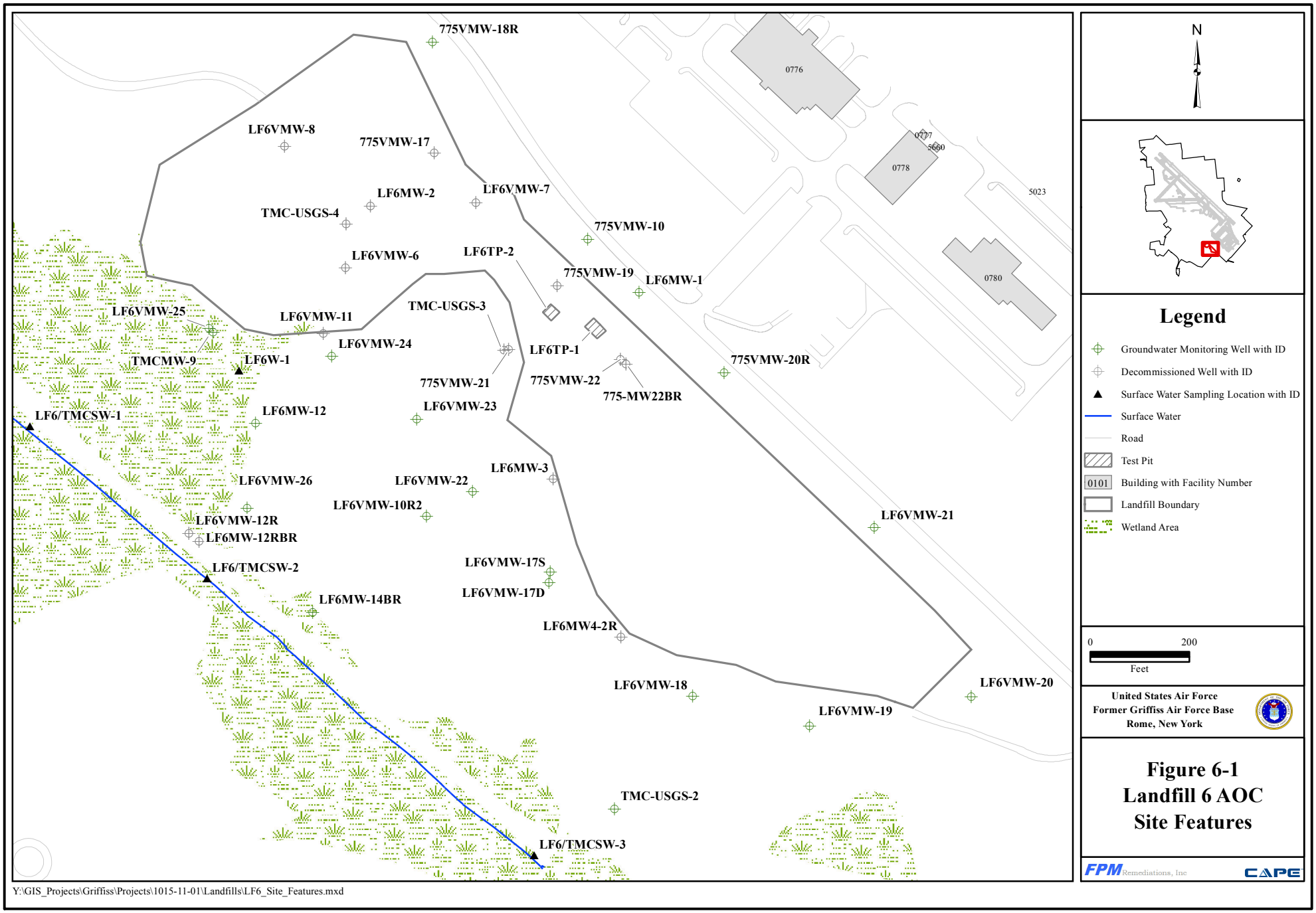
* - The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).

J - The analyte was positively identified, the quantitation is an approximation.


LF5MW-3
LF5MW-1A
CE service road
LF5MW-100R
LF5SW-1
(Pond)
LF5MW-5
Three Mile Creek
MW49D07
LF5SW-2
LF5SW-3
N
Legend
Groundwater Monitoring Well with ID
Surface Water Sampling Location with ID
Road
Surface Water
Landfill Boundary
Wetlands
0
75
150
Feet
United States Air Force
Former Griffiss Air Force Base
Rome, New York
Figure 5-2
Landfill 5 AOC
LTM Network
FPM Remediations, Inc
CAPE
Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Landfills\LF5_LTM_Network.mxd



N

Legend

- Groundwater Monitoring Well with ID
- Decommissioned Well with ID
- Surface Water Sampling Location with ID
- Surface Water
- Road
- Test Pit
- 0101 Building with Facility Number
- Landfill Boundary
- Wetland Area

0 200
Feet

United States Air Force
Former Griffiss Air Force Base
Rome, New York

Figure 6-1
Landfill 6 AOC
Site Features

FPM Remediations, Inc CAPE

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Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-1A												
Date of Collection			2/3/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/21/2004	9/13/2004	12/10/2004	3/30/2005	6/20/2005	9/6/2005	12/13/2005	3/9/2006
Sample ID No.			LF5M1A22AA	LF5M1A21BB	LF5M1A22CA	LF5M1A21DA	LF5M1A21EA	LF5M1A21FA	LF5M1A21GA	LF5M1A22HA	LF5M1A221A	LF5M1A22JA	LF5M1A22KA	LF5M1A22LA	LF5M1A23MA
Depth to Water (ft)			**21.80**	**20.99**	**21.59**	**21.16**	**20.98**	**21.10**	**21.33**	**21.81**	**21.84**	**21.80**	**22.46**	**21.78**	**22.53**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	UM
1,3,5-trimethylbenzene	5*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	U
4-chlorotoluene	5*	1	U	0.20 M	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	1.7 F	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NA	NS	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5*	0.5	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	0.35 B	UM	NA	NA	0.26 F	NA	NA	NA	0.33 F	NA	NA	NA	U
naphthalene	10	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	U	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	UM	NA	NA	U	NA	NA	NA	UM	NA	NA	NA	UM
toluene	5*	1	0.16 F	UM	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**33,118.6**	**11,000 M**	**10,400**	**23,500**	**15,600 M**	**12,200 M**	**3,990**	**6,020**	**8,370 M**	**9,220 M**	**3,530 F**	1,900 J	1,520
antimony	3	50	**21.8 F**	**21.0 F**	**17.5 F**	**14.3 F**	U	U	U	U	U	U	U	U	U
arsenic	25	30	**29.5 F**	6.1 F	8.7 F	20.9 F	10.3 F	8.1 F	U	5.2 F	3.1 F	3.8 F	U	U	U
barium	1,000	50	233.1	91.7	92.9	152	117	108	68	74.8	99.1 M	98.2	80.4	70.2	54.2
berylium	3	4	1.79 F	0.50 F	0.6 F	1.2 F	0.8 F	U	U	U	0.5 F	0.5 F	U	U	U
boron, Total	1,000	10	35.5 F	60.6 B	NA	NS	24.4	NA	NA	NA	17.8	NA	NA	NA	15.1
cadmium	5	5	U	U	U	U	0.5 F	U	U	U	U	U	U	U	U
calcium	--	1,100	99,808.9	65,000	86,500	75,800	90,700	118,000 M	106,000	145,000	140,000	126,000	191,000	139,000	101,000
chromium	50	10	**14,712.7**	**1,160**	**1,100 M**	**749 J**	**346 M**	**1,000 M**	**240 M**	**394 F**	**447 M**	**965 M**	**458 M**	**219 M**	**610 M**
cobalt	--	60	52.5	10.1 F	11.2 F	22.8 F	12.7 F	11.3 F	2.6 F	4.5 F	7.7 F	11.5 F	4.5 F	2.2 F	1.9 F
copper	200	10	**328.6**	45.7	47.2	93.6	52.8 M	56.4	15.5	22 J	38.3 J	37.6	18.1 J	9 F	13
iron	300	200	**134,816.7**	**19,500**	**23,600 M**	**51,400**	**29,500**	**26,000 M**	**7,610**	**11,000**	**14,700 M**	**18,600 M**	**7,980 F**	**3,480 F**	**3,590 M**
lead	25	25	22 F	8.0 F	9.2 F	22.5 F	12.6 F	8.9 F	U	3.9 F	5.1 F	4.1 F	U	U	U
magnesium	35,000	1,000	19,850.2	6,510	6,890	11,600	9,270	9,600 M	6,300	9,000	8,060	8,810 M	9,590	7,050	5,020
manganese	300	10	**4,461.8**	**1,000**	**941 M**	**2,360**	**1,450**	**1,180 M**	**310**	**419**	**620 M**	**869 M**	**340 M**	136 M	124 M
molybdenum	--	15	151.1	13.1 F	14.1 F	8.8 F	4.6 F	11.4 F	2.9 F	2.9 F	3.1 F	9.8 F	5.4 F	2.7 F	9.9 F
nickel	100	20	**757.2**	80.9	82.4	**127**	72.2 M	81	33.1 J	84.5	**107 M**	**109 M**	**122**	59.8 J	45.3 M
potassium	--	1,000	6,355.4	4,850 M	4,450.0	7,710	6,190	5,040	2,750	3,260	3,720	4,390	2,560	2,260	1,530
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	2.2 F	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**70,416.3**	**32,400**	**79,900 M**	**74,000**	**47,400**	**47,600 M**	**71,500**	**92,200**	**126,000**	**111,000**	**135,000**	**166,000 M**	**104,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	107.8	26.1	24.4	46.8	31.3	25.7	7.3 F	11.4	16.4 J	18.8	7.5 F	4 F	4.9 F
zinc	2,000	20	171.3	42.7	59	116	69.1	55.2 M	17 F	24.9	34.9	37.7 M	17.2 F	7.3 F	7.4 F
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
aroclor 1248	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	247	180	252 M	219	205	168	212	379	356	249	342 M	252	240
ammonia	2	0.2	U	0.15	UM	0.11 F	0.078	U	0.03 F	0.14	U	U	0.029 F	U	U
BOD5	--	2.4	U	6.1 B	UM	U	U	U	UM	U	UM	U	U	U	U
bromide	2	0.5	U	UM	UM	U	U	UM	U	U	U	U	U	U	U
COD	--	5	12.54	19.1 M	UM	U	U	U	U	U	U	6.3 M	U	19.4 M	UM
chloride	250	1	74.323 R	27.9	71.3 M	83.2	126	184	231	147	184	262	**325**	**363 M**	203 M
color	15	5	**50**	**100**	NA	NA	**250**	NA	NA	NA	**400 F**	NA	NA	NA	**20**
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0071 F
hardness, Total	--	1	1.94	221	269	300	272	308	320	444	290	384	U	80.3 M	300 M
nitrate	10	1	5.6315	5 M	**14.5 F**	U	3.8 F	UM	3.7 M	3.4	3.3 M	3.3 M	3.3 M	3.1 M	2.6
TKN	1	1	**1.12**	0.43	0.79 M	0.45	0.34 J	0.36	0.17 F	0.73 B	0.34	0.22	0.36 M	0.89 M	0.91 M
sulfate	250	1	16.6555	14	15.9 M	16	10.7	12	11	15.1	19.1 M	15.2	14.9	23.4 M	14
TDS	500	10	275.6	325	451	434	494	**608**	**626**	**667**	**649**	**707**	**1,040**	**848**	**577**
TOC	--	1	5.99	2.7	3.1	3.7	2.5	0.95 F	2.7	4.2	3.9	3.5	3.2	2.2	2.3
phenolics, Total	--	0.005	0.0062	0.019 B	U	0.014 J	U	U	U	U	0.0069 F	U	U	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-1A																			
Date of Collection			**9/12/2006**		**3/27/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/24/2010**		**6/9/2011**					
Sample ID No.			**LF5M1A22NA**		**LF51A21OA**		**LF5M1A22PA**		**LF5M1A20QA**		**LF5M1A22RA**		**LF5M1A20SA**		**LF5M1A21TA**		**LF5M1A21UA**					
Depth to Water (ft)			**21.91**		**20.52**		**22.20**		**20.12**		**21.88**		**20.32**		**21.47**		**19.62**					
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	**1,870**	U	**13,000**	U	5,700	U	**9,500♦**	U	**4,800♦**	U	**14,000 F**	U	**4,600 ♦**	NA					
antimony	3	50	U	U	U	U	U	2.5F	U	U	**3.9 F♦**	U	U	U	U	U	NA					
arsenic	25	30	U	U	U	8.3 F	U	5F	U	8.0 F	U	4.6 F♦	U	11 F	U	U	NA					
barium	1,000	50	46 F	55.7	34 F	93	34F	65	30 F	78♦	50♦	82♦	36 F♦	99	69 ♦	76	NA					
berylium	3	4	U	U	U	0.73 F	U	.28F	0.11 F	0.87 F	U	0.72 F♦	U	0.80 F	U	0.24 F♦	NA					
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	0.53 F	U	U	U	U	U	U	NA					
calcium	--	1,100	108,000	105,000	110,000	110,000	120,000	120,000	68,000	70,000♦	130,000	140,000♦	78,000 ♦	89,000	160,000 J ♦	110,000 J	NA					
chromium	50	10	U	**189**	3.6 F	**1,400 F**	U	**620M**	U	**2,200 F**	U	**1,700♦**	U	**950 F♦**	U	**620 M**	NA					
cobalt	--	60	U	U	U	9.1 F	U	U	U	7.8 F	U	7.0 F	U	11 F	U	U	NA					
copper	200	10	U	9.79 F	4.0 F	55	U	26J	U	45 J♦	U	38	U	51	U	19	NA					
iron	300	200	13.8 F	**4,740**	U	**25,000**	U	**13,000**	U	**27,000♦**	22 F	**16,000**	U	**29,000 F**	290	**9,700 ♦**	NA					
lead	25	25	U	U	U	9.7 F	U	U	U	8.5 F♦	U	U	U	13 F	U	U	NA					
magnesium	35,000	1,000	4,560	5,010	6,700	10,000	5,400	7,300	4,400	7,300♦	4,900♦	6,800♦	4,100 ♦	8,400	7,400 F ♦	6,200	NA					
manganese	300	10	8.63 F	130	23	**1,000**	30F	**470**	12	**960♦**	91 F♦	**460♦**	6.9 F♦	**1,400 F**	76 ♦	**320**	NA					
molybdenum	--	15	U	U	U	13 F	U	7.3F	U	12 F♦	U	17.0	U	7.7 F♦	U	5.7 F♦	NA					
nickel	100	20	30.9	43.1	44	**110 F**	66.0	**120F**	17 F	**110 F♦**	**160 F♦**	**250**	19 F♦	**150 F♦**	94 F	**230 F ♦**	NA					
potassium	--	1,000	1,080	1,720	1,000	4,900	1,100	2,600	1,100	3,800♦	1,200	2,800♦	1,000	4,900 J	1,600	3,100 ♦	NA					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	20,000	1,000	**146,000**	**142,000**	**57,000**	**58,000**	**100,000**	**100,000**	**92,000 J**	**93,000 J♦**	**140,000♦**	**150,000♦**	**110,000 J♦**	**130,000 J**	**300,000 J ♦**	**220,000 J**	NA					
thallium	0.5	80	U	**6.85 F**	U	U	U	U	U	6.3 F	U	U	U	U	U	U	NA					
vanadium	--	10	U	4.35 F	U	27	U	12	U	26 F♦	U	12	U	28	U	10 ♦	NA					
zinc	2,000	20	29.2 B	37.1 B	U	59	U	30	12 F	60 B♦	15 F	29♦	15 F♦	83	8.9 F♦	20 ♦	NA					
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
aroclor 1248	0.09	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		230					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		0.17 F					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		U					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		U					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		6.6 F♦					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		180					
color	15	5	NA		NA		NA		NA		NA		NA		NA		5					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		280♦					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		0.40 F					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		0.67 F♦					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		11					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		**540**					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		4.7					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-3												
Date of Collection			1/8/1999[8]	2/5/2003	6/16/2003	9/8/2003	12/1/2003	3/29/2004	6/18/2004	9/16/2004	12/29/2004	3/30/2005	6/20/2005	9/6/2005	12/13/2005
Sample ID No.			LF5M0308AB	LF5M0314AA	LF5M0314BA	LF5M0315CA	LF5M0315DA	LF5M0315EA	LF5M0315FA	LF5M0315GA	LF5M0315HA	LF5M0315IA	LF5M0315JA	LF5M0315KA	LF5M0315LA
Depth to Water (ft)			**8.11**	**7.83**	**7.62**	**7.46**	**6.16**	**5.67**	**7.00**	**8.11**	**7.28**	**5.21**	**7.28**	**7.69**	**7.08**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	NA	0.10 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trichlorobenzene	5*	1	NA	0.07 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
4-chlorotoluene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
acetone	50	10	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chloroform	7	0.3	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
naphthalene	10	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
o-xylene	5*	1	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
styrene	50*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
toluene	5*	1	U	0.43 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
vinyl acetate	--	5	NA	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	570 J	**3,154.6**	**10,600**	992	**17,300**	**6,390**	**4,610**	1,580	568	318	256	192 F	195 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	6.3 F	U	U	U	U	U	U	U	U
barium	1,000	50	13.98	58.1	113	45.6 F	170	63.1	63.1	43.9 F	50.6	66.4	42.3 F	51.7	67
berylium	3	4	U	U	0.60 F	0.40 F	0.9 F	0.3 F	U	U	U	U	U	U	U
boron, Total	1,000	10	U	6.2 F	68.5 B	NA	NS	17.6	NA	NA	NA	22.7	NA	NA	NA
cadmium	5	5	U	U	U	U	U	U	U	U	U	0.4 F	0.3 F	U	U
calcium	--	1,100	209,400 M	84,004	58,000	83,900	56,800	37,700	64,400	61,600	128,000	118,000	122,000	134,000	183,000
chromium	50	10	1.0 F	4.4 F	14.3	2.3 F	22	8.9 F	7.3 F	5.1 F	1.9 F	1.6 F	0.9 F	U	U
cobalt	--	60	0.7 F	0.5 F	3.7 F	U	7.6 F	2.4 F	2.2 F	U	U	U	U	U	U
copper	200	10	U	21.8	47.8	34.9	59.1	32.7	41.2	28.1	16	11.8	14	13	13.6
iron	300	200	**607.8 F**	**2,929.5**	**8,990**	**958**	**14,900**	**5,180**	**3,980**	**1,390**	**527**	222	232	217	188 F
lead	25	25	3.0 F	2.7 F	4.9 F	U	7.3 F	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	25,945	10,255.1	6,120	6,130	7,650	3,940	5,680	5,140	12,900	11,100	12,600	13,400	17,800
manganese	300	10	**1,766.3**	**389.9**	85.9	188	144	48.7	90.1	32.4	**335**	77.2	151	294	**661**
molybdenum	--	15	U	4.3 F	U	2.2 F	U	U	U	U	U	0.7 F	U	U	U
nickel	100	20	6.0 F	3.7 F	12.6 F	5.1 F	18.9 F	8.7 F	8.0 F	5.8 F	3.6 F	3.5 F	2.3 F	2.5 F	2.6 F
potassium	--	1,000	4,638	21,330	3,090	1,340	4,480	1,770	1,560	975 F	1,440	1,070	1,460	1,490	1,780
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	13,570	4,088.7	2,580	4,190	4,240	3,570	3,980	2,680	1,410	2,210	1,440	1,240	8,370
thallium	0.5	80	U	U	**10 F**	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.5 F	18.0	2.8 F	29.4	11.7	8.5 F	3.2 F	1.6 F	1.1 F	U	U	U
zinc	2,000	20	U	13.4 F	29.8	U	50.1	18.6 F	14.5 F	5.8 F	U	7.1 F	U	3.7 F	U
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	NA	U	UJ	U	U	U	U	U	U	U	NA	NA	NA
aroclor 1248	0.09	0.5	NA	U	UJ	U	U	U	U	U	U	U	NA	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	362	186	142	202	89.6	63.6	162	140	326	111	232	247	247
ammonia	2	0.2	U	U	U	U	U	U	0.071	0.13	0.14 B	0.1	U	0.015 F	U
BOD5	--	2.4	2.4 F	U	6.5 B	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	0.28 F	U	0.21 F	U	U	U
COD	--	5	27.5 M	47.74	58.4	67.8	77.8	54.2	64.9	64.5	32.6	22.9	19.8	16.2	32.8
chloride	250	1	84 F	9.9047	1.7	1.2	U	1.5	1.4	1.2	1.4	6.6	4.1	8	18.8
color	15	5	**60**	**90**	**160**	NA	NA	**280**	NA	NA	NA	**50 F**	NA	NA	NA
cyanide	200	0.02	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
hardness, Total	--	1	752 F	247.09	198	368	230	104	204	350	400	344	352	480	221
nitrate	10	1	0.02 M	3.6409	U	U	8.9	6.8	0.83 F	7.2	0.98 F	5.8	0.38 F	0.2 F	2.5
TKN	1	1	U	**1.26**	1	**1.4**	**3**	**4**	**2**	**6**	0.89	**1.2**	0.48	0.86	0.66
sulfate	250	1	175 F	30.2992	15	13.3	35.8	9.6	12	14.5	36.3	236	141	146	**334**
TDS	500	10	**854**	396	355	325	463	200	319	276	440	450	445	**524**	**705**
TOC	--	1	20.8	21.55	21.2	27.6	27.8	19.4	23.4	22.6	11.9	11.3	9.8	10.1	9.6
phenolics, Total	--	0.005	U	0.00595	0.015 B	U	U	U	U	U	U	U	0.0040 F	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-3																	
Date of Collection			**3/9/2006**	**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/6/2009**		**3/24/2010**		**6/8/2011**		
Sample ID No.			**LF5M0315MA**	**LF5M0315NA**		**LF5M0315OA**		**LF5M0315PA**		**LF5M0315QA**		**LF5M0315RA**		**LF5MO315SA**		**LF5M0315TA**		**LF5M0315UA**		
Depth to Water (ft)			**7.01**	**7.61**		**3.97**		**7.93**		**5.25**		**7.14**		**5.51**		**5.76**		**6.34**		
VOCs (µg/L)																				
1,2,3-trichlorobenzene	5	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
1,2,4-trichlorobenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
1,2,4-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
1,3,5-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
4-chlorotoluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
acetone	50	10	U	NA		NA		NA		NA		NA		NA		NA		NA		
carbon disulfide	1,000	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA		
chlorobenzene	5*	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA		
chloroform	7	0.3	U	NA		NA		NA		NA		NA		NA		NA		NA		
naphthalene	10	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
o-xylene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
styrene	50*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
toluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA		
vinyl acetate	--	5	U	NA		NA		NA		NA		NA		NA		NA		NA		
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	498	44.5 F	107 F	190 F	920	44F	210	180 F	320	62 F	250	120 F	420	U	220	NA		
antimony	3	50	U	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	NA		
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
barium	1,000	50	62.3	67.7	68.9	97	100	69	70	100	120	65	70	100	110	82	79	NA		
berylium	3	4	U	U	U	U	U	U	U	0.17 F	0.16 F	U	U	U	U	U	U	NA		
boron, Total	1,000	10	47.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	NA	NA		
cadmium	5	5	1 F	U	U	U	U	U	U	U	U	U	U	NA	NA	U	U	NA		
calcium	--	1,100	188,000	201,000	199,000	200,000	200,000	210,000	200,000	320,000	350,000	190,000	210,000	420,000	440,000	320,000	300,000	NA		
chromium	50	10	2.1 F	3.04 F	4.3 F	6.5 F	7.7 F	3.1F	3.2F	2.6 F	4.0 F	2.1 F	5.4 F	3.9 F	6.7 F	U	U	NA		
cobalt	--	60	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
copper	200	10	12.2	12.7	12.4	15	17	14	15	15	17	6.4 F	10	22	25	13	13	NA		
iron	300	200	**502**	16.6 F	70.7 F	80 F	**690**	47F	200	71 F	180 F	**330**	**710**	65 F	**370**	160 F	290	NA		
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
magnesium	35,000	1,000	18,100	21,100	20,900	23,000	23,000	21,000	21,000	**36,000**	**39,000**	21,000	22,000	**43,000**	**45,000**	**36,000**	**35,000**	NA		
manganese	300	10	**452**	251	255	56	190	290	320	38	77	**2,200**	**2,300**	38	110	150	130	NA		
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
nickel	100	20	3.4 F	3.33 F	3.54 F	6.8 F	7.1 F	3.6F	4.1F	6.5 F	7.3 F	4.8 F	11 F	60 F	7.2 F	4.5 F	4.1 F	NA		
potassium	--	1,000	1,600	1,910	1,910	1,400	1,600	1,700	1,700	1,500	1,700	1,800	1,900	2,100	2,400	1,700	1,800	NA		
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
sodium	20,000	1,000	3,250	2,850 B	2,840 B	3,300	3,200	2,700	2,600	5,800	6,300	2,100 B	2,600B	7,100	7,300	5,100	4,700	NA		
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA		
vanadium	--	10	1.3 F	U	U	U	1.8 F	U	U	U	U	U	1.2 F	U	U	U	U	NA		
zinc	2,000	20	5.8	16 F	20.9 B	6.9 F	13 F	U	5.2F	17 F	20 B	16 F	14 F	24	25	8.3 F	12 F	NA		
PCBs (µg/L) [Filtered/Unfiltered]																				
aroclor 1242	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA		
aroclor 1248	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA		
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	323	NA		NA		NA		NA		NA		NA		NA		230		
ammonia	2	0.2	U	NA		NA		NA		NA		NA		NA		NA		0.093 F		
BOD5	--	2.4	U	NA		NA		NA		NA		NA		NA		NA		4.3		
bromide	2	0.5	U	NA		NA		NA		NA		NA		NA		NA		**9.1**		
COD	--	5	15.5	NA		NA		NA		NA		NA		NA		NA		59		
chloride	250	1	4.7	NA		NA		NA		NA		NA		NA		NA		5		
color	15	5	**25**	NA		NA		NA		NA		NA		NA		NA		**50**		
cyanide	200	0.02	0.01 F	NA		NA		NA		NA		NA		NA		NA		NA		
hardness, Total	--	1	560	NA		NA		NA		NA		NA		NA		NA		1,400		
nitrate	10	1	2.1	NA		NA		NA		NA		NA		NA		NA		1.5		
TKN	1	1	0.79 B	NA		NA		NA		NA		NA		NA		NA		**1.4**		
sulfate	250	1	188	NA		NA		NA		NA		NA		NA		NA		**1,000**		
TDS	500	10	**626**	NA		NA		NA		NA		NA		NA		NA		**1,700**		
TOC	--	1	8.8	NA		NA		NA		NA		NA		NA		NA		25		
phenolics, Total	--	0.005	U	NA		NA		NA		NA		NA		NA		NA		NA		

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-5												
Date of Collection			2/5/2003	6/16/2003	9/8/2003	12/1/2003	3/29/2004	6/21/2004	9/14/2004	12/10/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5M0512AA	LF5M0505BB	LF5M0513CA	LF5M0512DA	LF5M0512EA	LF5M0512FA	LF5M0512GA	LF5M0512HA	LF5M0512IA	LF5M0512JA	LF5M0512KA	LF5M0512LA	LF5M0512MA
Depth to Water (ft)			**5.60**	**4.92**	**5.53**	**4.75**	**4.35**	**5.17**	**5.42**	**5.03**	**5.33**	**5.66**	**6.17**	**5.61**	**5.52**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,3,5-trimethylbenzene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
4-chlorotoluene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5*	0.5	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
toluene	5*	1	0.15 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UF	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**2,162.1**	**2,420**	195 F	1,720	1,470	536	**3,880**	1,660	1,080	1,130	824	1,830	1,710
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	59	50.0	62.3	45.2 F	41.6 F	54	51.5	54.6	39.5 F	46.1 F	50.1	58.4	49.6 F
berylium	3	4	U	0.30 F	U	0.50 F	U	U	U	U	U	U	U	0.3 F	U
boron, Total	1,000	10	U	51.2 B	NA	NS	10.3	NA	NA	NA	13.3	NA	NA	NA	14.6
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	0.3 F
calcium	--	1,100	38,853.6	21,300	97,600	25,700	19,400	53,400	27,800	20,000	18,600	36,500	54,600	35,500	33,300
chromium	50	10	2.9 F	4.1 F	U	3.1 F	2 F	1.2 F	4.1 F	U	1.8 F	1.7 F	U	2.1 F	3.4 F
cobalt	--	60	6.8 F	4.9 F	1.7 F	7 F	7.1 F	5.2 F	9.9 F	1.8 F	4.9 F	6.6 F	2.6 F	5 F	6.9 F
copper	200	10	30.7	38.1	13.8	35	33	27	40.9	34.4	31.8	31.4	35.3	35.2	32.6 F
iron	300	200	**2,389.8**	**2,380**	**519**	**1,940**	**1,900**	**1,410**	**3,500**	**1,800**	**1,110**	**1,440**	**1,290**	**1,730**	**2,400**
lead	25	25	U	U	U	U	U	U	U	U	U	U	2 F	U	2.7 F
magnesium	35,000	1,000	6,631.1	5,450	15,200	6,240	4,470	13,300	6,600	4,340	3,780	6,600	10,300	6,740	7,630
manganese	300	10	**315.1**	146	**534**	267	231	**655**	**490**	202	151	506	**444**	212	277
molybdenum	--	15	1.9 F	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	11.0 F	10.2 F	3.5 F	9.9 F	11.1 F	8.6 F	11.8 F	10.7 F	8.6 F	10.7 F	6.4 F	10.9 F	12 F
potassium	--	1,000	1,322.9	1,620	1,660	1,540	1,200	1,270	2,270	1,340	1,060	1,110	1,900	1,870	980 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,290.3	1,820	2,270	1,750	1,370	1,820	1,250	2,080	2,340	2,030	6,980	3,460	2,560
thallium	0.5	80	U	**5.9 F**	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.6 F	U	3.2 F	2 F	0.9 F	6.1 F	2.1 F	1.7 F	1.6 F	1.2 F	3 F	3.5 F
zinc	2,000	20	23	U	U	18.9 F	19.5 F	10.3 F	18.8 F	20.6	18.2 F	12.7	8.6 F	15.6 F	17.2 F
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
aroclor 1248	0.09	0.5	U	U	U	U	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	90	60	274	78	48.6	148	27.5	62.9	52.8	102	161	90.7	93.5
ammonia	2	0.2	U	0.093	0.052 B	U	U	0.024 F	0.059	0.026 F	U	U	0.014 F	U	U
BOD5	--	2.4	U	6.6 B	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	U	U
COD	--	5	19.53	66.4	33.7	56.1	52.5	49.6	63.8	35.6	21.5	40.6	29	39.6	48.2
chloride	250	1	3.7745	2	1.6	U	1.4	2.1	1.2	2.5	2.3	2.2	2.7	1.5	1.5
color	15	5	**50**	**70**	NA	NA	**70**	NA	NA	NA	**100 F**	NA	NA	NA	**70**
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.01 F
hardness, Total	--	1	121.58	96.6	495	300	U	192	170	68	84	128	220	200	180
nitrate	10	1	1.7616	U	U	U	0.12 F	U	0.03 F	0.14 F	0.19 F	0.040 F	0.03 F	0.34 F	0.19 F
TKN	1	1	0.64	0.94	0.55	**1.4**	0.59	0.7	0.9	0.84 B	0.42	0.37	0.59	**1.3 B**	0.52 B
sulfate	250	1	14.9267	9.1	18.5	11.9	U	13.8	10.1	13.8	14.8	19.5	35.5	22	21.6
TDS	500	10	85	191	350	161	124	245	163	126	123	195	277	172	170
TOC	--	1	15.72	17.2	13.3	20.2	16.8	15.6	22.3	18.3	16.2	16.1	17	15.3	13.9
phenolics, Total	--	0.005	0.0144	U	U	U	0.0039 F	U	U	U	U	U	U	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-5																			
Date of Collection			**9/12/2006**		**3/27/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/24/2010**		**6/9/2011**					
Sample ID No.			**LF5M0512NA**		**LF5M0512OA**		**LF5M0512PA**		**LF5M0512QA**		**LF5M0512RA**		**LF5M0512SA**		**LF5M0512TA**		**LF5M0512UA**					
Depth to Water (ft)			**5.86**		**3.45**		**6.01**		**3.71**		**5.46**		**3.74**		**4.30**		**4.56**					
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	293 B	1,140	510	**2,200**	170F	230	450 B	1,600	1,500	**3,700**	410	1,500	540	**4,000**	NA					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
barium	1,000	50	41.7 F	47.3 F	28 F	43 F	57	58	20 F	31 F	54	80	25 F	34 F	26 F	49 F	NA					
berylium	3	4	U	U	U	U	.12F	U	U	0.11 F	0.20 F	0.27 F	U	U	U	0.29 F	NA					
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
calcium	--	1,100	39,800	39,000	14,000	14,000	93,000	92,000	13,000	14,000	22,000	22,000	13,000	13,000	12,000	11,000	NA					
chromium	50	10	U	2.15 F	2.0 F	4.1 F	5F	4F	U	U	2.3 F	3.8 F	U	U	U	5.9 F	NA					
cobalt	--	60	U	U	U	7.4 F	7.6F	6.4F	U	U	U	U	U	U	U	13 F	NA					
copper	200	10	27.8	32.2	27	33	7.6F	9.7F	16	20	37	47	15	17	22	29	NA					
iron	300	200	**476**	**1,390**	**310**	**1,900**	**2,300**	**2,400**	**330**	**1,300**	**1,400**	**3,500**	260	**1,200**	**400**	**3,500**	NA					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
magnesium	35,000	1,000	8,650	8,510	2,600	2,900	26,000	26,000	1,800	2,100	4,800	5,300	2,100	2,200	1,800	2,200	NA					
manganese	300	10	266	272	81	190	2,000	2,000	19	33	110	170	20	37	9.8 F	290	NA					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
nickel	100	20	9.3 F	10.5 F	7.3 F	12	9.1F	9.7F	4.2 F	5.8 F	11 F	14 F	3.9 F	4.7 F	6.0 F	9.4 F	NA					
potassium	--	1,000	950 F	1,200	680 F	1,100	1,400	1,400	970 F	1,300	1,500	2,100	1,200	1,400	790 F	1,900	NA					
selenium	10	30	2.79 F	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	20,000	1,000	4,180 B	3,930 B	2,200	2,200	3,300	3,200	2,000	2,100 B	3,600B	4,100 B	2,200	2,100	2,200	2,000	NA					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
vanadium	--	10	U	2.18 F	0.95 F	3.5 F	1.8F	2F	1.8 F	3.6 F	2.4 F	6.2 F	U	3.7 F	U	8.9 F	NA					
zinc	2,000	20	27 B	24 B	16 F	U	8.5F	11F	21 B	40 B	28	70	28	33	15 F	30	NA					
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
aroclor 1248	0.09	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		47					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		0.22					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		NA					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		54					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		2.5 F					
color	15	5	NA		NA		NA		NA		NA		NA		NA		5					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		65					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		U					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		1.1					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		5					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		110					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		22					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-100				LF5MW-100R								
Date of Collection			**2/5/2003**	**6/17/2003**	**9/8/2003**	**12/1/2003**	**3/29/2004**	**6/21/2004**	**9/14/2004**	**12/10/2004**	**3/30/2005**	**6/20/2005**	**9/6/2005**	**12/12/2005**	**3/9/2006**
Sample ID No.			**LF5M10009AA**	**LF5M10009BB**	**NS**	**NS**	**LF5M100R08EA**	**LF5M100R68FA**	**LF5M100R10GA**	**LF5M100R11HA**	**LF5M100R10IA**	**LF5M100R10JA**	**LF5M100R10KA**	**LF5M100R10LA**	**LF5M100R10MA**
Depth to Water (ft)			**9.50**	**9.08**	**NS**	**NS**	**8.47**	**19.48**	**9.79**	**11.16**	**9.73**	**9.85**	**10.26**	**9.78**	**9.79**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trichlorobenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,2,4-trimethylbenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
1,3,5-trimethylbenzene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
4-chlorotoluene	5*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
acetone	50	10	U	U	NS	NS	3.3 F	NA	NA	NA	U	NA	NA	NA	U
carbon disulfide	1,000	0.5	U	U	NS	NS	U	NA	NA	NA	0.42 F	NA	NA	NA	U
chlorobenzene	5*	0.5	0.52	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
chloroform	7	0.3	U	U	NS	NS	2.0 B	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
o-xylene	5*	1	0.08 F	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
styrene	50*	1	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
toluene	5*	1	0.20 F	0.27 F	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	1,882	**2,020**	NS	NS	**9,790**	**28,200**	**2,020**	**2,260**	**7,520**	**4,970**	**5,910**	**2,140**	**6,360**
antimony	3	50	U	**6.4 F**	NS	NS	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	NS	NS	U	12.1 F	U	U	3.5 F	U	U	U	U
barium	1,000	50	**13,480.7**	266	NS	NS	511	**9,620**	**7,850**	**7,890**	**8,390**	**7,510**	**8,990**	**6,850**	**7,590**
berylium	3	4	U	U	NS	NS	0.7 F	1.7 F	1.4 F	U	1.4 F	0.6 F	0.4 F	0.6 F	0.8 F
boron, Total	1,000	10	U	67.1	NS	NS	24	NA	NA	NA	565	NA	NA	NA	500
cadmium	5	5	U	U	NS	NS	U	0.6 F	U	U	U	U	U	U	0.4 F
calcium	--	1,100	532,223.6	87,600	NS	NS	518,000	482,000	44,900	411,000	455,000	397,000	390,000	386,000	434,000
chromium	50	10	23.6 F	3.1 F	NS	NS	**89.9**	**50.7**	12.2	22	**55.2**	25.9	15	10.8	28.5
cobalt	--	60	U	U	NS	NS	6.4 F	25.1 F	2.9 F	3.1 F	9.4	3.8 F	5.3 F	2 F	4.8 F
copper	200	10	8.0F	U	NS	NS	34.5	88.1	7.7 F	7.2 F	49	14.5	25.2	7 F	17.8
iron	300	200	**4,215.7**	**21,900**	NS	NS	**14,300**	**52,900**	**3,610**	**3,760**	**22,900**	**7,820**	**9,680**	**3,090**	**10,300**
lead	25	25	U	U	NS	NS	5.3 F	16.8 F	U	U	22.4 F	2.2 F	2.5 F	U	3.8 F
magnesium	35,000	1,000	**115,200.5**	23,700	NS	NS	4,160	**122,000**	14,600	19,400	**92,200**	**45,000**	**77,600**	**18,700**	**42,600**
manganese	300	10	**754**	**1,320**	NS	NS	259	**1,620**	133	109	**2,840**	**313**	**307**	110	**325**
molybdenum	--	15	U	U	NS	NS	19.7	5.5 F	5.2 F	5 F	4.4 F	5 F	5 F	4.6 F	4.8 F
nickel	100	20	24.6 F	U	NS	NS	20.4	49.8	6.6 F	13 F	42.2	16.1 F	14.7 F	5.9 F	18.1 F
potassium	--	1,000	68,473	1,770	NS	NS	40,100	59,300 F	5,300	48,700 F	87,400	86,400	101,000	79,500	82,900
selenium	10	30	U	U	NS	NS	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	NS	NS	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**4,607,994**	1,380	NS	NS	**138,000**	**3,460,000**	**286,000**	**2,810,000**	**3,520,000**	**2,950,000**	**3,270,000**	**2,540,000**	**2,850,000**
thallium	0.5	80	U	**7.2 F**	NS	NS	U	U	U	U	U	U	U	U	U
vanadium	--	10	11.1F	5.5 F	NS	NS	17.5	45.8	4.1 F	3.3 F	16.6	7.8 F	9.4 F	3.7 F	11
zinc	2,000	20	48.4 F	U	NS	NS	47.6	141.0	12.5 F	16.5	63	23.4 B	33.3	10.2 F	38.5
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	UJ	U	NS	NS	U	U	U	U	**0.45 F**	NA	NA	NA	U
aroclor 1248	0.09	0.5	UJ	U	NS	NS	U	U	U	U	U	NA	NA	NA	U
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	76	149	NS	NS	1,080	39.1	10.4	81.1	36.2	76	80.4	96.8	90.8
ammonia	2	0.2	**18.34**	**8.7**	NS	NS	1.9	**18.6**	**18.5**	**14.2**	**20.1**	**15.4**	**17.2**	**13.5**	**15.5**
BOD5	--	2.4	U	15.7	NS	NS	U	U	U	U	3.2	U	U	U	U
bromide	2	0.5	**160.4726**	**46.8**	NS	NS	**4.3**	**252**	**83**	**80.4**	**116**	**134**	**130**	**57.2**	**72**
COD	--	5	119.35	16	NS	NS	16	664	U	U	118	94.5	54.3	112	132
chloride	250	1	**8,821.04**	**2,920**	NS	NS	**375**	**13,500**	**9,110**	**7,820**	**12,900**	**8,370**	**5,840**	**10,200**	**6,560**
color	15	5	10	15	NS	NS	**250**	NA	NA	NA	**2,000 F**	NA	NA	NA	5
cyanide	200	0.02	U	U	NS	NS	U	NA	NA	NA	U	NA	NA	NA	0.0059 F
hardness, Total	--	1	1,882.56	308	NS	NS	1,210	1,800	1,270	1,210	430	1,210	1,510	3,200	1,600
nitrate	10	1	U	U	NS	NS	U	U	U	U	U	U	U	U	U
TKN	1	1	**18.68**	**10.4**	NS	NS	**2.2**	**17.9**	**14.8**	**12.9**	**19.2**	**15**	**16.1**	**9.6**	**15.9**
sulfate	250	1	11.2708	33.9	NS	NS	3.2	U	U	U	U	1.3	U	0.87 F	1.1
TDS	500	10	**13,874**	**5,850**	NS	NS	**1,640**	**11,400**	**11,300**	**10,100**	**10,400**	**8,750**	**8,810**	**7,090**	**8,360**
TOC	--	1	U	U	NS	NS	13.2	U	U	U	1.5	U	U	U	U
phenolics, Total	--	0.005	0.09368	U	NS	NS	U	U	U	U	0.008 F	0.0050 F	U	0.013	0.004 F

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF5MW-100R																			
Date of Collection			**9/12/2006**		**3/27/2007*** **		**9/25/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**		**6/9/2011**					
Sample ID No.			**LF5M100R10NA**		**LF5M100R08OA**		**LF5M100R10PA**		**LF5M100R08QA**		**LF5M100R08RA**		**LF5M100R09SA**		**LF5M100R09TA**		**LF5M100R09UA**					
Depth to Water (ft)			**10.00**		**8.09**		**10.17**		**8.47**		**9.81**		**8.55**		**8.95**		**8.59**					
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trichlorobenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2,4-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
4-chlorotoluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
carbon disulfide	1,000	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5*	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
o-xylene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
styrene	50*	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5*	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	**3,620**	U	850	U	160F	U	690	U	240	U	**2,500**	760	840	NA					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
barium	1,000	50	**5,970**	**6,050**	**6,700**	**5,700**	**8,500J**	**4,000J**	**10,000 J**	**1,700 J**	**3,900**	**4,100**	**4,300**	**4,800**	360	360	NA					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
boron, Total	1,000	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
calcium	--	1,100	309,000	311,000	370,000	360,000	330,000	290,000	420,000 J	300,000 J	270,000	290,000	290,000	300,000	210,000	210,000	NA					
chromium	50	10	U	12.6	6.9 F	11	U	6.2F	U	13	U	5.1 F	U	24	U	5.6 F	NA					
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
copper	200	10	U	19.4	U	U	U	U	U	U	U	U	U	9.5 F	U	U	NA					
iron	300	200	U	**7,770**	U	**1,200**	U	240	U	**660**	U	110 F	U	**4,300**	U	170 F	NA					
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
magnesium	35,000	1,000	30,000	**32,900**	**45,000**	**37,000**	**70,000F**	**19,000F**	**85,000 F**	4,100 J	2,300	9,300	26,000	**37,000**	U	250 F	NA					
manganese	300	10	5.68 F	170	U	140	140J	79J	190 J	30 J	U	19	U	**310**	U	4.2 F	NA					
molybdenum	--	15	3.63 F	5.01 F	U	U	U	3.1F	U	3.9 F	3.4 F	3.8 F	U	U	U	U	NA					
nickel	100	20	U	11.9 F	U	3.4 F	U	2.2F	U	6.1 F	U	2.0 F	U	17 F	U	U	NA					
potassium	--	1,000	62,800	61,700	65,000	54,000	62,000F	37,000F	74,000 F	21,000 F	42,000	46,000	39,000	43,000	9,200	9,000	NA					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	20,000	1,000	**2,920,000**	**2,890,000**	**3,300,000**	**2,800,000**	**3,800,000J**	**1,800,000J**	**4,400,000 J**	**760,000 J**	**1,900,000**	**2,100,000**	**1,900,000**	**2,100,000 ♦**	**170,000**	**160,000**	NA					
thallium	0.5	80	**16.8 F**	**24.7 F**	U	U	U	U	U	U	U	**6.0 F**	U	U	U	U	NA					
vanadium	--	10	U	6.94 F	U	2.0 F	U	U	U	1.3 F	U	U	U	5.2 F	U	U	NA					
zinc	2,000	20	24.7 B	62.6 B	U	U	26F	43	U	13 F	15 F	15 F	11 F	25	11 F	6.5 F	NA					
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	UJ		U	U	NA		U	U	U	U	NA		NA		NA					
aroclor 1248	0.09	0.5	**0.255 F**		U	U	NA		U	U	U	U	NA		NA		NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		38					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		**23**					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		U					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		**67**					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		120					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		**6,500**					
color	15	5	NA		NA		NA		NA		NA		NA		NA		U					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		1,400					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		U					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		**18**					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		2.4 F					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		**10,000**					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		0.55 F					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MW49D07												
Date of Collection			1/9/1999[8]	2/3/2003	6/17/2003	9/8/2003	12/1/2003	3/29/2004	6/21/2004	9/14/2004	12/10/2004	3/31/2005	6/20/2005	9/6/2005	12/12/2005
Sample ID No.			MW49D0706AB	MW49D0709AA	MW49D0705BB	LF5M49D0707CA	MW49D0704DA	MW49D0704EA	M49D0705FA	M49D0705GA	M49D0705HA	M49D0705IA	M49D0705JA	M49D0705KA	M49D0705LA
Depth to Water (ft)			**5.55**	**4.90**	**4.87**	**7.48**	**4.08**	**3.85**	**4.47**	**4.88**	**4.91**	**5.80**	**4.79**	**5.11**	**4.65**
VOCs (µg/L)															
1,2,3-trichlorobenzene	5	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trichlorobenzene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,2,4-trimethylbenzene	5*	1	NA	0.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
1,3,5-trimethylbenzene	5*	1	NA	0.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
4-chlorotoluene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
acetone	50	10	5.5 F	U	U	NA	NA	U	NA	NA	NA	1.9 F	NA	NA	NA
carbon disulfide	1,000	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chlorobenzene	5*	0.5	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
chloroform	7	0.3	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
naphthalene	10	1	0.06 F	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
o-xylene	5*	1	NA	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
styrene	50*	1	NA	0.05 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
toluene	5*	1	U	0.40 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
vinyl acetate	--	5	NA	1.06 M	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
Metals (µg/L) [Dissolved / Total][1]															
aluminum	2,000	200	**13,220**	U	368	1,300	**2,100**	1,270	**5,640**	**11,100**	**4,630**	1,080	**2,580**	**5,100**	**13,200**
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	9 F	U	U	U	U	U	U	U	U	3 F	U	U	5 F
barium	1,000	50	192.3	151.8	**6,410**	171	208	192	199	236	198	164	172	186	230
berylium	3	4	0.4 F	U	0.60 F	U	U	U	U	U	U	U	U	U	0.7 F
boron, Total	1,000	10	78 F	U	438	NA	NS	19.9	NA	NA	NA	19.5	NA	NA	NA
cadmium	5	5	2.8 F	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	103,330	91,608.3	266,000	97,700	97,200	95,200	102,000	114,000	101,000	89,500	93,200	95,900	115,000
chromium	50	10	18	2.2 F	17.7	U	2.8 F	U	7.5 F	12.9	6 F	1.5 F	2.7 F	5.8 F	15.4
cobalt	--	60	6.5	U	2.8 F	U	U	U	3.2 F	6.1 F	1.5 F	U	1.2 F	3.4 F	7.5 F
copper	200	10	14	U	15.5	U	4.1 F	U	15.8	20.7	6.1 F	1.8 F	U	10.3	24.9
iron	300	200	**18,178**	**3,634.1**	**646**	**1,420**	**8,310**	**7,330**	**8,620**	**15,000**	**8,110**	**3,190**	**1,840**	**7,760**	**18,700**
lead	25	25	10.0 F	U	U	U	U	U	3.8 F	6.1 F	U	U	U	2.6 F	6.5 F
magnesium	35,000	1,000	31,652	27,269.3	**60,800**	26,300	26,900	25,800	30,000	**35,200**	26,900	21,800	23,600	23,600	30,500
manganese	300	10	**1,147.7**	**318.3**	**407**	264	**833**	**645**	**542**	**747**	**564**	**830**	**305**	**446**	**700**
molybdenum	--	15	U	4.9 F	9.2 F	U	U	U	U	U	U	0.8 F	U	U	U
nickel	100	20	14	U	59.3	U	U	U	5.4 F	13.4 F	4.4 F	1.5 F	1.8 F	7 F	17 F
potassium	--	1,000	31,652	843.5 F	38,200	1,760	1,990	1,530	2,950	4,920	2,500	1,460	1,960	2,480	5,100
selenium	10	30	U	**10.6 F**	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	7,950	1,660.6	**2,440,000**	1,510	1,800	1,230	3,200	2,500	2,420	2,390	2,980	1,930	2,380
thallium	0.5	80	U	U	**6.2 F**	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	28	1.7 F	U	3 F	4.5 F	2.8 F	10	19	7.7 F	2 F	4.3 F	8.2 F	22.2
zinc	2,000	20	45	8.2 F	28	U	13.1 F	7.3 F	20.3	40.1	18.6 F	8.1 F	4.9 F	25.1	37.5
PCBs (µg/L) [Filtered/Unfiltered]															
aroclor 1242	0.09	0.5	NA	U	U	U	U	U	U	U	U	U	NA	NA	NA
aroclor 1248	0.09	0.5	NA	U	U	U	U	U	U	U	U	U	NA	NA	NA
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	296	295	273	296	331	288	264	90.2	181	270	270	280	299
ammonia	2	0.2	U	U	U	U	U	U	0.029 F	0.064	0.046 F	0.062	U	0.052	U
BOD5	--	2.4	2.40 UJ	U	U	U	U	U	U	U	U	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	U	0.19 F
COD	--	5	8.7	19.38	24.2	U	12 B	40	16.4	U	U	37.3	U	13.3	3.1 F
chloride	250	1	6.78 F	3.0623	1.8	1.9	2.3	0.41 F	2.1	5.4	4.8	1.9	2.3	4	7.5
color	15	5	10 J	10	**120**	NA	NA	**80**	NA	NA	NA	**400 F**	NA	NA	NA
cyanide	200	0.02	U	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA
hardness, Total	--	1	12	271.88	960	421	430	352	348	480	360	308	328	390	620
nitrate	10	1	0.19 UJ	U	U	U	U	U	0.027 F	U	0.030 F	U	U	U	U
TKN	1	1	U	U	0.46	0.74	0.29	0.50	U	0.56	0.58 B	0.46 B	0.2	0.62	0.91 B
sulfate	250	1	29.60 F	26.8659	30.4	27.9	29.8	27.6	30.2	35.9	43.3	44.2	39.7	33.1	40.7
TDS	500	10	355	278	353	358	364	333	372	411	372	317	346	370	419
TOC	--	1	5.09	4.53	2.9	3.7	4	2.7	2.7	3.8	5.2	4.8	5.3	4.6	3.5
phenolics, Total	--	0.005	0.00236 UJ	U	U	U	U	U	U	U	0.0097 F	U	0.0070 F	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	MW49D07																			
Date of Collection			**3/9/2006**	**9/12/2006**		**3/28/2007**		**9/24/2007**		**3/27/2008**		**9/15/2008**		**4/7/2009**		**3/25/2010**		**6/9/2011**				
Sample ID No.			**M49D0705MA**	**M49D0705NA**		**M49D0703OA**		**MW49D0705PA**		**MW49D0705QA**		**MW49D0705RA**		**MW49DO704SA**		**MW49D0704TA**		**MW49D0704UA**				
Depth to Water (ft)			**4.78**	**4.89**		**3.32**		**5.15**		**3.69**		**4.79**		**3.71**		**4.07**		**3.93**				
VOCs (µg/L)																						
1,2,3-trichlorobenzene	5	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
1,2,4-trichlorobenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
1,2,4-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
1,3,5-trimethylbenzene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
4-chlorotoluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
acetone	50	10	U	NA		NA		NA		NA		NA		NA		NA		NA				
carbon disulfide	1,000	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA				
chlorobenzene	5*	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA				
chloroform	7	0.3	U	NA		NA		NA		NA		NA		NA		NA		NA				
naphthalene	10	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
o-xylene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
styrene	50*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
toluene	5*	1	U	NA		NA		NA		NA		NA		NA		NA		NA				
vinyl acetate	--	5	U	NA		NA		NA		NA		NA		NA		NA		NA				
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	**4,150**	U	**2,180**	U	**3,300**	U	**3,400**	44 F	940	U	900	U	440	U	610	NA				
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
barium	1,000	50	184	155	172	150	170	170	210	190	220	210	240	200	240	190	190	NA				
berylium	3	4	U	U	U	U	U	U	U	0.11 F	U	U	U	U	U	U	U	NA				
boron, Total	1,000	10	24.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
calcium	--	1,100	99,400	90,700	92,100	93,000	99,000	100,000	120,000	110,000	110,000	130,000	150,000	100,000	110,000	96,000	96,000	NA				
chromium	50	10	5.3 F	U	3.85 F	2.9 F	7.2 F	3F	6.7F	2.5 F	3.1 F	2.9 F	4.3 F	U	2.9 F	U	U	NA				
cobalt	--	60	2.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
copper	200	10	5.9 F	U	3.05 F	U	5.3 F	U	4.9F	U	U	U	U	U	U	U	U	NA				
iron	300	200	**4,840**	65.8 F	**2,890**	U	**3,900**	10F	**5,100**	13 F	**3,900**	**420**	**2,000**	8.4 F	**2,100**	27 F	**1,100**	NA				
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
magnesium	35,000	1,000	23,800	20,600	20,900	20,000	22,000	22,000	26,000	25,000	25,000	28,000	32,000	22,000	24,000	22,000	22,000	NA				
manganese	300	10	**379**	242	**316**	180	**550**	**330**	**440**	**310**	**970**	**590**	**870**	290	**590**	260	**390**	NA				
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
nickel	100	20	4.3 F	U	2.78 F	U	3.0 F	U	4.6F	U	U	U	1.4 F	U	U	U	U	NA				
potassium	--	1,000	2,390	924 F	1,740	1,100	2,300	1,200	2,300	1,200	1,400	1,300	1,700	1,200	1,400	1,400	1,600	NA				
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
silver	50	10	U	U	U	U	U	U	U	U	U	0.97 F	U	U	U	U	U	NA				
sodium	20,000	1,000	3,190	3,250 B	3,120 B	3,900	4,200	4,400	5,000	7,500	7,000	7,100	8,000	**20,000**	**25,000**	**22,000**	**22,000**	NA				
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA				
vanadium	--	10	7.1 F	U	4.18 F	U	5.9 F	U	5.8F	U	1.9 F	U	1.8 F	U	U	U	U	NA				
zinc	2,000	20	13.5 F	35.8 B	35.2 B	U	12 F	U	15F	9.5 F	14 F	15 F	14 F	13 F	15 F	42 F	6.4 F	NA				
PCBs (µg/L) [Filtered/Unfiltered]																						
aroclor 1242	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA				
aroclor 1248	0.09	0.5	U	NA		NA		NA		NA		NA		NA		NA		NA				
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	267	NA		NA		NA		NA		NA		NA		NA		370				
ammonia	2	0.2	0.023 F	NA		NA		NA		NA		NA		NA		NA		0.14				
BOD5	--	2.4	U	NA		NA		NA		NA		NA		NA		NA		U				
bromide	2	0.5	U	NA		NA		NA		NA		NA		NA		NA		U				
COD	--	5	22.9	NA		NA		NA		NA		NA		NA		NA		9.3 F				
chloride	250	1	4.7	NA		NA		NA		NA		NA		NA		NA		13				
color	15	5	**140**	NA		NA		NA		NA		NA		NA		NA		U				
cyanide	200	0.02	0.0052 F	NA		NA		NA		NA		NA		NA		NA		NA				
hardness, Total	--	1	370	NA		NA		NA		NA		NA		NA		NA		360				
nitrate	10	1	U	NA		NA		NA		NA		NA		NA		NA		U				
TKN	1	1	0.58 B	NA		NA		NA		NA		NA		NA		NA		0.79 F				
sulfate	250	1	39.8	NA		NA		NA		NA		NA		NA		NA		18				
TDS	500	10	334	NA		NA		NA		NA		NA		NA		NA		390				
TOC	--	1	4.3	NA		NA		NA		NA		NA		NA		NA		5.3				
phenolics, Total	--	0.005	U	NA		NA		NA		NA		NA		NA		NA		NA				

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-1												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0101AA	LF5SW0100BA	LF5SW0101CA	LF5SW0101DA	LF5SW0101EA	LF5SW0101FA	LF5SW0101GA	LF5SW0101HA	LF5SW0101IA	LF5SW0101JA	LF5SW0101KA	LF5SW0101LA	LF5SW0101MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	1.7	NA	NA	NA	U
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	0.96	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	3.5 F	NA	NA	NA	U
benzene	1	0.1	0.13 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
chlorobenzene	5	0.5	0.45 F	0.52	NA	NA	0.26 F	NA	NA	NA	**6.7**	NA	NA	NA	0.53
chloroform	7	0.3	0.17 F	U	NA	NA	0.29 F	NA	NA	NA	0.29 F	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	0.21 F	NA	NA	NA	U
trichloroethene	5	1	0.31 F	U	NA	NA	0.26 F	NA	NA	NA	0.27 F	NA	NA	NA	U
toluene	5	1	0.10 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	**508**	42.9 F	**111 F**	**202**	U	U	379	**102**	**137 F**	U	**441**	50.2 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	44.5 F	60.2	57.8	37.6 F	34.6 F	49.9 F	48.2 F	32.7 F	41.7 F	46.5 F	49.8 F	48.8 F	48.3 F
berylium	3	4	U	U	0.3 F	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	67.5 B	NA	NS	17.8	NA	NA	NA	24.2	NA	NA	NA	25.8
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	95,594.8	101,000	112,000	68,800	85,900	111,000	102,000	77,800	120,000	142,000	131,000	117,000	117,000
chromium	50	10	U	2.5 F	U	U	U	1.1 F	U	U	0.8 F	U	U	U	0.9 F
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	3.9 F	U	2.5 F	U	4.2 F	2 F	3.1 F	U	3.3 F	U	2.4 F	U
iron	300	200	78.6 F	**991**	58.4 F	232	298	98.1 F	139 F	**442**	166 F	**472**	237	**622**	241
lead	50	25	U	6.2 F	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,486.9	16,500	18,500	9,380	11,800	16,900	15,500	9,510	14,900	18,900	20,100	16,500	17,200
manganese	300	10	62.8	164	71.8	68.3	64.9	65.2	71.4	139	**326**	**758**	**559**	**446**	**432**
molybdenum	--	15	3.9 F	U	U	U	U	2.1 F	U	2.6 F	2 F	6.2 F	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	1.7 F	U	U	U
potassium	--	1,000	1,492.5	2,180	2,050	2,080	1,880	2,210	2,230	1,980 F	2,500	3,370	2,440	2,680	2,280
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	90,342	76,300	94,000	199,000	88,200	98,400	92,400	98,500	110,000	101,000	109,000	102,000	110,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	3.9 F	U	U	U	U	U	3.3 F	2.5 F	1.9 F	U	1.7 F	U
zinc	2,000	20	14.5 F	U	U	27.3	10.7 F	12.1 F	U	12.4 F	10 F	7.4 F	5.1 F	9.4 F	6.6 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	232	222	254	166	172	222	241	163	207	262	285	241	230
ammonia	2	0.2	U	U	0.092 B	U	U	U	0.037	0.13	U	0.076 F	0.024 F	0.029 F	0.025 F
BOD5	--	2.4	U	7.1 B	U	U	U	U	U	U	U	U	U	2.5	U
bromide	2	0.5	U	U	U	U	U	U	U	U	U	U	U	6.6	U
COD	--	5	U	U	U	U	U	U	U	U	U	9.3 F	U	U	U
chloride	250	1	160.3862	148	163	**300**	195	192	172	209	**274**	250	218	180	224
color	15	5	U	10	NA	NA	**20**	NA	NA	NA	15 J	NA	NA	NA	5
cyanide	200	0.02	0.00173 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0084 F
fluoride	1	1.5													
hardness, Total	--	1	298.07	451	295	280	276	300	340	288	344	432	470	410	440
nitrate	10	1	1.4562	1	1.2	1.6	1.2	1.4	1.1	0.96 F	1.1	0.5 F	0.35 F	U	1.1
TKN	1	1	0.56	0.43	0.37	0.5	0.16 F	0.34 B	U	0.74	0.32	0.72	0.55	0.63 B	U
sulfate	250	1	42.954	48.8	46.8	29.3	33	43	0.14 F	53.1	62.6	99	67.8	58.6	53.6
TDS	500	10	**559**	**577**	**641**	**712**	**536**	**657**	**598**	**535**	**665**	**813**	**771**	**684**	**677**
TOC	--	1	1.01	1.2	1.1	1.4	1.1	0.85 F	0.75 F	2.3	1.8	3.4	2	0.57 F	0.85 F
phenolics, Total	--	0.005	U	U	U	U	0.0048 F	U	U	U	U	0.011	0.017	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-1																			
Date of Collection			9/12/2006		3/28/2007		9/24/2007		3/27/2008		9/15/2008		4/7/2009		3/25/2010		6/10/2011					
Sample ID No.			LF5SW0101NA		LF5SW0101OA		LF5SW0101PA		LF5SW0101QA		LF5SW0101RA		LF5SW0101SA		LF5SW0101TA		LF5SW0101UA					
Depth to Water (ft)			Surface		Surface		Surface		Surface		Surface		Surface		Surface		Surface					
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	51.1 F	U	70 F	U	**110 F**	**200 B**	U	48 F	96 F	U	**170 F**	U	96 F	NA					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
barium	1,000	50	36.4 F	37 F	37 F	37 F	53	56	37 F	38 F	68	85	38 F	41 F	48 F	50	NA					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
calcium	--	1,100	109,000	107,000	96,000	95,000	110,000	110,000	97,000	100,000	110,000	120,000	91,000	90,000	100,000	100,000	NA					
chromium	50	10	U	U	3.2 F	2.0 F	2.1 F	1.5 F	U	U	2.2 F	U	U	U	U	U	NA					
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
copper	200	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
iron	300	200	25.8	**319**	6.3 F	180 F	24 F	280	13 F	160 F	29 F	**510**	120 F	**500**	93 F	**330**	NA					
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
magnesium	35,000	1,000	17,600	17,600	13,000	12,000	17,000	18,000	14,000	14,000	18,000	19,000	13,000	12,000	15,000	16,000	NA					
manganese	300	10	250	249	120	130	**370**	**390**	120	120	**470**	**500**	180	160	150	210	NA					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
potassium	--	1,000	1,910	1,970	2,000	2,000	2,000	2,000	2,000	2,000	2,200	2,300	1,900	1,900	2,000	2,200	NA					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	--	1,000	97,700	99,200	110,000	110,000	110,000	110,000	99,000	100,000	98,000	110,000	90,000	90,000	98,000	96,000	NA					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
vanadium	--	10	U	U	U	U	U	U	U	U	U	1.1 F	U	U	U	U	NA					
zinc	2,000	20	25.8 B	22.5 B	6.3 F	7.6 F	2.7 B	5.2 F	16 F	24 B	17 F	17 F	19 F	23	12 F	14 F	NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		200					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		0.14					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		U					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		U					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		9.0 F					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		140					
color	15	5	NA		NA		NA		NA		NA		NA		NA		U					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
fluoride	1	1.5							NA		NA		NA		NA		0.086 F					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		260					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		0.8					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		0.53 F					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		33					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		500					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		1.6					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-2												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0201AA	LF5SW0201BA	LF5SW0201CA	LF5SW0201DA	LF5SW0201EA	LF5SW0201FA	LF5SW0201GA	LF5SW0201HA	LF5SW0201IA	LF5SW0201JA	LF5SW0201KA	LF5SW0201LA	LF5SW0201MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.47 F	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	**4.3**	NA	NA	NA	0.82 F
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.78 F	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	2.1	NA	NA	NA	0.41 F
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	12	NA	NA	NA	2.8 F
benzene	1	0.1	**2.79**	0.34 F	NA	NA	**2.2**	NA	NA	NA	**3.5**	NA	NA	NA	0.62
chlorobenzene	5	0.5	2.55	1.3	NA	NA	1.8	NA	NA	NA	**22**	NA	NA	NA	**5.5**
chloroform	7	0.3	0.15 F	U	NA	NA	0.29 F	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
trichloroethene	5	1	0.25 F	U	NA	NA	0.28 F	NA	NA	NA	U	NA	NA	NA	U
toluene	5	1	0.13 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	70.4 F	25.5 F	**139 F**	**229**	U	**115 F**	**290**	**786**	**224**	U	**166 F**	37.8 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	44.8 F	51.1	58.3	37.6 F	34.6 F	48.0 F	57.2	43.5 F	50.5	43.7 F	45.4 F	42.5 F	47.7 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	63.6 B	NA	NS	18.3	NA	NA	NA	74.2	NA	NA	NA	23
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	95,166.7	98,200	113,000	69,900	84,300	104,000	112,000	91,000	203,000	127,000	123,000	110,000	114,000
chromium	50	10	1.0 F	U	U	U	U	U	U	U	1 F	U	U	U	1.1 F
cobalt	5	60	U	U	U	U	U	U	U	U	1.4 F	U	U	U	U
copper	200	10	U	U	U	2.8 F	U	3.4 F	2.8 F	3.2 F	8.3 F	3.7 F	U	1.7 F	U
iron	300	200	128.0 F	109 F	50.3 F	215	**382**	119 F	**382**	**540**	**1,320**	**457**	214	288	205
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,931.8	15,500	19,200	9,510	11,500	16,200	15,900	11,400	12,800	19,200	19,500	15,600	16,900
manganese	300	10	82.3	76.9	82.5	63.6	66.7	67.2	185	244	**495**	**556**	**502**	**340**	**346**
molybdenum	--	15	4.0 F	U	U	U	U	U	3.5 F	3.5 F	19.8	4 F	U	2.9 F	U
nickel	100	20	U	U	U	U	U	U	1.7 F	1.5 F	6.7 F	1.7 F	U	U	U
potassium	--	1,000	1,356.3	2,030	1,990	2,040	1,820	2,070	2,660	2,270	4,540	2,790	2,380	2,650	2,010
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	86,248.3	83,000	94,800	185,000	82,700	90,200	89,400	98,500	34,100	102,000	105,000	102,000	113,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.7 F	U	U	1.9 F	1.1 F	2.4 F	3.6 F	23.8	1.5 F	U	U	U
zinc	2,000	20	13.5 F	U	U	19 F	11.6 F	11.0 F	7.3 F	11.5 F	6.6 F	8.4 F	4.4 F	6.7 F	8.7 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	240	229	258	170	172	224	246	161	184	253	274	233	233
ammonia	2	0.2	U	U	U	U	U	0.1	0.079	0.068	0.2	0.069	0.013 F	U	0.057
BOD5	--	2.4	U	6.9 B	U	U	U	U	U	U	7.5	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	0.6	U	U	6.6	U
COD	--	5	U	U	U	U	U	U	U	10.8	29.6	17.1	5.6 F	U	U
chloride	250	1	154.286	155	170	234	178	184	177	195	79.1	241	217	180	230
color	15	5	U	5	NA	NA	**20**	NA	NA	NA	**70 J**	NA	NA	NA	5
cyanide	200	0.02	U	U	NA	NA	0.0086 F	NA	NA	NA	U	NA	NA	NA	U
fluoride	1	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	298.07	300	400	250	268	296	350	312	594	424	440	460	370
nitrate	10	1	1.1061	1.1	1.1	1.7	1.3	1.3	0.99 F	0.94 F	1.6	0.55 F	0.32 F	U	0.99 F
TKN	1	1	U	0.44	0.43	0.59	0.24	0.40 B	0.21	0.72	**1.3**	0.47	0.51	0.42 B	0.57 B
sulfate	250	1	43.0834	44	46.5	29.6	32.3	42.1	57.6	67.6	**573**	79.1	66.9	61	62
TDS	500	10	**550**	**583**	**633**	**707**	**516**	**631**	**618**	**586**	**874**	**764**	**748**	**706**	**657**
TOC	--	1	1.57	1	1.1	1.5	2.3	0.87 F	2.2	2.9	13.8	2.9	2	0.47 F	1.2
phenolics, Total	--	0.005	U	0.011 B	U	U	U	U	U	U	0.0047 F	0.01	U	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-2																			
Date of Collection			9/12/2006		3/28/2007		9/24/2007		3/27/2008		9/15/2008		4/7/2009		3/25/2010		6/10/2011					
Sample ID No.			LF5SW0201NA		LF5SW0201OA		LF5SW0201PA		LF5SW0201QA		LF5SW0201RA		LF5SW0201SA		LF5SW0201TA		LF5SW0201UA					
Depth to Water (ft)			Surface		Surface		Surface		Surface		Surface		Surface		Surface		Surface					
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	96.6 F	U	87 F	U	63 F	46 F	51 F	42 F	72 F	U	68 F	U	U	NA					
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
barium	1,000	50	43.5 F	44.9 F	36 F	37 F	54	56	3.7 F	40 F	63	71	36 F	36 F	49 F	49 F	NA					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
calcium	--	1,100	111,000	110,000	96,000	95,000	110,000	110,000	99,000	100,000	110,000	120,000	89,000	88,000	100,000	100,000	NA					
chromium	50	10	U	2.12 F	3.3 F	2.5 F	1.8 F	1.8 F	U	U	2.3 F	3.0 F	U	U	U	U	NA					
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
copper	200	10	U	U	U	U	U	2.2 F	U	U	U	U	U	U	U	U	NA					
iron	300	200	29.8 F	167 F	8.4 F	190 F	26 F	290	8.7 F	160 F	28 F	**400**	19 F	160 F	67 F	180 F	NA					
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
magnesium	35,000	1,000	17,600	17,700	12,000	12,000	19,000	19,000	14,000	15,000	19,000	20,000	12,000	12,000	16,000	16,000	NA					
manganese	300	10	198	201	120	120	280	**300**	130	140	**350**	**410**	100	100	160	160	NA					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
nickel	100	20	1.58 F	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
potassium	--	1,000	1,850	1,960	2,100	2,000	2,000	2,100	2,100	2,100	2,200	2,300	1,900	1,900	2,100	2,100	NA					
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	--	1,000	101,000	102,000	110,000	110,000	100,000	100,000	95,000	99,000	100,000	110,000	92,000	90,000	97,000	97,000	NA					
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
zinc	2,000	20	30.5 B	2.62 B	6.2 F	7.6 F	15 F	7.0 F	13 F	22 B	18 F	15 F	19 F	18 F	15 F	13 F	NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		180					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		0.16					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		U					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		U					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		U					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		120					
color	15	5	NA		NA		NA		NA		NA		NA		NA		U					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
fluoride	1	1.5	NA		NA		NA		NA		NA		NA		NA		U					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		230					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		0.71					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		0.49 F					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		32					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		450					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		1.8					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-3												
Date of Collection			2/6/2003	6/16/2003	9/8/2003	12/1/2003	3/26/2004	6/18/2004	9/13/2004	12/13/2004	3/30/2005	6/20/2005	9/6/2005	12/12/2005	3/9/2006
Sample ID No.			LF5SW0301AA	LF5SW0301BA	LF5SW0301CA	LF5SW0301DA	LF5SW0301EA	LF5SW0301FA	LF5SW0301GA	LF5SW0301HA	LF5SW0301IA	LF5SW0301JA	LF5SW0301KA	LF5SW0301LA	LF5SW0301MA
Depth to Water (ft)			Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
VOCs (µg/L)															
1,2,4-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.27 F	NA	NA	NA	U
1,2-dichlorobenzene	3	1	U	U	NA	NA	U	NA	NA	NA	2.3	NA	NA	NA	0.44 F
1,3,5-trimethylbenzene	5	1	U	U	NA	NA	U	NA	NA	NA	0.37 F	NA	NA	NA	U
1,4-dichlorobenzene	3	0.5	U	U	NA	NA	U	NA	NA	NA	1.1	NA	NA	NA	U
acetone	50	10	U	U	NA	NA	U	NA	NA	NA	8.4 F	NA	NA	NA	2.7 F
benzene	1	0.1	**1.43**	0.22 F	NA	NA	**1.1**	NA	NA	NA	**1.6**	NA	NA	NA	0.49 F
chlorobenzene	5	0.5	1.35	0.96	NA	NA	1.1	NA	NA	NA	**11**	NA	NA	NA	3.4
chloroform	7	0.3	0.10 F	U	NA	NA	0.22 F	NA	NA	NA	U	NA	NA	NA	U
naphthalene	10	1	U	U	NA	NA	U	NA	NA	NA	0.2 F	NA	NA	NA	U
trichloroethene	5	1	0.18 F	U	NA	NA	0.21 F	NA	NA	NA	U	NA	NA	NA	U
toluene	5	1	0.22 F	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
vinyl acetate	--	5	UJ	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	U
Metals (µg/L) [Dissolved / Total][1]															
aluminum	100	200	U	**153 F**	52.3 F	**247**	**196 F**	U	**164 F**	**4,280**	**551**	**152 F**	U	**136 F**	63.3 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	48.1 F	59.3	61.8	40.9 F	31.5 F	52.5	64.3	63.9	39.9	42.9 F	45.3 F	40.1 F	49.2 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U
boron, Total	1,000	110	U	61.1 B	NA	NS	15.7	NA	NA	NA	48.7	NA	NA	NA	26.2
cadmium	5	5	U	U	U	U	U	U	U	0.6 F	0.4 F	U	U	U	U
calcium	--	1,100	91,794.4	95,700	110,000	68,000	66,000	102,000	109,000	92,400	129,000	127,000	123,000	105,000	119,000
chromium	50	10	U	U	U	1.8 F	1.8 F	1.0 F	U	5.6 F	1.2 F	U	U	U	1.3 F
cobalt	5	60	U	U	U	U	U	U	U	2.2 F	0.9 F	U	U	U	U
copper	200	10	U	U	U	4.7 F	5.1 F	4.1 F	2.6 F	12.4	5.5 F	2.9 F	U	1.9 F	U
iron	300	200	171.0 F	295	60 F	**528**	**540**	165 F	**516**	**4,320**	**896**	**352**	179	242	260
lead	50	25	U	U	U	33.3	U	U	U	13.2	2.5 F	U	U	U	U
magnesium	35,000	1,000	16,006.9	16,200	19,100	9,670	9,440	16,500	16,500	10,700	11,700	19,400	19,800	15,700	17,400
manganese	300	10	90.6	87.4	67.8	87.5	56.9	70.5	184	293	**347**	**572**	**487**	271	**408**
molybdenum	--	15	4.5 F	U	U	U	U	2.1 F	U	3 F	10.7 F	4.4 F	U	U	1.7 F
nickel	100	20	U	U	U	U	U	U	U	7.2 F	4.6 F	1.6 F	U	U	U
potassium	--	1,000	1,335.1	1,980	2,170	1,940	1,290	2,080	2,500	3,150 F	2,740	2,690	2,380	2,440	2,240
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	82,992.5	79,000	97,400	182,000	55,800	88,000	85,100	323,000	23,600	101,000	106,000	103,000	132,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.3 F	U	2.2	2.2 F	1.4 F	1.8 F	19.8	13.3	1.4 F	U	U	0.9 F
zinc	2,000	20	13.3 F	U	U	20	10.9 F	9.9 F	5.8	41	11.4 F	7.7 F	4.4 F	7.2 F	10.1 F
Leachate Indicators (mg/L)															
alkalinity, Total	--	10	203	219	246	157	142	223	245	161	146	250	270	228	229
ammonia	2	0.2	U	U	U	0.05	U	0.024 F	0.11	0.062	0.18	U	0.022 F	0.023 F	0.028 F
BOD5	--	2.4	U	7.2 B	U	U	1.8 F	U	U	U	4.4	U	U	U	U
bromide	2	0.5	U	U	U	U	U	U	U	U	0.62	U	U	6.9	U
COD	--	5	9.77	U	U	12 B	35.4	U	22	U	28.6	U	U	U	U
chloride	250	1	142.9855	148	110	**293**	114	184	172	**726**	59.5	243	216	187	**254**
color	15	5	**30**	**20**	NA	NA	**60**	NA	NA	NA	**100 J**	NA	NA	NA	3
cyanide	200	0.02	U	U	NA	NA	U	NA	NA	NA	U	NA	NA	NA	0.0072 F
fluoride	1	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
hardness, Total	--	1	298.07	345	358	400	212	308	335	320	414	396	420	340	430
nitrate	10	1	1.3597	U	1	1.7	1.9	1.3	0.97 F	1.2	2.4	0.53 F	0.28 F	U	1
TKN	1	1	U	0.45	0.49	0.75	0.63	0.51 B	0.14 F	0.16 F	**1.3**	0.36	0.58	0.77 B	0.91 B
sulfate	250	1	41.4313	42.9	45.8	28.9	25.1	43.2	49.7	80.8	**319**	79	65.8	53.2	58.6
TDS	500	10	**532**	**577**	**599**	**666**	388	**615**	**627**	**1,170**	**634**	**711**	**731**	**670**	**660**
TOC	--	1	4.42	1.9	1.3	4	5.6	1.1	2	2.4	17.6	2.9	2	0.62 F	1.1
phenolics, Total	--	0.005	U	U	U	U	0.0093 F	U	U	0.0091 F	U	0.014	0.009 F	U	U

For notes, please refer to the end of the tables section.

Table 5-1
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF5SW-3																			
Date of Collection			9/12/2006		3/28/2007		9/24/2007		3/27/2008		9/15/2008		4/7/2009		3/25/2010		6/10/2011					
Sample ID No.			LF5SW0301NA		LF5SW0301OA		LF5SW0301PA		LF5SW0301QA		LF5SW0301RA		LF5SW0301SA		LF5SW0301TA		LF5SW0301UA					
Depth to Water (ft)			Surface		Surface		Surface		Surface		Surface		Surface		Surface		Surface					
VOCs (µg/L)																						
1,2,4-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,2-dichlorobenzene	3	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,3,5-trimethylbenzene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
1,4-dichlorobenzene	3	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
acetone	50	10	NA		NA		NA		NA		NA		NA		NA		NA					
benzene	1	0.1	NA		NA		NA		NA		NA		NA		NA		NA					
chlorobenzene	5	0.5	NA		NA		NA		NA		NA		NA		NA		NA					
chloroform	7	0.3	NA		NA		NA		NA		NA		NA		NA		NA					
naphthalene	10	1	NA		NA		NA		NA		NA		NA		NA		NA					
trichloroethene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
toluene	5	1	NA		NA		NA		NA		NA		NA		NA		NA					
vinyl acetate	--	5	NA		NA		NA		NA		NA		NA		NA		NA					
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	U	62.4 F	U	**170 F**	U	74 F	45 F	**200**	41 F	93 F	U	**120 F**	U	57 F	NA					
antimony	3	50	U	U	U	U	1.7 F	U	U	U	U	U	U	U	U	U	NA					
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
barium	1,000	50	42.2 F	44.1 F	36 F	37 F	54	55	36 F	37 F	64	71	35 F	38 F	51	51	NA					
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
boron, Total	1,000	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
calcium	--	1,100	108,000	109,000	93,000	90,000	110,000	110,000	95,000	97,000	110,000	120,000	84,000	88,000	100,000	100,000	NA					
chromium	50	10	U	3.18 F	2.9 F	2.3 F	2.3 F	2.5 F	U	U	2.1 F	2.8 F	U	U	U	U	NA					
cobalt	5	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
copper	200	10	U	U	2.3 F	2.5 F	U	U	U	U	U	U	U	U	U	U	NA					
iron	300	200	22.9 F	162 F	31 F	300	23 F	260	19 F	150 F	33 F	**390**	U	240	61 F	200	NA					
lead	50	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
magnesium	35,000	1,000	17,400	17,700	12,000	12,000	19,000	19,000	14,000	14,000	19,000	20,000	12,000	13,000	17,000	17,000	NA					
manganese	300	10	193	198	140	140	270	280	130	140	**390**	**430**	95	110	170	170	NA					
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
nickel	100	20	U	U	U	U	U	U	U	U	U	1.4 F	U	U	U	U	NA					
potassium	--	1,000	1,800	1,950	2,000	2,000	2,000	2,000	1,900	1,900	2,200	2,300	1,800	1,900	2,100	2,200	NA					
selenium	10	30	U	U	U	U	U	U	U	U	2.8 F	U	U	U	U	U	NA					
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NA					
sodium	--	1,000	100,000	103,000	100,000	100,000	100,000	100,000	94,000	96,000	98,000	110,000	89,000	91,000	97,000	97,000	NA					
thallium	0.5	80	U	**6.01 F**	U	U	U	U	U	U	U	U	U	U	U	U	NA					
vanadium	--	10	U	U	0.71 F	0.94 F	U	U	U	U	U	U	U	U	U	U	NA					
zinc	2,000	20	49.9 B	29 B	U	9.4 F	26 B	U	16 F	21 B	18 F	65	16 F	19 F	20	87	NA					
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NA		NA		NA		NA		NA		NA		NA		190					
ammonia	2	0.2	NA		NA		NA		NA		NA		NA		NA		0.15					
BOD5	--	2.4	NA		NA		NA		NA		NA		NA		NA		U					
bromide	2	0.5	NA		NA		NA		NA		NA		NA		NA		U					
COD	--	5	NA		NA		NA		NA		NA		NA		NA		7.3					
chloride	250	1	NA		NA		NA		NA		NA		NA		NA		140					
color	15	5	NA		NA		NA		NA		NA		NA		NA		U					
cyanide	200	0.02	NA		NA		NA		NA		NA		NA		NA		NA					
fluoride	1	1.5	NA		NA		NA		NA		NA		NA		NA		U					
hardness, Total	--	1	NA		NA		NA		NA		NA		NA		NA		250					
nitrate	10	1	NA		NA		NA		NA		NA		NA		NA		0.76					
TKN	1	1	NA		NA		NA		NA		NA		NA		NA		0.51 F					
sulfate	250	1	NA		NA		NA		NA		NA		NA		NA		33					
TDS	500	10	NA		NA		NA		NA		NA		NA		NA		490					
TOC	--	1	NA		NA		NA		NA		NA		NA		NA		1.8					
phenolics, Total	--	0.005	NA		NA		NA		NA		NA		NA		NA		NA					

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-10																							
Date of Collection			**6/28/2006**		**9/15/2006**		**12/11/2006**		**4/11/2007**		**6/19/2007**		**9/27/2007**		**12/10/2007**		**4/3/2008**		**6/12/2008**		**9/30/2008**		**12/9/2008**		**4/15/2009**		**6/29/2009**	
Sample ID No.			**775VM1095AA**		**775VM1095BB**		**775VM1095CA**		**775VM1095DA**		**775VM1095EA**		**775VM1095FA**		**775VM1095GA**		**775VM1095HA**		**775VM1095IA**		**775VM1095JA**		**775VM1095KA**		**775VM1095LA**		**775VM1095MA**	
Depth to Water (ft)			**60.25**		**60.18**		**59.27**		**58.15**		**57.97**		**59.37**		**59.63**		**58.43**		**58.32**		**49.46**		**59.53**		**59.07**		**59.13**	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	1.1		1		0.820 F		0.720 F		0.700 F		0.510 F		0.750 F		U		U		0.540 F		0.540 F		0.400 F		0.340 F	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	1.4 F		U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloroform	7	0.3	U		U		0.140 F		U		U		U		U		U		U		0.150 F		U		U		U	
chloromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		0.475 F		U		0.130 F		U		1.00 F		U		U		U		U	
trichloroethene (TCE)	5*	1	**96**		**83.6**		**84.3 F**		**68.2**		**68.4**		**58.8**		**65.6**		**60.4**		**59.0**		**46.9**		**43.4**		**43.5**		**34.6**	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**98.5**		**84.6**		**85.26**		**68.92**		**69.45**		**59.31**		**66.48**		**60.4**		**60.0**		**47.44**		**44.09**		**43.90**		**34.94**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	157 F	1,780	40.1 F	594	U	370	U	400	1400	U	U	440	U	200	U	310	U	63 F	U	380	88 F	**6,100**	U	410	64 F	250
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	75	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.2 F	10.1 F	3.16 F	4.73 F	2.2 F	5.3 F	2.9 F	4.0 F	8.6 F	3.4 F	2.8 F	4.3 F	3.2 F	3.6 F	2.6 F	3.3 F	3.3 F	3.1 F	3.4 F	4.0 F	3.2 F	27 F	2.4 F	3.5 F	3.7 F	3.5 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.24 F	U	U	U	U
boron	1,000	110	20.7	26.9	NA	NA	NA	NA	NA	NA	13.0	13.0	NA	NA	NA	NA	9.6 F	9.7 F	12.0	11.0	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	42,200	45,900	42,900	42,900	42,000	42,000	49,000	48,000	55,000	51,000	62,000	63,000	59,000	67,000	66,000	68,000	71,000	74,000	70,000	70,000	65,000	74,000	54,000	53,000	52,000	53,000
chromium	50	10	1.6 F	32	2.36 F	11.6	2.9 F	12	4.4 F	9.0 F	11	2.8 F	3.4 F	7.6 F	4.9 F	7.8 F	1.8 F	6.1 F	3.4 F	5.8 F	4.4 F	7.9 F	3.7 F	29	U	3.1 F	7.1 F	5.1 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	3.4 F	U	U	2.1 F	2.5 F	U	U	4.8 F	U	U	U	U	U	U	U	U	U	U	U	U	19	U	U	U	U
iron	300	200	U	**2,190**	U	**822**	23 F	**600**	U	**530**	**2,300**	5.8 F	26 F	**660**	U	290	U	**380**	13 F	120 F	U	**310**	U	**11,000**	U	**610**	U	**330**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.9 F	U	U	U	U
magnesium	35,000	1,000	14,900	16,200	15,900	15,800	16,000	15,000	18,000	17,000	20,000	19,000	23,000	23,000	21,000	24,000	24,000	25,000	25,000	26,000	25,000	25,000	23,000	25,000	20,000	19,000	19,000	19,000
manganese	300	10	0.5 F	95	U	37	U	30	U	30	120	U	U	46	U	16	U	19	U	10	U	18	U	**930**	U	28	U	19
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.8 F	3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	3.1 F	12.8 F	U	3.26 F	1.6 F	3.6 F	U	3.1 F	3.5 F	U	U	2.3 F	U	2.5 F	U	1.8 F	U	U	U	1.9 F	U	15 F	U	U	U	U
potassium	--	1,000	685 F	1,300	685 F	839 F	670 F	780 F	770 F	820 F	1,200	730 F	910	1,000	850 F	900 F	760 F	880 F	880 F	940 F	930 F	1,000	930 F	3,000	760 F	850 F	930 F	860 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	10,800	11,600	9,750	9,870	7,600	7,300	7,000	6,600	11,000	10,000	15,000	15,000	10,000	12,000	9,100	8,800	14,000	16,000	**23,000**	**23,000**	**30,000**	**29,000**	18,000	18,000	**22,000**	**21,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.9 F	U	15 F	U	U	14 F	U
vanadium	--	10	U	3.7 F	U	0.86 F	U	1.1 F	U	1.6 F	2.7 F	U	U	1.2 F	U	0.81 F	U	1.1 F	U	U	U	U	U	13	U	U	U	U
zinc	2,000	20	4.2 F	10 F	12.9 F	24.9 B	4.8 F	6.8 F	U	U	10 F	U	13 F	49 B	32 B	28B	11 F	13 F	9.3 F	11 F	20 B	12 F	34 B	100 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	148 B		120		120		110		110		100		100		98		100		94		110		100		98	
ammonia	2	0.2	U		U		U		U		0.023 F		U		0.024 F		U		0.11 B		U		U		U		U	
BOD5	--	2.4	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.011 F		U		U		U		U		0.044 F		U		0.045 F		0.043 F		UJ		0.046 F		U	
COD	--	5	U		U		U		13		15 B		U		4.1 F		4.1 F		U		U		15		3.7 F		U	
chloride	250	1	35.3 B		44		34		52		86		110		120		120		150		150		120		100		90 J	
color	15	5	**50**		NA		NA		NA		U		NA		NA		NA		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		U		0.0063 F		NA		NA		NA		NA	
hardness, Total	--	1	260		210		150		190		240		220		260		260		300		270		290		220		210	
nitrate	10	1	4.7		3.3		3.0		2.7		2.5		2.6		2.6		2.4		2.0		1.7		1.6		1.3		1.1	
TKN	1	0.2	U		U		U		0.14 F		0.063 F		0.22		0.058 F		0.058 F		U		U		0.11 F		U		0.36	
sulfate	250	1	7 B		6.3		6.4		5.6		6.2		9.9		11		9.5		12		14		13		10		8.9	
TDS	500	10	254		260		250		260		390		**510**		340		480		**710**		490		400		330		320	
TOC	--	1	1		0.46 F		0.54 F		U		U		0.79 F		0.95 F		0.51 F		U		U		0.67 F		U		U	
phenolics, Total	--	0.005	U		U		U		U		U		0.0018 F		0.0015 F		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-10																			
Date of Collection			**9/14/2009**		**3/22/2010**		**9/23/2010**	**6/8/2011**														
Sample ID No.			**775VM1095NA**		**775VM1095OA**		**775VM1095PA**	**775VM1095PA**														
Depth to Water (ft)			**60.05**		**60.57**		**61.55**	**59.20**														
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	0.380 F		0.410 F		0.460 F	0.50 F														
1,1-dichloroethene	5*	1	U		U		U	U														
1,2-dichloroethane	0.6	1	U		U		U	U														
1,4-dichlorobenzene	3	0.5	U		U		U	U														
acetone	50	10	U		U		2.54 FB	U														
benzene	1	0.1	U		U		U	U														
carbon disulfide	1,000	0.5	U		U		U	U														
chloroform	7	0.3	U		U		U	0.17 F														
chloromethane	5*	1	U		U		U	U														
cis-1,2-dichloroethene	5*	1	U		U		U	U														
dichlorodifluoromethane	5*	1	U		U		U	U														
hexachlorobutadiene	0.5*	0.6	U		U		U	U														
methylene chloride	5*	1	U		U		U	U														
trichloroethene (TCE)	5*	1	**43.2**		**41.2**		**43.3**	**45.0**														
toluene	5*	1	U		U		U	U														
trans-1,2-dichloroethene	5*	1	U		U		U	U														
trichlorofluoromethane	5*	1	U		U		U	U														
vinyl chloride	2	1	U		U		U	U														
xylenes, Total	--	1.5	U		U		U	U														
Total VOCs (µg/L)			**43.58**		**41.61**		**46.3**	**45.67**														
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	290	540		270	NA														
antimony	3	50	U	UJ	U		U	NA														
arsenic	25	30	U	UJ	U		U	NA														
barium	1,000	50	2.6 F	3.0 F	4.6 F		U	NA														
beryllium	3	4	U	U	U		U	NA														
boron	1,000	110	U	U	15		NA	NA														
cadmium	5	5	**7.2 J**	UJ	U		U	NA														
calcium	--	1,100	53,000	52,000	45,000		49,000	NA														
chromium	50	10	U	U	5.4 F		U	NA														
cobalt	--	60	U	U	U		U	NA														
copper	200	10	U	U	U		U	NA														
iron	300	200	U	**340**	**590**		**400**	NA														
lead	25	25	U	U	U		U	NA														
magnesium	35,000	1,000	18,000	18,000	16,000		17,000	NA														
manganese	300	10	U	18	25		19	NA														
mercury	0.7	1	U	U	U		U	NA														
molybdenum	--	15	U	U	U		U	NA														
nickel	100	20	U	U	U		2.6 F	NA														
potassium	--	1,000	820 F	900 F	970 F		820 F	NA														
selenium	10	30	U	U	U		U	NA														
silver	50	10	U	U	U		U	NA														
sodium	20,000	1,000	**24,000**	**24,000**	**20,000**		**18,000**	NA														
thallium	0.5	80	U	U	U		U	NA														
vanadium	--	10	U	U	U		U	NA														
zinc	2,000	20	6.3 F	4.2 F	5.6 F		4.4 F	NA														
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	100		130		120	310														
ammonia	2	0.2	U		U		U	0.18														
BOD5	--	2.4	U		U		U	U														
bromide	2	0.5	0.035 F		U		U	U														
COD	--	5	U		U		U	U														
chloride	250	1	100		61		73	200														
color	15	5	NA		U		NA	U														
cyanide, Total	200	0.02	NA		0.0088 F		U	U														
hardness, Total	--	1	210		180		190	310														
nitrate	10	1	1.1		1.0 B		1.1	1.7														
TKN	1	0.2	U		0.24 B		0.21 B	0.34 F														
sulfate	250	1	9.4		9.2 B		9.0	24														
TDS	500	10	380		220		270	**600**														
TOC	--	1	0.52 F		U		0.82 F	0.82 F														
phenolics, Total	--	0.005	U		U		U	NA														

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-18R																							
Date of Collection			6/28/2006		9/15/2006		12/11/2006		4/11/2007		6/19/2007		9/27/2007		12/10/2007		4/7/2008		6/12/2008		9/30/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			775VM18R90AA		775VM18R90BB		775VM18R90CA		775VM18R90DA		775VM18R90EA		775VM18R90FA		775VM18R90GA		775VM18R90HA		775VM18R90IA		775VM18R90JA		775VM18R90KA		775VM18R90LA		775VM18R90MA	
Depth to Water (ft)			52.65		52.63		51.77		50.57		50.15		51.68		52.26		51.10		51.57		51.84		52.1		51.52		51.33	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	**6**		**5.01**		**5.50**		**5.09**		4.7		3.91		**5.17**		4.37		4.92		4.11		3.96		4.25		4.29	
1,1-dichloroethene	5*	1	0.4 F		0.37 F		0.280 F		0.230 F		0.250 F		0.240 F		0.840 F		U		U		U		0.180 F		U		U	
1,2-dichloroethane	0.6	1	**1.3**		**1.3**		**1.07**		**0.91**		**0.85**		**0.670**		**0.840**		**0.650**		**0.700**		**0.630**		0.580		0.590		0.510	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		UF		U	
chloroform	7	0.3	0.52		0.49 F		0.500		U		0.370 F		0.230 F		0.720		0.260 F		0.280 F		0.280 F		0.360 F		0.290		0.290 F	
chloromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		UJ		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**7.22**		**7.17**		**7.35**		**6.23**		**6.17**		**5.05**		**6.85**		**5.28**		**5.90**		**5.02**		**5.08**		**5.13**		**5.09**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	53.9 F	681	U	546	U	560	U	450	390	U	U	210	U	200	U	220	U	U	U	210	68 F	**6,400**	U	**3,000**	41 F	500
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	19 F	21.3 F	13.9 F	15.8 F	11 F	14 F	19 F	21 F	21 F	20 F	17 F	18 F	17 F	18 F	16 F	18 F	14 F	15 F	14 F	16 F	14 F	37 F	15 F	25 F	12 F	13 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	81.1	77.7	NA	NA	NA	NA	NA	NA	61	61	NA	NA	NA	NA	52	53	50	51	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	178,000	183,000	129,000	131,000	120,000	120,000	200,000	190,000	210,000	210,000	180,000	180,000	170,000	180,000	160,000	170,000	130,000	140,000	130,000	130,000	170,000	170,000	140,000	140,000	130,000	140,000
chromium	50	10	1.3 F	27	4.99 F	10.2	4.4 F	6.3 F	6.6 F	6.1 F	9.1 F	6 F	4.9 F	5.4 F	6.3 F	4.6 F	5.7 F	8.1 F	5.1 F	5.1 F	5.3 F	7.1 F	5.3 F	25	4.2 F	20	7.2 F	6.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	12.3	U	U	2.4 F	4.0 F	U	2.5 F	U	U	U	2.3 F	U	U	U	5.1 F	U	U	U	U	U	18	U	12	U	3.7 F
iron	300	200	U	**1,030**	U	**934**	8.1 F	**1,100**	U	**770**	**770**	U	19 F	**400**	9.4 F	**340**	U	**340**	U	110 F	U	**350**	U	**11,000**	U	**6,400**	18 F	730
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.8 F	U	U	U	U
magnesium	35,000	1,000	**55,300**	**58,100**	**40,600**	**40,800**	**37,000**	**38,000**	**59,000**	**58,000**	**62,000**	**62,000**	**52,000**	**52,000**	**49,000**	**52,000**	**48,000**	**50,000**	**39,000**	**40,000**	**38,000**	**39,000**	**49,000**	**53,000**	**43,000**	**44,000**	**40,000**	**41,000**
manganese	300	10	2.4 F	99.8	9.05 F	80	U	88	1.9 F	84	74	4.7 F	U	42	2.0 F	32	U	28	U	28	U	37	U	**1,600**	U	**930**	U	55
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	2.7 F	2.36 F	3.81 F	1.6 F	2.6 F	U	2.4 F	U	U	1.4 F	1.9 F	U	1.4 F	1.5 F	2.8 F	U	U	1.4 F	1.9 F	U	14 F	3.4 F	17 F	U	2.2 F
potassium	--	1,000	2,290	2,580	2,000	2,200	1,900	2,100	2,500	2,600	2,800	2,700	2,900	2,900	2,700	2,900	2,600	2,800	2,400	2,500	2,400	2,500	2,700	4,900	2,600	3,400	2,500	2,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.7 F	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**191,000**	**195,000**	**189,000**	**192,000**	**170,000**	**170,000**	**210,000**	**200,000**	**270,000**	**270,000**	**340,000**	**340,000**	**340,000**	**350,000**	**330,000**	**330,000**	**330,000**	**330,000**	**320,000**	**330,000**	**330,000**	**340,000**	**360,000**	**360,000**	**330,000**	**340,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.8 F	U	U	U	1.4 F	0.90 F	1.3 F	U	U	U	0.92 F	U	0.90 F	U	0.74 F	U	0.80 F	U	U	U	13	U	6.8 F	U	U
zinc	2,000	20	6.6 F	8.9 F	30.2 B	35.4 B	6.8 F	9.1 F	U	6.9 F	U	U	37 B	33 B	28 B	18 F	1.1 F	16 F	11 F	12 F	12 F	12 F	53 B	52 B	U	20	U	7.4 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	142		140		150		120		110		130		130		140		150		140		130		150		140	
ammonia	2	0.2	U		U		U		U		0.024 F		U		0.025 F		0.020 F		0.056 B		U		U		U		U	
BOD5	--	2.4	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.092 F		0.043 F		0.18 F		0.20 F		0.20 F		0.25 F		0.20 F		0.19 F		0.14 F		UJ		0.17 F		0.11 F	
COD	--	5	27.4		7.1 F		9.4 F		17		15 B		6.3 F		6.3 F		8.5 F		4.1 F		26		22		26		20	
chloride	250	1	**873**		**550**		**450**		**710**		**880**		**880**		**860**		**790**		**680**		**720**		**760**		**810**		**630 F**	
color	15	5	**18**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		0.0096 F		0.0078 F		NA		NA		NA		NA	
hardness, Total	--	1	680		520		450		720		770		610		650		600		470		500		600		590		480	
nitrate	10	1	4.4		3.4		3.0		4.1		3.3		3.4		3.5		3.2		3.2		3.5		3.5		3.7		3.6	
TKN	1	0.2	U		U		0.084 F		0.18 F		0.21 B		0.12 F		U		U		U		U		0.16 F		0.11 F		0.15 F	
sulfate	250	1	63		41		34		40		50		40		41		36		35		35		35		43		39	
TDS	500	10	**1,770**		**1,500**		**1,300**		**1,900**		**2,600**		**2,300**		**1,700**		**1,900**		**2,000**		**1,400**		**1,800**		**1,200**		**1,600**	
TOC	--	1	0.83 F		0.63 F		0.66 F		0.45 F		0.61 F		0.83 F		0.69 F		0.80 F		0.50 F		0.53 F		1.0		0.48 F		0.59 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0022 F		U		0.0014 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-18R																			
Date of Collection			**9/14/2009**		**3/22/2010**	**9/23/2010**	**6/7/2011**															
Sample ID No.			**775VM18R90NA**		**775VM18R90OA**	**775VM18R90PA**	**775VM18R90PA**															
Depth to Water (ft)			**52.29**		**53.04**	**53.74**	**51.50**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	3.96		4.00	4.03	NA															
1,1-dichloroethene	5*	1	U		U	0.170 F	NA															
1,2-dichloroethane	0.6	1	0.500		0.460 F	0.430 F	NA															
1,4-dichlorobenzene	3	0.5	U		U	U	NA															
acetone	50	10	U		U	1.71 FB	NA															
benzene	1	0.1	U		U	U	NA															
carbon disulfide	1,000	0.5	U		U	U	NA															
chloroform	7	0.3	0.270 F		0.360 F	0.530	NA															
chloromethane	5*	1	U		U	U	NA															
cis-1,2-dichloroethene	5*	1	U		U	U	NA															
dichlorodifluoromethane	5*	1	U		U	U	NA															
hexachlorobutadiene	0.5*	0.6	U		U	U	NA															
methylene chloride	5*	1	U		U	U	NA															
trichloroethene (TCE)	5*	1	U		U	U	NA															
toluene	5*	1	U		U	U	NA															
trans-1,2-dichloroethene	5*	1	U		U	U	NA															
trichlorofluoromethane	5*	1	U		U	U	NA															
vinyl chloride	2	1	U		U	U	NA															
xylenes, Total	--	1.5	U		U	U	NA															
Total VOCs (µg/L)			**4.73**		**4.82**	**6.87**	NA															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	190 F	260	460	90 F	NA															
antimony	3	50	U	U	U	U	NA															
arsenic	25	30	U	U	U	U	NA															
barium	1,000	50	10 F	11 F	15 F	8.7 F	NA															
beryllium	3	4	U	U	U	U	NA															
boron	1,000	110	U	U	50	NA	NA															
cadmium	5	5	U	U	U	U	NA															
calcium	--	1,100	110,000	110,000	130,000	120,000	NA															
chromium	50	10	U	U	5.4 F	U	NA															
cobalt	--	60	U	U	U	U	NA															
copper	200	10	U	U	U	U	NA															
iron	300	200	290	**420**	**680**	230	NA															
lead	25	25	U	U	U	U	NA															
magnesium	35,000	1,000	33,000	33,000	**42,000**	**36,000**	NA															
manganese	300	10	28	39	52	13	NA															
mercury	0.7	1	U	U	U	U	NA															
molybdenum	--	15	U	U	U	U	NA															
nickel	100	20	U	2.2 F	4.9 F	4.8 F	NA															
potassium	--	1,000	2,100	2,200	3,000	2,400	NA															
selenium	10	30	U	U	U	U	NA															
silver	50	10	U	U	U	U	NA															
sodium	20,000	1,000	**270,000**	**270,000**	**300,000**	**240,000**	NA															
thallium	0.5	80	U	U	U	U	NA															
vanadium	--	10	U	U	U	U	NA															
zinc	2,000	20	4.5 F	6.2 F	8.4 F	8.2 F	NA															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	150		160	160	160															
ammonia	2	0.2	0.35		U	U	0.094 F															
BOD5	--	2.4	U		U	U	U															
bromide	2	0.5	0.12 F		U	U	0.11 F															
COD	--	5	6.7 F		5.6 FB	U	U															
chloride	250	1	**560**		**640**	**510**	**550**															
color	15	5	NA		U	NA	U															
cyanide, Total	200	0.02	NA		0.0080 F	U	NA															
hardness, Total	--	1	410		500	440	480															
nitrate	10	1	3.9		3.7	4.5	3.2															
TKN	1	0.2	0.4		0.22 B	0.20 B	0.30 F															
sulfate	250	1	29		35	35	45															
TDS	500	10	**1,400**		**1,500**	**1,200**	**1200**															
TOC	--	1	0.61 F		0.65 FB	0.88 F	0.80 F															
phenolics, Total	--	0.005	U		U	U	NA															

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-20R																							
Date of Collection			6/28/2006		9/18/2006		12/11/2006		4/11/2007		6/20/2007		9/28/2007		12/10/2007		4/8/2008		6/12/2008		10/1/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			775VM20R110AA		775VM20R110BB		775VM20R110CA		775VM20R110DA		775VM20R110EA		775VM20R110FA		775VM20R110GA		775VM20R110HA		775VM20R110IA		775VM20R110JA		775VM20R110KA		775VM20R110LA		775VM20R110MA	
Depth to Water (ft)			65.15		65.20		64.22		63.22		62.95		64.40		64.61		63.34		63.31		64.42		64.54		63.99		64.01	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.180 F		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		0.140 F		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0.18**		**0**		**0.14**		**0**		**0**		**0**		**0**		**0**		**0**		**0**		**0**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	73 F	811	U	189 F	U	380	U	470	U	410	U	130	U	240	U	1,000	U	120 F	41 F	300	62 F	260 B	U	110 F	61 F	110 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	40.2 F	44.1 F	37.9 F	39.2 F	45 F	47 F	41 F	43 F	38 F	41 F	41 F	41 F	41 F	44 F	47 F	56	46 F	47 F	47 F	48 F	46 F	47 F	56	55	51	52
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	40	39.4	NA	NA	NA	NA	NA	NA	43	44	NA	NA	NA	NA	44.0	49	49	47	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	50,200	53,300	47,500	48,500	48,000	49,000	48,000	49,000	50,000	53,000	58,000	58,000	55,000	58,000	55,000	60,000	64,000	63,000	66,000	67,000	61,000	61,000	54,000	55,000	60,000	62,000
chromium	50	10	U	1.5 F	2.28 F	3.79 F	4.4 F	4.2 F	4.2 F	3.7 F	3.2 F	5.3 F	3.9 F	3.6 F	5.0 F	2.9 F	4.4 F	U	3.2 F	3.3 F	4.9 F	6.1 F	4.3 F	5.5 F	3.0 F	U	7.6 F	5.9 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	2.1 F	U	U	2.4 F	2.9 F	U	3.2 F	U	U	U	U	U	U	U	3.7 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	27.4 F	**891**	41.3 F	189 F	57 F	**550**	32 F	**590**	35 F	**580**	33 F	180 F	25 F	260	32 F	**1,500**	48 F	220	34 F	**310**	35 F	260	17 F	200	36 F	130 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	24,000	26,200	23,700	23,700	24,000	25,000	24,000	24,000	25,000	26,000	28,000	27,000	27,000	29,000	28,000	30,000	31,000	30,000	31,000	31,000	30,000	30,000	28,000	28,000	29,000	30,000
manganese	300	10	**477**	**532**	**467**	**456**	**470**	**470**	**450**	**450**	**470**	**510**	**500**	**480**	**490**	**540**	**460**	**570**	**590**	**590**	**560**	**590**	**530**	**520**	**470**	**460**	**490**	**520**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	2.3 F	2.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	2.6 F	2.7 F	U	1.4 F	U	U	U	U	U	U	U	2.7 F	U	1.3 F	1.9 F	3.6 F	2.1 F	2.5 F	U	U	U	U
potassium	--	1,000	1,530	1,900	1,450	1,530	1,500	1,600	1,500	1,700	1,500	1,700	1,700	1,700	1,600	1,700	1,500	2,000	1,600	1,600	1,700	1,700	1,600	1,600	1,500	1,500	1,600	1,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**34,300**	**35,900**	**34,600**	**35,000**	**37,000**	**37,000**	**38,000**	**38,000**	**38,000**	**40,000**	**37,000**	**36,000**	**34,000**	**35,000**	**34,000**	**36,000**	**39,000**	**38,000**	**38,000**	**38,000**	**37,000**	**36,000**	**34,000**	**34,000**	**39,000**	**40,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.6 F	U	U	U	1.5 F	0.78 F	1.6 F	U	U	U	U	U	U	U	1.9 F	U	U	U	0.72 F	U	U	U	U	U	U
zinc	2,000	20	9.4 F	9.8 F	15.8 F	15.5 F	6.1 F	6.3 F	6.4 F	6.9 F	17 F	U	36 B	29 B	58 B	29 B	12 F	22 B	13 F	17 F	13 F	15 F	56 B	55 B	U	4.5 F	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	219		180		180		180		180		180		170		170		180		180		170		170		170	
ammonia	2	0.2	0.012 F		0.035 F		U		0.020 F		0.039 F		0.013 F		0.045 F		0.034 F		0.055 B		0.033 F		0.020 F		0.047 F		0.026 F	
BOD5	--	2.4	UJ		U		UJ		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.011 F		U		U		U		0.022 F		0.046 F		0.051 F		0.037 F		0.039 F		UJ		0.048 F		0.027 F	
COD	--	5	17.8		16 B		U		13		17		U		4.1 F		8.5 F		U		3.7 F		U		6.0 F		U	
chloride	250	1	51.1		59		57		58		71		83		84		89		110		110		92		92		98 J	
color	15	5	15		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		U		0.018 F		NA		NA		NA		NA	
hardness, Total	--	1	213		260		230		220		230		220		260		260		270		300		270		270		280	
nitrate	10	1	U		U		0.013 F		0.21		0.041 F		0.015		U		0.040 F		U		U		U		U		U	
TKN	1	0.2	0.12 F		0.084 F		0.42		0.12 F		U		U		U		0.12 F		U		U		U		U		U	
sulfate	250	1	39.4		42		39		39		40		37		37		38		38		38		35		36		34	
TDS	500	10	348		360		370		320		410		290		300		360		480		380		390		350		330	
TOC	--	1	0.75 F		U		0.55 F		0.44 F		1.6		0.61 F		0.45 F		1.1 B		U		0.85 F		0.53 F		U		U	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0020 F		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	775VMW-20R																			
Date of Collection			**9/14/2009**		**3/22/2010**	**9/23/2010**	**6/7/2011**															
Sample ID No.			**775VM20R110NA**		**775VM20R110OA**	**775VM20R110PA**	**775VM20R110PA**															
Depth to Water (ft)			**64.97**		**65.51**	**66.65**	**64.50**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U	U	NA															
1,1-dichloroethene	5*	1	U		U	U	NA															
1,2-dichloroethane	0.6	1	U		U	U	NA															
1,4-dichlorobenzene	3	0.5	U		U	U	NA															
acetone	50	10	U		U	1.61 FB	NA															
benzene	1	0.1	U		U	U	NA															
carbon disulfide	1,000	0.5	U		U	U	NA															
chloroform	7	0.3	U		U	U	NA															
chloromethane	5*	1	U		U	U	NA															
cis-1,2-dichloroethene	5*	1	U		U	U	NA															
dichlorodifluoromethane	5*	1	U		U	U	NA															
hexachlorobutadiene	0.5*	0.6	U		U	U	NA															
methylene chloride	5*	1	U		U	U	NA															
trichloroethene (TCE)	5*	1	U		U	U	NA															
toluene	5*	1	U		U	U	NA															
trans-1,2-dichloroethene	5*	1	U		U	U	NA															
trichlorofluoromethane	5*	1	U		U	U	NA															
vinyl chloride	2	1	U		U	U	NA															
xylenes, Total	--	1.5	U		U	U	NA															
Total VOCs (µg/L)			**0**		**0**	**1.61**	NA															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	49 F	U	NA															
antimony	3	50	U	U	U	U	NA															
arsenic	25	30	U	U	U	U	NA															
barium	1,000	50	50	49 F	82	69	NA															
beryllium	3	4	U	U	U	U	NA															
boron	1,000	110	U	U	46	NA	NA															
cadmium	5	5	U	U	U	U	NA															
calcium	--	1,100	63,000	64,000	62,000	62,000	NA															
chromium	50	10	U	U	U	U	NA															
cobalt	--	60	U	U	U	U	NA															
copper	200	10	U	U	U	U	NA															
iron	300	200	26 F	54 F	110 F	74 F	NA															
lead	25	25	U	U	U	U	NA															
magnesium	35,000	1,000	30,000	30,000	31,000	30,000	NA															
manganese	300	10	**500**	**490**	**500**	**420**	NA															
mercury	0.7	1	U	U	U	U	NA															
molybdenum	--	15	U	U	U	U	NA															
nickel	100	20	U	U	U	U	NA															
potassium	--	1,000	1,600	1,600	1,700	1,600	NA															
selenium	10	30	U	U	U	U	NA															
silver	50	10	U	U	U	U	NA															
sodium	20,000	1,000	**41,000**	**41,000**	**40,000**	**47,000**	NA															
thallium	0.5	80	U	U	U	U	NA															
vanadium	--	10	U	U	U	U	NA															
zinc	2,000	20	U	U	6.9 F	5.4 F	NA															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	180		170	170	160															
ammonia	2	0.2	0.22 F		0.35 F	U	0.2															
BOD5	--	2.4	U		U	U	1.4 F															
bromide	2	0.5	0.037 F		U	U	U															
COD	--	5	U		U	U	U															
chloride	250	1	110		120	130	73															
color	15	5	NA		U	NA	U															
cyanide, Total	200	0.02	NA		0.0080 F	U	NA															
hardness, Total	--	1	300		280	280	200															
nitrate	10	1	0.017 F		0.055 F	U	U															
TKN	1	0.2	0.13 F		0.30 B	0.18 FB	0.45 F															
sulfate	250	1	35		34	37	29															
TDS	500	10	410		410	**530**	330															
TOC	--	1	0.39 F		U	0.71 F	0.61 F															
phenolics, Total	--	0.005	U		U	U	NA															

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-1																							
Date of Collection			6/28/2006		9/18/2006		12/11/2006		4/9/2007		6/20/2007		9/27/2007		12/10/2007		4/2/2008		6/17/2008		9/30/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6M0168AA		LF6M0168BB		LF6M0168CA		LF6M0168DA		LF6M0168EA		LF6M0168FA		LF6M0168GA		LF6M0168HA		LF6MO168IA		LF6MO168JA		LF6MO168KA		LF6M0168LA		LF6M0168MA	
Depth to Water (ft)			63.18		63.21		62.19		61.18		60.97		62.46		62.59		61.55		61.24		62.39		62.52		62.00		62.03	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	1.1 F		U		U		1.00 F		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		0.170 F		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		U		UM		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.330 F		U		U		U		0.120 F♦		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		0.180 F	
vinyl chloride	2	1	U		U		U		U		U		UJ		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1.1**		**0**		**0.33**		**1**		**0**		**0**		**0.290**		**0**		**0**		**0**		**0**		**0**		**0.180**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55.5 F	94.6 F	U	80.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	72 F	U	U	4.4 F♦	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.1 F	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	1 F	54.3	94.2	95.8	64	66	69	70	36 F♦	37 F	56♦	56♦	31 F	33 F	15 F	15 F	18 F♦	18 F♦	44 F♦	46 F	14 F	14 F	17 F♦	17 F	21 F♦	20 F
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	20.7 J	15.7 J	NA	NA	NA	NA	NA	NA	14♦	16♦	U	U	NA	NA	12	11	15 J♦	14♦	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	2.4 F	U	0.73 F	U	U	U	U	U	U	U	U	U	U	U	U	0.58 F	U	U	U	U	U	U	U	U	U
calcium	--	1,100	65,500	149,000	216,000	217,000	150,000	150,000	150,000	150,000	73,000♦	76,000	110,000	110,000	61,000	64,000♦	32,000	31,000	42,000	44,000♦	99,000♦	100,000	32,000	32,000	47,300	40,000	54,000♦	53,000♦
chromium	50	10	2.3 F	11.1	4.31 F	33.2	7.5 F	7.7 F	9.5 F	12	6.7 F♦	11	4.5 F	5.4 F♦	4.7 F	3.8 F♦	U	U	2.6 F♦	1.9 F	3.4 F	3.8 F♦	U	7.7F♦	U	3.8 F	4.0 F♦	5.0 F♦
cobalt	--	60	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	6.1 F	U	U	3.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	18.5 F	104 F	U	117 F	20 F	28 F	11 F	17 F	9.8 F	26 F	8.7 F	22 F	23 F	10 F♦	5.2 F	11 F♦	40 F	12 F	9.4 F♦	14 F	U	25 F♦	U	29 F	U	18 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**37,500 J**	23,100 J	**41,200**	**40,300**	**37,000**	**37,000**	35,000	**36,000**	19,000	21,000	25,000	26,000♦	12,000	12,000	5,500	5,100	8,200♦	8,400♦	16,000	17,000	5,400	5,300	6500♦	6,200	7,100♦	7,000♦
manganese	300	10	6.7 F	6.2 F	U	4 F	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U7	U	2.1 F♦	U	U	U	3.4♦	3.0 F	U	U
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	**125 J**	4.2 F	U	2.13 F	2.0 F	1.9 F	U	2.1 F	U	U	U	1.2 F♦	U	U	U	U	U	U	U	1.2 F	U	U	U	U	U	U
potassium	--	1,000	1,490	2,830	3,650	3,710	3,000	2,900	3,000	3,100	2,000	2,200	2,700	2,800♦	2,000	2,100♦	1,400	1,500	1400 F♦	1,100♦	2,100	2,200	1,200	1,200	1400♦	1,400	1,400♦	1,300
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.1 F	U	U	U	U	U	1.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**93,800**	**378,000**	**563,000**	**573,000**	**570,000**	**570,000**	**720,000**	**730,000**	**560,000♦**	**570,000**	**800,000♦**	**800,000♦**	**550,000♦**	**600,000♦**	**360,000**	**350,000**	**420,000♦**	**410,000♦**	**620,000♦**	**630,000**	**340,000**	**340,000**	**260,000**	**250,000**	**370,000♦**	**370,000♦**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	0.95 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	18.9 F	17.1 F	30.6 B	8.4 F	4.6 F	U	U	U	U	47 B	60 B	60 B	74 B♦	11 F	11 F	13 F	13 F	14 F♦	17 F♦	69 B	81 B	U	U	5.2 F	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	251		250 F		330		360		400♦		340		320♦		270		330		390		340		270		280	
ammonia	2	0.2	0.039 F		U		U		U		0.028 F♦		U		0.049 F♦		0.016 F		0.057 B♦		U		U		U		U	
BOD5	--	2.4	UJ		U		UF		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.25 F		0.12 F		0.24 F		0.18 F♦		0.26 F		U		U		U		0.18 F		UJ		0.064 F♦		0.077 F	
COD	--	5	U		14 B		24 B		19 F		20 F		28 F		13 B		6.3 F♦		6.3 F		17		3.7 F		6.0 F		U	
chloride	250	1	3.6		**1,300 M**		**970 M**		**1,100 M**		**740 M♦**		**1,200**		**740**		**340♦**		**390**		**870**		**280**		**270**		**430**	
color	15	5	**80**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		0.012 F		NA		NA		0.0090 F		0.015 F♦		NA		NA		NA		NA	
hardness, Total	--	1	444		740		520		530		260		360		240		100		190 F		370♦		130 F♦		140		180♦	
nitrate	10	1	0.77 F		0.95 F		0.87		1.6		0.94 F		1.0		0.97 F♦		0.82 F♦		0.81 F		1.2		0.75		0.82 F		1.0	
TKN	1	0.2	0.49		U		0.11 F		0.23		0.10 F♦		0.10 F♦		0.12 F		0.068 F♦		U		0.070 F		0.077 F♦		U		0.14 F	
sulfate	250	1	6.1		45		50		55 M		49♦		72♦		65 M		39♦		52		78 M		34		32		50	
TDS	500	10	156		**3,000**		**2,100**		**2,300**		**1,700♦**		**4,700 F♦**		**1,700♦**		**900**		**1,100♦**		**1,900♦**		**940**		**810**		**1,000**	
TOC	--	1	1.1		1.6		2.5 B		2.1		2.5		2.6 B♦		2.4		1.7		1.8		2.2♦		2.0		0.79 F		1.1	
phenolics, Total	--	0.005	U		U		U		U		U		0.0025 F♦		0.0015 F♦		0.00098 F♦		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-1																			
Date of Collection			**9/15/2009**		**3/22/2010**	**9/23/2010**	**6/6/2011**															
Sample ID No.			**LF6M0168NA**		**LF6M0168OA**	**LF6M0168PA**	**LF6M0168PA**															
Depth to Water (ft)			**63.02**		**63.52**	**64.47**	**62.09**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U	U	NA															
1,1-dichloroethene	5*	1	U		U	U	NA															
1,2-dichloroethane	0.6	1	U		U	U	NA															
1,4-dichlorobenzene	3	0.5	U		U	U	NA															
acetone	50	10	U		U	1.66 FB	NA															
benzene	1	0.1	U		U	U	NA															
carbon disulfide	1,000	0.5	U		U	U	NA															
chloroform	7	0.3	U		U	U	NA															
chloromethane	5*	1	U		U	U	NA															
cis-1,2-dichloroethene	5*	1	U		U	U	NA															
dichlorodifluoromethane	5*	1	U		U	U	NA															
hexachlorobutadiene	0.5*	0.6	U		U	U	NA															
methylene chloride	5*	1	U		U	U	NA															
trichloroethene (TCE)	5*	1	U		U	U	NA															
toluene	5*	1	U		U	U	NA															
trans-1,2-dichloroethene	5*	1	U		U	U	NA															
trichlorofluoromethane	5*	1	U		U	U	NA															
vinyl chloride	2	1	U		U	U	NA															
xylenes, Total	--	1.5	U		U	U	NA															
Total VOCs (µg/L)			**0**		**0**	**1.66**	NA															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	260 F	120 F♦	U	U	NA															
antimony	3	50	U	U	U	U	NA															
arsenic	25	30	U	U	U	U	NA															
barium	1,000	50	20 F	20 F♦	27 F♦	24 F	NA															
beryllium	3	4	U	U	U	U	NA															
boron	1,000	110	U	U	18 B♦	NA	NA															
cadmium	5	5	U	1.1 F♦	U	U	NA															
calcium	--	1,100	46,000	47,000♦	59,000 ♦	56,000	NA															
chromium	50	10	U	U	U	U	NA															
cobalt	--	60	U	U	U	U	NA															
copper	200	10	U	U	13 ♦	U	NA															
iron	300	200	U	11 F♦	18 F	15 F	NA															
lead	25	25	U	U	U	U	NA															
magnesium	35,000	1,000	5,500	5,700♦	6,400	5,600	NA															
manganese	300	10	U	U	U	U	NA															
mercury	0.7	1	U	U	U	U	NA															
molybdenum	--	15	U	U	U	U	NA															
nickel	100	20	U	U	U	U	NA															
potassium	--	1,000	1,300	1,300♦	1,900 ♦	1,800	NA															
selenium	10	30	U	U	U	U	NA															
silver	50	10	U	U	U	U	NA															
sodium	20,000	1,000	**290,000**	**300,000♦**	**330,000 ♦**	**310,000**	NA															
thallium	0.5	80	U	U	U	U	NA															
vanadium	--	10	U	U	U	U	NA															
zinc	2,000	20	U	U	16 FB♦	8.1 F♦	NA															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	280		320	310	360															
ammonia	2	0.2	0.019 F♦		U	U	0.10 F															
BOD5	--	2.4	U		U	U	U															
bromide	2	0.5	0.14 F		U	U	0.12 F															
COD	--	5	6.7 F		5.2 FB♦	8.1 FB♦	10 F♦															
chloride	250	1	**290 M♦**		**320**	**310**	**480**															
color	15	5	NA		U	NA	U															
cyanide, Total	200	0.02	NA		0.013 F	0.0063 F	U															
hardness, Total	--	1	160		170	160	240															
nitrate	10	1	1.0 ♦		0.86 FB ♦	0.98 F♦	0.9															
TKN	1	0.2	U		0.19 FB♦	0.29 BF♦	0.49 F															
sulfate	250	1	61 M♦		42	65♦	50															
TDS	500	10	**870♦**		**840**	**850**	**1,200**															
TOC	--	1	1.3♦		1.4 B	2.0	1.5															
phenolics, Total	--	0.005	U		U	U	U															

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-10R2																					
Date of Collection			6/29/2006		9/19/2006		12/13/2006		4/13/2007		6/21/2007		10/1/2007		12/12/2007		4/7/2008		6/18/2008		10/1/2008		12/11/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6VM10R230AA		LF6VM10R230BB		LF6VM10R230CA		LF6VM10R230DA		LF6VM10R230EA		LF6VM10R230FA		LF6VM10R230GA		LF6VM10R230HA		LF6VM10R230IA		LF6VM10R230JA		LF6VM10R230KA		LF6VM10R230LA		LF6VM10R230MA	
Depth to Water (ft)			12.92		13.33		12.27		11.40		12.15		13.22		12.61		11.47		12.27		13.01		12.49		12.02		12.46	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		1.31 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		0.120 F		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	0.18 F		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		U		U		0.110 F		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0.18**		**0**		**0**		**0**		**0**		**0**		**0.230**		**0**		**0**		**0**		**0**		**0**		**1.31**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	57.7 F	**3,500**	U	1,060	U	**2,400**	U	**2,500**	U	1,300	U	1,100	U	**2,200**	U	1,600	U	990	U	1,200	U	**3,100**	U	1,500	U	1,600 ♦
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.3 F	18.1 F	2.59 F	8.13 F	2.4 F	13 F	1.4 F	1.4 F	2.2 F	8.2 F	1.7 F	6.3 F	2.4 F	13 F	2.0 F	9.3 F	1.6 F	7.2 F	1.9 F	7.8 F	2.4 F	16 F	U	8.4 F	U	9.6 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	0.11 F	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	13.9	13.1	NA	NA	NA	NA	NA	NA	7.8 F	8.5 F	NA	NA	NA	NA	7.9 F	12	8.5 F	6.6 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	25,700	26,300	26,800	27,900	26,000	27,000	25,000	29,000	26,000	27,000	26,000	28,000	25,000	27,000	26,000	27,000	28,000	28,000	26,000	28,000	26,000	29,000	26,000	27,000	27,000	27,000
chromium	50	10	1.6 F	4.9 F	U	U	U	3.9 F	U	4.3 F	2.3 F	3.3 F	U	1.6 F	2.0 F	5.4 F	U	3.5 F	U	U	2.3 F	4.2 F	2.9 F	6.0 F	U	3.4 F	U	3.1 F
cobalt	--	60	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	8.8 F	U	3.31 F	2.4 F	9.8 F	U	7.6 F	U	4.0 F	U	2.0 F	U	4.0 F	U	5.4 F	U	2.9 F	U	3.2 F	U	7.8 F	U	8.5 F	U	4.8 F
iron	300	200	21.9 F	**4,510**	U	**1,540**	5.5 F	**3,300**	110 F	**3,500**	9.7 F	**1,900**	U	**1,300**	U	**2,200**	U	**2,200**	U	**1,200**	U	**1,300**	U	**3,800**	U	**2,100**	U	**2,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	0	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	6,850	7,650	6,970	7,480	7,200	7,900	6,600	8,100	6,900	7,500	6,900	7,400	6,900	7,400	6,900	7,700	7,500	7,600	7,100	7,700	7,300	8,600	6,900	7,800	7,400	7,800
manganese	300	10	2.3 F	194	U	74.2	U	140	U	160	U	96	U	6.4 F	U	100	U	97	U	76	U	73	U	180	U	100	U	100
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	3.9 F	U	1.92 F	U	3.0 F	U	2.4 F	U	1.8 F	U	1.5 F	U	2.1 F	U	2.3 F	U	U	U	2.0 F	U	3.5 F	U	U	U	U
potassium	--	1,000	942 F	1,850	637 F	972 F	620 F	1,400	500 F	1,600	670 F	1,100	660 F	1,000	730 F	1,500	630 F	1,200	630 F	920 F	630 F	1,100	670 F	1,700	590 F	1,100	620 F	1,200
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	1.11 F	0.93 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	3,390 J	2,010 J	2,210	2,240	2,400	2,400	2,300	2,500	2,300	2,400	2,300	2,400	2,200	2,300	2,200	2,300	2,100 B	2,100 B	2,000 B	2,100	2,000	2,200	2,000	2,100	2,100	2,100
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.9 F	0.89 F	2.59 F	U	4.7 F	0.91 F	4.8 F	U	2.4 F	U	1.7 F	U	3.6 F	U	2.9 F	U	1.9 F	U	2.1 F	U	5.6 F	U	2.6 F	U	3.2 F
zinc	2,000	20	5.4 F	14.9 F	33.4 B	33.4 B	13 F	24	U	16 F	U	7.7 F	8.3 F	13 F	38 B	51 B	10 F	20 B	1.1 F	16 F	10 F	19 F	78 B	81 B	U	1.6 F	U	12 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	93.8		84		86		82		82		80		86		92		80		88		80		80		78	
ammonia	2	0.2	U		0.023 F		U		U		0.025 F		0.011 F		U		0.014 F		0.047 F		0.019 F		U		0.029 F		U	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		U		U		U		U		U		U		0.018 F		0.024 F		0.016 F		UJ		0.033 F		0.037 F	
COD	--	5	12 B		9.2 F		U		19		11 B		U		6.3 F		8.5 F		6.3 F		U		8.2 F		8.2 F		6.7 F	
chloride	250	1	2.7		2.5		2.1		2.1		2.4		2.4		2.3		3.4		5.0		3.6		4.1		4.1		5.0	
color	15	5	**140**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		0.010 F		0.0050 F		NA		NA		NA		NA	
Fluoride	1.5	1																										
hardness, Total	--	1	86.7		130		100		96		92		92		120		92		420		120		120		110		100	
nitrate	10	1	0.29 F		0.24 F		0.47		0.17		0.16 B		0.16 B		0.055 F		0.23		0.39		0.19		0.14		0.77		0.90	
TKN	1	0.2	0.076 F		U		U		0.076 F		U		0.38 B		U		U		U		U		U		U		U	
sulfate	250	1	10.9		12		11		12		13		12		12		13		15		14		13		14		14	
TDS	500	10	148		120		140		70		130		120		130		120		120		130		93		130		140	
TOC	--	1	0.45 F		U		0.73 F		U		0.76 F		0.54 F		0.59 F		1.3		U		0.49 F		U		U		0.51 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-10R2																			
Date of Collection			**9/15/2009**		**3/24/2010**	**9/16/2010**	**6/7/2011**															
Sample ID No.			**LF6VM10R230NA**		**LF6VM10R230OA**	**LF6VM10R230PA**	**LF6VM10R230PA**															
Depth to Water (ft)			**13.29**		**12.78**	**14.11**	**11.97**															
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U	U	NA															
1,1-dichloroethene	5*	1	U		U	U	NA															
1,2-dichloroethane	0.6	1	U		U	U	NA															
1,4-dichlorobenzene	3	0.5	U		U	U	NA															
acetone	50	10	U		U	1.51 FB	NA															
benzene	1	0.1	U		U	U	NA															
carbon disulfide	1,000	0.5	U		U	U	NA															
chloroform	7	0.3	U		U	U	NA															
chloromethane	5*	1	U		U	U	NA															
cis-1,2-dichloroethene	5*	1	U		U	U	NA															
dichlorodifluoromethane	5*	1	U		U	U	NA															
hexachlorobutadiene	0.5*	0.6	U		U	U	NA															
methylene chloride	5*	1	U		U	U	NA															
trichloroethene (TCE)	5*	1	U		U	U	NA															
toluene	5*	1	U		U	U	NA															
trans-1,2-dichloroethene	5*	1	U		U	U	NA															
trichlorofluoromethane	5*	1	U		U	U	NA															
vinyl chloride	2	1	U		U	U	NA															
xylenes, Total	--	1.5	U		U	U	NA															
Total VOCs (µg/L)			**0**		**0**	**1.51**	NA															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	220	740	690	1,700	NA															
antimony	3	50	U	U	U	U	NA															
arsenic	25	30	U	U	U	U	NA															
barium	1,000	50	2.9 F	5.4 F	4.7 F	9.4 F	NA															
beryllium	3	4	U	U	U	U	NA															
boron	1,000	110	U	U	8.1 F	NA	NA															
cadmium	5	5	U	U	U	U	NA															
calcium	--	1,100	28,000	29,000	28,000	34,000	NA															
chromium	50	10	U	U	U	U	NA															
cobalt	--	60	U	U	U	U	NA															
copper	200	10	U	U	U	U	NA															
iron	300	200	230	**940**	**820**	**2,500**	NA															
lead	25	25	U	U	U	U	NA															
magnesium	35,000	1,000	7,500	7,900	7,500	9,400	NA															
manganese	300	10	19	61	40	120	NA															
mercury	0.7	1	U	U	U	U	NA															
molybdenum	--	15	U	U	U	U	NA															
nickel	100	20	U	U	U	2.5 F	NA															
potassium	--	1,000	730 F	930 F	810 F	1,400	NA															
selenium	10	30	U	U	U	U	NA															
silver	50	10	U	U	U	U	NA															
sodium	20,000	1,000	2,200	2,200	2,300 B	2,400	NA															
thallium	0.5	80	U	U	U	U	NA															
vanadium	--	10	U	U	U	2.7 F	NA															
zinc	2,000	20	4.1 F	11 F	8.4 F	12 F	NA															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	80		82	80	88															
ammonia	2	0.2	U		U	U	0.25 F															
BOD5	--	2.4	U		U	U	U															
bromide	2	0.5	0.044 F		0.067 F	U	0.12 F															
COD	--	5	U		U	U	U															
chloride	250	1	4.6		3.5	7.4	7.0															
color	15	5	NA		U	NA	U															
cyanide, Total	200	0.02	NA		NA	U	NA															
Fluoride	1.5	1	|		|	|	U															
hardness, Total	--	1	110		100	120	120															
nitrate	10	1	0.68		0.6	0.64 F	0.89															
TKN	1	0.2	U		0.20 B	0.16 FB	0.42 F															
sulfate	250	1	14		14	19	22															
TDS	500	10	130		110	110	150															
TOC	--	1	0.48 F		U	1.1	8															
phenolics, Total	--	0.005	U		U	U	NA															

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-12																							
Date of Collection			6/29/2006		9/19/2006		12/13/2006		4/17/2007		6/25/2007		10/1/2007		12/12/2007		4/7/2008		6/18/2008		10/2/2008		12/11/2008		4/16/2009		7/1/2009	
Sample ID No.			LF6M1246AA		LF6M1246BB		LF6M1246CA		LF6M1246DA		LF6M1246EA		LF6M1246FA		LF6M1246GA		LF6M1246HA		LF6M1246IA		LF6M1246JA		LF6M1246KA		LF6M1246LA		LF6M1246MA	
Depth to Water (ft)			4.48		4.91		3.90		2.90		3.89		4.85		4.2		3.29		3.91		4.06		4.12		3.74		4.15	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		0.63 F		U		0.490 F		U		0.530 F		U		0.490 F		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	0.76 F		U		U		U		U		U		U		U		U		**66.0 F**		U		U		U	
benzene	1	0.1	0.62		0.47 F		U		0.360 F		U		0.390 F		U		0.310 F		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		6.00 F		U		U		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	**470**		**264**		**275**		**192 J**		**175**		**179**		**163**		**158**		**138**		**160**		**266**		**120**		**117**	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		**6.00 F**		U		U		U		U		4.50 F		U		U		U	
trichloroethene (TCE)	5*	1	**1,500**		**942**		**1,060 J**		**851 J**		**702**		**741**		**791**		**767**		**727**		**664**		**523**		**653**		**709**	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	**16**		**12.8**		**8.75 F**		4.68		**9.00 F**		**14.9**		**20.2 F**		**5.31**		**8.25**		**28.5**		**11 F**		4.75 F		**6.00 F**	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	**2.7**		**2.4**		U		1.27		U		1.57		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		2.50 F		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1,990.08**		**1,222.30**		**1,348.75**		**1,049.80**		**892.00**		**937.39**		**974.2**		**931.11**		**873.25**		**929.00**		**800**		**777.75**		**832**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	58.2 F	80.8 F	U	55.1 F	U	U	45 F	U	U	U	U	U	U	U	U	U	U	U	67 F	120 F	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	2.3 F	1.6 F	U	U	2.0 F	1.7 F	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	3.9 F	3.6 F	2.59 F	3.13 F	2.1 F	3.7 F	2.7 F	2.1 F	2.8 F	2.9 F	1.8 F	2.0 F	3.1 F	2.8 F	3.2 F	3.0 F	2.1 F	2.1 F	10 F	9.9 F	18 F	18 F	17 F	18 F	17 F	17 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	126	115	NA	NA	NA	NA	NA	NA	100	110	NA	NA	NA	NA	110	100	100	100	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	134,000	126,000	127,000	130,000	130,000	130,000	120,000	120,000	120,000	120,000	110,000	120,000	130,000	120,000	130,000	130,000	130,000	130,000	25,000	24,000	81,000	83,000	110,000	110,000	120,000	120,000
chromium	50	10	U	1.1 F	2.43 F	3.43 F	3.0 F	3.4 F	6.1 F	2.4 F	3.6 F	4.0 F	3.5 F	3.4 F	6.1 F	5.6 F	5.2 F	6.0 F	3.1 F	2.6 F	U	1.5 F	5.6 F	6.1 F	4.0 F	5.2 F	3.4 F	3.7 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.4 F	18	U	7.23 F	U	4.2 F	U	5.4 F	U	U	U	U	U	U	U	U	U	U	3.5 F	13	U	8.7 F	U	U	U	U
iron	300	200	19 F	228	38.8 F	139	37 F	51 F	16 F	46 F	10 F	1.5 F	39 F	39 F	21 F	53 F	13 F	20 F	17 F	27 F	71 F	130 F	**360**	**400**	**450**	**450**	**480**	**480**
lead	25	25	7.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	30,000	28,500	28,600	29,000	27,000	27,000	25,000	25,000	25,000	25,000	25,000	25,000	28,000	26,000	29,000	29,000	29,000	29,000	7,200	6,900	28,000	27,000	30,000	30,000	29,000	29,000
manganese	300	10	**4,450**	**4,890**	**4,640**	**4,840**	**4,400**	**4,400**	**4,400**	**4,400**	**4,600**	**4,600**	**4,800**	**4,900**	**5,200**	**5,000**	**5,000**	**5,000**	**5,000**	**4,900**	**2,700**	**2,700**	**4,200**	**4,200**	**4,600**	**4,400**	**4,500**	**4,500**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.4 F	U	U	U	U	U	U	U	U	U	3.0 F	3.5 F	4.9 F	4.8 F	U	U	U	U	56	53	U	5.1 F	U	U	U	U
nickel	100	20	3.7 F	2.5 F	U	U	U	1.3 F	U	U	U	1.3 F	2.9 F	U	1.2 F	1.3 F	1.2 F	1.2 F	U	U	U	U	U	U	U	U	U	U
potassium	--	1,000	6,990	6,720	5,110	5,440	4,900	5,600	5,300	5,200	4,600	4,700	4,200	4,400	4,700	4,600	4,700	4,700	4,400	4,400	2,200	2,100	4,200	4,300	4,600	4,700	4,600	4,500
selenium	10	30	U	U	U	U	4.2 F	5.9 F	U	U	U	U	U	U	U	3.0 F	U	U	U	U	3.6 F	3.6 F	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	18,000	15,300	16,200	16,600	17,000	17,000	18,000	18,000	18,000	18,000	18,000	18,000	**21,000**	20,000	**24,000**	**24,000**	**29,000**	**29,000**	**73,000**	**70,000**	**33,000**	**33,000**	**26,000**	**26,000**	**26,000**	**26,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	11.5	8.5 F	20.2 B	24.5 B	5.4 F	7.0 F	8.5 F	11 F	U	U	50 B	22 B	27 B	49 B	12 F	12 F	15 F	20	11 F	14 F	17 F	73 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	431		350		340		330		320		290		310		330		350		120		210		290		310	
ammonia	2	0.2	0.013 F		0.051 B		0.041 F		0.073		0.078		0.068		0.062		0.065		0.10 B		0.11 B		0.098		0.12 B		0.085	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		63 F		28		U		U	
bromide	2	0.5	U		0.09 F		U		0.15		0.10 F		0.12		0.21		0.24		0.16		0.17 F		U		0.17 F		0.18 F	
COD	--	5	U		U		16		13 B		24 B		8.5 F		13 B		11		8.5 F		110		35		10		14	
chloride	250	1	38		44		49		49		55		52		66		75		58		63		75		70		64	
color	15	5	13		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		0.0087 F		0.0093 F		NA		NA		NA		NA	
Fluoride	1.5	1																										
hardness, Total	--	1	212		470		420		410		400		380		550		24		110		96		310		400		420	
nitrate	10	1	0.05 F		U		U		U		U		U		U		0.015		0.016 F		U		U		U		0.030 F	
TKN	1	0.2	U		0.082 F		0.059 F		U		0.058 F		0.14 F		0.071 F		0.092 F		0.14 F		0.64		0.28		0.18 F		0.22	
sulfate	250	1	56.9		59		55		53		60		68		72		66		82		23		55		79		70	
TDS	500	10	**564**		**520**		**540**		**510**		**510**		**1000**		**530**		**540**		**530**		310		430		**550**		**570**	
TOC	--	1	2.2		1.7		2.0		1.6		1.5		1.8		1.7		1.8		1.6		33		8.3		1.6		1.7	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.0013 F		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6MW-12																	
Date of Collection			**9/16/2009**		**3/24/2010**	**9/16/2010**	**6/8/2011**													
Sample ID No.			**LF6M1246NA**		**LF6M1246OA**	**LF6M1246PA**	**LF6M1246PA**													
Depth to Water (ft)			**4.77**		**4.20**	**6.55**	**3.75**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	U													
1,1-dichloroethene	5*	1	U		U	U	2.1													
1,2-dichloroethane	0.6	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	U		U	**226 FB**	**55**													
benzene	1	0.1	U		U	U	0.28 F													
carbon disulfide	1,000	0.5	U		U	3.50 F	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	5*	1	U		U	U	U													
cis-1,2-dichloroethene	5*	1	**174**		**241**	**972**	**530**													
dichlorodifluoromethane	5*	1	U		U	U	U													
hexachlorobutadiene	0.5*	0.6	U		U	U	U													
methylene chloride	5*	1	U		U	U	U													
trichloroethene (TCE)	5*	1	**711**		**655**	**14.5 F**	**220**													
toluene	5*	1	U		U	U	U													
trans-1,2-dichloroethene	5*	1	**9.25 F**		**7.25 F**	5.00 F	**6.2**													
trichlorofluoromethane	5*	1	U		U	U	U													
vinyl chloride	2	1	U		U	U	**4.7**													
xylenes, Total	--	1.5	U		U	U	U													
Total VOCs (µg/L)			**894.25**		**903.25**	**1221**	**818.28**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	14 F	14 F	17 F	24 F	NA													
beryllium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	76	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	120,000	120,000	130,000	180,000	NA													
chromium	50	10	U	5.4 F	U	5.4 F	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	**480**	**420**	**590**	**1,000**	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	27,000	28,000	29,000	30,000	NA													
manganese	300	10	**4,400**	**4,400**	**5,000**	**15,000**	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	4,300	4,500	4,500	4,700	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**24,000**	**25,000**	**24,000**	**53,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	8.5 F	5.4 F	70 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	300		310	430	420													
ammonia	2	0.2	0.068		0.034 F	U	0.20 F													
BOD5	--	2.4	U		10	550 F	U													
bromide	2	0.5	0.12 F		0.4	U	0.20 F													
COD	--	5	14		22	1,300	54													
chloride	250	1	68		110	78	85													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		NA	U	U													
Fluoride	1.5	1	|		|	|	**3.1**													
hardness, Total	--	1	420		450	580	460													
nitrate	10	1	U		U	U	U													
TKN	1	0.2	U		0.63 B	0.73	0.60 F													
sulfate	250	1	62		66	14	50													
TDS	500	10	**510**		**540**	**770**	**640**													
TOC	--	1	3		4.5	270	12													
phenolics, Total	--	0.005	U		U	U	U													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17D																							
Date of Collection			6/28/2006		9/18/2006		12/12/2006		4/13/2007		6/21/2007		9/28/2007		12/10/2007		4/3/2008		6/18/2008		10/1/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6VM17D48AA		LF6VM17D48BB		LF6VM17D48CA		LF6VM17D48DA		LF6VM17D48EA		LF6VM17D48FA		LF6VM17D48GA		LF6VM17D48HA		LF6VM17D48IA		LF6VM17D48JA		LF6VM17D48KA		LF6VM17D48LA		LF6VM17D48MA	
Depth to Water (ft)			13.00		13.41		11.22		9.30		12.18		14.25		12.92		9.88		12.15		13.68		12.05		10.29		12.11	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		0.180 F		U		U		U		U		U	
acetone	50	10	1.1 F		1.12 F		U		U		U		U		U		U		U		U		U		U		5.06 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UF		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		0.42 F		U		U		U		U		0.170 F		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		0.190 F	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1.1**		**1.54**		**0**		**0**		**0**		**0**		**0.170**		**0.180**		**0**		**0**		**0**		**0**		**5.25**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.4 F	555	U	146 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	47 F	U	40 B	U	U	U	55 F
antimony	3	50	U	U	U	U	U	U	1.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	8.8 F	13.1 F	9.59 F	9.76 F	10 F	9.4 F	13 F	13 F	9.4 F	9.2 F	8.5 F	8.0 F	12 F	11 F	10 F	9.8 F	8.4 F	7.8 F	7.9 F	8.1 F	8.5 F	11 F	8.3 F	7.8 F	7.2 F	8.0 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	13	10.8	NA	NA	NA	NA	NA	NA	6.8 F	7.2 F	NA	NA	NA	NA	6.1 F	4.8 F	6.0 F	5.4 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	28,000	30,900	35,000	34,600	35,000	35,000	46,000	45,000	34,000	33,000	31,000	30,000	37,000	37,000	41,000	40,000	34,000	32,000	28,000	29,000	30,000	31,000	31,000	31,000	28,000	29,000
chromium	50	10	4.9 F	9.6 B	U	6.85 F	2.6 F	2.7 F	3.8 F	1.6 F	2.6 F	3.5 F	2.2 F	2.3 F	2.9 F	2.0 F	U	U	U	U	2.0 F	3.3 F	U	22	U	U	U	3.7 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	5.2 F	U	U	2.4 F	2.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.0 F	U	U	U	U
iron	300	200	U	**833**	U	96.6	7.2 F	42 F	U	U	U	U	U	U	U	U	U	U	U	8.1 F	U	16 F	U	**520**	U	27 F	U	16 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	7,870	8,420	9,680	9,260	10,000	10,000	12,000	12,000	9,600	9,400	9,400	9,100	11,000	10,000	11,000	11,000	9,700	9,100	8,600	8,700	8,800	9,000	9,000	8,600	8,100	8,400
manganese	300	10	0.3 F	35.4	U	3.36 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	21	U	U	U	U
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	9.9 F	U	U	2.8 F	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	11 F	U	U	U	U
potassium	--	1,000	1,190	1,420	745 F	891 F	700 F	660 F	850 F	760 F	740 F	820 F	720 F	750 F	770 F	740 F	660 F	620 F	560 F	540 F	600 F	630 F	570 F	670 F	580 F	530 F	440 F	610 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	1.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,320	1,910	1,780	1,790	1,800	1,700	1,800	1,800	1,900	2,000	2,000	2,100	2,000	2,000	1,900 B	1,800 B	1,800 B	1,800 B	1,600	1,700 B	1,600 B	1,700 B	1,600	2,600	1,500	1,600
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1.6 F	U	U	U	U	0.72 F	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	U	6.4 F	15.8 F	17.1 F	7.7 F	9.3 F	U	U	U	U	48 B	51 B	35 B	35 B	11 F	11 F	11 F	12 F	10 F	11 F	65 B	49 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	110		120		150		150		110		100		120		130		120		92		110		110		96	
ammonia	2	0.2	U		U		U		U		0.026 F		U		0.025 F		U		0.043 F		0.027 F		U		U		0.13	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		U		U		U		U		U		U		U		U		U		UJ		U		U	
COD	--	5	U		U		9.4 F		19		8.5 F		U		4.1 F		8.5 F		U		U		U		28		U	
chloride	250	1	2.9		3		2.5		2.3		2.4		2.1		2.0		2.0		1.9		1.7		3.4		1.7		1.6	
color	15	5	**50**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		0.0043 F		0.0047 F		NA		NA		NA		NA	
Fluoride	1.5	1	|		|		|		|		|		|		|		|		|		|		|		|	
hardness, Total	--	1	99.5		130.0		130		160		120		76		140		140		120		120		120		120		110	
nitrate	10	1	0.13 F		0.18 F		0.18		0.21		0.16 B		0.15 B		0.22		0.19		0.16		0.14		0.17		0.18		0.15	
TKN	1	0.2	0.38		U		U		U		U		U		0.060 F		U		U		0.12 F		U		U		0.16 F	
sulfate	250	1	7.8		8.3		8.2		8.6		8.5		8.2		8.2		8.6		8.3		8.3		8.5		8.9		8.5	
TDS	500	10	135		150		150		170		150		140		130		140		99		100		140		81		120	
TOC	--	1	0.44 F		0.72 F		0.87 F		0.97 F		0.54 F		0.71 F		0.80 F		0.86 F		U		0.44 F		0.64 F		U		U	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0021 F		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17D																			
Date of Collection			**9/14/2009**		**3/22/2010**		**9/15/2010**		**6/7/2011**													
Sample ID No.			**LF6VM17D48NA**		**LF6VM17D48OA**		**LF6VM17D48PA**		**LF6VM17D48PA**													
Depth to Water (ft)			**14.00**		**12.06**		**15.05**		**9.86**													
VOCs (µg/L)																						
1,1,1-trichloroethane	5*	1	U		U		U		NA													
1,1-dichloroethene	5*	1	U		U		U		NA													
1,2-dichloroethane	0.6	1	U		U		U		NA													
1,4-dichlorobenzene	3	0.5	U		U		U		NA													
acetone	50	10	U		U		1.97 FB		NA													
benzene	1	0.1	U		U		U		NA													
carbon disulfide	1,000	0.5	U		U		U		NA													
chloroform	7	0.3	U		U		U		NA													
chloromethane	5*	1	U		U		U		NA													
cis-1,2-dichloroethene	5*	1	U		U		U		NA													
dichlorodifluoromethane	5*	1	U		U		U		NA													
hexachlorobutadiene	0.5*	0.6	U		U		U		NA													
methylene chloride	5*	1	U		U		U		NA													
trichloroethene (TCE)	5*	1	U		U		U		NA													
toluene	5*	1	U		U		U		NA													
trans-1,2-dichloroethene	5*	1	U		U		U		NA													
trichlorofluoromethane	5*	1	U		U		U		NA													
vinyl chloride	2	1	U		U		U		NA													
xylenes, Total	--	1.5	U		U		U		NA													
Total VOCs (µg/L)			**0**		**0**		**1.97**		NA													
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	2,000	200	U	U	U		U		NA													
antimony	3	50	U	U	U		U		NA													
arsenic	25	30	U	U	U		U		NA													
barium	1,000	50	7.1 F	6.4 F	9.1 F		7.1 F		NA													
beryllium	3	4	U	U	U		U		NA													
boron	1,000	110	U	U	11 B		NA		NA													
cadmium	5	5	U	U	U		U		NA													
calcium	--	1,100	26,000	26,000	31,000		23,000		NA													
chromium	50	10	U	U	U		4.4 F		NA													
cobalt	--	60	U	U	U		U		NA													
copper	200	10	U	U	U		U		NA													
iron	300	200	U	U	U		U		NA													
lead	25	25	U	U	U		U		NA													
magnesium	35,000	1,000	8,000	7,800	8,900		6,900		NA													
manganese	300	10	U	U	U		U		NA													
mercury	0.7	1	U	U	U		U		NA													
molybdenum	--	15	U	U	U		U		NA													
nickel	100	20	U	U	U		U		NA													
potassium	--	1,000	520 F	450 F	580 F		720 F		NA													
selenium	10	30	U	U	U		U		NA													
silver	50	10	U	U	U		U		NA													
sodium	20,000	1,000	1,600	1,600	1,900 B		1,400		NA													
thallium	0.5	80	U	U	U		U		NA													
vanadium	--	10	U	U	U		U		NA													
zinc	2,000	20	U	U	U		5.7 F		NA													
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	86		98		84		91													
ammonia	2	0.2	U		U		U		0.079 F													
BOD5	--	2.4	U		U		U		U													
bromide	2	0.5	1.6		U		U		U													
COD	--	5	U		U		U		U													
chloride	250	1	1.6		1.5		1.5		1.3 F													
color	15	5	NA		U		NA		U													
cyanide, Total	200	0.02	NA		0.0083 F		U		NA													
Fluoride	1.5	1	|		|		|		U											
hardness, Total	--	1	110		110		85		100													
nitrate	10	1	0.15 B		0.16 B		U		0.16 F													
TKN	1	0.2	U		0.23 B		0.16 FB		0.38 F													
sulfate	250	1	8.7		9.3 B		9.5		10													
TDS	500	10	100		98 B		100		110													
TOC	--	1	0.52 F		0.60 FB		U		0.49 F													
phenolics, Total	--	0.005	U		U		U		NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17S																							
Date of Collection			6/28/2006		9/18/2006		12/15/2006		4/13/2007		6/21/2007		9/28/2007		12/10/2007		4/3/2008		6/18/2008		10/2/2008		12/9/2008		4/15/2009		6/29/2009	
Sample ID No.			LF6VM17S13AA		LF6VM17S12BB		LF6VM17S12CA		LF6VM17S12DA		LF6VM17S12EA		LF6VM17S12FA		LF6VM17S12GA		LF6VM17S15HA		LF6VM17S15IA		LF6VM17S13JA		LF6VM17S13KA		LF6VM17S15LA		LF6VM17S15MA	
Depth to Water (ft)			--		12.26		9.27		7.77		11.08		13.40		12.07		6.38		11.08		12.78		10.60		8.77		10.89	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	1.3 F		U		U		1.70 F		U		U		2.07		U		U		U		U		1.37 F		4.61 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		0.340 F		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UF		U		UF		UF		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		0.190 F	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1.3**		**0**		**0**		**1.7**		**0**		**0**		**2.07**		**0**		**0**		**0**		**0.34**		**1.37**		**4.8**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	331 B	361	290	1,650	720	760	900	1,000	590	590	470	1,300	600	**5,300**	690	730	580	520	360 B	1,100	620 B	850	890	900	570	630
antimony	3	50	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	U	
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	76.6	71.2	86.2	87.8	110	120	64	64	88	87	81	85	69	100	86	83	120	100	93	92	86	91	91	89	91	95
beryllium	3	4	U	U	U	0.47 F	0.72 F	0.64 F	0.62 F	0.57 F	0.50 F	0.45 F	0.57 F	0.67 F	0.66 F	0.89 F	0.40 F	0.39 F	0.54 F	0.50 F	0.47 F	0.55 F	0.58 F	0.59 F	0.56 F	.54 F	0.47 F	0.59 F
boron	1,000	110	12.2 J	7.9 F	NA	NA	NA	NA	NA	NA	6.7 F	5.5 F	NA	NA	NA	NA	4.2 F	3.4 F	4.2 F	4.5 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	1.9 F	1.9 F	1.84 F	U	3.9 F	3.5 F	4.2 F	3.8 F	3.2 F	2.9 F	2.7 F	2.8 F	2.6 F	2.2 F	2.7 F	2.6 F	3.3 F	3.0 F	2.1 F	2.3 F	2.1 F	2.2 F	3.1 F	3.0 F	1.9 F	2.7 F
calcium	--	1,100	11,900	11,600	10,500	10,600	9,100	9,300	8,500	8,500	8,500	8,400	8,000	7,900	8,300	8,800	8,100	7,900	10,000	8,900	8,100	7,900	8,600	9,100	8,900	8700	8,300	8,700
chromium	50	10	0.5 F	1.1 F	U	17.7	U	U	1.8 F	3.4 F	U	U	U	6.2 F	U	25	U	U	U	U	U	8.3 F	U	5.6 F	U	U	U	U
cobalt	--	60	6.1 F	6.2 F	U	7.49 F	8.4 F	6.4 F	U	U	U	U	8.8 F	9.3 F	6.8 F	U	7.5 F	6.6 F	U	U	U	7.1 F	U	U	7.3 F	7.0 F	U	6.9 F
copper	200	10	U	2.2 F	U	2.55 F	4.9 F	6.2 F	3.2 F	3.6 F	U	2.1 F	U	3.4 F	6.0 F	14	4.4 F	5.3 F	U	U	U	2.9 F	U	U	3.2 F	4.6 F	U	U
iron	300	200	18 F	128 F	14.6 F	**3,170**	**1,700**	**2,000**	75 F	210	19 F	39 F	110 F	**3,600**	19 F	**13,000**	140 F	190 F	17 F	3.3 F	11 F	**2,700**	14 F	**930**	12 F	110 F	U	16 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	1,860	1,900	1,820	2,050	1,800	1,800	1,800	1,800	1,900	1,800	1,600	1,700	1,600	2,300	1,600	1,600	2,300	2,000	1,600	1,700	1,900	2,100	1,800	1,800	1,800	2,000
manganese	300	10	**524**	**536**	291	**336**	**320**	**340**	120	120	230	220	**540**	**530**	240	**330**	290	280	**390**	**310**	270	280	230	240	260	260	180	190
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	12.3 F	12.8 F	13.4 F	21.5	7.6 F	9.1 F	3.7 F	5.5 F	17 F	17 F	19 F	19 F	12 F	26	6.7 F	9.5 F	11 F	10 F	11 F	14 F	7.7 F	10 F	7.8 F	8.7 F	7.4 F	7.9 F
potassium	--	1,000	337 F	270 F	380 F	789 F	220 F	210 F	U	U	U	U	230 F	320 F	220 F	730 F	170 F	160 F	190 F	200 F	210 F	390 F	U	U	230 F	230 F	U	250 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,520 J	1,850 J	2,280	2,090	1,500	1,000 B	1,300	1,300	1,400	1,400	1,400	1,300	1,400	1,400	6,000	5,500	1,900 B	1,700 B	2,200 B	1,800 B	1,400 B	1,500 B	3,300	3,300 B	1,300	1,500
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	2.36 F	U	U	U	U	U	U	U	U	U	4.0 F	U	U	U	U	U	0.84 F	U	U	U	U	U	U
zinc	2,000	20	13.5 F	12.2 F	34.2 B	52 B	31	39 B	21	23	24	27	69 B	59 B	74 B	83 B	35 B	32 B	39	35	31 B	33 B	62 B	68 B	23	22	21	22
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	3.9 F		U		U		U		U		U		U		U		U		U		U		U		U	
ammonia	2	0.2	U		U		0.10		0.014 F		0.041 F		0.034 F		0.038 F		0.038 F		0.050 B		0.014 F		U		0.036 F		U	
BOD5	--	2.4	UJ		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		U		U		U		U		U		U		U		U		U		UJ		U		U	
COD	--	5	12.3		14 B		24 B		26		17 B		20		28 B		6.3 F		17		15		6.0 F		U		9.0 F	
chloride	250	1	1.9		0.66 F		0.46 F		0.78 F		0.72 F		0.77 F		0.74 F		0.62 F		0.52 F		0.62 F		2.4		0.52 F		0.63 F	
color	15	5	U		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		0.012 F		U		NA		NA		NA		NA	
Fluoride	1.5	1	|		|		|		|		|		|		|		|		|		|		|		|	
hardness, Total	--	1	31.9		80 B		36		72		28		U		150.0		28		40		32		44		56		44	
nitrate	10	1	1		1.1		1.3		1.3		1.6		1.0		1.3		1.9		3.0		1.5		3.3		4.2		3.5 J	
TKN	1	0.2	0.058 F		0.19 F		0.31 F		0.16 F		0.11 F		0.33		0.63		0.42		0.078 F		0.36		0.13 F		0.45 B		0.21	
sulfate	250	1	33.9		33		30		25		25		24		25		26		22		21		18		20		16	
TDS	500	10	87		100		87		50		60		63		36		74		82		59		57		62		62	
TOC	--	1	2.5		3.9		5.5		4.3		3.7 B		5.5		4.7		8.9		5.1		4.5		3.9		8.4		3.7	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0018 F		U		0.0014 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-17S																	
Date of Collection			**9/15/2009**		**3/22/2010**	**9/15/2010**	**6/7/2011**													
Sample ID No.			**LF6VM17S13NA**		**LF6VM17S15OA**	**LF6VM17S15PA**	**LF6VM17S15PA**													
Depth to Water (ft)			**13.03**		**10.60**	**14.12**	**8.27**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		U	2.48 FB	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	U		U	U	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**0**		**0**	**2.48**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	360	**3,200**	610	1,600	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	67	81	66	51	NA													
beryllium	3	4	0.38 F	0.59 F	0.44 F	0.56 F	NA													
boron	1,000	110	U	U	8.7 F	NA	NA													
cadmium	5	5	1.2 F	1.5 F	1.9 F	2.0 F	NA													
calcium	--	1,100	7,700	8,000	9,300	8,800	NA													
chromium	50	10	U	17	U	U	NA													
cobalt	--	60	U	U	4.4 F	4.2 F	NA													
copper	200	10	U	5.7 F	U	U	NA													
iron	300	200	11 F	**9,300 F**	87 F	**6,300**	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	1,700	2,000	1,900	1,900	NA													
manganese	300	10	**390**	**420**	170	170	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	7.6 F	16 F	6.4 F	5.5 F	NA													
potassium	--	1,000	U	440 F	U	370 F	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	1,100	1,100	1,300	860 F	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	18 F	21	22	19 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	80		U	U	1.8 F													
ammonia	2	0.2	0.018 F		U	U	0.20													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	U		U	U	U													
COD	--	5	25		12 B	17	34 F													
chloride	250	1	0.70 F		0.95 F	1.4	0.46 F													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0081 F	U	NA													
Fluoride	1.5	1	|		|	|	0.063 F													
hardness, Total	--	1	24		31	30	47													
nitrate	10	1	3.0		4.4	4.5 F	3.4													
TKN	1	0.2	0.56		0.27 B	0.72 B	0.58 F													
sulfate	250	1	15		15 B	11	21													
TDS	500	10	65		52 B	78	67													
TOC	--	1	4.8		3.2 B	3.1 B	8.6													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-18																					
Date of Collection			6/28/2006		9/18/2006		12/12/2006		4/13/2007		6/21/2007		9/28/2007		12/12/2007		4/3/2008		6/18/2008		9/30/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6VM1850AA		LF6VM1850BB		LF6VM1850CA		LF6VM1850DA		LF6VM1850EA		LF6VM1850FA		LF6VM1850GA		LF6VM1850HA		LF6VM1850IA		LF6VM1850JA		LF6VM1850KA		LF6VM1850LA		LF6VM1850MA	
Depth to Water (ft)			11.28		11.67		10.58		9.61		10.31		11.43		9.97		9.78		10.50		11.29		10.97		10.28		10.70	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		0.200 F		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		7.00 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UF		U	
chloroform	7	0.3	U		U		U		U		U		U		U		0.120 F		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		0.400 F		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		U		U		0.110 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		0.210 F	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0**		**0**		**0**		**0**		**0.110**		**0.320**		**0**		**0**		**0.400**		**0**		**8.350**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	59.3 F	1,640	U	155 F	U	370	U	120 F	U	100 F	U	130	U	150 F	U	52 F	U	U	41 F	74 F	U	290 B	U	U	U	43 F
antimony	3	50	U	U	U	U	U	U	U	1.6 F	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	253	248	266	265	250	260	260	270	270	270	260	270	250	250	250	250	290	280	290	280	270	270	270	270	290	290
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	19.8	17.1	NA	NA	NA	NA	NA	NA	14	13	NA	NA	NA	NA	12	13	12	14	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	76,800	79,300	79,300	79,900	80,000	81,000	79,000	81,000	81,000	82,000	77,000	81,000	77,000	76,000	75,000	77,000	86,000	84,000	84,000	81,000	78,000	80,000	73,000	72,000	77,000	80,000
chromium	50	10	U	8.2 F	2.27 F	8.14 F	5.1 F	7.8 F	6.4 F	5.2 F	5.3 F	5.7 F	4.2 F	5.6 F	5.3 F	7.2 F	2.9 F	3.6 F	3.2 F	5.1 F	5.1 F	5.3 F	5.2 F	10	2.9 F	5.8 F	U	18
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	13.7	U	U	2.6 F	6.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	**2,500**	29.9 F	279	44 F	**1,000**	49 F	260	5.2 F	280	53 F	**320**	82 F	520	57 F	180 F	86 F	99 F	64 F	190 F	68 F	**870**	60 F	260	98 F	220
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**38,500**	**39,600**	**41,000**	**41,100**	**41,000**	**41,000**	**40,000**	**41,000**	**41,000**	**41,000**	**39,000**	**40,000**	**37,000**	**37,000**	**37,000**	**38,000**	**43,000**	**42,000**	**41,000**	**39,000**	**38,000**	**39,000**	**36,000**	**36,000**	**38,000**	**39,000**
manganese	300	10	96	182	116	121	110	140	120	130	120	130	120	130	130	130	130	130	140	140	140	130	130	150	130	130	130	140
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	NA	U	U
molybdenum	--	15	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	5.5 F	U	1.3 F	1.3 F	2.7 F	U	U	U	U	2.7 F	3.4 F	4.3 F	4.5 F	5.9 F	6.9 F	4.4 F	4.3 F	7.9 F	8.2 F	9.6 F	11 F	5.4 F	6.2 F	11 F	11 F
potassium	--	1,000	2,010	2,080	1,540	1,690	1,700	1,700	1,800	1,800	1,800	1,800	1,800	1,900	1,800	1,800	1,700	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,700	1,700	1,600	1,800
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	12,300 F	9,780 F	13,600	13,500	16,000	16,000	18,000	19,000	20,000	20,000	20,000	20,000	19,000	19,000	20,000	**21,000**	**21,000**	**21,000**	**25,000**	**24,000**	**26,000**	**26,000**	**28,000**	**28,000**	**31,000**	**33,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.8 F	U	U	U	U	U	0.83 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.8 F	8.8 F	14.9 F	17.4 F	4.4 F	5.4 F	U	U	U	U	52 B	32 B	32 B	51 B	9.7 F	12 F	12 F	13 F	11 F	11 F	65 B	60 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	274		260		250		260		270		270		250		220		240		250		230		210		220	
ammonia	2	0.2	U		U		U		0.016 F		0.036 F		U		U		U		0.052 B		0.014 F		U		U		U	
BOD5	--	2.4	UJ		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.044 F		U		U		0.038 F		0.049 F		0.050 F		0.038 F		0.052 F		0.047 F		UJ		0.047 F		0.039 F	
COD	--	5	14		U		9.4 F		13		8.5 F		4.1 F		6.3 F		4.1 F		20		8.2 F		U		6.0 F		U	
chloride	250	1	64.7		67		63		63		62		52		51		88		100		95		95		110		100 F	
color	15	5	**20**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		0.0098 F		U		NA		NA		NA		NA	
hardness, Total	--	1	315		410		380		360		370		320		340		340		410		380		330		340		360	
nitrate	10	1	0.655		0.14 F		0.092 F		0.11		0.24		0.21 B		0.27		0.058 F		0.082 F		0.046 F		U		U		U	
TKN	1	0.2	0.15 F		0.081 F		0.070 F		U		U		0.062 F		U		U		U		U		U		U		U	
sulfate	250	1	46.5		56		52		49		54		50		44		39		41		43		38		38		39	
TDS	500	10	420		480		470		420		**520**		330		410		290		420		480		450		430		490	
TOC	--	1	U		0.72 F		1.1		0.56 F		1.3 B		0.92 F		3.0		1.6		0.48 F		0.53 F		0.86 F		U		0.65 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-18																	
Date of Collection			**9/14/2009**		**3/22/2010**	**9/14/2010**	**6/6/2011**													
Sample ID No.			**LF6VM1850NA**		**LF6VM1850OA**	**LF6VM1850PA**	**LF6VM1850PA**													
Depth to Water (ft)			**11.81**		**11.41**	**13.58**	**10.34**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		U	2.30 F	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	U		U	U	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
m,p-xylene	5*	2	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**0**		**0**	**2.30**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	310	310	290	310	NA													
beryllium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	16	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	81,000	81,000	76,000	76,000	NA													
chromium	50	10	U	11	17	30	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	100 F	120 F	230	**310**	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	**40,000**	**39,000**	**38,000**	**38,000**	NA													
manganese	300	10	140	140	140	150	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	7.1 F	6.9 F	7.3 F	8.6 F	NA													
potassium	--	1,000	1,900	1,800	2,000	2,000	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**36,000**	**36,000**	**39,000**	**43,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	7.7 F	7.2 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	260		240	240	230													
ammonia	2	0.2	0.038 F		U	U	0.064 F													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.053 F		U	U	U													
COD	--	5	U		5.4 FB	U	U													
chloride	250	1	110		110	120	120													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0083 F	U	NA													
hardness, Total	--	1	360		350	340	320													
nitrate	10	1	0.030 F		U	U	U													
TKN	1	0.2	U		0.19 FB	0.27 B	0.47 F													
sulfate	250	1	42		39	42	39													
TDS	500	10	470		460	480	460													
TOC	--	1	0.62 F		0.67 FB	0.82 F	0.80 F													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-19																							
Date of Collection			6/28/2006		9/18/2006		12/12/2006		4/13/2007		6/20/2007		9/28/2007		12/10/2007		4/7/2008		6/18/2008		9/30/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6VM1926AA		LF6VM1926BB		LF6VM1926CA		LF6VM1926DA		LF6VM1926EA		LF6VM1926FA		LF6VM1926GA		LF6VM1926HA		LF6VM1926IA		LF6VM1926JA		LF6VM1926KA		LF6VM1926LA		LF6VM1926MA	
Depth to Water (ft)			9.03		9.37		8.31		7.02		7.65		9.03		8.78		7.38		7.95		8.90		8.68		7.96		9.30	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		0.180 F		U		U		U		U		U	
acetone	50	10	1 F		U		U		U		U		U		U		U		U		U		U		U		2.49 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		1.07		0.290 F		0.100 F		0.850		1.450		0.640		0.150 F		0.470 F		1.57		0.570		0.130 F		0.770	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		U		0.120 F		U		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		UJ		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1**		**1.07**		**0.29**		**0.1**		**0.850**		**1.570**		**0.640**		**0.330**		**0.470**		**1.570**		**0.570**		**0.130**		**3.260**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	54.6 F	**3,800**	U	258	U	180 F	99 F	89 F	U	140 F	U	U	U	U	U	U	U	2.4 F	44 F	65 F	63 F	350 B	U	U	U	48 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.4 F	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	15.4 F	40 F	25.4 F	26.6 F	24 F	26 F	25 F	24 F	31 F	32 F	41 F	4.2 F	27 F	28 F	32 F	32 F	39 F	39 F	47 F	46 F	33 F	36 F	45 F	45 F	35 F	38 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	12.4 J	9.9 F	NA	NA	NA	NA	NA	NA	11	11	NA	NA	NA	NA	10	9.1 F	7.5 F	6.7 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	0.44 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	38,000	39,400	36,400	37,600	57,000	59,000	66,000	65,000	41,000	41,000	42,000	42,000	55,000	59,000	96,000	97,000	67,000	67,000	52,000	52,000	69,000	69,000	110,000	110,000	68,000	76,000
chromium	50	10	0.9 F	**598**	2.13 F	**70.4**	2.4 F	**73**	21	19	4.8 F	**67**	6.2 F	**110**	3.9 F	49	1.7 F	12	2.0 F	27	5.2 F	**90**	3.3 F	**140**	U	19	U	12
cobalt	--	60	U	5.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	30.9	U	U	23 F	6.4 F	U	U	U	2.4 F	U	3.2 F	U	2.0 F	U	U	U	U	U	U	U	4.6 F	U	U	U	U
iron	300	200	19.6 F	**7,640**	U	**543**	17 F	**630**	160 F	180 F	5.6 F	**430**	5.2 F	**330**	U	200	5.3 F	62 F	U	110 F	18 F	**320**	U	**840**	U	140 F	U	75 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	4,100	5,620	15,000	15,000	9,300	8,900	9,200	8,900	23,000	22,000	24,000	24,000	11,000	10,000	11,000	11,000	23,000	20,000	26,000	25,000	12,000	12,000	11,000	11,000	16,000	16,000
manganese	300	10	2.2 F	**310**	U	22.4	U	31	8.2 F	8.4 F	U	21	U	3.2 F	U	4.5 F	2.0 F	4.0 F	U	3.9 F	1.9 F	5.8 F	U	21	U	3.1 F	U	1.4 F
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	4.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	11.1 F	**140**	3.24 F	9.72 F	2.2 F	11	3.2 F	5.5 F	2.9 F	6.4 F	2.4 F	4.5 F	2.0 F	3.1 F	U	1.7 F	3.0 F	3.6 F	16 F	16 F	2.6 F	9.8 F	U	U	U	U
potassium	--	1,000	554 F	1,750	557 F	753 F	680 F	720 F	760 F	670 F	750 F	780 F	910 F	870 F	820 F	760 F	800 F	800 F	770 F	720 F	890 F	900 F	840 F	900 F	790 F	770 F	670 F	750 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	1.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,300 J	1,480 J	16,300	16,100	6,300	5,400	4,500	4,500	**22,000**	**21,000**	**38,000**	**38,000**	12,000	11,000	5,800	4,800	**21,000**	18,000	**34,000**	**34,000**	13,000	13,000	7,000 J	5,700 J	20,000	18,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	9.6 F	U	U	U	1.5 F	0.81 F	U	U	U	U	0.90 F	U	0.71 F	U	U	U	U	U	0.96 F	U	U	U	U	U	U
zinc	2,000	20	4.5 F	19.8 F	24.7 B	12.2 F	4.7 F	7.3 F	U	6.1 F	U	U	13 F	11 F	39 B	42 B	11 F	10 F	16 F	12 F	13 F	14 F	26 B	59 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	106		110		130		140		92		120		150		250		150		110		180		290		190	
ammonia	2	0.2	U		U		U		U		0.027 F		U		0.025 F		0.061		0.059 B		0.012 F		U		U		U	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.014 F		U		U		U		0.044 F		U		U		0.036 F		0.042 F		UJ		0.015 F		0.016 F	
COD	--	5	0.0076 F		5 F		9.4 F		19		8.5 F		U		U		6.3 F		4.1 F		58		U		3.7 F		U	
chloride	250	1	3.4		40		10		6.0		90		100		23		7.9		76		120		24		7.5		44 J	
color	15	5	**50**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		0.014 F		U		NA		NA		NA		NA	
hardness, Total	--	1	115		160		190		200		180		170		190		280		240		260		300		340		250	
nitrate	10	1	0.55 F		1.6		0.95		0.87		1.4		1.6		0.68		0.49		1.2		1.5		0.65		0.82		1.4	
TKN	1	0.2	0.16 F		U		U		U		0.089 F		0.078 F		U		NA		U		0.076 F		**3.3**		0.12		U	
sulfate	250	1	15.6		23		42		42		20		17		17		27		24		20		23		28		23	
TDS	500	10	158		230		250		220		370		390		170		310		350		350		280		330		340	
TOC	--	1	0.65 F		0.5 F		1.2		1.7		U		0.47 F		1.2		1.2		0.69 F		0.43 F		0.85 F		U		0.60 F	
phenolics, Total	--	0.005	U		U		U		U		U		0.0011 F		0.0014 F		0.00092 F		0.00098 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-19																	
Date of Collection			**9/14/2009**		**3/22/2010**	**9/14/2010**	**6/6/2011**													
Sample ID No.			**LF6VM1926NA**		**LF6VM1926OA**	**LF6VM1926PA**	**LF6VM1926PA**													
Depth to Water (ft)			**9.31**		**9.34**	**10.55**	**8.05**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		U	2.20 F	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	1.87		0.5	1.97	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
m,p-xylene	5*	2	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**1.87**		**0.5**	**4.17**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	37 F	37 F	55	46 F	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	12 B	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	43,000	44,000	120,000	58,000	NA													
chromium	50	10	4.1 F	48	35	37	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	U	200	210	210	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	21,000	21,000	17,000	25,000	NA													
manganese	300	10	U	2.5 F	2.3 F	1.9 F	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	7.3 F	8.9 F	U	7.9 F	NA													
potassium	--	1,000	830 F	760 F	960 F	1,000	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**39,000**	**37,000**	11,000	**28,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	5 F	6.6 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	140		320	160	160													
ammonia	2	0.2	0.042 F		U	U	0.054 F													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.037 F		U	U	U													
COD	--	5	U		U	U	U													
chloride	250	1	77		21	78	24													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0089 F	U	NA													
hardness, Total	--	1	200		360	250	190													
nitrate	10	1	2.0		1.4	1.8	4.9													
TKN	1	0.2	U		0.24 B	0.28 B	0.36 F													
sulfate	250	1	17		23 B	18	11													
TDS	500	10	320		370	290	250													
TOC	--	1	0.44 F		1.3 B	0.78 F	1.1													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-20																					
Date of Collection			6/28/2006		9/18/2006		12/12/2006		4/11/2007		6/20/2007		9/27/2007		12/10/2007		4/7/2008		6/17/2008		9/30/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6VM2068AA		LF6VM2068BB		LF6VM2068CA		LF6VM2068DA		LF6VM2068EA		LF6VM2068FA		LF6VM2068GA		LF6VM2068HA		LF6VM2068IA		LF6VM2068JA		LF6VM2068KA		LF6VM2068LA		LF6VM2068MA	
Depth to Water (ft)			11.04		11.40		10.25		8.97		9.20		4.78		10.85		9.28		9.54		10.74		10.73		9.95		10.10	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		0.340 F		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.140 F		U		U		U		0.100		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		UJ		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0.14**		**0**		**0**		**0**		**0.100**		**0**		**0**		**0**		**0.34**		**0**		**0**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55 F	1,240 B	U	333	U	U	U	99 F	U	71 F	U	U	U	82 F	U	58 F	U	U	U	69 F	63 F	150 F	U	U	U	57 F
antimony	3	50	U	U	U	U	U	**9.9 F**	U	U	U	**3.8 F**	U	2.8 F	U	**10 F**	U	U	U	U	U	U	U	9.3 F	U	U	U	U
arsenic	25	30	U	U	U	**35**	U	U	U	6.7 F	U	U	U	U	U	5.6 F	U	4.2 F	U	4.3 F	U	U	U	14 F	U	6.4 F	U	4.2 F
barium	1,000	50	57.6 J	25.5 F	0.56 F	8.01 F	U	3.1 F	0.65 F	2.9 F	U	2.5 F	U	0.79 F	U	2.8 F	U	1.5 F	U	0.90 F	U	1.5 F	U	2.8 F	U	U	U	U
beryllium	3	4	U	0.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	17.8 J	U	NA	NA	NA	NA	NA	NA	11	13.0	NA	NA	NA	NA	15	14	15	13	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	0.7 F	UJ	U	1.41 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	U	U	U	U	U
calcium	--	1,100	150,000 J	78,700 J	82,200	83,500	82,000	80,000	88,000	86,000	71,000	74,000	63,000	65,000	69,000	74,000	47,000	45,000	41,000	40,000	51,000	50,000	48,000	49,000	34,000	34,000	27,000	29,000
chromium	50	10	2.7 F	**73,200**	11.9	**16,900**	12	**3,400**	10	**3,100**	8.7 F	**2,300**	14	**1,400**	10	**3,200**	5.7 F	**1,400**	5.8 F	**920**	5.4 F	**1,100**	6.6 F	**3,000**	6.1 F	**1,400**	**61**	**860**
cobalt	--	60	U	188	U	59.4 F	U	14 F	U	21 F	U	21 F	U	15 F	U	38 F	U	22 F	U	12 F	U	20 F	U	95	U	43 F	U	23 F
copper	200	10	2.8 F	**695**	U	156	U	36	U	32	U	23	U	15	U	33	U	14	U	11	U	12	U	28	U	15	U	9.6 F
iron	300	200	U	**352,000**	87.2 F	**80,200**	97 F	**19,000**	67 F	**22,000**	66 F	**19,000**	130 F	**13,000**	81 F	**27,000**	43 F	**15,000**	34 F	**11,000**	47 F	**12,000**	65 F	**33,000**	67 F	**16,000**	**810**	**11,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,600	**39,600**	**48,000**	**47,000**	**48,000**	**47,000**	**50,000**	**48,000**	**40,000**	**41,000**	35,000	35,000	**36,000**	**38,000**	25,000	24,000	22,000	20,000	26,000	26,000	25,000	24,000	17,000	17,000	14,000	14,000
manganese	300	10	3.1 F	**4,160**	9.27 F	**1,110**	12	**400**	8.8 F	**470**	8.8 F	**400**	12	280	12	**600**	8.0 F	**330**	5.2 F	200	8.5 F	**320**	9.5 F	**1,200**	3.7 F	**620**	**23.000**	**330**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	172	U	31..4	U	14 F	U	8.2 F	U	5.5 F	U	3.7 F	U	7.6 F	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	1.8 F	**3,340**	**108**	**922**	94	**270**	85	**290**	64	**230**	85	**200**	94	**350**	84	**220**	54	**160**	60	**180**	78	**450**	43	**230**	33	**140**
potassium	--	1,000	2,800 J	1,820 J	1,680	1,850	1,800	1,700	2,200	2,100	2,000	2,100	1,900	1,900	2,000	2,100	1,500	1,400	1,500	1,300	1,500	1,500	1,500	1,500	1,100	1,000	670 F	940 F
selenium	10	30	U	**15.1 F**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**384,000 J**	**97,700 J**	**113,000**	**115,000**	**100,000**	**100,000**	**180,000**	**180,000**	**190,000**	**190,000**	**160,000**	**170,000**	**180,000**	**180,000**	**120,000**	**120,000**	**130,000**	**120,000**	**140,000**	**140,000**	**150,000**	**140,000**	**88,000**	**87,000**	**67,000**	**69,000**
thallium	0.5	80		**9.9 F**	U	**8.15 F**	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	175	U	44.4	U	9.6 F	U	9.7 F	U	7.9 F	U	5.7 F	U	12	U	5.8 F	U	4.4 F	U	5.1 F	U	17	U	7.1 F	U	5.1 F
zinc	2,000	20	21.4	85.2	16.6 F	56 B	6.2 F	12 F	U	8.6 F	U	U	21 B	45 B	46 B	54 B	11 F	15 F	11 F	12 F	10 F	14 F	58 B	49 B	U	5.3 F	U	4.4 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	140		120		130		130		150		160		150		160		180		160		170		190		180	
ammonia	2	0.2	0.22		0.081		U		U		0.031 F		0.011 F		0.039 F		0.09		0.093 B		U		U		U		U	
BOD5	--	2.4	UJ		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.077 F		0.044 F		U		0.10 F		U		0.088 F		0.052 F		U		0.061 F		UJ		0.035 F		U	
COD	--	5	U		9.2 F		5.3 F		17		15		U		6.3 F		6.3 F		U		8.2 F		U		6.0 F		U	
chloride	250	1	**463**		**400**		**340**		**470**		**470**		35		**390**		200		180		250		230		110		57	
color	15	5	**400**		NA		NA		NA		15		NA		NA		**20**		**25**		NA		NA		10		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		0.018 F		NA		NA		0.016 F		0.046		NA		NA		NA		NA	
hardness, Total	--	1	600		450		400		420		340		270		340		210		200		240		210		160		120	
nitrate	10	1	0.87 F		1.3		1.5		1.4		1.5		0.11		1.2		0.9		0.79 F		0.92		0.98		0.98		0.93	
TKN	1	0.2	0.46		0.12 F		U		U		U		0.071 F		U		U		U		U		U		U		U	
sulfate	250	1	10		14		16		12		15		1.1		15		14		13		11		13		12		7.7	
TDS	500	10	**806**		**1,100**		**890**		**1,100**		**1,100**		**860**		**620**		**520**		490		**600**		**590**		390		310	
TOC	--	1	1 B		0.93 F		0.83 F		0.51 F		0.51 F		0.53 F		0.70 F		0.71 F		U		U		0.73 F		U		U	
phenolics, Total	--	0.005	0.005 F		U		U		U		U		U		0.0015 F		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-20																	
Date of Collection			**9/14/2009**		**3/22/2010**		**9/15/2010**		**6/6/2011**											
Sample ID No.			**LF6VM2068NA**		**LF6VM2068OA**		**LF6VM2068PA**		**LF6VM2068PA**											
Depth to Water (ft)			**11.20**		**11.65**		**12.71**		**10.08**											
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U		U		NA											
1,1-dichloroethene	5*	1	U		U		U		NA											
1,2-dichloroethane	0.6	1	U		U		U		NA											
1,4-dichlorobenzene	3	0.5	U		U		U		NA											
acetone	50	10	U		U		1.21 F		NA											
benzene	1	0.1	U		U		U		NA											
carbon disulfide	1,000	0.5	U		U		U		NA											
chloroform	7	0.3	U		U		U		NA											
chloromethane	5*	1	U		U		U		NA											
cis-1,2-dichloroethene	5*	1	U		U		U		NA											
dichlorodifluoromethane	5*	1	U		U		U		NA											
hexachlorobutadiene	0.5*	0.6	U		U		U		NA											
methylene chloride	5*	1	U		U		U		NA											
m,p-xylene	5*	2	U		U		U		NA											
trichloroethene (TCE)	5*	1	U		U		U		NA											
toluene	5*	1	U		U		U		NA											
trans-1,2-dichloroethene	5*	1	U		U		U		NA											
trichlorofluoromethane	5*	1	U		U		U		NA											
vinyl chloride	2	1	U		U		U		NA											
xylenes, Total	--	1.5	U		U		U		NA											
Total VOCs (µg/L)			**0**		**0**		**1.21**		NA											
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U		58 F		NA											
antimony	3	50	U	U	U		U		NA											
arsenic	25	30	U	U	U		6.6 F		NA											
barium	1,000	50	U	U	U		U		NA											
berylium	3	4	U	U	U		U		NA											
boron	1,000	110	U	U	16		NA		NA											
cadmium	5	5	U	U	U		U		NA											
calcium	--	1,100	25,000	25,000	30,000		28,000		NA											
chromium	50	10	4.5 F	**330**	**500**		**1,200**		NA											
cobalt	--	60	U	4.9 F	11 F		46 F		NA											
copper	200	10	U	U	7.1 F		13		NA											
iron	300	200	37 F	**3,800**	**5,900**		**16,000**		NA											
lead	25	25	U	U	U		U		NA											
magnesium	35,000	1,000	13,000	13,000	15,000		14,000		NA											
manganese	300	10	U	110	160		**630**		NA											
mercury	0.7	1	U	U	U		U		NA											
molybdenum	--	15	U	U	U		U		NA											
nickel	100	20	15 F	52	100		**250**		NA											
potassium	--	1,000	940 F	880 F	1,000		1,000		NA											
selenium	10	30	U	U	U		U		NA											
silver	50	10	U	U	U		U		NA											
sodium	20,000	1,000	**70,000**	**68,000**	**69,000**		**55,000**		NA											
thallium	0.5	80	U	U	U		U		NA											
vanadium	--	10	U	U	2.5 F		6.7 F		NA											
zinc	2,000	20	U	U	7.7 F		11 F		NA											
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	180		170		160		190											
ammonia	2	0.2	U		U		U		0.056 F											
BOD5	--	2.4	U		U		U		U											
bromide	2	0.5	0.028 F		U		U		U											
COD	--	5	U		U		U		U											
chloride	250	1	42		68		54		96											
color	15	5	NA		U		NA		U											
cyanide, Total	200	0.02	NA		0.0082 F		U		NA											
hardness, Total	--	1	110		140		130		140											
nitrate	10	1	1.1		1.0 B		0.76 F		13.0											
TKN	1	0.2	U		0.56 B		0.16 FB		0.43 F											
sulfate	250	1	7.4		8.9 B		9.0		U											
TDS	500	10	260		280		250		350											
TOC	--	1	U		0.55 FB		0.53 F		0.64 F											
phenolics, Total	--	0.005	U		U		U		NA											

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-21																					
Date of Collection			6/28/2006		9/18/2006		12/12/2006		4/11/2007		6/20/2007		9/27/2007		12/10/2007		4/7/2008		6/17/2008		10/1/2008		12/9/2008		4/14/2009		6/29/2009	
Sample ID No.			LF6VM2175AA		LF6VM2175BB		LF6VM2175CA		LF6VM2175DA		LF6VM2175EA		LF6VM2175FA		LF6VM2175GA		LF6VM2175HA		LF6VM2175IA		LF6VM2175JA		LF6VM2175KA		LF6VM2175LA		LF6VM2175MA	
Depth to Water (ft)			43.30		43.41		42.40		41.29		41.35		42.68		42.78		41.51		41.54		43.71		42.74		42.05		42.15	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	1.5 F		U		U		U		U		U		U		U		U		U		U		U		4.77 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloroform	7	0.3	U		0.22 F		0.260 F		U		0.150 F		U		0.150 F		0.160 F		0.110 F		U		U		0.160 F		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		0.31 F		0.190 F		U		U		U		0.160 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		0.11 F		U		U		U		U		U		U		U		U		0.110 F		0.180 F		0.210 F	
vinyl chloride	2	1	U		U		U		U		U		UJ		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1.5**		**0.64**		**0.45**		**0**		**0.150**		**0**		**0.310**		**0.160**		**0.110**		**0**		**0.110**		**0.340**		**4.930**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	54.2 F	**5,140**	U	1,210	U	**3,500**	71 F	770	U	170 F	U	170 F	U	220	U	1,200	U	94 F	U	140 F	76 F	180 F	U	200	U	180 F
antimony	3	50	U	U	U	U	U	2.4 F	U	U	U	U	U	**3.4 F**	1.6 F	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	56.9 J	31.7 F	5.13 F	11.8 F	4.0 F	19 F	4.8 F	7.6 F	3.4 F	5.0 F	2.7 F	4.7 F	3.2 F	4.9 F	3.6 F	9.5 F	3.2 F	3.9 F	2.9 F	5.1 F	3.0 F	3.8 F	3.2 F	5.0 F	U	4.1 F
beryllium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	18.8 J	30.8	NA	NA	NA	NA	NA	NA	9.7 F	10	NA	NA	NA	NA	11	13	10	9.4 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	1.6 F	U	U	U	U	U	1.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	149,000 J	34,200 J	22,900	25,100	18,000	23,000	21,000	21,000	22,000	22,000	23,000	23,000	22,000	23,000	22,000	24,000	25,000	24,000	24,000	24,000	23,000	23,000	24,000	24,000	25,000	26,000
chromium	50	10	2.5 F	22.3	U	**540**	4.9 F	**470**	8.8 F	**230**	10	**310**	4.4 F	**540**	4.4 F	**500**	3.1 F	**510**	2.5 F	**350**	4.7 F	**1,200**	2.9 F	**210**	U	**460**	U	**190**
cobalt	--	60	U	3 F	U	U	U	U	6.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.2 F	21.7	U	17.3	3.3 F	41	U	5.0 F	U	4.2 F	U	5.2 F	U	9.0 F	U	13	U	18	U	74	U	11	U	27	U	13
iron	300	200	U	**8,590**	5.82 F	**4,840**	18 F	**8,300**	20 F	**3,400**	53 F	**2,000**	170	**5,100**	7.5 F	**3,500**	8.0 F	**4,600**	U	**2,100**	8.7 F	**5,200**	U	**1,400**	U	**3,600**	U	**1,800**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	22,200 J	9,760 J	7,900	8,220	9,300	10,000	8,500	8,400	8,400	8,300	8,800	8,800	8,200	8,900	10,000	10,000	9,300	9,000	9,000	8,900	9,300	9,200	9,900	9,800	8,700	9,300
manganese	300	10	3.1 F	**581**	2.91 F	149	U	**310**	U	98	U	32	U	41	U	40	U	150	17	49	U	42	U	12	U	27	U	**17.000**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	6.6 F	U	8.23 F	U	7.2 F	U	U	U	U	U	3.2 F	U	4.2 F	U	4.6 F	U	U	U	11 F	U	U	U	U	U	U
nickel	100	20	2.7 F	29.4	67.6	**161**	23	**190**	68	**160**	27	51	52	210	43	**160**	21	**220**	96	**170**	34	**140**	11 F	29	11 F	56	11 F	33
potassium	--	1,000	2,750 J	2,170 J	516 F	999 F	760 F	1,700	92 F	930 F	590 F	620 F	800 F	800 F	700 F	760	650	1,000	600 F	630 F	780 F	810 F	560 F	570 F	530 F	530 F	230 F	520 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**380,000 J**	3,120 J	2,140	1,860	5,100 J	4,100 J	1,700	1,700	1,800	1,600	2,900	2,200	2,200	2,000	8,900	8,500	6,500	5,400	3,600	2,800 B	5,300 J	4,300 J	17,000	18,000	9,500	9,400
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	8.8 F	U	5.53 F	U	7.6 F	0.67 F	2.5 F	U	2.0 F	U	1.9 F	U	2.6 F	U	4.0 F	U	2.4 F	U	6.1 F	U	U	U	3.8	U	U
zinc	2,000	20	17.5 F	47.4	24.8 B	52.1 B	5.0 F	31	U	7.8 F	U	U	53 B	58 B	31 B	23 B	11 F	18 F	13 F	11 F	11 F	12 F	54 B	71 B	U	U	4.8 F	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	111		96		92		72		82		88		82		100		100		90		92		120		110	
ammonia	2	0.2	0.023 F		0.011 F		U		U		0.026 F		U		0.026 F		0.084		0.045 F		0.021 F		U		U		U	
BOD5	--	2.4	UJ		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		U		U		U		U		U		U		U		U		U		UJ		U		U	
COD	--	5	U		18 B		16		17		6.3 F		U		22 B		6.3 F		U		U		U		U		U	
chloride	250	1	3.6		2.5		1.8		1.9		1.0		2.2		2.3		3.5		4.8		2.8		3.6		4.7		2.7	
color	15	5	**160**		NA		NA		NA		U		NA		NA		U		10		NA		NA		U		NA	
cyanide, Total	200	0.02	0.0076 F		NA		NA		NA		U		NA		NA		U		0.0065 F		NA		NA		NA		NA	
hardness, Total	--	1	107		100		96		84		88		60		96		100		88		110		92		110		88	
nitrate	10	1	0.75 F		0.87 F		0.77		0.71		0.82		0.85		0.80		0.81		0.72		0.80		0.8		0.9		1.2	
TKN	1	0.2	0.5		0.075 F		0.071 F		U		U		U		U		U		U		U		U		U		U	
sulfate	250	1	6		5		4.7		4.9		4.9		4.8		4.8		4.6		4.9		4.4		9.9		4.8		4.2	
TDS	500	10	148		140		79		100		120		130		66		120		120		92		120		78		120	
TOC	--	1	U		0.54 F		0.88 F		U		U		U		0.43 F		0.47 F		U		U		0.45 F		U		U	
phenolics, Total	--	0.005	U		U		U		U		U		0.0014 F		0.0013 F		0.0011 F		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-21															
Date of Collection			**9/15/2009**		**3/22/2010**	**9/14/2010**	**6/62011**											
Sample ID No.			**LF6VM2175NA**		**LF6VM2175OA**	**LF6VM2175PA**	**LF6VM2175PA**											
Depth to Water (ft)			**43.25**		**43.72**	**44.67**	**42.25**											
VOCs (µg/L)																		
1,1,1-trichloroethane	5*	1	U		U	U	NA											
1,1-dichloroethene	5*	1	U		U	U	NA											
1,2-dichloroethane	0.6	1	U		U	U	NA											
1,4-dichlorobenzene	3	0.5	U		U	U	NA											
acetone	50	10	U		U	1.56 F	NA											
benzene	1	0.1	U		U	U	NA											
carbon disulfide	1,000	0.5	U		U	U	NA											
chloroform	7	0.3	U		0.110 F	0.120 F	NA											
chloromethane	5*	1	U		U	U	NA											
cis-1,2-dichloroethene	5*	1	U		U	U	NA											
dichlorodifluoromethane	5*	1	U		U	U	NA											
hexachlorobutadiene	0.5*	0.6	U		U	U	NA											
methylene chloride	5*	1	U		U	U	NA											
m,p-xylene	5*	2	U		U	U	NA											
trichloroethene (TCE)	5*	1	U		U	U	NA											
toluene	5*	1	U		U	U	NA											
trans-1,2-dichloroethene	5*	1	0.140 F		U	U	NA											
trichlorofluoromethane	5*	1	U		0.140 F	0.140 F	NA											
vinyl chloride	2	1	U		U	U	NA											
xylenes, Total	--	1.5	U		U	U	NA											
Total VOCs (µg/L)			**0.14**		**0.25**	**1.82**	NA											
Metals (µg/L) [Dissolved / Total][1]																		
aluminum	2,000	200	U	**6,200**	630	270	NA											
antimony	3	50	U	U	U	U	NA											
arsenic	25	30	U	U	U	U	NA											
barium	1,000	50	2.5 F	26 F	6.9 F	4.4 F	NA											
berylium	3	4	U	0.21 F	U	U	NA											
boron	1,000	110	U	U	9.6 FB	NA	NA											
cadmium	5	5	U	U	U	U	NA											
calcium	--	1,100	25,000	41,000	29,000	27,000	NA											
chromium	50	10	U	**1,600**	**550**	**490**	NA											
cobalt	--	60	U	14 F	U	U	NA											
copper	200	10	U	180	43	41	NA											
iron	300	200	U	**19,000**	**3,600**	**3,600**	NA											
lead	25	25	U	U	U	U	NA											
magnesium	35,000	1,000	8,800	12,000	10,000	9,200	NA											
manganese	300	10	U	**430**	87	30	NA											
mercury	0.7	1	U	U	U	U	NA											
molybdenum	--	15	U	20	5.7 F	U	NA											
nickel	100	20	23	**570**	**140**	84	NA											
potassium	--	1,000	650 F	2,400	540 F	780 F	NA											
selenium	10	30	U	U	U	U	NA											
silver	50	10	U	U	U	U	NA											
sodium	20,000	1,000	6,500	6,500	7,500 B	6,400	NA											
thallium	0.5	80	U	U	U	U	NA											
vanadium	--	10	U	19	4.3 F	2.9 F	NA											
zinc	2,000	20	U	45	12 B	7.7 F	NA											
Leachate Indicators (mg/L)																		
alkalinity, Total	--	10	130		110	100	120											
ammonia	2	0.2	U		U	U	0.076 F											
BOD5	--	2.4	NA		U	U	U											
bromide	2	0.5	U		U	U	U											
COD	--	5	39		U	U	U											
chloride	250	1	3.5		2.9	2.3	3.4											
color	15	5	NA		U	NA	**20**											
cyanide, Total	200	0.02	NA		0.0080 F	U	NA											
hardness, Total	--	1	180		110	100	94											
nitrate	10	1	2.3		2.3	1.2	2.5											
TKN	1	0.2	0.17 F		0.44 B	0.19 FB	0.39 F											
sulfate	250	1	4.3		4.3 B	4.6	4.4 F											
TDS	500	10	140		130 B	97	130											
TOC	--	1	0.86 F		U	U	0.44 F											
phenolics, Total	--	0.005	U		U	U	NA											

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-22																					
Date of Collection			6/29/2006		9/19/2006		12/13/2006		4/13/2007		6/21/2007		9/28/2007		12/12/2007		4/8/2008		6/18/2008		10/1/2008		12/11/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6VM2235AA		LF6VM2235BB		LF6VM2235CA		LF6VM2235DA		LF6VM2235EA		LF6VM2235FA		LF6VM2235GA		LF6VM2235HA		LF6VM2235IA		LF6VM2235JA		LF6VM2235KA		LF6VM2235LA		LF6VM2235MA	
Depth to Water (ft)			19.27		14.68		13.54		12.71		13.37		14.41		13.89		12.84		13.56		14.28		13.74		13.36		13.76	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		0.100 F		U		U		U		0.190 F		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		5.26 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		0.120 F♦		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		U		U		0.120 F		U		U		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0**		**0.100**		**0.120**		**0**		**0.120**		**0.190**		**0**		**0**		**0**		**0**		**5.26**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	55.8 F	343	U	172 F	U	57 F	59 F	62 F	U	U	U	U	U	U	U	54 F	U	U	U	61 F	U	200	U	75 F♦	U	140 F♦
antimony	3	50	U	U	U	1.67 F	U	**6.2 F**	U	U	U	U	U	U	U	U	U	U	1.7 F♦	U	U	U	U	U	U	U	3.9 F	U	
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
barium	1,000	50	3.7 F	4.8 F	3.59 F	4.39 F	1.4 F	2.5 F	2.2 F	1.6 F	2.6 F	2.7 F♦	2.9 F	3.2 F	3.6 F	3.6 F	1.8 F	1.9 F	2.2 F	2.0 F	3.4 F	3.7 F	3.3 F	3.8 F	U	2.1 F♦	3.0 F♦	3.3 F	
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
boron	1,000	110	15.9 J	U	NA	NA	NA	NA	NA	NA	7.6 F	8.2 F♦	NA	NA	NA	NA	8.9 F	9.0 F	7.5 F	7.3 F♦	NA	NA	NA	NA	NA	NA	U	U	
cadmium	5	5	U	U	U	U	U	U	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
calcium	--	1,100	48,300	48,800	47,300	48,200	35,000	37,000	29,000	28,000	44,000	43,000	59,000♦	60,000♦	58,000	57,000	37,000	36,000	53,000	51,000 ♦	64,000	63,000	59,000	58,000	42,000	41,000	56,000♦	54,000	
chromium	50	10	0.8 F	3.5 F	U	3.97 F	U	2.9 F	5.2 F	2.4 F	3.5 F	4.3 F♦	8.9 F♦	44	5.4 F♦	29	3.1 F	14	2.7 F♦	3.7 F♦	4.6 F	19	4.6 F	27	U	11	3.8 F♦	12♦	
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
copper	200	10	U	2.5 F	U	U	2.7 F	2.8 F	U	U	2.3 F♦	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
iron	300	200	U	**436**	U	219	U	100	U	55 F	U	9.4 F♦	44 F♦	260♦	5.3 F	200	8.2 F♦	160 F	7.9 F♦	18 F♦	7.4 F	130 F	12 F	**340**	U	150 F	130 F	210♦	
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
magnesium	35,000	1,000	20,700	21,600	21,400	21,600	15,000	16,000	12,000	12,000	19,000	19,000	27,000	27,000	26,000	25,000	16,000♦	15,000	24,000	23,000 F	28,000	28,000	26,000	26,000	18,000 ♦	17,000	23,000	23,000♦	
manganese	300	10	2.8 F	34.9	2.39 F	15.3	2.7 F	8.3 F	U	2.7 F	U	U	U	3.9 F♦	U	1.8 F	U	2.1 F	U	U	U	U	U	11	U	3.9 F	U	9.0 F♦	
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	
molybdenum	--	15	U	U	U	U	U	4.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
nickel	100	20	5.4 F	4.4 F	1.13 F	1.92 F	1.4 F	U	U	U	U	U	12 F	4.5 F♦	4.6 F♦	6.3 F♦	U	2.2 F	3.8 F♦	U	2.9 F	4.0 F	3.2 F	3.9 F	U	U	U	U	
potassium	--	1,000	862 F	879 F	716 F	786 F	490 F	640 F	670 F	560 F	730 F	740 F♦	970 F♦	980 F	1,000	990 F	640 F	650 F	770 F	750 F♦	950 F	990 F	910 F	920 F♦	620 F	660 F♦	820 F♦	830 F♦	
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
silver	50	10	U	4.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
sodium	20,000	1,000	9,230	8,960	9,890	9,700	6,500	6,500	4,100	4,000	9,100	8,900 ♦	17,000	16,000	15,000	15,000	6,700♦	6,200	13,000	12,000	19,000	18,000	15,000	15,000	7,700 ♦	7,400	13,000♦	12,000	
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
vanadium	--	10	U	U	U	0.68 F	U	U	U	0.78 F	U	U	U	0.71 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	
zinc	2,000	20	14.7 F	4.8 F	17 F	25.7 B	4.7 F	11 F	U	U	U	U	55 B♦	59 B♦	48 B♦	66 B	11 F	12 F	11 F	15 F♦	9.3 F	10 F	76 B	84 B♦	U	U	U	U	
Leachate Indicators (mg/L)																													
alkalinity, Total	--	10	211		170		130		100		140		190		190		140		170♦		210		210		160		190		
ammonia	2	0.2	U		U		U		U		0.015 F		0.017 F♦		U		U		0.046 F♦		0.029 F		U		0.031 F♦		0.017 F	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.021 F		U		U		0.025 F♦		0.040 F		0.044 F♦		0.029 F		0.042 F		0.052 F		UJ		0.043 F		0.073 F♦	
COD	--	5	U		U		9.4 F		13 J		13 B		U		13 B♦		6.3 F♦		13 J♦		3.7 F		6.0 F♦		6.0 F♦		U	
chloride	250	1	18.4		20		9.1		4.6		27		50		38		8.8		30		45		28		10		23		
color	15	5	**20 J**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA		
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		0.0047 F		U		NA		NA		NA		NA		
hardness, Total	--	1	197		200		150		110		190♦		270		260		140		210♦		280		240♦		190		240		
nitrate	10	1	0.9 F		0.89 F		0.42		0.29		0.90♦		1.2		1.2		0.57 B♦		1.1		1.5		1.4		0.99 ♦		1.3		
TKN	1	0.2	U		U		U		U		U		0.078 F		U		U		U		U		U		U		0.12 F		
sulfate	250	1	18.4		20		16		13		21♦		27		27		16		21		26		24		20		24♦		
TDS	500	10	260		240		180		110		270		260		350♦		160♦		220		300		290♦		210		350♦		
TOC	--	1	0.64 F		0.72 F		0.69 F		U		0.77 F♦		1.2		0.90 F		1.5 B		0.54 F		0.97 F		0.65 F		0.39 F		0.75 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		0.0013 F♦		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-22																	
Date of Collection			**9/16/2009**		**3/23/2010**	**9/15/2010**	**6/7/2011**													
Sample ID No.			**LF6VM2235NA**		**LF6VM2235OA**	**LF6VM2235PA**	**LF6VM2235PA**													
Depth to Water (ft)			**14.61**		**14.15**	**15.47**	**13.36**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		1.17 F	1.76 FB♦	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	U		U	U	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
m,p-xylene	5*	2	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**0**		**1.17**	**1.76**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	3.3 F♦	3.2 F	4.0 F♦	5.1 F	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	12	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	67,000♦	68,000	62,000 ♦	74,000♦	NA													
chromium	50	10	U	4.6 F♦	8.2 F	7.4 F	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	U	43 F♦	81 F♦	28 F	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	28,000	29,000	24,000 ♦	28,000	NA													
manganese	300	10	U	U	1.1 F♦	U	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	920 F♦	940 F	840 F	1,200	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	19,000♦	18,000	11,000	14,000	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	12 F	U	5.3 F	5.6 F♦	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	230		220	250	140													
ammonia	2	0.2	U		U	U	0.12													
BOD5	--	2.4	U		U	U	1.4 F♦													
bromide	2	0.5	0.051 F		0.036 F	UM	U													
COD	--	5	9.0 F		59 J	5.6 F	4.3 F♦													
chloride	250	1	38		14	20♦	1.6 F♦													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0	U	NA													
hardness, Total	--	1	360♦		0.010 F	300	150 ♦													
nitrate	10	1	1.7		1.2	1.9	0.85♦													
TKN	1	0.2	U		0.38 JB♦	0.24 B♦	0.39 F													
sulfate	250	1	28		23	26	14													
TDS	500	10	340		270	340♦	170 ♦													
TOC	--	1	0.89 F		0.81 F	1.1 B	0.75 F													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-23																					
Date of Collection			6/29/2006		9/18/2006		12/12/2006		4/17/2007		6/21/2007		9/28/2007		12/11/2007		4/3/2008		6/18/2008		10/1/2008		12/11/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6VM2348AA		LF6VM2348BB		LF6VM2348CA		LF6VM2348DA		LF6VM2348EA		LF6VM2348FA		LF6VM2348GA		LF6VM2348HA		LF6VM2348IA		LF6VM2348JA		LF6VM2348KA		LF6VM2348LA		LF6VM2348MA	
Depth to Water (ft)			16.16		16.60		15.58		14.44		15.33		16.38		15.96		14.69		15.51		16.21		15.70		15.21		16.69	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		1.10 F	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		0.14 F		U		U		U		U		0.110 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0.14**		**0**		**0**		**0**		**0**		**0.110**		**0**		**0**		**0**		**0**		**0**		**1.10**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.1 F	**4,120**	U	669	U	610	180 F	580	U	470	U	62 F	U	230	U	300	U	260	U	110 F	U	200	U	110 F	53 F	180 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	11 F	26.4 F	8.59 F	12.1 F	7.7 F	10 F	12 F	13 F	14 F	15 F	13 F	13 F	14 F	15 F	11 F	1.2 F	9.0 F	12 F	9.7 F	10 F	11 F	12 F	11 F	11 F	10 F	11 F
beryllium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	16.6	17.4	NA	NA	NA	NA	NA	NA	13	12	NA	NA	NA	NA	9.1 F	9.6 F	8.5 F	8.8 F	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	0.92 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.2 F	U	U	U	U
calcium	--	1,100	63,700	66,900	57,800	59,800	58,000	58,000	78,000	75,000	94,000	93,000	93,000	92,000	94,000	98,000	76,000	78,000	66,000	64,000	66,000	67,000	75,000	76,000	71,000	73,000	66,000	66,000
chromium	50	10	U	6.8 F	U	6.43 F	3.0 F	4.4 F	4.0 F	1.9 F	3.8 F	4.0 F	2.6 F	2.9 F	3.9 F	U	U	1.5 F	U	U	3.3 F	3.9 F	3.0 F	3.7 F	U	U	U	6.3 F
cobalt	--	60	U	2.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	22.7	U	2.6 F	2.3 F	5.7 F	U	3.8 F	U	2.1 F	U	U	U	U	U	2.3 F	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	**4,600**	U	**678**	8.7 F	**690**	160 F	**690**	U	**520**	U	75 F	U	240	U	290	28 F	260	U	63 F	U	160 F	U	130 F	U	130 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	13,900	15,400	13,500	13,800	13,000	14,000	17,000	17,000	21,000	20,000	21,000	21,000	21,000	22,000	18,000	18,000	15,000	15,000	15,000	15,000	17,000	17,000	17,000	17,000	15,000	15,000
manganese	300	10	1.3 F	211	U	36.9	U	34	10	52	U	25	U	3.3 F	U	11.0	U	11	U	12	U	3.1 F	U	5.5 F	U	4.9 F	U	4.2 F
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	6.1 F	U	2.61 F	1.6 F	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.8 F
potassium	--	1,000	772 F	1,920	491 F	870 F	620 F	770 F	780 F	770 F	800 F	890 F	760 F	770 F	840 F	780 F	640 F	760 F	570 F	630 F	640 F	680 F	630 F	660 F	580 F	640 F	590 F	660 F
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	3.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,820 J	2,010 J	2,610	2,250	2,300	2,000	3,100	2,800	3,100	2,800	3,200	3,000	3,700	3,600	3,200	3,300	2,800 B	2,700 B	2,300 B	2,300 B	2,200	2,200	2,200 B	2,300 B	2,100	2,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	7 F	U	0.95 F	U	1.5 F	U	0.92 F	U	0.83 F	U	U	U	0.71 F	U	0.75 F	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	3.8 F	21.9	27.6 B	22.5 B	4.6 F	6.9 F	7.7 F	6.2 F	U	U	55 B	12 F	38 B	68 B	12 F	11 F	11 F	13 F	12 F	12 F	69 B	57 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	205		180		380		160		160		180		190		210		200		180		200		220		190	
ammonia	2	0.2	U		U		U		U		0.018 F		U		0.05		U		0.057 B		0.029 F		U		U		0.024 F	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.029 F		U		0.11		0.080 F		0.11 F		0.12 F		0.023 F		0.024 F		0.035 F		UJ		0.020 F		U	
COD	--	5	11.6 B		18 B		5.3 F		19 B		11 B		U		8.5 F		U		4.1 F		U		6.0 F		6.0 F		U	
chloride	250	1	2.5		2.8		3.0		5.3		6.3		5.9		5.3		2.0		1.3		1.2		3.3		0.89 F		0.67 F	
color	15	5	**60**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		0.015 F		U		NA		NA		NA		NA	
hardness, Total	--	1	237		230		200		260		300		310		330		260		220		220		260		250		220	
nitrate	10	1	0.32 F		0.68 F		0.53		1.3		1.9		1.6		1.7		0.96		0.61		0.6		0.81		0.61		0.70	
TKN	1	0.2	0.17 F		U		U		0.057 F		U		0.085 F		U		U		U		U		U		U		U	
sulfate	250	1	40.7		35		35		85		130		120		110		54		30		38		51		39		22	
TDS	500	10	278		250		210		330		410		270		390		290		260		240		200		250		260	
TOC	--	1	0.8 F		1.1		0.89 F		0.52 F		1.3 B		0.97 F		0.81 F		1.3		0.48 F		0.59 F		0.44 F		0.38 F		0.50 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.00092 F		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-23																	
Date of Collection			**9/15/2009**		**3/23/2010**	**9/15/2010**	**6/62011**													
Sample ID No.			**LF6VM2348NA**		**LF6VM2348OA**	**LF6VM2348PA**	**LF6VM2348PA**													
Depth to Water (ft)			**16.51**		**16.07**	**17.40**	**15.22**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		1.42 F	2.07 FB	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	U		U	U	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
m,p-xylene	5*	2	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**0**		**1.42**	**2.07**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	73 F	98 F	60 F	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	8.4 F	9.0 F	12 F	11 F	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	15	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	52,000	64,000	77,000	70,000	NA													
chromium	50	10	U	U	U	U	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	U	44 F	120 F	81 F	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	13,000	14,000	16,000	14,000	NA													
manganese	300	10	U	1.1 F	4.4 F	3.3 F	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	470 F	570 F	550 F	700 F	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	1,800	1,900	1,900	1,500	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	6.2 F	8.3 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	190		220	210	240													
ammonia	2	0.2	0.048 F		U	U	0.060 F													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.025 F		0.021 F	U	U													
COD	--	5	U		U	U	U													
chloride	250	1	0.79 F		0.55 F	0.82 F	0.72													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0091 F	U	NA													
hardness, Total	--	1	210		260	230	250													
nitrate	10	1	0.74		0.6	0.48 F	0.9													
TKN	1	0.2	U		0.20 B	0.16 FB	0.49 F													
sulfate	250	1	21		29	20	23													
TDS	500	10	240		240	250	260													
TOC	--	1	0.67 F		0.66 F	2.2 B	0.92 F													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-24																					
Date of Collection			6/29/2006		9/19/2006		12/12/2006		4/17/2007		6/21/2007		9/28/2007		12/11/2007		4/7/2008		6/18/2008		10/1/2008		12/11/2008		4/16/2009		7/1/2009	
Sample ID No.			LF6VM2448AA		LF6VM2449BB		LF6VM2449CA		LF6VM2449DA		LF6VM2449EA		LF6VM2449FA		LF6VM2449GA		LF6VM2449HA		LF6VM2449IA		LF6VM2449JA		LF6VM2449KA		LF6VM2449LA		LF6VM2449MA	
Depth to Water (ft)			12.32		12.74		11.70		10.65		11.51		12.52		12.12		10.92		11.71		12.39		11.85		4.42		11.90	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		5.40 F♦	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.320 F		U		U		U		0.120 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		0.210 F♦	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0.32**		**0**		**0**		**0**		**0.120**		**0**		**0**		**0**		**0**		**0**		**5.61**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	67.8 F	581	U	58.5 F	U	U	43 F	U	U	U	U	U	U	U	U	U	U	U	U	41 F	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	183	167	187	180	170	170	180	190	190	190	200	220	220	220	220	210	230	240	240	240	250	250	260	260	290	290
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	21.1	17.9	NA	NA	NA	NA	NA	NA	12	16	NA	NA	NA	NA	16	16	15	15	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	36,000	34,100	37,300	36,400	33,000	33,000	41,000	41,000	40,000	41,000	41,000	43,000	43,000	43,000	46,000	44,000	48,000	48,000	49,000	50,000	51,000	51,000	51,000	51,000	58,000♦	56,000
chromium	50	10	1 F	8 F	U	1.74 F	3.6 F	3.4 F	3.3 F	2.2 F	U	2.7 F	2.3 F	3.3 F	4.4 F	U	2.8 F	3.6 F	1.6 F	2.0 F	3.6 F	5.6 F	3.9 F	5.0 F	U	9.1 F	U	13
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	4.6 F	U	U	3.2 F	2.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	41 F	**807**	U	59 F	11 F	31 F	23 F	33 F	14 F	21 F	U	17 F	9.2 F	8.6 F	34 F	37 F	9.3 F	7.3 F	7.9 F	12 F	U	16 F	13 F	49 F	U	70 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,000	15,000	15,500	15,200	16,000	16,000	18,000	18,000	18,000	19,000	18,000	19,000	19,000	19,000	21,000	20,000	22,000	22,000	22,000	22,000	23,000	23,000	23,000	23,000	26,000♦	25,000
manganese	300	10	34.1	49	27.9	28.4	27	27	60	62	46	48	31	35	30	32	56	53	38	37	33	35	35	36	43	41	42♦	39
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	3.2 F	6.8 F	U	U	1.6 F	1.5 F	U	1.3 F	U	U	U	U	U	U	1.2 F	7.4 F	U	U	U	U	U	U	U	U	U	3.8 F♦
potassium	--	1,000	1,190	1,250	1,010	1,070	1,100	1,100	1,100	1,100	1,000	1,200	1,200	1,200	1,300	1,200	1,300	1,200	1,200	1,200	1,300	1,300	1,300	1,300	1,200	1,200	1,300	1,300
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	3.2 F	U	U	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**71,900**	**66,100**	**71,600**	**69,800**	**65,000**	**65,000**	**56,000**	**60,000**	56,000	58,000	65,000	69,000	71,000	71,000	64,000	62,000	64,000	65,000	69,000	70,000	72,000	72,000	65,000	65,000	72,000♦	69,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	5.9 F	6.3 F	16.7 F	24.3 B	7.2 F	5.7 F	U	U	U	U	12 F	56 B	47 B	53 B	11 F	12 F	11 F	12 F	10 F	12 F	44 B	79 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	138		120		160		120		120		130		130		130		130		120		120		130		120	
ammonia	2	0.2	0.087		0.073 B		0.054		0.065		U		0.074		0.11		0.11		0.10 B		0.11 B		0.062		0.11 B		0.10 ♦	
BOD5	--	2.4	U		2.7		U		U		U		U		2.5		U		2.4		2.8		2.7		U		2.2	
bromide	2	0.5	0.77		0.63		0.50		0.50		0.47		1.2		1.4		0.53		0.50		0.56		0.54 J		0.58		0.48 F♦	
COD	--	5	12.3 B		5 F		7.3 F		15 B		8.5 F		4.1 F		8.5 F		6.3 F		U		8.2 F		8.2 F		8.2 F		9.0 F	
chloride	250	1	199		110		110		98		110		130		130		130		130		150		150		170		170 M	
color	15	5	**30**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		U		U		NA		NA		NA		NA	
hardness, Total	--	1	159		180		150		170		180		180		200		200		210		220		220		230		250	
nitrate	10	1	U		U		U		U		0.040 F		U		U		U		U		U		U		U		U	
TKN	1	0.2	0.061 F		0.077 F		0.18 F		U		U		0.082 F		0		U		0.13 F		U		U		U		0.16 F	
sulfate	250	1	24.6		29		28		28		27		24		24		24		25		24		25		23		21	
TDS	500	10	350		350		350		350		390		300		370		370		400		390		380		410		**530♦**	
TOC	--	1	U		U		0.45 F		0.81 F		0.66 F		0.51 F		0.48 F		0.93 F		0.42 F		U		U		U		U	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		0.0011 F		0.0019 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-24																	
Date of Collection			**9/15/2009**		**3/23/2010**	**9/23/2010**	**6/9/2011**													
Sample ID No.			**LF6VM2449NA**		**LF6VM2449OA**	**LF6VM2449PA**	**LF6VM2449PA**													
Depth to Water (ft)			**12.68**		**12.19**	**13.80**	**11.50**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	U													
1,1-dichloroethene	5*	1	U		U	U	0.23 F													
1,2-dichloroethane	0.6	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	U		1.22 F	2.21 FB	U													
benzene	1	0.1	U		U	U	U													
carbon disulfide	1,000	0.5	U		U	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	5*	1	U		U	U	U													
cis-1,2-dichloroethene	5*	1	U		U	U	U													
dichlorodifluoromethane	5*	1	U		U	U	U													
hexachlorobutadiene	0.5*	0.6	U		U	U	U													
methylene chloride	5*	1	U		U	U	0.50 F													
m,p-xylene	5*	2	U		U	U	U													
trichloroethene (TCE)	5*	1	U		U	U	U													
toluene	5*	1	U		U	U	U													
trans-1,2-dichloroethene	5*	1	U		U	U	U													
trichlorofluoromethane	5*	1	U		U	U	U													
vinyl chloride	2	1	U		U	U	U													
xylenes, Total	--	1.5	U		U	U	U													
Total VOCs (µg/L)			**0**		**1.22**	**2.21**	**0.73**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	280	300	330	360	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	19	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	56,000	59,000	65,000	71,000	NA													
chromium	50	10	U	U	7.6 F	U	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	U	U	28 F	25 F	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	24,000	26,000	28,000	30,000	NA													
manganese	300	10	37	U	42	43	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	1,200	1,400	1,500	1,600	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**70,000**	**75,000**	**76,000**	**82,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	47 F	U	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	120		130	130	120													
ammonia	2	0.2	0.093		0.065	0.073	0.19													
BOD5	--	2.4	U		8.5	3.8 J	9.4													
bromide	2	0.5	0.58		0.7	U	0.67													
COD	--	5	6.7 F		U	5.6 FB	6.6 F													
chloride	250	1	180		210	240	250													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0090 F	U	NA													
hardness, Total	--	1	250		280	300	340													
nitrate	10	1	U		U	U	U													
TKN	1	0.2	0.95		0.54 B	0.24 B	0.45 F													
sulfate	250	1	24		18	16	22													
TDS	500	10	**530**		**510**	**620**	**710**													
TOC	--	1	0.67 F		U	0.85 F	0.51 F													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-25																							
Date of Collection			6/29/2006		9/19/2006		12/12/2006		4/17/2007		6/25/2007		10/1/2007		12/11/2007		4/3/2008		6/17/2008		10/2/2008		12/11/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6VM2544AA		LF6VM2544BB		LF6VM2544CA		LF6VM2544DA		LF6VM2544EA		LF6VM2544FA		LF6VM2544GA		LF6VM2544HA		LF6VM2544IA		LF6VM2544JA		LF6VM2544KA		LF6VM2544LA		LF6VM2544MA	
Depth to Water (ft)			3.13		3.72		2.86		1.83		2.85		3.56		3.10		2.10		2.99		3.37		2.87		2.62		3.08	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		0.140 F		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.290 F		U		U		U		0.150 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0**		**0.29**		**0**		**0**		**0**		**0.190**		**0**		**0**		**0**		**0**		**0**		**0**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	46.1 F	1,770	U	315	U	69 F	61 F	U	U	U	U	U	U	44 F	U	U	U	U	45 F	66 F	U	U	U	79 F	U	65 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	87.2	92.6	89.6	91.4	88	89	100	110	100	100	98	100	97	100	100	100	100	99	110	110	100	110	96	98	110	110
berylium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	81.4	74.1	NA	NA	NA	NA	NA	NA	62	62	NA	NA	NA	NA	50	51	50	48	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	145,000	145,000	140,000	142,000	140,000	140,000	140,000	150,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	140,000	150,000	150,000	160,000	170,000	150,000	160,000	170,000	180,000
chromium	50	10	U	26.1	U	11	4.4 F	9.2 F	4.8 F	2.2 F	2.2 F	2.6 F	2.0 F	3.3 F	4.0 F	U	U	U	3.2 F	2.9 F	3.0 F	3.8 F	3.7 F	4.2 F	U	3.2 F	U	4.4 F
cobalt	--	60	0.8 F	1.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.2 F	17.4	U	6.01 F	3.3 F	6.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	4.0 F	U	U
iron	300	200	U	**3,030**	25.1 F	**603**	33 F	240	23 F	76 F	17 F	42 F	68	53 F	24 F	61 F	20 F	38 F	3.9 F	23 F	28 F	54 F	30 F	66 F	22 F	140 F	31 F	86 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	15,500	16,400	15,300	15,600	15,000	15,000	16,000	16,000	15,000	16,000	15,000	16,000	15,000	16,000	16,000	16,000	16,000	16,000	17,000	17,000	17,000	18,000	16,000	16,000	18,000	18,000
manganese	300	10	**3,520**	**3,660**	**3,590**	**3,610**	**3,600**	**3,600**	**3,600**	**3,800**	**3,600**	**3,700**	**3,700**	**3,700**	**3,600**	**3,900**	**3,800**	**3,800**	**3,700**	**3,700**	**4,200**	**4,200**	**4,500**	**4,700**	**4,300**	**4,400**	**4,800**	**5,000**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	7.6 F	26.8	2.67 F	9.07 F	3.9 F	6.5 F	3.5 F	3.5 F	3.0 F	3.4 F	2.9 F	4.0 F	3.0 F	3.4 F	2.7 F	2.9 F	2.5 F	3.5 F	3.4 F	3.5 F	3.3 F	3.6 F	3.4 F	4.1 F	3.3 F	4.2 F
potassium	--	1,000	4,220	4,380	3,770	3,880	4,000	3,900	4,300	4,500	4,400	4,500	4,200	4,300	4,200	4,500	4,300	4,400	4,100	4,200	3,900	3,900	3,900	3,900	3,600	3,600	3,700	3,600
selenium	10	30	U	U	U	U	U	U	U	3.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	2.8 F	U	U	U	U	U	U	1.6 F	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	17,200	15,000	16,100	16,200	16,000	15,000	16,000	17,000	15,000	15,000	15,000	15,000	15,000	16,000	15,000	15,000	10,000	9,800	11,000	11,000	11,000	11,000	9,800	9,600	8,800	8,400
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	4.7 F	U	1.34 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	9.7 F	18.8 F	28.6 B	24.7 B	5.5 F	8.3 F	U	U	U	U	38 B	13 F	31 B	51 B	12 F	12 F	11 F	15 F	16 F	13 F	68 B	47 B	U	U	U	6.3 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	478		390		120		400		380		390		380		380		370		320		340		370		360	
ammonia	2	0.2	0.077		0.94		1.0		1.3		1.4		1.4		1.4		1.5		1.6		1.5		1.6		1.5		1.5	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.024 F		U		0.050 F		0.024 F		0.029 F		0.040 F		0.024 F		.062 F		0.13		UJ		0.14 F		0.11	
COD	--	5	U		7.1 F		16		19 B		22 B		13		15 B		13		8.5 F		15		15		10		16	
chloride	250	1	11.5		15		14		14		17		19		18		13		15		28		20		12		13	
color	15	5	**25**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		0.016 F		NA		NA		NA		NA		NA	
hardness, Total	--	1	720		460		28		420		410		12		460		400		440		420		480		440		500	
nitrate	10	1	U		0.017 F		0.089 F		U		U		0.038 F		0.032 F		0.025 F		0.018 F		0.041 F		U		0.086 F		0.021 F	
TKN	1	0.2	**1.2**		**1.1**		**1.1**		**1.2**		**1.4**		**1.3**		**1.4**		**1.5**		**1.4**		**1.6**		**1.5**		**2.1**		**1.7**	
sulfate	250	1	36.3		36		33		33		34		36		36		38		47		120		120		110		120 J	
TDS	500	10	498		470		490		**510**		**500**		**510**		**500**		450		430		**560**		470		**560**		**670**	
TOC	--	1	3.9		3.5		3.7		3.3		3.7		3.4		3.5		3.4		3.0		3.6		3.0		2.8		2.9	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-25																	
Date of Collection			**9/16/2009**		**3/23/2010**	**9/15/2010**	**6/8/2011**													
Sample ID No.			**LF6VM2544NA**		**LF6VM2544OA**	**LF6VM2544PA**	**LF6VM2544PA**													
Depth to Water (ft)			**3.84**		**3.09**	**4.48**	**2.69**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	U													
1,1-dichloroethene	5*	1	U		U	U	U													
1,2-dichloroethane	0.6	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	U		U	1.06 FB	U													
benzene	1	0.1	U		U	U	U													
carbon disulfide	1,000	0.5	U		U	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	5*	1	U		U	U	U													
cis-1,2-dichloroethene	5*	1	U		U	U	U													
dichlorodifluoromethane	5*	1	U		U	U	U													
hexachlorobutadiene	0.5*	0.6	U		U	U	U													
methylene chloride	5*	1	U		U	U	U													
m,p-xylene	5*	2	U		U	U	U													
trichloroethene (TCE)	5*	1	U		U	U	U													
toluene	5*	1	U		U	U	U													
trans-1,2-dichloroethene	5*	1	U		U	U	U													
trichlorofluoromethane	5*	1	U		U	U	U													
vinyl chloride	2	1	U		U	U	U													
xylenes, Total	--	1.5	U		U	U	U													
Total VOCs (µg/L)			**0**		**0**	**1.06**	**0**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	67 F	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	100	100	89	71	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	39	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	190,000	180,000	180,000	150,000	NA													
chromium	50	10	U	U	U	U	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	25	U	NA													
iron	300	200	31 F	93 F	66 F	31 F	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	18,000	17,000	18,000	15,000	NA													
manganese	300	10	**5,100**	**5,100**	**5,000**	**3,900**	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	4.0 F	4.2 F	2.9 F	2.9 F	NA													
potassium	--	1,000	3,600	3,500	3,700	3,600	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	9,100	8,700	11,000	13,000	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	19 F	5.5 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	350		390	330	360													
ammonia	2	0.2	1.5		1.3	1.0	0.78													
BOD5	--	2.4	U		U	U	2.2 F													
bromide	2	0.5	0.14 F		U	U	U													
COD	--	5	14		15	U	8.7 F													
chloride	250	1	23		19	21	19													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.0084 F	U	U													
hardness, Total	--	1	530		520	440	370													
nitrate	10	1	0.043 F		0.052 F	U	U													
TKN	1	0.2	**1.4**		**1.5**	**1.2**	0.96 F													
sulfate	250	1	150		160	110	70													
TDS	500	10	**640**		**590**	500	480													
TOC	--	1	3.1		2.9	3.4 B	2.6													
phenolics, Total	--	0.005	U		U	U	U													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-26																							
Date of Collection			7/6/2006		9/19/2006		12/13/2006		4/17/2007		6/25/2007		10/1/2007		12/12/2007		4/7/2008		6/18/2008		9/29/2008		12/11/2008		4/16/2009		7/1/2009	
Sample ID No.			LF6VM02650AA		LF6VM02650BB		LF6VM2650CA		LF6VM2650DA		LF6VM2650EA		LF6VM2650FA		LF6VM2650GA		LF6VM2650HA		LF6VM2650IA		LF6VM2650JA		LF6VM2650KA		LF6VM2650LA		LF6VM2650MA	
Depth to Water (ft)			5.35		5.72		4.65		3.85		4.87		5.63		4.91		4.13		4.91		5.39		4.85		4.50		4.92	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	UM		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	UM		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	UM		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	UM		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		0.600 F	
chloroform	7	0.3	UM		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	UM		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	**99 M**		**75.2**		**106**		**90.5 J**		**102**		**91.8**		**108♦**		**115**		**92.8**		**78.0**		**93.9**		**87.4**		**105**	
dichlorodifluoromethane	5*	1	UM		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	UM		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	UM		0.12 F		U		U		1.20 F		U		0.550 F♦		U		U		U		U		U		U	
m,p-xylene	5*	2	UM		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	UM		U		U		1.07		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	UM		U		U		U		U		U		U		U		U		U		U		0.800 F		U	
trichlorofluoromethane	5*	1	UM		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	0.72 M		0.63		U		0.610 F		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	UM		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**99.72**		**75.95**		**106**		**92.18**		**103.20**		**91.8**		**108.55**		**115**		**92.8**		**78.0**		**93.90**		**88.20**		**105.60**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	42.4 F	**3,210**	U	153 F	U	U	49 F	U	U	U	U	71 F	U	45 F	U	U	U	55 F	44 F	48 F	83 F	U	U	390	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.0 F♦	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	131	182	153	150	140	140	140	140	150	150	150	150	150	140	180	190	190	200♦	170	160	170	170	150	150	160	160
beryllium	3	4	U	0.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	74.5	75.8	NA	NA	NA	NA	NA	NA	65	64	NA	NA	NA	NA	67	71♦	71♦	74♦	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	64,500	74,600	66,700	65,800	66,000	66,000	65,000	65,000	68,000	68,000♦	68,000	69,000	69,000	66,000♦	87,000	91,000♦	89,000♦	90,000♦	77,000	74,000	76,000	76,000	66,000	68,000	72,000	70,000
chromium	50	10	U	10.3	1.7 F	4.87 F	4.4 F	4.8 F	5.4 F	2.7 F	3.6 F	5.0 F♦	4.3 F	5.1 F	6.0 F♦	7.0 F	5.2 F	6.2 F♦	4.9 F♦	5.7 F	5.6 F	6.1 F	6.1 F	5.6 F	3.4 F	5.6 F	3.4 F	U
cobalt	--	60	U	1.4 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	4 F	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	4.1 F♦	U	2.6 F	U	U	U	U	U	4.2 F	U	U
iron	300	200	U	**3,260**	276	**504**	280	**320**	**320**	**310**	**330**	**300**	280	**3,900**	290	**320**	**400**	**470♦**	**420♦**	**590**	270	240	**330**	**330**	210	**820**	270	250
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**36,700**	**40,200**	**39,600**	**39,500**	**39,000**	**39,000**	**37,000**	**38,000**	**38,000**	**40,000♦**	**39,000**	**40,000**	**40,000**	**39,000♦**	**51,000**	**53,000♦**	**52,000♦**	**53,000♦**	**44,000**	**43,000**	**44,000**	**45,000**	**39,000**	**40,000**	**41,000**	**41,000**
manganese	300	10	107	182	104	102	100	100	110	110	110	110	110	100	110	100♦	140	150	150	150	120	99	130	130	110	120	130	120
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	0.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.1 F	11.3 F	U	1.84 F	U	U	U	U	U	U	U	1.8 F	U	2.1 F	U	U	U	1.6 F	2.4 F	3.3 F	U	U	U	3.0 F	U	U
potassium	--	1,000	1,360	2,620	1,350	1,430	1,400	1,400	1,500	1,400	1,500	1,600♦	1,500	1,500	1,600	1600♦	1,700	1800♦	1,700♦	1,700♦	1,600	1,600	1,600	1,700	1,400	1,600	1,500	1,400
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	2.9 F	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	17,500	20,000	**20,200**	19,800	20,000	20,000	20,000	19,000	20,000	20,000	**22,000**	**22,000**	**23,000**	**23,000♦**	**25,000**	**26,000**	**27,000♦**	**27,000♦**	**29,000**	**28,000**	**35,000**	**35,000**	**29,000**	**29,000**	**30,000**	**28,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.2 F	7.4 F	11.8 F	35.8 B	10 F	4.4 F	U	U	U	U	25 B	50 B	31 B	26 B	13 F♦	13 F♦	15 F	11 F	11 F	12 F	74 B	63 B	U	U	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	306		260		240		240		240		240		230		240		250		250		230		220		220	
ammonia	2	0.2	U		U		U		U		0.028 F		0.012 F		U		0.043 F♦		0.21♦		U		U		0.030 F		0.088	
BOD5	--	2.4	U		U		2.1		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	0.26 F		0.07 F		U		0.080 F		0.055 F		0.059 F		0.090 F♦		0.19		0.22		0.12 F		UJ		0.076 F		0.063 F	
COD	--	5	UM		U		9.4 F		17 BJ		17 B♦		U		11 B♦		8.5 F		13♦		3.7 F		3.7 F		6.0 F		6.7 F	
chloride	250	1	50		45		51		48		52		61		62		130		120		88		200		93		85	
color	15	5	**70**		NA		NA		NA		U		NA		NA		U		10		NA		NA		U		NA	
cyanide, Total	200	0.02	UM		NA		NA		NA		U		NA		NA		0.0072 F		U		NA		NA		NA		NA	
hardness, Total	--	1	370 M		330		320		320		330		320		350♦		420		420		360		360		340		350	
nitrate	10	1	U		U		U		U		U		U		U		U		U		0.031 F		U		U		U	
TKN	1	0.2	UM		U		U		U		U		U		U		U		0.21 J		U		U		U		0.11 F	
sulfate	250	1	41		42		42		45		53		54		55		53		48		49		46		58		54	
TDS	500	10	419		350		380		390		420♦		450		460		**520**		**580♦**		**530**		460		440		**520**	
TOC	--	1	0.84 F		0.61 F		0.74 F		0.84 F		1.1		1.1		1.1 ♦		1.4		0.60 F		0.70 F		U		U		0.41 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		0.0092 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6VMW-26																	
Date of Collection			**9/16/2009**		**3/24/2010**	**9/16/2010**	**6/8/2011**													
Sample ID No.			**LF6VM2650NA**		**LF6VM2650OA**	**LF6VM2650PA**	**LF6VM2650PA**													
Depth to Water (ft)			**5.57**		**5.00**	**6.22**	**4.47**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	U													
1,1-dichloroethene	5*	1	U		U	U	U													
1,2-dichloroethane	0.6	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	U		U	5.35	U													
benzene	1	0.1	U		U	U	U													
carbon disulfide	1,000	0.5	U		U	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	5*	1	U		U	U	U													
cis-1,2-dichloroethene	5*	1	**100**		**80. 4♦**	**82**	**100 F**													
dichlorodifluoromethane	5*	1	U		U	U	U													
hexachlorobutadiene	0.5*	0.6	U		U	U	U													
methylene chloride	5*	1	U		U	U	U													
m,p-xylene	5*	2	U		U	U	U													
trichloroethene (TCE)	5*	1	U		U	U	U													
toluene	5*	1	U		U	U	U													
trans-1,2-dichloroethene	5*	1	0.550 F		U	U	0.35 F													
trichlorofluoromethane	5*	1	U		U	U	U													
vinyl chloride	2	1	U		U	U	U													
xylenes, Total	--	1.5	U		U	U	U													
Total VOCs (µg/L)			**100.55**		**80.4**	**87.35**	**100.35**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	160	160	160	170	NA													
beryllium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	68	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	71,000	72,000	72,000	75,000	NA													
chromium	50	10	U	U	U	U	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	170	170	180	120 F	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	**42,000**	**43,000**	**46,000**	**51,000**	NA													
manganese	300	10	120	110	120	130	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	2.4 F	NA													
potassium	--	1,000	1,400	1,500	1,600	1,700	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**27,000**	**26,000**	**28,000**	**28,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	6.2 F	U	7.7 F♦	9.1 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	210		200	220	230													
ammonia	2	0.2	U		U	U	0.098													
BOD5	--	2.4	U		U	24 J	2.5													
bromide	2	0.5	0.083 F		U	U	0.11													
COD	--	5	6.7 F		U	23	U													
chloride	250	1	100		140 ♦	140	150 ♦													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		NA	U	U													
hardness, Total	--	1	360		370	400	410 ♦													
nitrate	10	1	0.044 F		0.060 F	U	U													
TKN	1	0.2	U		0.28 B ♦	U	0.31													
sulfate	250	1	53		49	51	50													
TDS	500	10	430		490♦	440	490													
TOC	--	1	0.60 F		0.66 F	1.0	0.81 ♦													
phenolics, Total	--	0.005	U		U	U	U													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMCMW-9																					
Date of Collection			6/29/2006		9/19/2006		12/12/2006		4/17/2007		6/25/2007		10/1/2007		12/11/2007		4/3/2008		6/17/2008		10/2/2008		12/10/2008		4/16/2009		6/30/2009	
Sample ID No.			TMC0919AA		TMC0919BB		TMCM0919CA		TMCM0919DA		TMCM0919EA		TMCM0919FA		TMCM0919GA		TMCM0919HA		TMCM0919IA		TMCM0919JA		TMCM0919KA		TMCM0919LA		TMCM0919MA	
Depth to Water (ft)			2.62		3.20		2.82		1.23		2.36		3.02		2.62		1.50		3.32		3.15		2.29		2.06		2.48	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
acetone	50	10	U		U		U		U		U		U		1.20 F		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		U		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	U		U		U		U		U		U		U		U		U		U		U		UJ		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		U		U		U		U		U		U		U		0.480 F		U		U	
cis-1,2-dichloroethene	5*	1	U		0.12 F		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	U		U		U		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		U		0.120 F		U		U		U		0.190 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		U		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**0**		**0.12**		**0.12**		**0**		**0**		**0**		**1.390**		**0**		**0**		**0**		**0.480**		**0**		**0**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	38.8 F	36.6 F	U	U	U	U	44 F	U	U	46 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	21.8 F	20.8 F	28.8 F	28.6 F	19 F	15 F	16 F	16 F	22 F	20 F	22 F	20 F	20 F	16 F	18 F	18 F	22 F	19 F	20 F	20 F	15 F	15 F	15 F	12 F	20 F	19 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
boron	1,000	110	187	183	NA	NA	NA	NA	NA	NA	190	190	NA	NA	NA	NA	180	180	200	180	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	173,000	174,000	180,000	176,000	170,000	160,000	170,000	170,000	180,000	180,000	170,000	180,000	170,000	170,000	170,000	170,000	190,000	170,000	160,000	170,000	160,000	160,000	150,000	140,000	170,000	160,000
chromium	50	10	U	U	2.68 F	3.04 F	5.1 F	4.3 F	4.8 F	2.7 F	3.5 F	7.7 F	4.2 F	12.0	6.0 F	2.8 F	1.8 F	2.3 F	4.9 F	4.0 F	3.7 F	6.2 F	4.4 F	6.0 F	3.3 F	17	U	3.5 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	U	U	U	U	2.8 F	2.3 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
iron	300	200	U	85.2 F	**654 J**	**329 J**	32 F	14 F	16 F	27 F	21 F	18 F	300	200 J	11 F	12 F	15 F	17 F	46 F	26 F	150 F	180	U	14 F	U	U	25 F	22 F
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
magnesium	35,000	1,000	**35,300**	**36,500**	**37,000**	**36,000**	**36,000**	**36,000**	**36,000**	**36,000**	35,000	**36,000**	35,000	**36,000**	34,000	**36,000**	35,000	35,000	**37,000**	34,000	32,000	34,000	34,000	34,000	31,000	32,000	32,000	31,000
manganese	300	10	**1,690**	**1,730**	**2,420**	**2,440**	**810 J**	13 J	**500**	**480**	**1,800**	**1,500**	**2,100**	**1,600 J**	**910 J**	6.3 F	**380**	**320**	**2,000**	**1,900**	**2,000**	**2,000**	6.3 F	9.7 F	49	3.8 F	**2,400**	**2,200**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	2.4 F	3.2 F	2.8 F	3.33 F	3.0 F	1.7 F	2.0 F	1.7 F	2.9 F	2.1 F	3.8 F	2.9 F	2.0 F	U	U	1.3 F	3.0 F	2.3 F	2.8 F	2.9 F	U	U	U	U	2.8 F	2.6 F
potassium	--	1,000	10,100	10,100	10,200	9,810	10,000	10,000	9,800	10,000	9,700	10,000	9,600	10,000	10,000	11,000	10,000	10,000	10,000	9,200	9,200	9,500	9,500	9,700	9,100	9,100	9,100	8,900
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	2.7 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**67,900**	**67,800**	**67,900**	**65,800**	**63,000**	**64,000**	**65,000**	**66,000**	**64,000**	**66,000**	**65,000**	**67,000**	**67,000**	**70,000**	**68,000**	**69,000**	**69,000**	**63,000**	**63,000**	**64,000**	**65,000**	**66,000**	**62,000**	**63,000**	**60,000**	**58,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	0.67 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
zinc	2,000	20	4.4 F	7.6 F	24.6 B	21.3 F	8.9 F	9.4 F	7.9 F	7.9 F	10 F	19 F	56 B	41 B	47 B	38 B	13 F	11 F	11 F	12 F	15 F	14 F	61 B	66 B	U	U	U	4.4 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	596		500		480		500		500		500		480		500		520		500		480		440		490	
ammonia	2	0.2	0.8		1.5		U		0.42		1.3		1.3		0.028 F		0.28		1.4		1.3		U		0.041 F		1.3	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		U		U		0.11 F		U		0.077 F		0.098 F		0.051 F		0.1		0.11 F		UJ		U		0.083 F	
COD	--	5	20.2 B		5 F		11		17 B		33		13		17 B		8.5 F		8.5 F		15		15 B		15		11	
chloride	250	1	86.4		89		90		88		93		87		87		87		82		80		79		78		70	
color	15	5	10		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		0.0089 F		NA		NA		0.0061 F		NA		NA		NA		NA		NA	
hardness, Total	--	1	546		610		530		560		570		570		530		540		640		560		470		470		540	
nitrate	10	1	0.05 F		0.065 F		1.4		1.2		0.17 F		0.13 F		1.5		1.1		U		0.088 F		1.4		1.7		0.12 F	
TKN	1	0.2	**1.4**		**1.5**		0.13 F		0.41		**1.4**		**1.3**		0.12 F		0.4		**1.2**		**1.3**		0.069 F		0.11 F		**1.5**	
sulfate	250	1	87.4		93		92		85		90		85		84		87		82		77		74		74		66	
TDS	500	10	**772**		**810**		**750**		**810**		**730**		**830**		**730**		**740**		**810**		**730**		**700**		**710**		**830**	
TOC	--	1	3.5		3.3		3.4		3.3		4.0		3.4		3.2		3.3		3.2		3.3		3.7 B		2.9		3.5	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMCMW-9																	
Date of Collection			**9/16/2009**		**3/23/2010**	**9/15/2010**	**6/8/2011**													
Sample ID No.			**TMCM0919NA**		**TMCM0919OA**	**TMCM0919PA**	**TMCM0919PA**													
Depth to Water (ft)			**3.26**		**2.45**	**3.88**	**2.18**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	U													
1,1-dichloroethene	5*	1	U		U	U	U													
1,2-dichloroethane	0.6	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	U		U	1.53 FB	U													
benzene	1	0.1	U		U	U	U													
carbon disulfide	1,000	0.5	U		U	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	5*	1	U		U	U	U													
cis-1,2-dichloroethene	5*	1	0.110 F		U	0.120 F	U													
dichlorodifluoromethane	5*	1	U		U	U	U													
hexachlorobutadiene	0.5*	0.6	U		U	U	U													
methylene chloride	5*	1	U		U	U	U													
m,p-xylene	5*	2	U		U	U	U													
trichloroethene (TCE)	5*	1	U		U	U	U													
toluene	5*	1	U		U	U	U													
trans-1,2-dichloroethene	5*	1	U		U	U	U													
trichlorofluoromethane	5*	1	U		U	U	U													
vinyl chloride	2	1	U		U	U	U													
xylenes, Total	--	1.5	U		U	U	U													
Total VOCs (µg/L)			**0.11**		**0**	**1.65**	**0**													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	U	U	U	U	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	U	NA													
barium	1,000	50	23 F	23 F	15 F	22 F	NA													
berylium	3	4	U	U	U	U	NA													
boron	1,000	110	U	U	170	NA	NA													
cadmium	5	5	U	U	U	U	NA													
calcium	--	1,100	160,000	160,000	150,000	150,000	NA													
chromium	50	10	U	U	4.4 F	U	NA													
cobalt	--	60	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	**2,000**	**2,000**	11 F	U	NA													
lead	25	25	U	U	U	U	NA													
magnesium	35,000	1,000	30,000	32,000	31,000	30,000	NA													
manganese	300	10	**2,300**	**2,300**	95	**2,100**	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	2.6 F	2.9 F	U	27 F	NA													
potassium	--	1,000	8,800	9,200	9,400	9,700	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	**57,000**	**59,000**	**55,000**	**55,000**	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	4.1 F	10 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	480		460	500	470													
ammonia	2	0.2	1.3		U	1.4	0.75													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.097 F		0.1 F	U	U													
COD	--	5	16		12	12	7.3 F													
chloride	250	1	72		70	70	69													
color	15	5	NA		U	NA	U													
cyanide, Total	200	0.02	NA		0.012 F	U	U													
hardness, Total	--	1	580		490	510	460													
nitrate	10	1	0.21		1.1	U	0.45 F													
TKN	1	0.2	**1.3**		U	**1.5**	0.86 F													
sulfate	250	1	66		63	59	60													
TDS	500	10	**710**		**630**	**620**	**650**													
TOC	--	1	3.3		2.9	3.8	3.4													
phenolics, Total	--	0.005	U		U	U	U													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMC-USGS-2																							
Date of Collection			7/6/2006		9/19/2006		12/13/2006		4/18/2007		6/21/2007		10/1/2007		12/11/2007		4/8/2008		6/18/2008		10/2/2008		12/11/2008		4/14/2009		7/1/2009	
Sample ID No.			TMCUM0277AA		TMCUM0277BB		TMCUM0227CA		TMCUM0227DA		TMCUM0227EA		TMCUM0277FA		TMCUM0277GA		TMCUM0277HA		TMCUM0227IA		TMCUM0227JA		TMCUM0227KA		TMCUM0227LA		TMCUM0227MA	
Depth to Water (ft)			4.38		4.81		3.62		2.66		3.91		5.03		4.25		3.20		6.80		4.68		4.00		3.85		4.17	
VOCs (µg/L)																												
1,1,1-trichloroethane	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
1,1-dichloroethene	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
1,2-dichloroethane	0.6	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		0.25 F		U		UJ		0.110 F		0.100 F		U		U		U		U		U		U		U	
acetone	50	10	1 F		U		U		UJ		U		U		U		U		U		U		U		U		U	
benzene	1	0.1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
carbon disulfide	1,000	0.5	0.11 F		U		U		UJ		U		U		U		U		U		U		U		UJ		0.140 F	
chloroform	7	0.3	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
chloromethane	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5*	1	U		U		U		UJ		U		U		U		U		U		U		0.360 F		U		U	
dichlorodifluoromethane	5*	1	U		U		UJ		UJ		U		U		U		U		U		U		U		U		U	
hexachlorobutadiene	0.5*	0.6	0.16 F		U		U		UJ		U		U		U		U		U		U		U		U		U	
methylene chloride	5*	1	U		0.43 F		0.170 F		UJ		0.120 F		U		0.150 F		U		U		U		U		U		U	
m,p-xylene	5*	2	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-dichloroethene	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
trichlorofluoromethane	5*	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
vinyl chloride	2	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
xylenes, Total	--	1.5	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
Total VOCs (µg/L)			**1.27**		**0.68**		**0.17**		**0**		**0.23**		**0.1**		**0.150**		**0**		**0**		**0**		**0.36**		**0**		**0.140**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	2,000	200	45.4 F	**3,470**	51.4 F	**5,820**	U	**17,000**	42 F	**16,000**	U	**4,500**	U	**7,900**	U	**4,900**	U	**4,300**	**2,200**	**4,600**	880	**4,100**	U	**9,400**	U	**19,000**	U	**5,100**
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.7 F	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	6.5 F	U	4.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	6.3 F	U	U	U
barium	1,000	50	166	233	215	280	210	420	220	410	190	250	200	280	190	250	200	250	220	260	210	240	220	310	220	440	230	270
beryllium	3	4	U	0.3 F	U	U	U	0.96 F	U	0.91 F	U	U	U	0.30 F	U	U	U	0.17 F	U	0.20 F	U	0.23 F	U	0.29 F	U	0.81 F	U	U
boron	1,000	110	20.7	17.2	NA	NA	NA	NA	NA	NA	9.9 F	17	NA	NA	NA	NA	15.0	1.9	15.0	18.0	NA	NA	NA	NA	NA	NA	U	U
cadmium	5	5	U	0.9 F	U	0.44 F	0.62 F	1.9 F	U	1.0 F	U	U	U	U	1.7 F	**11.0**	U	4.1 F	1.5 F	4.9 F	0.56 F	2.7 F	U	5.4	1.3 F	**7.0**	U	2.5 F
calcium	--	1,100	32,700	40,300	38,200	43,700	36,000	67,000	37,000	67,000	35,000	44,000	38,000	47,000	36,000	41,000	39,000	43,000	42,000	45,000	39,000	42,000	38,000	48,000	39,000	70,000	39,000	42,000
chromium	50	10	0.5 F	2.9 F	1.5 F	7.41 F	2.8 F	23	2.9 F	25	U	8.4 F	2.5 F	11	3.8 F	5.5 F	2.8 F	8.2 F	4.2 F	8.0 F	4.1 F	9.1 F	3.8 F	14	U	24	U	6.4 F
cobalt	--	60	U	1.5 F	U	U	U	9.2 F	U	11 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	9.4 F	U	U
copper	200	10	U	U	U	10.3	3.1 F	36	U	32	U	7.3 F	U	12	U	8.5 F	U	6.7 F	3.0 F	8.6 F	U	6.2 F	U	16	U	39	U	7.1 F
iron	300	200	U	**3,240**	6.13 F	**8,650**	18 F	**29,000**	28 F	**27,000**	32 F	**6,300**	28	**11,000**	41 F	**6,000**	19 F	**5,500**	**2,800**	**6,400**	**1,100**	**5,600**	50 F	**13,000**	U	**31,000**	55 F	**5,300**
lead	25	25	U	U	U	U	U	8.2 F	U	7.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	9.2 F	U	U
magnesium	35,000	1,000	15,600	18,200	17,800	21,100	18,000	29,000	17,000	29,000	17,000	21,000	18,000	22,000	17,000	20,000	19,000	21,000	20,000	22,000	19,000	21,000	19,000	23,000	19,000 F	32,000	19,000	21,000
manganese	300	10	37.8	107	U	208	17	**770**	20	**720**	19	190	13.0	260	20	150	14	140	89	190	41	150	44	**320**	7.1 F	**840**	31	130
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	15 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	3.5 F	1.22 F	8.46 F	2.1 F	24	U	U	U	5.2 F	1.5 F	11 F	U	6.0 F	U	5.8 F	2.3 F	5.3 F	1.9 F	6.0 F	U	11 F	U	28	U	5.4 F
potassium	--	1,000	667 F	1,910	741 F	2,430	780 F	5,400	750 F	5,600	630 F	2,200	730 F	3,200	820 F	2,400	740 F	2,200	1,300	2,100	1,000	2,100	750 F	3,800	710 F	5,400	670 F	2,400
selenium	10	30	U	U	U	U	U	2.9 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	13,600	16,000	16,200	16,700	16,000	17,000	16,000	17,000	16,000	17,000	16,000	17,000	15,000	16,000	16,000	17,000	16,000	17,000	16,000	15,000	15,000	16,000	16,000	16,000	16,000	16,000
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	5.8 F	U	9.71 F	0.97 F	28	U	27	U	7.0 F	U	13	U	8.1 F	U	6.9 F	3.8 F	7.9 F	1.6 F	6.8 F	U	16	U	32	U	8.6 F
zinc	2,000	20	4.2 F	11.4 F	17.6 F	56.6 B	8.5 F	84	8.4 F	72	U	24	18 F	56 B	31 B	76 B	11 F	27 B	20	34	17 F	27 B	63 B	91 B	U	87	U	18 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	156		130		190		240		150		170		170		150		190		160		150		180		130	
ammonia	2	0.2	0.066 B		0.077 B		0.12		0.10		0.09		0.048 F		0.1		0.026 F		0.22		0.052 B		0.053		0.086 B		0.073	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		U		U		U	
bromide	2	0.5	U		0.034 F		U		0.038 F		0.032 F		0.034 F		0.046 F		0.045 F		0.042 F		0.038 F		UJ		0.040 F		0.028 F	
COD	--	5	16.1 B		U		U		26 B		15 B		39		26 B		26 B		15		19		31		6.0 F		23	
chloride	250	1	21.9		22		21		21		23		21		21		21		21		22		19		23		23	
color	15	5	**100**		NA		NA		NA		U		NA		NA		U		U		NA		NA		U		NA	
cyanide, Total	200	0.02	U		NA		NA		NA		U		NA		NA		U		U		NA		NA		NA		NA	
hardness, Total	--	1	260		200		250		260		200		200		200		180		210		200		210		300		190	
nitrate	10	1	U		0.09 F		0.11		0.016 F		0.033 F		0.045 F		0.047 F		0.048 F		0.050 F		0.045 F		0.085		2.5 I		0.052 F	
TKN	1	0.2	0.1 F		0.077 F		0.40		0.34		0.13 F		0.11 F		0.095 F		0.098 F		**2.50**		0.15 F		0.19 F		0.46		0.18 F	
sulfate	250	1	32.8		35		33		34		34		33		31		33		32		32		29		33		31	
TDS	500	10	243		210		250		250		290		260		220		180		250		240		200		190		270	
TOC	--	1	0.54 F		0.76 F		0.73 F		U		U		0.51 F		0.66 F		U		U		0.55 F		U		U		0.50 F	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	TMC-USGS-2																	
Date of Collection			**9/16/2009**		**3/24/2010**	**9/15/2010**	**6/7/2011**													
Sample ID No.			**TMCUM0227NA**		**TMCUM0227OA**	**TMCUM0227PA**	**TMCUM0227PA**													
Depth to Water (ft)			**5.06**		**4.12**	**5.79**	**3.67**													
VOCs (µg/L)																				
1,1,1-trichloroethane	5*	1	U		U	U	NA													
1,1-dichloroethene	5*	1	U		U	U	NA													
1,2-dichloroethane	0.6	1	U		U	U	NA													
1,4-dichlorobenzene	3	0.5	U		U	U	NA													
acetone	50	10	U		U	2.15 FB	NA													
benzene	1	0.1	U		U	U	NA													
carbon disulfide	1,000	0.5	U		U	U	NA													
chloroform	7	0.3	U		U	U	NA													
chloromethane	5*	1	U		U	U	NA													
cis-1,2-dichloroethene	5*	1	U		U	U	NA													
dichlorodifluoromethane	5*	1	U		U	U	NA													
hexachlorobutadiene	0.5*	0.6	U		U	U	NA													
methylene chloride	5*	1	U		U	U	NA													
m,p-xylene	5*	2	U		U	U	NA													
trichloroethene (TCE)	5*	1	U		U	U	NA													
toluene	5*	1	U		U	U	NA													
trans-1,2-dichloroethene	5*	1	U		U	U	NA													
trichlorofluoromethane	5*	1	U		U	U	NA													
vinyl chloride	2	1	U		U	U	NA													
xylenes, Total	--	1.5	U		U	U	NA													
Total VOCs (µg/L)			**0**		**0**	**2.15**	NA													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	2,000	200	200 B	**6,200**	**5,100**	**20,000**	NA													
antimony	3	50	U	U	U	U	NA													
arsenic	25	30	U	U	U	6.2 F	NA													
barium	1,000	50	210	280	260	440	NA													
berylium	3	4	U	U	U	0.82 F	NA													
boron	1,000	110	U	U	20 B	NA	NA													
cadmium	5	5	U	4.1 F	4.1 F	**26**	NA													
calcium	--	1,100	39,000	46,000	42,000	78,000	NA													
chromium	50	10	U	7.4 F	4.1 F	34	NA													
cobalt	--	60	U	U	U	11 F	NA													
copper	200	10	U	13	7.3 F	50	NA													
iron	300	200	300	**9,100**	**5,300**	**31,000**	NA													
lead	25	25	U	U	U	9.6 F	NA													
magnesium	35,000	1,000	19,000	22,000	21,000	35,000	NA													
manganese	300	10	24	230	130	**1,000**	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	8.9 F	4.2 F	33	NA													
potassium	--	1,000	850 F	2,500	2,600	7,800	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	20,000	1,000	15,000	16,000	15,000	17,000	NA													
thallium	0.5	80	U	U	U	U	NA													
vanadium	--	10	U	11	8.7 F	33	NA													
zinc	2,000	20	6.2 F	32	22	120	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	150		160	200	140													
ammonia	2	0.2	0.063		U	0.082	0.14													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.036 F		U	U	U													
COD	--	5	34		14	47	U													
chloride	250	1	24		25	29	28													
color	15	5	NA		U	NA	5													
cyanide, Total	200	0.02	NA		NA	U	NA													
hardness, Total	--	1	210		190	340	190													
nitrate	10	1	0.1		0.092 F	U	0.11 F													
TKN	1	0.2	U		0.20 B	0.61 B	0.46 F													
sulfate	250	1	31		32	32	31													
TDS	500	10	260		230	260	250													
TOC	--	1	0.52 F		U	1.9 B	1.1													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-1																					
Date of Collection			12/20/2006		4/18/2007		6/21/2007		10/1/2007		12/11/2007		4/8/2008		6/18/2008		10/1/2008		12/10/2008		4/16/2009		6/30/2009		9/17/2009		3/24/2010
Sample ID No.			LF6LH0101CA		LF6LH0101DA		LF6LH0101EA		LF6LH0101FA		LF6LH0101GA		LF6LH0101HA		LF6LH0101IA		LF6LH0101JA		LF6LH0101KA		LF6LH0101LA		LF6LH0101MA		LF6LH0101NA		LF6LH0101OA
Depth to Water (ft)			Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate
VOCs (µg/L)																											
1,1,1-trichloroethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
1,1-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
1,2-dichloroethane	0.6	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
1,4-dichlorobenzene	3	0.5	U		UJ		U		U		U		U		U		U		U		U		U		U		U
acetone	50	10	U		2.34 F		U		U		U		U		U		U		U		1.45 F		1.08 F		2.63 F		1.81 F
benzene	1	0.1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
carbon disulfide	1,000	0.5	U		UJ		U		U		U		U		U		U		U		U		U		U		U
chloroform	7	0.3	U		UJ		U		U		U		U		U		U		U		U		U		U		U
chloromethane	5*	1	UJ		UJ		UJ		U		U		U		U		U		U		U		U		U		U
cis-1,2-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
dichlorodifluoromethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
hexachlorobutadiene	0.5*	0.6	U		UJ		U		U		U		U		U		U		U		U		U		U		U
methylene chloride	5*	1	0.210 F		UJ		U		U		0.120 F		U		U		U		U		U		U		U		U
m,p-xylene	5*	2	U		UJ		U		U		U		U		U		U		U		U		U		U		U
trichloroethene (TCE)	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
toluene	5*	1	U		U		U		U		U		U		U		U		U		U		0.230 F		0.310 F		U
trans-1,2-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
trichlorofluoromethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
vinyl chloride	2	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
xylenes, Total	--	1.5	U		UJ		U		U		U		U		U		U		U		U		U		U		U
Total VOCs (µg/L)			**0.21**		**2.34**		**0.21**		**0**		**0.120**		**0**		**0**		**0**		**0**		**1.45**		**1.31**		**2.94**		**1.81**
Metals (µg/L) [Dissolved / Total][1]																											
aluminum	2,000	200	U	60 F	46 F	**4,300**	U	U	U	**2,100**	U	**7,000**	U	290	U	**14,000**	U	**3,000**	69 F	**4,300**	U	**4,100**	U	U	64 F	1,400	57 F
antimony	3	50	U	U	U	U	U	U	U	U	U	U	U	U	U	2.7 F	U	U	U	U	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	7.2 F	U	U	U	U	U	7.5 F	U	U	U	U	U	14 F	13 F	22 F	18 F	**31**	U
barium	1,000	50	9.9 F	9.6 F	9.6 F	26 F	19 F	18 F	13 F	28 F	370	490	14 F	16 F	360	780	380	400	330	400	23 F	44 F	23 F	24 F	31 F	37 F	20 F
beryllium	3	4	U	U	U	U	U	U	U	U	U	0.36 F	U	U	U	0.81 F	U	0.12 F	U	U	U	0.21 F	U	U	U	U	U
boron	1,000	110	NA	U	NA	NA	8.8 F	12.0	NA	NA	NA	NA	9.9 F	10	41	54	NA	NA	NA	NA	NA	NA	U	U	U	U	12 B
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	0.63 F	U	U	U	U	U	U	U	U	U	U	U
calcium	--	1,100	55,000	53,000	40,000	42,000	58,000	61,000	59,000	63,000	45,000	57,000	44,000	47,000	48,000	90,000	50,000	53,000	48,000	57,000	44,000	48,000	59,000	63,000	63,000	68,000	52,000
chromium	50	10	4.9 F	3.7 F	2.0 F	7.9 F	U	2.8 F	1.8 F	3.6 F	4.2 F	14	1.8 F	2.5 F	2.5 F	22	5.0 F	8.7 F	5.0 F	9.1 F	U	6.6 F	U	U	4.5 F	U	U
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
copper	200	10	2.4 F	3.0 F	U	17	U	U	U	8.8 F	U	15	U	U	U	45	U	7.2 F	U	11	U	18	U	U	U	6.1 F	U
iron	300	200	230	**720**	7.2 F	**6,700**	140 F	**1,400**	53 F	**5,300**	U	**10,000**	57 F	**3,000**	14 F	**25,000**	**340**	**4,500**	100 F	**7,000**	27 F	**11,000**	**1,900**	**3,800**	**3,200**	**8,200**	**980**
lead	25	25	U	U	U	U	U	U	U	U	U	4.2 F	U	U	U	22 F	U	U	U	U	U	7.9 F	U	U	U	U	U
magnesium	35,000	1,000	15,000	15,000	10,000	12,000	11,000	12,000	11,000	12,000	28,000	34,000	10,000	11,000	31,000	**43,000**	30,000	32,000	30,000	33,000	12,000	13,000	15,000	15,000	16,000	16,000	14,000
manganese	300	10	**5,200**	**5,300**	**1,300**	**1,600**	**2,800**	**2,700**	**1,700**	**2,100**	110	**430**	**740**	**700**	120	**1,200**	**320**	300	240	**410**	**700**	**1,000**	**1,400**	**1,300**	**1,900**	**2,400**	**990**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
molybdenum	--	15	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	4.7 F	U	U	U	2.5 F	U	9.0 F	U	U	U	24	U	4.0 F	U	4.8 F	U	5.4 F	U	U	3.2 F	2.6 F	U
potassium	--	1,000	570 F	540 F	860 F	2,200	U	480 F	630 F	1,200	970 F	3,200	780 F	890	1,100	4,200	1,300	2,000	1,000	2,400	1,000	1,700	430 F	360 F	840 F	1,100	1,100
selenium	10	30	U	3.6 F	U	U	U	U	U	U	U	U	U	U	3.1 F	2.7 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	2,100	1,900	1,300	1,300	2300 B	2,400	2,000	2,100	**35,000**	**34,000**	1,300	1,300	**33,000**	**38,000**	**37,000**	**31,000**	**32,000**	**34,000**	2,000	1,800	4,200 J	3,300 J	4,100	3,800	4,600
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	U	U	8.6 F	U	U	U	5.1 F	U	16	U	1.0 F	U	45	U	7.7 F	U	9.7 F	U	9.3 F	U	U	U	3.7 F	U
zinc	2,000	20	7.7 F	6.8 F	U	21	U	U	18 F	47 B	48 B	59 B	10 F	17 F	12 F	170	12 F	34 B	65 B	75 B	U	42	U	U	U	21	10 F
Leachate Indicators (mg/L)																											
alkalinity, Total	--	10	180		130		180		180		190		150		180		190		190 B		150		190		200		160
ammonia	2	0.2	U		0.051		0.041 F		0.034 F		0.042 F		0.016 F		0.10 B		0.063 B		0.031 F		0.10 B		0.07		0.065		U
BOD5	--	2.4	3.1		2.1		U		U		U		2.2		2.4		U		U		2.6		U		2.4		U
bromide	2	0.5	U		U		U		U		0.27		U		0.33		0.19 F		UJ		0.013 F		0.021 F		0.022 F		U
COD	--	5	20		15 B		20 B		13		28 B		20		120		13		17 B		53		14		23		8.1 F
chloride	250	1	2.2		2.2		2.7		2.6		60		1.8		74		59		58		3.5		7.3		6.4		6.5
color	15	5	NA		NA		10		NA		NA		10		U		NA		NA		10		NA		NA		U
cyanide, Total	200	0.02	NA		NA		U		NA		NA		U		U		NA		NA		NA		NA		NA		NA
hardness, Total	--	1	200		140		210		210		290		160		480		270		250		170		220		240		180
nitrate	10	1	U		**16**		U		U		U		0.016 F		0.016 F		U		U		U		0.014 F		0.029 F		0.016 F
TKN	1	0.2	0.085 F		0.14 F		0.11 F		0.25 B		0.39		0.46		**2.2**		0.38		0.20		0.93		0.28		0.36		0.32 B
sulfate	250	1	23		U		19		20		36		16		34		38		37		20		8.3		14		24
TDS	500	10	200		160		240		220		340		140		390		330		360		210		250		250		230
TOC	--	1	2.1		1.8		3.1		2.6		1.4 F		1.9 B		U		1.7		1.2 B		1.9		2.6		3.5		2.4 B
phenolics, Total	--	0.005	U		U		U		U		U		0.0032 F		U		U		U		NA		NA		U		U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-1																					
Date of Collection			9/16/2010	6/8/2011																				
Sample ID No.			LF6LH0101PA	LF6LH0101PA																				
Depth to Water (ft)			Leachate	Leachate																				
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U	NA																				
1,1-dichloroethene	5*	1	U	NA																				
1,2-dichloroethane	0.6	1	U	NA																				
1,4-dichlorobenzene	3	0.5	U	NA																				
acetone	50	10	3.09 FB	NA																				
benzene	1	0.1	U	NA																				
carbon disulfide	1,000	0.5	U	NA																				
chloroform	7	0.3	U	NA																				
chloromethane	5*	1	U	NA																				
cis-1,2-dichloroethene	5*	1	U	NA																				
dichlorodifluoromethane	5*	1	U	NA																				
hexachlorobutadiene	0.5*	0.6	U	NA																				
methylene chloride	5*	1	U	NA																				
m,p-xylene	5*	2	U	NA																				
trichloroethene (TCE)	5*	1	U	NA																				
toluene	5*	1	1.08	NA																				
trans-1,2-dichloroethene	5*	1	U	NA																				
trichlorofluoromethane	5*	1	U	NA																				
vinyl chloride	2	1	U	NA																				
xylenes, Total	--	1.5	U	NA																				
Total VOCs (µg/L)			**4.17**	NA																				
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	**9,900**	NA																				
antimony	3	50	U	NA																				
arsenic	25	30	**89**	NA																				
barium	1,000	50	120	NA																				
beryllium	3	4	0.49 F	NA																				
boron	1,000	110	NA	NA																				
cadmium	5	5	U	NA																				
calcium	--	1,100	53,000	NA																				
chromium	50	10	12	NA																				
cobalt	--	60	U	NA																				
copper	200	10	44	NA																				
iron	300	200	**38,000**	NA																				
lead	25	25	16 F	NA																				
magnesium	35,000	1,000	21,000	NA																				
manganese	300	10	**3,200**	NA																				
mercury	0.7	1	U	NA																				
molybdenum	--	15	U	NA																				
nickel	100	20	12 F	NA																				
potassium	--	1,000	3,800	NA																				
selenium	10	30	U	NA																				
silver	50	10	U	NA																				
sodium	20,000	1,000	3,600	NA																				
thallium	0.5	80	U	NA																				
vanadium	--	10	21	NA																				
zinc	2,000	20	95	NA																				
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	190	200																				
ammonia	2	0.2	0.6	0.31																				
BOD5	--	2.4	9.7 J	U																				
bromide	2	0.5	U	U																				
COD	--	5	130	9.3 F																				
chloride	250	1	6.0	2.5 F																				
color	15	5	NA	**40**																				
cyanide, Total	200	0.02	U	U																				
hardness, Total	--	1	220	200																				
nitrate	10	1	U	U																				
TKN	1	0.2	**3.2**	0.87 F																				
sulfate	250	1	10	5.4																				
TDS	500	10	190	210																				
TOC	--	1	11	3.7																				
phenolics, Total	--	0.005	U	NA																				

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-2																					
Date of Collection			12/20/2006		4/18/2007		6/21/2007		10/1/2007		12/12/2007		4/8/2008		6/18/2008		10/1/2008		12/10/2008		4/16/2009		7/1/2009		9/17/2009		3/25/2010
Sample ID No.			LF6LH0201CA		LF6LH0201DA		LF6LH0201EA		LF6LH0201FA		LF6LH0201GA		LF6LH0201HA		LF6LH0201IA		LF6LH0201JA		LF6LH0201KA		LF6LH0201LA		LF6LH0201MA		LF6LH0201NA		LF6LH0201OA
Depth to Water (ft)			Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate		Leachate
VOCs (µg/L)																											
1,1,1-trichloroethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
1,1-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
1,2-dichloroethane	0.6	1	U		UJ		U		U		U		U		U		U		0.130 F		U		U		U		U
1,4-dichlorobenzene	3	0.5	U		UJ		U		U		U		0.180 F		U		U		U		U		U		U		U
acetone	50	10	U		UJ		U		U		U		U		U		U		1.85 F		U		U		U		U
benzene	1	0.1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
carbon disulfide	1,000	0.5	U		UJ		U		U		0.100 F		U		U		U		U		U		U		U		U
chloroform	7	0.3	U		UJ		U		U		U		U		U		U		U		U		U		U		U
chloromethane	5*	1	UJ		UJ		UJ		U		U		U		U		U		0.640 F		U		U		0.540 F		U
cis-1,2-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
dichlorodifluoromethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
hexachlorobutadiene	0.5*	0.6	U		UJ		U		U		U		U		U		U		U		U		U		U		U
methylene chloride	5*	1	0.150 F		UJ		0.120 F		U		U		U		U		U		U		U		U		U		U
m,p-xylene	5*	2	U		UJ		U		U		U		U		U		U		U		U		U		U		U
trichloroethene (TCE)	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
toluene	5*	1	U		U		U		U		U		U		1.33		0.400		U		U		U		U		U
trans-1,2-dichloroethene	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
trichlorofluoromethane	5*	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
vinyl chloride	2	1	U		UJ		U		U		U		U		U		U		U		U		U		U		U
xylenes, Total	--	1.5	U		UJ		U		U		U		U		U		U		U		U		U		U		U
Total VOCs (µg/L)			**0.15**		**0**		**0.12**		**0**		**0.100**		**0.180**		**1.330**		**0.400**		**2.85**		**0**		**0**		**0.54**		**0**
Metals (µg/L) [Dissolved / Total][1]																											
aluminum	2,000	200	U	880	45 F	300	U	98 F	U	**2,200**	U	U	U	**4,500**	150 F	**2,200**	41 F	1,900	71 F	**25,000**	U	**2,200**	U	620	U	380	**4,300**
antimony	3	50	U	U	U	U	U	U	U	2.1 F	U	U	U	U	U	U	U	U	U	**3.7 F**	U	U	U	U	U	U	U
arsenic	25	30	U	U	U	U	U	U	U	U	U	U	U	U	8.5 F	19 F	11 F	15 F	U	**30**	U	U	U	U	U	U	U
barium	1,000	50	370	370	400	400	340	390	400	440	16 F	13 F	350	480	54	120	34 F	44 F	28 F	200	320	390	390	410	410	430	440
beryllium	3	4	U	U	U	U	U	U	U	U	U	U	U	0.24 F	U	0.12 F	U	U	U	1.3 F	U	U	U	U	U	U	U
boron	1,000	110	NA	NA	NA	NA	41	42	NA	NA	NA	NA	41	43	9.7 F	12	NA	NA	NA	NA	NA	NA	U	U	U	U	47
cadmium	5	5	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.9 F	U	U	U	U	U	U	U
calcium	--	1,100	44,000	44,000	44,000	46,000	43,000	45,000	46,000	51,000	52,000	52,000	47,000	58,000	66,000	74,000	57,000	59,000	43,000	69,000	45,000	50,000	50,000	52,000	50,000	51,000	53,000
chromium	50	10	4.0 F	3.1 F	3.8 F	5.6 F	1.6 F	4.2 F	3.3 F	5.7 F	3.1 F	3.3 F	4.0 F	10	U	4.5 F	3.3 F	6.1 F	14	39	U	5.4 F	3.2 F	3.0 F	U	U	5.3 F
cobalt	--	60	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	13	U	U	U	U	U	U	U
copper	200	10	U	3.0 F	U	U	U	U	U	4.2 F	3.0 F	U	U	13	2.0 F	13	U	11	U	120	U	4.8 F	U	U	U	U	6.4 F
iron	300	200	20 F	**1,300**	7.6 F	**660**	58 F	300	8.6 F	**3,300**	**2,500 J**	**1,800 J**	U	**8,500**	**2,900**	**11,000**	**4,000**	**8,900**	**600**	**50,000**	U	**3,700**	200	**1,200**	190 F	**750**	**5,000**
lead	25	25	U	U	U	U	U	U	U	U	U	U	U	5.1 F	U	6.7 F	U	5.3 F	U	**58**	U	U	U	U	U	U	U
magnesium	35,000	1,000	28,000	28,000	27,000	28,000	28,000	29,000	29,000	31,000	12,000	12,000	31,000	34,000	12,000	13,000	13,000	14,000	12,000	20,000	28,000	30,000	31,000	31,000	30,000	30,000	32,000
manganese	300	10	110	160	100	130	110	120	110	210	**2,400 J**	**1,500 J**	110	**420**	**850**	**1,000**	**1,500**	**1,900**	**1,400**	**3,800**	8.60	230	120	150	120	140	220
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U	U	U	U
molybdenum	--	15	U	1.8 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	2.6 F	U	U	U	7.7 F	U	2.6 F	U	3.1 F	U	33	U	2.9 F	U	U	U	U	3.9 F
potassium	--	1,000	930 F	1,100	930 F	1,100	1,000	1,100	1,000	1,700	760 F	870 F	1,000	2,100	620 F	1,200	1,100	1,800	1,100	6,200	1,300	1,600	1,200	1,300	1,200	1,200	2,600
selenium	10	30	U	2.7 F	U	U	U	U	U	U	U	U	U	U	3.8 F	3.1 F	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	20,000	1,000	**29,000**	**29,000**	**32,000**	**33,000**	**28,000**	**32,000**	**36,000**	**36,000**	1,600 J	1,200 J	**34,000**	**35,000**	5,100 B	6,000	2,400 B	2,600 B	3,100 B	2,900 B	**39,000**	**38,000**	**41,000**	**41,000**	**44,000**	**43,000**	**42,000**
thallium	0.5	80	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
vanadium	--	10	U	2.2 F	U	U	U	U	U	5.0 F	U	U	U	U	1.0 F	6.9 F	U	4.8 F	U	61	U	4.6 F	U	U	U	U	8.7 F
zinc	2,000	20	7.7 F	11 F	U	U	U	U	20 B	38 B	62 B	50 B	11 F	51 B	20	100	12 F	33 B	24 B	370 B	U	12 F	U	5.0 F	17 F	13 F	17 F
Leachate Indicators (mg/L)																											
alkalinity, Total	--	10	190		180		180		180		160		190		190		170		140 B		180		170		170		160
ammonia	2	0.2	U		0.031 F		0.046 F		0.043 F		0.013 F		0.046 F		0.31		0.17		0.054		0.084 B		0.082		0.074		0.046 F
BOD5	--	2.4	U		U		U		U		4.1		U		9.6		3.8		13		U		U		U		U
bromide	2	0.5	0.080 F		0.19 F		0.17		0.32		U		0.13		0.029 F		0.023 F		UJ		0.31		0.22 F		0.31		0.24 F
COD	--	5	7.3 F		17 B		17 B		4.1 F		13 B		15		39		17		250		13		U		6.7 F		12
chloride	250	1	37		49		56		71		2.0		64		11		5.1		6.1		79		80		91		99
color	15	5	NA		NA		U		NA		NA		U		**45**		NA		NA		U		NA		NA		U
cyanide, Total	200	0.02	NA		NA		U		NA		NA		U		U		NA		NA		NA		NA		NA		NA
hardness, Total	--	1	220		220		230		250		200		280		250		220		210		250		250		260		270
nitrate	10	1	U		U		U		U		0.018 F		0.033 F		0.034 F		U		U		U		U		0.029 F		U
TKN	1	0.2	U		U		U		0.12 F		0.088 F		0.26		**1.8**		0.70		**4.6**		0.20		0.26		U		0.35 B
sulfate	250	1	37		36		39		36		24		36		15		17		21		39		38		38		37
TDS	500	10	270		320		360		390		200		330		250		210		190		400		420		380		380
TOC	--	1	0.56 F		U		U		0.71 F		2.7		0.49 F		4.6		5.7		5.9 B		U		U		0.46 F		1.3 B
phenolics, Total	--	0.005	U		U		U		U		U		0.0018 F		U		U		U		NA		NA		U		U

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class GA Groundwater Standards	Reporting Limit	LF6LH-2																					
Date of Collection			9/16/2010	6/8/2011																				
Sample ID No.			LF6LH0201PA	LF6LH0201PA																				
Depth to Water (ft)			Leachate	Leachate																				
VOCs (µg/L)																								
1,1,1-trichloroethane	5*	1	U	NA																				
1,1-dichloroethene	5*	1	U	NA																				
1,2-dichloroethane	0.6	1	U	NA																				
1,4-dichlorobenzene	3	0.5	U	NA																				
acetone	50	10	1.99 FB	NA																				
benzene	1	0.1	U	NA																				
carbon disulfide	1,000	0.5	U	NA																				
chloroform	7	0.3	U	NA																				
chloromethane	5*	1	U	NA																				
cis-1,2-dichloroethene	5*	1	U	NA																				
dichlorodifluoromethane	5*	1	U	NA																				
hexachlorobutadiene	0.5*	0.6	U	NA																				
methylene chloride	5*	1	U	NA																				
m,p-xylene	5*	2	U	NA																				
trichloroethene (TCE)	5*	1	U	NA																				
toluene	5*	1	U	NA																				
trans-1,2-dichloroethene	5*	1	U	NA																				
trichlorofluoromethane	5*	1	U	NA																				
vinyl chloride	2	1	U	NA																				
xylenes, Total	--	1.5	U	NA																				
Total VOCs (µg/L)			**1.99**	NA																				
Metals (µg/L) [Dissolved / Total][1]																								
aluminum	2,000	200	1,100	NA																				
antimony	3	50	U	NA																				
arsenic	25	30	U	NA																				
barium	1,000	50	510	NA																				
berylium	3	4	U	NA																				
boron	1,000	110	NA	NA																				
cadmium	5	5	U	NA																				
calcium	--	1,100	61,000	NA																				
chromium	50	10	U	NA																				
cobalt	--	60	U	NA																				
copper	200	10	U	NA																				
iron	300	200	**1,500**	NA																				
lead	25	25	U	NA																				
magnesium	35,000	1,000	35,000	NA																				
manganese	300	10	190	NA																				
mercury	0.7	1	U	NA																				
molybdenum	--	15	U	NA																				
nickel	100	20	U	NA																				
potassium	--	1,000	1,800	NA																				
selenium	10	30	U	NA																				
silver	50	10	U	NA																				
sodium	20,000	1,000	**48,000**	NA																				
thallium	0.5	80	U	NA																				
vanadium	--	10	U	NA																				
zinc	2,000	20	7.6 F	NA																				
Leachate Indicators (mg/L)																								
alkalinity, Total	--	10	160	160																				
ammonia	2	0.2	0.051	0.097 F																				
BOD5	--	2.4	U	4.1																				
bromide	2	0.5	U	0.19 F																				
COD	--	5	9.0 F	U																				
chloride	250	1	120	100																				
color	15	5	NA	5																				
cyanide, Total	200	0.02	U	U																				
hardness, Total	--	1	300	240																				
nitrate	10	1	U	U																				
TKN	1	0.2	0.32 B	0.45 F																				
sulfate	250	1	39	37																				
TDS	500	10	360	360																				
TOC	--	1	1.0	0.77 F																				
phenolics, Total	--	0.005	U	NA																				

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-1																							
Date of Collection			7/6/2006		9/19/2006		12/14/2006		4/17/2007		6/25/2007		10/1/2007		12/11/2007		4/3/2008		6/18/2008		10/1/2008		12/10/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6SW0101AA		LF6SW0101BB		LF6SW0101CA		LF6SW0101DA		LF6SW0101EA		LF6SW0101FA		LF6SW0101GA		LF6SW0101HA		LF6SW0101IA		LF6SW0101JA		LF6SW0101KA		LF6SW0101LA		LF6SW0101MA	
Depth to Water (ft)			Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
VOCs (µg/L)																												
1,2-dichlorobenzene	3	1	U		0.22 F		0.110 F		U		U		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		0.21 F		U		0.120 F		U		U		0.220 F		0.190 F		U		U		U		U		U	
acetone	50	10	2.2 F		2.21		1.45 F		U		1.6 F		U		1.51 F		U		U		U		2.47		2.38 F		1.81 F	
benzene	1	0.1	U		U		U		U		U		U		0.350 F		U		U		U		U		0.110 F		U	
carbon disulfide	--	0.5	U		U		U		U		U		U		0.170 F		U		U		U		U		U		U	
chlorobenzene	5	0.5	0.37 F		0.92		0.560		0.430 F		0.160 F		0.210 F		1.11		0.370 F		U		0.350 F		0.160		0.380 F		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		0.130 F		U	
chloromethane	--	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5**	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5	1	U		U		0.210 F		U		U		U		0.120 F		U		U		U		U		U		U	
tetrachloroethene	0.7	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5	1	U		0.13 F		U		U		U		U		U		U		U		U		U		U		U	
trans-1,2-Dichloroethene	5	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	0.3	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	57.2 F	77.8 F	U	47.5 F	U	46 F	83 F	98 F	U	U	U	U	U	**160 F**	49 F	76 F	U	97 F	U	**120 F**	90 F	**1,600**	U	U	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	13	U	U	U	U
barium	1,000	50	133	153	121	122	130	140	83	87	220	220	210	220	150	170	110	110	160	160	210	210	62	80	100	110	160	170
boron	1,000	110	36.2	31.4	NA	NA	NA	NA	NA	NA	23	25	NA	NA	NA	NA	20	20	16	16	NA	NA	NA	NA	NA	U	U	U
calcium	--	1,100	98,700	109,000	102,000	105,000	94,000	96,000	76,000	79,000	95,000	100,000	100,000	100,000	98,000	100,000	81,000	80,000	54,000	52,000	87,000	87,000	42,000	44,000	74,000	76,000	91,000	93,000
chromium	50	10	0.7 F	U	U	U	3.6 F	2.5 F	2.6 F	3.1 F	1.7 F	3.1 F	2.5 F	2.0 F	3.7 F	U	U	U	U	U	3.2 F	4.1 F	U	4.8 F	U	U	U	U
copper	200	10	U	U	U	U	2.2 F	3.3 F	U	U	U	U	U	U	U	2.8 F	2.5 F	2.6 F	U	U	U	U	U	13	U	U	U	U
iron	300	200	33.8 F	173 F	25 F	197 F	47 F	230	130 F	270	26 F	180 F	210	34 F	26 F	**660**	110	220	95 F	**370**	57 F	**520**	67 F	**2,400**	62 F	250	91 F	200
magnesium	35,000	1,000	19,200	20,500	18,200	18,600	19,000	19,000	12,000	13,000	22,000	24,000	24,000	25,000	20,000	20,000	15,000	14,000	13,000	12,000	20,000	20,000	6,000	6,400	15,000	16,000	20,000	20,000
manganese	300	10	8.7 F	172	186	196	290	**310**	170	190	210	230	260 J	210 J	**480**	**550**	140	140	150	160	**400**	**430**	100	260	110	120	59	63
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	2.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	2.0 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.1 F	U	U	U	U
potassium	--	1,000	1,680	1,860	2,080	2,150	2,000	U	1,800	1,800	1,800	1,900	1,900	2,000	2,100	2,100	1,900	1,800	1,000	1,000	1,900	2,000	1,300	1,700	2,000	1,800	1,600	1,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	1.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	88,600	99,900	93,400	95,000	74,000	75,000	74,000	76,000	86,000	89,000	88,000	91,000	110,000	110,000	81,000	80,000	39,000	37,000	72,000	71,000	86,000	94,000	77,000	77,000	85,000	86,000
vanadium	--	10	U	U	0.7 F	0.83 F	U	1.3 F	U	0.95 F	U	U	U	U	U	1.4 F	0.74 F	0.96 F	0.75 F	1.3 F	U	U	U	5.2 F	U	U	U	U
zinc	2,000	20	4.2 F	4.1 F	19.4 F	36.9 B	13 F	11 F	7.6 F	11 F	U	U	26 B	30 B	38 B	53 B	16 F	15 F	15 F	20	13 F	16 F	86 B	110 B	U	U	4.2 F	4.9 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	276		370		230		190		230		250		240		180		130		210		96 B		190		220	
ammonia	2	0.2	U		0.049 F		0.053		0.033 F		0.063		0.041 F		0.13		0.022 F		0.19		0.2		0.059		0.046 F		0.033 F	
BOD5	--	2.4	U		2.2		U		U		U		U		U		U		U		U		2.4		U		U	
bromide	2	0.5	0.31 F		0.14 F		0.11		0.12		0.28		0.28		0.23		0.13 F		0.2		0.26		UJ		0.19 F		0.18 F	
COD	--	5	U		50		20 B		26 B		15 B		8.5 F		15 B		15		15		17		33		120		11	
chloride	250	1	184		180		130		140		180		170		190		140		74		130		140		150		160	
color	15	5	**18 B**		NA		NA		NA		15		NA		NA		**45**		**20**		NA		NA		10		NA	
hardness, Total	--	1	370		340		300		250		340		350		330		260		200		300		150		260		320	
nitrate	10	1	0.48 F		0.42 F		0.69		1.1		0.1		0.042 F		0.72		0.82		0.24		0.29		0.49		0.39 F		0.17 F	
TKN	1	0.2	0.087 F		0.19 F		0.22 F		0.27		0.17 F		0.30 B		0.32		0.32		0.38		0.42		0.61		0.22		0.20	
sulfate	250	1	52.8		49		47		37		47		45		45		39		23		37		18		39		40	
TDS	500	10	**695**		**640**		**570**		480		**610**		**640**		**640**		480		340		490		410		490		**590**	
TOC	--	1	2.7		3.3		3.2		4.9		2.8		2.9		3.1		4.6		3.5		3.8		4.8 B		2.1		2.3	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		0.0041 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-1																	
Date of Collection			9/17/2009		3/24/2010	9/16/2010	6/8/2011													
Sample ID No.			LF6SW0101NA		LF6SW0101OA	LF6SW0101PA	LF6SW0101PA													
Depth to Water (ft)			Surface Water		Surface Water	Surface Water	Surface Water													
VOCs (µg/L)																				
1,2-dichlorobenzene	3	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	3.1 F		2.17 F	1.97 FB	U													
benzene	1	0.1	U		0.160 F	U	U													
carbon disulfide	--	0.5	U		U	U	U													
chlorobenzene	5	0.5	U		0.400 F	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	--	1	U		U	U	U													
cis-1,2-dichloroethene	5	1	U		U	U	U													
dichlorodifluoromethane	5**	1	U		U	U	U													
methylene chloride	5	1	U		U	U	U													
tetrachloroethene	0.7	1	U		U	U	U													
trichloroethene (TCE)	5	1	U		U	U	U													
trans-1,2-Dichloroethene	5	1	U		U	U	U													
vinyl chloride	0.3	1	U		U	U	U													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	U	93 F	U	NA													
arsenic	50	30	U	U	U	U	NA													
barium	1,000	50	200	200	110	180	NA													
boron	1,000	110	U	U	21 B	NA	NA													
calcium	--	1,100	100,000	97,000	77,000	100,000	NA													
chromium	50	10	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	43 F	210	**350**	260	NA													
magnesium	35,000	1,000	23,000	23,000	15,000	22,000	NA													
manganese	300	10	110	120	230	160	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	2,000	1,800	1,600	2,400	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	--	1,000	92,000	88,000	64,000	93,000 J	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	4.5 F	12 F	12 F	17 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	250		190	250	200													
ammonia	2	0.2	0.032 F		U	0.026 F	0.16													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.25 F		0.17 F	U	0.16 F													
COD	--	5	9.0 F		17	7.9 F	5.6 F													
chloride	250	1	180		120	180	150													
color	15	5	NA		**30**	NA	U													
hardness, Total	--	1	350		250	340	260													
nitrate	10	1	0.16 F		0.87	U	0.49 F													
TKN	1	0.2	0.11 F		0.67 B	0.30 B	0.51 F													
sulfate	250	1	43		35	40	35													
TDS	500	10	**620**		440	**550**	**510**													
TOC	--	1	2		6.4	2.5	2.3													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-2																							
Date of Collection			7/6/2006		9/19/2006		12/14/2006		4/17/2007		6/21/2007		10/1/2007		12/11/2007		4/3/2008		6/18/2008		10/1/2008		12/10/2009		4/16/2009		7/1/2009	
Sample ID No.			LF6SW0201AA		LF6SW0201BB		LF6SW0201CA		LF6SW0201DA		LF6SW0201EA		LF6SW0201FA		LF6SW0201GA		LF6SW0201HA		LF6SW0201IA		LF6SW0201JA		LF6SW0201KA		LF6SW0201LA		LF6SW0201MA	
Depth to Water (ft)			Surface Water		Surface Water		SurfaceWater		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
VOCs (µg/L)																												
1,2-dichlorobenzene	3	1	U		0.25 F		0.110 F		U		U		U		0.110 F		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		0.22 F		U		0.110 F		U		U		0.110 F		U		U		U		U		U		U	
acetone	50	10	1.5 F		1.42 F		1.18 F		1.12 F		U		1.26 F		1.55 F		U		3.20		U		1.73 F		2.64 F		U	
benzene	1	0.1	U		0.12 F		U		U		U		U		0.210 F		U		U		U		U		U		U	
carbon disulfide	--	0.5	U		U		U		U		U		U		0.170 F		U		U		U		U		U		U	
chlorobenzene	5	0.5	0.23 F		1.15		0.480 F		0.340 F		0.130 F		0.130 F		0.720		0.300 F		0.200 F		0.260 F		U		0.280 F		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		0.110 F		U	
chloromethane	--	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5**	1	U		U		UJ		U		U		U		U		U		U		U		U		U		U	
methylene chloride	5	1	U		U		0.200 F		U		U		U		0.130 F		U		U		U		U		U		U	
tetrachloroethene	0.7	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5	1	U		U		U		0.110 F		U		U		U		U		U		U		U		U		U	
trans-1,2-Dichloroethene	5	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	0.3	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	58.1 F	84.6 F	U	54.2 F	U	U	76 F	85 F	U	49 F	U	60 F	U	64 F	U	**490**	U	86 F	U	63 F	82 F	**840**	U	**520**	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	132	150	119	120	130	140	84	89	200	200	200	200	160	160	99	130	160	U	200	200	63	68	86	120	160	170
boron	1,000	110	37.5	34.2	NA	NA	NA	NA	NA	NA	26	30	NA	NA	NA	NA	17	20	17	17	NA	NA	NA	NA	NA	NA	U	U
calcium	--	1,100	99,100	109,000	109,000	110,000	91,000	93,000	74,000	78,000	94,000	98,000	99,000	99,000	97,000	98,000	76,000	83,000	51,000	53,000	86,000	86,000	47,000	52,000	68,000	77,000	89,000	91,000
chromium	50	10	U	U	U	U	2.9 F	2.0 F	2.8 F	2.1 F	U	4.2 F	2.0 F	2.0 F	3.8 F	U	U	U	U	U	3.4 F	3.1 F	U	3.3 F	U	U	U	U
copper	200	10	U	U	U	U	2.1 F	3.1 F	U	U	U	U	U	U	U	U	2.5 F	4.5 F	U	U	U	U	3.8 F	6.6 F	U	U	U	U
iron	300	200	23.3 F	179 F	39.9 F	223	52 F	230	150 F	280	39 F	280	74 F	**330**	22 F	**370**	150 F	**1,100**	97 F	**360**	44 F	**330**	200	**1,900**	70 F	**1,700**	97 F	210
magnesium	35,000	1,000	20,200	21,000	20,100	20,200	18,000	19,000	12,000	13,000	22,000	23,000	25,000	25,000	19,000	20,000	14,000	15,000	13,000	13,000	20,000	20,000	8,900	9,700	15,000	17,000	20,000	21,000
manganese	300	10	190	195	296	**301**	290	**310**	190	210	**750**	**830**	**430**	**460**	**490**	**530**	140	230	140	150	**430**	**430**	**540**	**560**	110	240	48	53
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.5 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.5 F	U	2.4 F	U	U	U	U
potassium	--	1,000	1,750	1,890	2,060	2,110	1,900	1,900	1,700	1,800	1,600	1,800	1,800	1,800	2,100	2,100	1,700	2,000	980 F	1,000	1,900	2,000	1,300	2,000	1,900	2,000	1,700	1,700
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	86,400	96,600	94,700	96,600	71,000	71,000	70,000	73,000	71,000	72,000	77,000	78,000	110,000	110,000	76,000	81,000	35,000	36,000	69,000	69,000	64,000	60,000	68,000	73,000	88,000	87,000
vanadium	--	10	U	U	U	U	U	U	U	U	U	0.81 F	U	U	U	0.83 F	U	1.9 F	U	0.93 F	U	U	U	3.0 F	U	U	U	U
zinc	2,000	20	10.4 F	3.3 F	37.3 B	22 B	9.7 F	9.2 F	8.4 F	13 F	U	7.3 F	38 B	26 B	51 B	37 B	14 F	26 B	13 F	20	12 F	15 F	74 B	98 B	U	13 F	U	U
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	279		250		230		170		230		250		230		190		130		210		130 B		180		220	
ammonia	2	0.2	U		0.041 F		0.050		0.024 F		0.13		0.028 F		0.14		0.017 F		0.21		0.23		0.036 F		0.15		0.048 F	
BOD5	--	2.4	U		U		U		U		U		U		U		3.0		U		U		2.3		14		U	
bromide	2	0.5	0.31 F		0.14 F		0.11		0.12 F		0.21		0.24		0.23		0.13 F		0.2		0.25		UJ		0.17 F		0.19 F	
COD	--	5	U		16		16 B		28 B		20 B		8.5 F		11 B		17		17		13		26 B		15		18	
chloride	250	1	144		180		130		130		140		150		190		140		72		130		91		140		160	
color	15	5	**18 B**		NA		NA		NA		**25**		NA		NA		**30**		**20**		NA		NA		**20**		NA	
hardness, Total	--	1	370		350		300		240		330		350		350		270		190		290		180		260		300	
nitrate	10	1	0.44 F		0.3 F		0.67		0.80		0.11		0.031 F		0.67		0.77		0.23		0.29		0.32		0.20 F		0.13 F	
TKN	1	0.2	U		0.12 F		0.26 F		0.25		0.25 B		0.21 B		0.31		0.40		0.26		0.42		0.58		**2.8**		0.37	
sulfate	250	1	52		53		46		36		47		44		45		39		23		37		22		38		41	
TDS	500	10	**636**		**4,600**		**550**		460		**580**		**600**		**630**		470		310		460		370		390		**600**	
TOC	--	1	3		2.7		3.4		4.7		4.2		3.3		2.9		3.8		3.4		3.9		6.3 B		3.6		2.2	
phenolics, Total	--	0.005	0.015		U		U		U		U		U		U		U		0.0015 F		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-2																	
Date of Collection			9/17/2009		3/25/2010	9/16/2010	6/8/2011													
Sample ID No.			LF6SW0201NA		LF6SW0201OA	LF6SW0201PA	LF6SW0101PA													
Depth to Water (ft)			Surface Water		Surface Water	Surface Water	Surface Water													
VOCs (µg/L)																				
1,2-dichlorobenzene	3	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	1.54 F		3.67 F	1.22 FB	4.4 F													
benzene	1	0.1	U		0.180 F	U	U													
carbon disulfide	--	0.5	U		U	U	U													
chlorobenzene	5	0.5	U		0.420 F	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	--	1	U		U	U	U													
cis-1,2-dichloroethene	5	1	U		U	U	U													
dichlorodifluoromethane	5**	1	U		U	U	U													
methylene chloride	5	1	U		U	U	U													
tetrachloroethene	0.7	1	U		U	U	U													
trichloroethene (TCE)	5	1	U		U	U	U													
trans-1,2-Dichloroethene	5	1	U		U	U	U													
vinyl chloride	0.3	1	U		U	U	U													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	U	47 F	U	NA													
arsenic	50	30	U	U	U	U	NA													
barium	1,000	50	200	200	120	180	NA													
boron	1,000	110	U	U	26 B	NA	NA													
calcium	--	1,100	100,000	100,000	81,000	98,000	NA													
chromium	50	10	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	41 F	230	**380**	190 F	NA													
magnesium	35,000	1,000	24,000	24,000	17,000	22,000	NA													
manganese	300	10	130	130	260	140	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	U	NA													
potassium	--	1,000	2,000	1,900	1,700	2,100	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	--	1,000	92,000	89,000	66,000	86,000	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	U	7.4 F	4.8 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	250		210	250	200													
ammonia	2	0.2	0.025 F		U	U	0.17													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.25 F		0.19 F	U	0.16 F													
COD	--	5	9.0 F		13	U	U													
chloride	250	1	170		140	170	150													
color	15	5	NA		**20**	NA	U													
hardness, Total	--	1	360		270	330	260													
nitrate	10	1	0.15 F		0.8	U	0.52													
TKN	1	0.2	U		0.43 B	0.25 B	0.47 F													
sulfate	250	1	43		37	40	35													
TDS	500	10	**620**		480	**510**	490													
TOC	--	1	2.2		5.2	2.3	2.1													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-3																							
Date of Collection			7/6/2006		9/19/2006		12/14/2006		4/18/2007		6/21/2007		10/1/2007		12/11/2007		4/7/2008		6/18/2008		10/1/2008		12/10/2008		4/16/2009		6/30/2009	
Sample ID No.			LF6SW0301AA		LF6SW0301BB		LF6SW0301CA		LF6SW0301DA		LF6SW0301EA		LF6SW0301FA		LF6SW0301GA		LF6SW0301HA		LF6SW0301IA		LF6SW0301JA		LF6SW0301KA		LF6SW0301LA		LF6SW0301MA	
Depth to Water (ft)			Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
VOCs (µg/L)																										
1,2-dichlorobenzene	3	1	U		U		U		UJ		U		U		U		U		U		U		U		U	
1,4-dichlorobenzene	3	0.5	U		0.1 F		U		UJ		0.130 F		U		U		U		U		U		U		U	
acetone	50	10	1.2 F		1.4 F		U		UJ		U		U		U		U		2.94 F		U		2.49 F		2.01 F		2.16 F	
benzene	1	0.1	U		U		U		UJ		U		U		0.140 F		U		U		U		U		U	
carbon disulfide	--	0.5	U		U		U		U		U		U		0.140 F		U		U		U		U		U	
chlorobenzene	5	0.5	U		0.13 F		0.310 F		0.370 F		U		U		0.470 F		U		U		U		0.140 F		0.220 F		U	
chloroform	7	0.3	U		U		U		U		U		U		U		U		U		U		U		U		U	
chloromethane	--	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
cis-1,2-dichloroethene	5	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
dichlorodifluoromethane	5**	1	U		U		UJ		UJ		U		U		U		U		U		U		U		U		U	
methylene chloride	5	1	U		U		U		0.130 F		U		U		0.140 F		U		U		U		U		U		U	
tetrachloroethene	0.7	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
trichloroethene (TCE)	5	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
trans-1,2-Dichloroethene	5	1	U		U		U		U		U		U		U		U		U		U		U		U		U	
vinyl chloride	0.3	1	U		U		U		UJ		U		U		U		U		U		U		U		U		U	
Metals (µg/L) [Dissolved / Total][1]																										
aluminum	100	200	55.7 F	71.5 F	U	45.2 F	U	61 F	77 F	**210**	U	U	U	U	U	56 F	U	81 F	U	70 F	41 F	56 F	**180 F**	**1,800**	U	**180 F**	U	U
arsenic	50	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
barium	1,000	50	132	155	193	198	140	140	99	99	210	220	220	230	170	170	110	110	180	180	210	220	70	82	120	130	180	180
boron	1,000	110	35.7	29.4	NA	NA	NA	NA	NA	NA	23	28	NA	NA	NA	NA	23	22	19	19	NA	NA	NA	NA	U	U	U	U
calcium	--	1,100	91,200	102,000	94,200	96,400	87,000	87,000	78,000	79,000	86,000	92,000	90,000	94,000	93,000	90,000	74,000	73,000	53,000	55,000	81,000	81,000	41,000	44,000	74,000	76,000	97,000	92,000
chromium	50	10	U	U	U	U	3.2 F	2.0 F	2.2 F	3.5 F	U	4.2 F	7.8 F	U	3.1 F	3.8 F	2.7 F	2.5 F	1.5 F	1.6 F	3.7 F	3.1 F	U	4.7 F	U	U	U	U
copper	200	10	1.3 F	U	U	U	2.7 F	3.1 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	10	U	U	U	U
iron	300	200	21.3 F	161 F	48.3 F	231	57 F	250	88 F	**430**	49 F	230	51 F	210	2.7 F	270	94 F	240	100 F	**320**	55 F	280	86 F	**2,700**	70 F	**650**	94 F	190 F
magnesium	35,000	1,000	19,400	20,600	22,600	23,100	18,000	18,000	13,000	14,000	21,000	22,000	23,000	24,000	20,000	20,000	16,000	15,000	14,000	14,000	20,000	20,000	6,700	7,000	16,000	16,000	22,000	21,000
manganese	300	10	126	161	**383**	**386**	270	280	190	200	**520**	**570**	220	230	**460**	**450**	120	120	130	150	**320**	**330**	110	**310**	140	160	100	99
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	1.2 F	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
nickel	100	20	U	U	U	U	1.3 F	U	U	U	U	U	2.2 F	U	U	U	U	U	U	U	U	1.2 F	U	3.0 F	U	U	U	U
potassium	--	1,000	1,680	1,840	1,780	1,860	1,800	1,800	1,700	1,800	1,600	1,800	1,800	1,900	2,000	2,000	1,800	1,800	1,000	1,100	1,900	1,900	1,000	1,700	1,600	1,700	1,500	1,600
selenium	10	30	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
silver	50	10	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
sodium	--	1,000	80,000	91,400	80,700	82,800	67,000	67,000	77,000	76,000	70,000	73,000	77,000	80,000	100,000	100,000	74,000	73,000	37,000	38,000	66,000	66,000	66,000	85,000	72,000	72,000	85,000	80,000
vanadium	--	10	U	U	U	U	U	U	U	U	U	U	U	U	U	0.74 F	U	U	U	1.1 F	U	U	U	5.3 F	U	U	U	U
zinc	2,000	20	4.1 F	3.2 F	34.3 B	26.1 B	7.5 F	14 F	8.0 F	8.5 F	U	U	35 B	64 B	38 B	23 B	14 F	14 F	19 F	16 F	12 F	15 F	79 B	13 B	U	5.1 F	U	4.5 F
Leachate Indicators (mg/L)																										
alkalinity, Total	--	10	267		220		220		180		220		240		230		180		140		190		100 B		190		230	
ammonia	2	0.2	U		0.067 B		0.029 F		0.021 F		0.17		0.031 F		0.091		0.022 F		0.17		0.15		0.057		0.041 F		0.028 F	
BOD5	--	2.4	U		U		U		U		U		U		U		U		U		U		2.3		2.6		U	
bromide	2	0.5	0.31 F		0.2 F		0.11		0.14 F		0.23		0.26		0.23		0.16		0.21 F		0.25		UJ		0.18 F		0.21 F	
COD	--	5	26.7 B		11		22 B		21 B		17 B		8.5 F		11 B		11		13		10		26 B		87		14	
chloride	250	1	154		160		120		140		140		150		170		130		70		120		120		140		150	
color	15	5	13 B		NA		NA		NA		**20**		NA		NA		**20**		**20**		NA		NA		10		NA	
hardness, Total	--	1	340		380		290		250		310		330		290		240		180		300		140		270		290	
nitrate	10	1	0.38 F		0.15 F		0.60		0.77		0.12 F		0.041 F		0.59		0.45		0.23 F		0.25		0.48		0.37 F		0.13 F	
TKN	1	0.2	U		0.22 F		0.21 F		0.20		0.31 B		0.17 F		0.19 F		0.19 F		0.34		0.35		0.5		0.24		0.19 F	
sulfate	250	1	50.1		47		44		37		46		42		43		36		23		37		17		37		39	
TDS	500	10	**620**		**570**		**520**		**500**		**550**		**630**		**590**		460		320		390		370		470		**590**	
TOC	--	1	2.6		2.8		3.7		4.0		3.6		3.6		2.9		2.7		3.1		3.4		4.7 B		2.1		2.0	
phenolics, Total	--	0.005	U		U		U		U		U		U		U		U		U		U		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6SW-3																	
Date of Collection			**9/17/2009**		**3/24/2010**	**9/16/2010**	**6/6/2011**													
Sample ID No.			**LF6SW0301NA**		**LF6SW0301OA**	**LF6SW0301PA**	**LF6SW0301PA**													
Depth to Water (ft)			**Surface Water**		**Surface Water**	**Surface Water**	**SurfaceWater**													
VOCs (µg/L)																				
1,2-dichlorobenzene	3	1	U		U	U	U													
1,4-dichlorobenzene	3	0.5	U		U	U	U													
acetone	50	10	2.49 F		2.60 F	1.34 FB	3.1 F													
benzene	1	0.1	U		0.110 F	U	U													
carbon disulfide	--	0.5	U		U	U	U													
chlorobenzene	5	0.5	U		0.300 F	U	U													
chloroform	7	0.3	U		U	U	U													
chloromethane	--	1	U		U	U	U													
cis-1,2-dichloroethene	5	1	U		U	U	U													
dichlorodifluoromethane	5**	1	U		U	U	U													
methylene chloride	5	1	U		U	U	U													
tetrachloroethene	0.7	1	U		U	U	U													
trichloroethene (TCE)	5	1	U		U	U	U													
trans-1,2-Dichloroethene	5	1	U		U	U	U													
vinyl chloride	0.3	1	U		U	U	U													
Metals (µg/L) [Dissolved / Total][1]																				
aluminum	100	200	U	63 F	87 F	U	NA													
arsenic	50	30	U	U	U	U	NA													
barium	1,000	50	220	230	120	190	NA													
boron	1,000	110	U	U	21 B	NA	NA													
calcium	--	1,100	92,000	94,000	72,000	95,000	NA													
chromium	50	10	U	U	U	U	NA													
copper	200	10	U	U	U	U	NA													
iron	300	200	39 F	**500**	**350**	160 F	NA													
magnesium	35,000	1,000	23,000	24,000	15,000	22,000	NA													
manganese	300	10	100	140	270	92	NA													
mercury	0.7	1	U	U	U	U	NA													
molybdenum	--	15	U	U	U	U	NA													
nickel	100	20	U	U	U	2.6 F	NA													
potassium	--	1,000	1,900	1,800	1,500	2,000	NA													
selenium	10	30	U	U	U	U	NA													
silver	50	10	U	U	U	U	NA													
sodium	--	1,000	83,000	83,000	56,000	83,000	NA													
vanadium	--	10	U	U	U	U	NA													
zinc	2,000	20	U	5.7 F	12 F	4.5 F	NA													
Leachate Indicators (mg/L)																				
alkalinity, Total	--	10	240		190	240	200													
ammonia	2	0.2	0.059		U	U	0.24													
BOD5	--	2.4	U		U	U	U													
bromide	2	0.5	0.23 F		0.18 F	U	0.17 F													
COD	--	5	11		19	7.9 F	4.6 F													
chloride	250	1	160		110	170	150													
color	15	5	NA		**30**	NA	U													
hardness, Total	--	1	350		240	330	250													
nitrate	10	1	0.13 F		0.87	U	0.43 F													
TKN	1	0.2	0.14 F		0.61 B	0.24 B	0.53 F													
sulfate	250	1	41		32	40	35													
TDS	500	10	**590**		430	**530**	490													
TOC	--	1	1.9		6.2	2.4	2.2													
phenolics, Total	--	0.005	U		U	U	NA													

For notes, please refer to the end of the tables section.

Table 6-2

Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6W-1																							
Date of Collection			7/6/2006		9/19/2006		12/14/2006		4/17/2007		6/21/2007		10/1/2007		12/11/2007		4/8/2008		6/18/2008		10/1/2008		12/10/2008		4/16/2009		7/1/2009	
Sample ID No.			NS		NS		LF6WT0101CA		LF6WT0101DA		LF6WT0101EA		LF6WT0101FA		LF6WT0101GA		LF6WT0101HA		LF6WT0101IA		LF6WT0101JA		LF6WT0101KA		LF6WT0101LA		LF6WT0101MA	
Depth to Water (ft)			Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water		Surface Water	
VOCs (µg/L)																												
1,2-dichlorobenzene	3	1	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
1,4-dichlorobenzene	3	0.5	NS		NS		U		U		NS		NS		NS		0.190 F		NS		NS		U		U		U	
acetone	50	10	NS		NS		2.17 F		U		NS		NS		NS		U		NS		NS		U		1.70 F		1.87 F	
benzene	1	0.1	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
carbon disulfide	--	0.5	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
chlorobenzene	5	0.5	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
chloroform	7	0.3	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
chloromethane	--	1	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		U	
cis-1,2-dichloroethene	5	1	NS		NS		2.13		2.67 J		NS		NS		NS		U		NS		NS		U		**11.7**		**27.4**	
dichlorodifluoromethane	5**	1	NS		NS		UJ		U		NS		NS		NS		U		NS		NS		U		U		U	
methylene chloride	5	1	NS		NS		0.300 F		U		NS		NS		NS		U		NS		NS		U		U		U	
tetrachloroethene	0.7	1	NS		NS		U		U		NS		NS		NS		U		NS		NS		0.110 F		0.660 F		0.420 F	
trichloroethene (TCE)	5	1	NS		NS		0.140 F		0.460 F		NS		NS		NS		U		NS		NS		U		**11.0**		**12.9**	
trans-1,2-Dichloroethene	5	1	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		0.220 F		0.350 F	
vinyl chloride	0.3	1	NS		NS		**0.690 F**		U		NS		NS		NS		U		NS		NS		U		**3.36**		**3.36**	
Metals (µg/L) [Dissolved / Total][1]																												
aluminum	100	200	NS	NS	NS	NS	U	U	62 F	54 F	NS	NS	NS	NS	NS	NS	U	**990**	NS	NS	NS	NS	**120 F**	**320**	U	**1,700**	U	330
arsenic	50	30	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
barium	1,000	50	NS	NS	NS	NS	41 F	41 F	26 F	25 F	NS	NS	NS	NS	NS	NS	100	190	NS	NS	NS	NS	40 F	42 F	47 F	61	80	81
boron	1,000	110	NS	NS	NS	NS	NA	NA	NA	NA	NS	NS	NS	NS	NS	NS	58	59	NS	NS	NS	NS	NA	NA	NA	NA	U	U
calcium	--	1,100	NS	NS	NS	NS	100,000	100,000	64,000	61,000	NS	NS	NS	NS	NS	NS	60,000	65,000	NS	NS	NS	NS	73,000	71,000	140,000	150,000	18,000	18,000
chromium	50	10	NS	NS	NS	NS	U	U	1.9 F	1.6 F	NS	NS	NS	NS	NS	NS	U	1.9 F	NS	NS	NS	NS	U	U	U		U	U
copper	200	10	NS	NS	NS	NS	3.0 F	4.3 F	U	U	NS	NS	NS	NS	NS	NS	U	4.9 F	NS	NS	NS	NS	U	4.5 F	U	6.4 F	U	U
iron	300	200	NS	NS	NS	NS	9.3 F	12 F	8.9 F	42 F	NS	NS	NS	NS	NS	NS	16 F	**360**	NS	NS	NS	NS	U	240	U	**1,800**	49 F	**630**
magnesium	35,000	1,000	NS	NS	NS	NS	9,600	9,700	6,600	6,300	NS	NS	NS	NS	NS	NS	8,700	9,100	NS	NS	NS	NS	8,700	9,300	13,000	14,000	15,000	15,000
manganese	300	10	NS	NS	NS	NS	54 J	39 J	5.7 F	6.7 F	NS	NS	NS	NS	NS	NS	9.1 F	83	NS	NS	NS	NS	7.1 F	18	**850**	**1,400**	**5,800**	**5,800**
mercury	0.7	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	U	U	U	U
molybdenum	--	15	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
nickel	100	20	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	2.4 F	NS	NS	NS	NS	U	**500 F**	U	3.8 F	U	U
potassium	--	1,000	NS	NS	NS	NS	3,100	3,100	2,500	2,400	NS	NS	NS	NS	NS	NS	2,800	3,000	NS	NS	NS	NS	740 F	U	4,600	4,300	8,000	7,800
selenium	10	30	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
silver	50	10	NS	NS	NS	NS	U	U	U	U	NS	NS	NS	NS	NS	NS	U	U	NS	NS	NS	NS	U	U	U	U	U	U
sodium	--	1,000	NS	NS	NS	NS	3,600	3,600	5,600	5,300	NS	NS	NS	NS	NS	NS	8,400	8,700	NS	NS	NS	NS	4,100 B	5,500	4,700	4,500	6,000	5,700
vanadium	--	10	NS	NS	NS	NS	U	0.76 F	U	U	NS	NS	NS	NS	NS	NS	U	2.7 F	NS	NS	NS	NS	U	U	U	6.1 F	U	3.2 F
zinc	2,000	20	NS	NS	NS	NS	11 F	11 F	9.9 F	7.3 F	NS	NS	NS	NS	NS	NS	15 F	23 B	NS	NS	NS	NS	42 B	46 B	7.0 F	18 F	5.6 F	8.1 F
Leachate Indicators (mg/L)																												
alkalinity, Total	--	10	NS		NS		260		170		NS		NS		NS		180		NS		NS		190 B		390		480	
ammonia	2	0.2	NS		NS		U		U		NS		NS		NS		0.021 F		NS		NS		U		0.72		1.2	
BOD5	--	2.4	NS		NS		U		U		NS		NS		NS		U		NS		NS		U		U		3.5	
bromide	2	0.5	NS		NS		U		0.044 F		NS		NS		NS		0.035 F		NS		NS		UJ		0.093 F		0.1	
COD	--	5	NS		NS		22 B		19 B		NS		NS		NS		81		NS		NS		35		8.2 F		U	
chloride	250	1	NS		NS		1.8		11		NS		NS		NS		8.5		NS		NS		6.8		2.1		2.2	
color	15	5	NS		NS		NA		NA		NS		NS		NS		**20**		NS		NS		NA		U		NA	
hardness, Total	--	1	NS		NS		280		180		NS		NS		NS		200		NS		NS		200		410		500	
nitrate	10	1	NS		NS		0.022 F		0.41		NS		NS		NS		0.24 B		NS		NS		0.28 B		U		U	
TKN	1	0.2	NS		NS		0.24 F		0.15 F		NS		NS		NS		**1.3**		NS		NS		0.51		**2.6**		1.8	
sulfate	250	1	NS		NS		28		12		NS		NS		NS		20		NS		NS		7.2		39		46 J	
TDS	500	10	NS		NS		340		220		NS		NS		NS		180		NS		NS		180		470		**600**	
TOC	--	1	NS		NS		5.9		4.7		NS		NS		NS		6.0		NS		NS		5.6 B		7.7		7.2	
phenolics, Total	--	0.005	NS		NS		U		U		NS		U		NS		0.0030 F		NS		NS		U		NA		NA	

For notes, please refer to the end of the tables section.

Table 6-2
Groundwater and Surface Water Sampling Results (continued)

Location of Well	NYSDEC Class A Surface Water Standards	Reporting Limit	LF6W-1																			
Date of Collection			9/17/2009		3/24/2010	9/15/2010	6/6/2011															
Sample ID No.			LF6WT0101NA		LF6WT0101OA	LF6WT0101PA	LF6WT0101PA															
Depth to Water (ft)			Surface Water		Surface Water	Surface Water	Surface Water															
VOCs (µg/L)																						
1,2-dichlorobenzene	3	1	NS		U	NS	NS															
1,4-dichlorobenzene	3	0.5	NS		U	NS	NS															
acetone	50	10	NS		2.29 F	NS	NS															
benzene	1	0.1	NS		U	NS	NS															
carbon disulfide	--	0.5	NS		U	NS	NS															
chlorobenzene	5	0.5	NS		U	NS	NS															
chloroform	7	0.3	NS		U	NS	NS															
chloromethane	--	1	NS		U	NS	NS															
cis-1,2-dichloroethene	5	1	NS		U	NS	NS															
dichlorodifluoromethane	5**	1	NS		U	NS	NS															
methylene chloride	5	1	NS		U	NS	NS															
tetrachloroethene	0.7	1	NS		U	NS	NS															
trichloroethene (TCE)	5	1	NS		U	NS	NS															
trans-1,2-Dichloroethene	5	1	NS		U	NS	NS															
vinyl chloride	0.3	1	NS		U	NS	NS															
Metals (µg/L) [Dissolved / Total][1]																						
aluminum	100	200	NS	NS	**130 F**	NS	NS															
arsenic	50	30	NS	NS	U	NS	NS															
barium	1,000	50	NS	NS	35 F	NS	NS															
boron	1,000	110	NS	NS	7.2 F	NS	NS															
calcium	--	1,100	NS	NS	75,000	NS	NS															
chromium	50	10	NS	NS	U	NS	NS															
copper	200	10	NS	NS	U	NS	NS															
iron	300	200	NS	NS	120 F	NS	NS															
magnesium	35,000	1,000	NS	NS	9,500	NS	NS															
manganese	300	10	NS	NS	6.5 F	NS	NS															
mercury	0.7	1	NA	NA	U	NS	NS															
molybdenum	--	15	NS	NS	U	NS	NS															
nickel	100	20	NS	NS	U	NS	NS															
potassium	--	1,000	NS	NS	310 F	NS	NS															
selenium	10	30	NS	NS	U	NS	NS															
silver	50	10	NS	NS	U	NS	NS															
sodium	--	1,000	NS	NS	2,000 B	NS	NS															
vanadium	--	10	NS	NS	U	NS	NS															
zinc	2,000	20	NS	NS	7.5 F	NS	NS															
Leachate Indicators (mg/L)																						
alkalinity, Total	--	10	NS		190	NS	NS															
ammonia	2	0.2	NS		U	NS	NS															
BOD5	--	2.4	NS		U	NS	NS															
bromide	2	0.5	NS		U	NS	NS															
COD	--	5	NS		6.7 F	NS	NS															
chloride	250	1	NS		1.8	NS	NS															
color	15	5	NS		U	NS	NS															
hardness, Total	--	1	NS		230	NS	NS															
nitrate	10	1	NS		**12**	NS	NS															
TKN	1	0.2	NS		0.77	NS	NS															
sulfate	250	1	NS		4.2	NS	NS															
TDS	500	10	NS		200	NS	NS															
TOC	--	1	NS		4.1	NS	NS															
phenolics, Total	--	0.005	NS		U	NS	NS															

For notes, please refer to the end of the tables section.

Notes and Data Qualifiers

B = The analyte was found in an associated blank, as well as in the sample.

F = The analyte was positively identified above MDL, however the concentration is below the reporting limit (RL).

J = The analyte was positively identified, but the quantitation is an approximation.

M = A matrix effect was present.

U = The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit.

UJ = The result is estimated at the method detection limit.

UM = A matrix effect was present; the analyte was not detected above the method detection limit.

NA = Not analyzed

NS = Not sampled

R = The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.

* - Color is analyzed in Platinum Cobalt Units (PCU)

♦ = Duplicate value was used.

-- = No value reported

= Value exceeded NYSDEC Groundwater standard.