FPM group _____ Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA MAIL AND EMAIL

June 23, 2011

Mr. Brian Jankauskas, Environmental Engineer 2
Remedial Bureau A, Section C
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7015

Re: **Site Management Report**
I.W. Industries, Inc. Site
NYSDEC Registry # 1-52-102
FPM File No. 944-07-01

Dear Brian:

Groundwater monitoring was performed at the above-referenced Site in April 2010 as requested by the New York State Department of Environmental Conservation (NYSDEC). Routine product monitoring was also performed at select Site wells. Details of the April 2010 groundwater monitoring and the product monitoring conducted between May 2009 and May 2010 are included in this report. All monitoring has been performed in accordance with the draft Site Management Plan (SMP) for this Site.

Groundwater Monitoring Procedures

Groundwater monitoring was performed on April 30, 2010. At each well the depth to the static water level was measured with an interface probe. Measurements were recorded to the nearest 0.01 foot. These data are included on the completed well sampling forms in Attachment A. No floating product was present in any of the Site wells. Water level measurements were obtained from nine of the groundwater monitoring wells (MW-1 through MW-7, MW-9, and MW-10) during the April 2010 monitoring event. Monitoring wells MW-8 and MW-11 were not located; therefore, these wells were not sampled.

A decontaminated low-flow submersible pump was used to purge at least three well casing volumes of water from each well to be sampled. Following the removal of each casing volume, field parameters were monitored, including pH, turbidity, specific conductivity, and temperature. When the field parameters were noted to vary less than ten percent between the removal of two successive well casing volumes, the groundwater turbidity was less than 50 nephelometric turbidity units (NTUs), and after at least three casing volumes had been removed, the well was sampled.

Samples to be analyzed for metals were obtained directly from the low-flow pump after reducing the pump flow to 0.25 gallons per minute. Following sampling for metals, the pump was removed and samples for volatile and semivolatile organic compound (VOC and SVOC) analyses were obtained using dedicated disposable polyethylene bailers. The sample bottles for VOC analysis were filled to zero headspace.

The samples were managed in accordance with the procedures in the SMP. Quality assurance/quality control (QA/QC) samples were also obtained in accordance with the SMP. The samples were transmitted via overnight courier to Test America Laboratories, a New York State Department of Health NELAP-certified laboratory. All samples were analyzed for Target Compound List (TCL) VOCs, TCL SVOCs, and Target Analyte List (TAL) metals by NYSDEC ASP methods with Category B deliverables. A hard copy of the chemical analytical laboratory report for the primary samples is included in Attachment B. The complete laboratory report, including the QA/QC data, is included on CD in Attachment D. The Data Usability Summary Report (DUSR) and the resume of the preparer are included in Attachment C. The DUSR results do not indicate any significant QA/QC issues that affect the primary sample data.

Groundwater Monitoring Results

The depth-to-water measurements were integrated with the well relative elevations to determine the groundwater flow direction. This information is summarized in tabular form in Attachment A and is shown on Figure 1 and indicates that the groundwater flow is approximately S20°E, which is generally consistent with previous flow direction information.

The chemical analytical results for VOCs and SVOCs are presented in Table 1. The chemical analytical results for metals are presented in Table 2. These tables include both the most recent monitoring data and the previous monitoring data.

All detected VOC concentrations were below their NYSDEC Class GA Ambient Water Quality Standards (Standards) with the exception of chlorobenzene, which was detected at concentrations slightly above its Standard at wells MW-1 (9.0 micrograms per liter, or µg/l) and MW-3 (7.1 µg/l). These wells are located on the southwest corner of the Site in the vicinity of an adjoining property with a plume of chlorinated solvent-impacted groundwater. These VOCs do not originate from the Site.

All SVOC concentrations were below the NYSDEC Standards with the exception of a low concentration of 1,4-dichlorobenzene at well MW-7 (6.1 µg/l). This well is also located on the southwest portion of the Site in the vicinity of an adjoining property with a plume of chlorinated solvent-impacted groundwater. This SVOC does not originate from the Site.

The only metals noted to exceed NYSDEC Standards are iron, manganese, and/or sodium. Iron ranged from 2,570 to 29,200 µg/l at wells MW-1 through MW-4, and MW-7; manganese ranged from 349 to 433 µg/l at wells MW-1 through MW-3; and sodium ranged from 21,700 to 43,400 µg/l at wells MW-1 through MW-4, MW-6, MW-7, and MW-9. The sodium originates from an off-Site source and/or from winter road salt applications and does not present a concern. Iron and manganese are commonly found at elevated levels in Long Island groundwater and their NYSDEC Standards are based on aesthetic considerations and not health-based concerns.

The groundwater sampling results from April 2010 were compared to previous results to evaluate changes in groundwater conditions at the Site following remediation of the Site leaching pools. In general, VOC concentrations have decreased over time. As discussed above, the wells with VOC detections are located at the southwest corner of the Site in the vicinity of an adjoining property with a chlorinated solvent groundwater plume; these VOCs do not originate from the Site. Therefore, changes in VOC concentrations are unrelated to changes in Site groundwater quality following remediation of the Site leaching pools.

SVOC concentrations in the Site wells are currently low to non-detect and have remained relatively unchanged or have declined when compared to recent previous sampling events. As discussed above, the well with a current SVOC detection is located on the southwest corner of the Site in the vicinity of an adjoining property with a plume of chlorinated solvent-impacted groundwater. Site-related SVOCs are no longer detected in groundwater in excess of the NYSDEC Standards.

Iron concentrations were noted to decline or remain non-detect at all wells when compared to the previous groundwater results with the exception of a slight increase noted in well MW-7. Manganese was noted to decline at all wells when compared to the previous groundwater results. Sodium concentrations were noted to increase in wells MW-1 through MW-4, and MW-7 when compared to the previous groundwater results; whereas slight decreases in sodium concentrations were noted in wells MW-5, MW-6, MW-9, and MW10.

In general, metals concentrations declined in the majority of the Site wells downgradient of the leaching pools following removal of the source soils. The recent monitoring results indicate that iron and manganese concentrations in the groundwater at the Site have continued to decline somewhat but are variable. Additional reductions are possible; however, significant reductions in the remaining iron and manganese concentrations are not anticipated. As discussed above, iron and manganese are commonly found at elevated levels in Long Island groundwater and their NYSDEC Standards are based on aesthetic considerations and not health-based concerns. Therefore, the remaining iron and manganese levels do not present a significant concern. The sodium detections in the Site wells are unrelated to Site remediation because the sodium originates from an off-Site source and/or from winter road salt applications.

Product Monitoring

Free-phase product monitoring has been conducted on a routine basis at wells MW-1, MW-2, and MW-7. Product monitoring data collected between May 2009 and May 2010 are shown in Table 3.

No free-phase product or visible sheen was noted in any of these wells during this reporting period. No petroleum odors were noted except for very minor petroleum odors at wells MW-1 and MW-2 in April and May 2010; these odors may be attributable to a recent increase in groundwater elevations at the Site.

Historic water table relative elevations for Site wells MW-1, MW-2, and MW-7 are graphed on Figure 2. Free-phase product was last noted at the Site in March 2005. No visible sheen has been noted in any of the wells since April 2008. Water table relative elevations were noted to

be lowest in March 2002 following a two-year period of significantly-reduced precipitation. Water table relative elevations were noted to rebound beginning in 2003. Due to increased precipitation in recent years, groundwater relative elevations at the Site have continued to rise and were at the highest level recorded in April 2010.

Summary and Recommendations

Groundwater

Groundwater VOC and SVOC concentrations were noted to generally remain low to non-detect in the Site wells. The VOCs and SVOCs presently detected at Site wells in excess of the NYSDEC Standards are chlorinated compounds and originate from an off-Site source at an adjoining property and are not related to the Site.

Iron, manganese, and sodium are the only metals presently detected in excess of NYSDEC Standards at the Site wells. In general, metal concentrations at the Site wells have declined compared to pre-remediation concentrations. Although further reductions in metals concentrations are possible, significant reductions are not anticipated. Iron and manganese are commonly found at elevated levels in Long Island groundwater and their NYSDEC Standards are based on aesthetic considerations and not health-based concerns. Therefore, the remaining iron and manganese levels do not present a significant concern. The sodium originates from an upgradient off-Site source and/or winter road salt applications and is not associated with the former on-Site source materials.

The SMP provides for groundwater monitoring at a frequency of once per five quarters so as to evaluate groundwater quality seasonally. The four most recent monitoring events were performed in the first quarter of 2006, second quarter of 2007, fourth quarter of 2008, and second quarter of 2010. To complete the seasonal cycle of sampling, is anticipated that the next round of groundwater monitoring will be performed in the third quarter of 2011. If groundwater conditions remain unchanged or show further improvement, discontinuance of groundwater monitoring will be requested.

Free-Phase Product

The historical product monitoring data indicate that no evidence of free-phase product has been noted at the Site since April 2008, thus suggesting that free-phase product is no longer a concern at the Site. The SMP states that monthly product monitoring is to be continued at wells MW-1, MW-2, and MW-7 until groundwater relative elevations at the Site decline to average levels, or when the NYSDEC determines that product removal has reached its limit of effectiveness. Average groundwater relative elevations were once thought to be those recorded between 1997 and 2000. However, based on the trend of precipitation rates on Long Island since 2003, average groundwater relative elevations at the Site in the foreseeable future may likely reflect levels observed between March 2006 and November 2009, and not those noted between 1997 and 2000. FPM recommends that routine product monitoring be continued at wells MW-1, MW-2, and MW-7 on a quarterly basis. The monitoring data will be evaluated following the third quarter 2011 groundwater monitoring event to determine if product monitoring should be discontinued.

Please confirm that you agree with our recommendations. Should you have any questions, please do not hesitate to call us at (631) 737-6200.

Sincerely,

John S. Bukoski
Hydrogeologist

Stephanie O. Davis
Senior Hydrogeologist
Department Manager

JSB/SOD:tac
Attachments

cc: John A. Jakub, Esq. w/attachments
Philip Fierro w/attachments

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316 SOUTH SERVICE ROAD
KONG USA INC.

320 SOUTH SERVICE ROAD
KATHERINE GIBBS SCHOOL

25 MELVILLE PARK ROAD
OFFICE BUILDING

70 MELVILLE PARK RD.
LONG ISLAND CENTER AND MAXEDD

MW-8
MW-6
(57.63)
LP-17
LP-18
HYD
MH
MH
57.6
LP-15
MH
MH
LP-31
LP-20
LP-21
LP-22
MH
LP-14
MH
TRANSFORMER
MW-5
(57.52)
LP-12
LP-13
LP-11
57.4
BUILDING
LP-23
LP-24
LP-8
GROUNDWATER
FLOW DIRECTION
LP-25
LP-9
LP-5
LP-4
LP-3
LP-6
LP-3R
LP-2R
LP-7
LP-2
LP-1
LP-1R
MW-7
(57.26)
GAS-FIRED
FURNACE
MH
UG GAS SERVICE
LP-10
57.2
LP-30
MW-1
(57.21)
SUBWALK
SEPTIC TANK
LP-29
LP-28
(SEPTIC TANK)
LP-27
LP-26
MW-2
MW-10 (57.14)
(57.18)
FD-SIAMESE
WM
MW-4
(57.12)
MW-9
(57.11)
T-BOX
UG FIBER OPTIC
MW-11
CB
MW-3
(57.15)
PROPERTY LINE
(APPROXIMATE)

MELVILLE PARK ROAD

10 MELVILLE PARK ROAD
MARCUM KILEGMAN, LLP

20 MELVILLKE PARK RD SPRING

30 0 30 60 90
GRAPHIC SCALE – FEET

LEGEND:

MW-1 (57.21) — MONITORING WELL LOCATION WITH GROUNDWATER RELATIVE ELEVATION, APRIL 2010

LP-1R OR LP-27 — LEACHING POOL LOCATION WITH MANHOLE

( ) — LEACHING POOL LOCATION WITH SUBGRADE ACCESS

FORMER LEACHING POOL

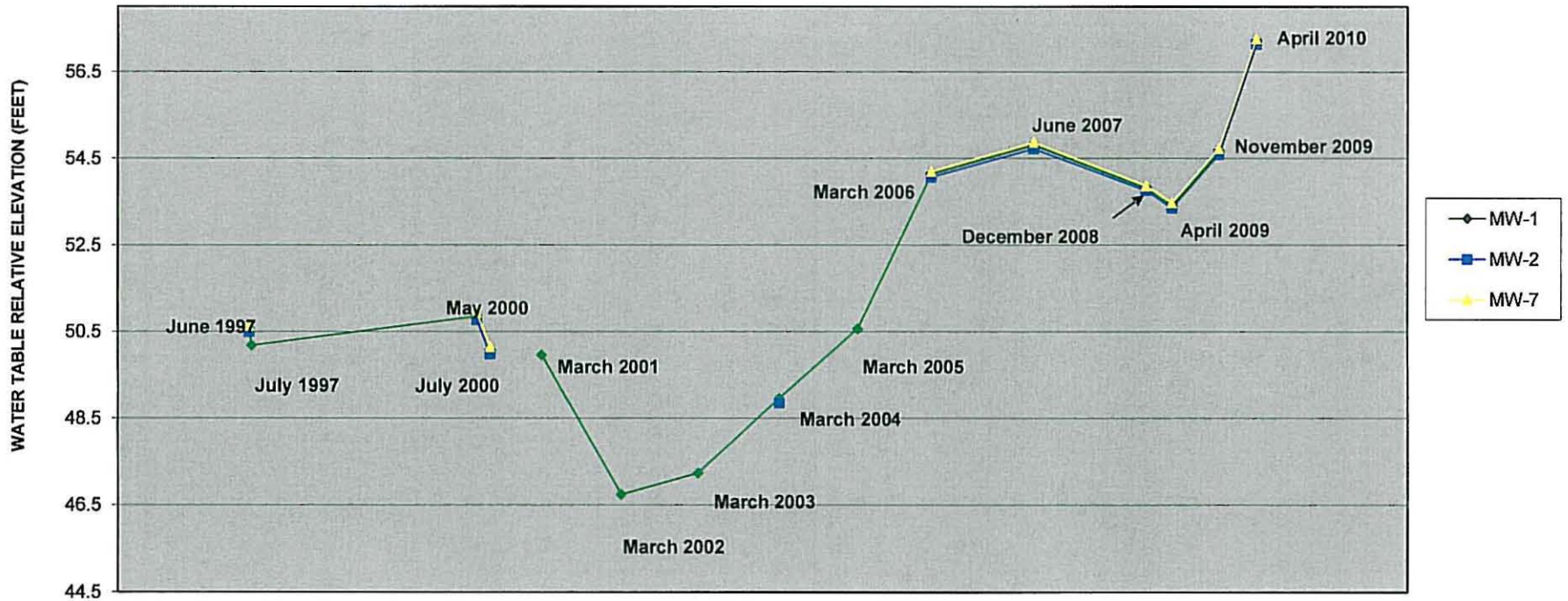
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FIGURE 1
SITE PLAN WITH GROUNDWATER RELATIVE ELEVATIONS, APRIL 2010
35 MELVILLE PARK ROAD
MELVILLE, NEW YORK

Drawn By:H.C.	Checked By:J.B.	Date: 6/16/10

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FIGURE 2
HISTORIC WATER TABLE RELATIVE ELEVATIONS
I.W. INDUSTRIES, INC. SITE
35 MELVILLE PARK ROAD, MELVILLE, NEW YORK



S:\IW - Metro Assets III\APR 2010 GW\FIG 2 Waterlevels.xls

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TABLE 1
GROUNDWATER SAMPLES
ORGANIC PARAMETERS DATA
I.W. INDUSTRIES, MELVILLE, NEW YORK

Well No.	MW-1								MW-2				MW-3						MW-4				MW-5				MW-6					MW-7				NYSDEC GA Standards
Sampling Date	7/14/97	3/22/01	3/30/04	3/23/05	3/8/06	6/29/07	12/2/08	4/30/10	3/8/06	6/29/07	12/2/08	4/30/10	7/14/97	3/22/01	3/8/06	6/29/07	12/2/08	4/30/10	3/8/06	6/29/07	12/2/08	4/30/10	3/8/06	6/29/07	12/2/08	4/30/10	7/14/97	3/8/06	6/29/07	12/2/08	4/30/10	3/8/06	6/29/07	12/2/08	4/30/10	
Volatile Organic Compounds in ug/l																																			
Acetone	U	U	U	U	U	U	U	U	U	U	U	1.1 JB	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	50**
2-Butanone (MEK)	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	1.9 J	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	50**
1,2-Dichloroethene	3 J	3 J	U	3.7 J	1.4 J	U	U	U	U	U	U	U	U	NS	U	U	U	U	2.4 J	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	5
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	5
Trichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	5
Chlorobenzene	**41**	**20**	**9**	**6.8**	1.5 J	**25**	**23**	**9.0**	0.92 J	4.3 J	**23**	4.1 J	U	NS	U	U	**16**	**7.1**	U	U	1.3 J	U	U	U	NS	U	U	U	U	U	U	4.3 J	**8.1**	**6.9**	3.8 J	5
Tetrachloroethene	U	U	U	0.57 J	1.1 J	U	U	U	0.66 J	1.3 J	U	U	U	NS	4.4 J	2.6 J	2.2 J	1.3 J	0.51 J	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	1.7 J	5
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	U	U	**7.3**	3.0 J	U	U	1.1 J	U	U	U	U	U	U	U	U	U	2.3 J	U	U	U	U	NS	U	U	U	U	U	U	U	U	1.9 J	5
Semivolatile Organic Compounds in ug/l																																			
1,2-Dichlorobenzene	2 J	1 J	U	U	U	**3.7 J**	**5.2**	U	U	U	1.7 J	U	U	1 J	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	1.6 J	U	3
1,3-Dichlorobenzene	U	NA	U	U	U	U	U	U	U	U	U	U	U	NA	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	1.1 J	3
1,4-Dichlorobenzene	**6 J**	3 J	U	2 J	U	2.1 J	**5.0**	U	0.9 J	0.52 J	**3.7 J**	U	U	3 J	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	0.6 J	**4.5 J**	**9.9**	**6.1**	3
bis(2-Ethylhexyl)phthalate	U	U	U	U	U	U	U	U	U	U	U	U	U	1 JB	U	U	U	U	2 J	U	U	U	U	U	NS	U	U	U	U	U	U	2 J	U	U	0.71 J	5
Di-n-butylphthalate	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	1 J	U	U	U	5.0 B	U	U	U	5.0 B	50
Benzo(a)anthracene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**0.89 J**	NS	U	U	U	U	U	U	U	U	U	U	0.002
Benzo(a)pyrene	U	U	U	U	U	U	U	U	U	U	U	*U	U	U	U	U	U	U	U	U	U	U	U	**0.77 J**	NS	U	U	U	U	U	U	U	U	U	U	ND
Benzo(b)fluoranthene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**1.4 J**	NS	U	U	U	U	U	U	U	U	U	U	0.002
Benzo(g,h,i)perylene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.74 J	NS	U	U	U	U	U	U	U	U	U	U	-
Benzo(k)fluoranthene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**0.42 JM**	NS	U	U	U	U	U	U	U	U	U	U	0.002
Carbazole	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	1.2 J	U	-
Chrysene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**0.85 J**	NS	U	U	U	U	U	U	U	U	U	U	0.002
Fluoranthene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.6 J	NS	U	U	U	U	U	U	U	U	U	4.4	50
Phenanthrene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.55 J	NS	U	U	U	U	U	U	U	U	U	U	50
Pyrene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	1.4 J	NS	U	U	U	U	U	U	U	U	U	1.3 J	50
4-Methylphenol	U	U	U	U	U	U	1.3 J	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	-
Indeno(1,2,3-cd)pyrene	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	**0.81 J**	NS	U	U	U	U	U	U	U	U	U	U	0.002
Diethylphthalate	U	1 J	U	U	U	U	U	U	U	U	U	U	1 J	1 J	U	U	U	U	U	U	U	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	50

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TABLE 1 (CONTINUED)
GROUNDWATER SAMPLES
ORGANIC PARAMETERS DATA
I.W. INDUSTRIES, MELVILLE, NEW YORK

Well No.	MW-8						MW-9										MW-10										NYSDEC GA Standards
Sampling Date	7/14/97	3/22/01	3/8/06	6/29/07	12/2/08	4/30/10	7/14/97	3/22/01	3/27/02	3/20/03	3/30/04	3/23/05	3/8/06	6/29/07	12/2/08	4/30/10	7/14/97	3/22/01	3/27/02	3/20/03	3/30/04	3/23/05	3/8/06	6/29/07	12/2/08	4/30/10	
Volatile Organic Compounds in ug/l																											
2-Butanone (MEK)	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	UB	U	U	U	U	50**
1,2-Dichloroethene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	**47**	**6**	5 J	3 J	**6**	**6.7**	U	U	U	U	5
1,2-Dichloroethane	U	NA	U	NS	NS	NS	U	NA	U	U	U	U	U	U	U	U	U	NA	UJ	U	U	U	U	U	U	U	0.6
Trichloroethene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	**9 J**	2 J	**21**	5 J	2 J	4.9 J	U	UM	U	U	5
Chlorobenzene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	2 J	1 J	U	2 J	**18**	3.4 J	U	U	U	U	5
Tetrachloroethene	U	U	U	NS	NS	NS	U	U	0.9 J	U	U	U	U	U	U	U	**29**	**6**	**44**	**15**	**8**	**18**	**10**	3.6 J	4.6 J	1.5 J	5
1,1,1-Trichloroethane	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	UJ	2 J	**6 J**	2 J	U	U	U	U	U	U	5
Semivolatile Organic Compounds in ug/l																											
1,2-Dichlorobenzene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	0.7 J	U	1 J	U	U	U	U	U	3
1,3-Dichlorobenzene	U	NA	U	NS	NS	NS	U	NA	U	U	U	U	U	U	U	U	U	NA	1 JM	U	1 J	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	2 J	2 J	3 J	2 J	**6 J**	U	U	U	U	U	3
bis(2-Ethylhexyl)phthalate	U	1 JB	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	5
Di-n-butylphthalate	U	U	U	NS	NS	NS	2 J	U	U	U	0.9 J	U	U	U	U	5.0 B	U	U	U	U	U	U	U	U	U	4.8 B	50
Benzo(a)anthracene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.002
Benzo(a)pyrene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	ND
Benzo(b)fluoranthene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.002
Benzo(g,h,i)perylene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Benzo(k)fluoranthene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.002
Carbazole	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Chrysene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.002
Fluoranthene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	50
Phenanthrene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	50
Pyrene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	50
4-Methylphenol	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	-
Indeno(1,2,3-cd)pyrene	U	U	U	NS	NS	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.002
Diethylphthalate	U	1 JB	U	NS	NS	NS	U	U	U	U	0.3 J	U	U	U	U	U	U	U	U	U	U	U	U	U	0.67 J	U	50

Notes:

Only analytes detected in one or more samples are included in this table.
Sample Depth refers to well depth.
Several wells were dry on occasion and could not be sampled.
NS = Not Sampled.
NA = Not Analyzed.
U = Not detected

J = Result is an estimated value below the reporting limit.
M = Manually integrated compound.
ug/l = micrograms per liter.
Bold shaded values exceed their respective NYSDEC Class GA Standard or Guidance Value.
** = There is no established Standard; a Guidance Value of 50 ug/l has been established.
B = Analyte is detected in an associated blank.

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TABLE 2
GROUNDWATER SAMPLES
INORGANIC PARAMETERS DATA
I. W. INDUSTRIES, MELVILLE, NEW YORK

Well No.	MW-1												MW-2					MW-3										MW-4					NYSDEC GA Standards
Sampling Date	7/14/97	1/29/98		3/22/01		3/30/04	3/23/05	3/8/06		6/29/07	12/2/08	4/30/10	3/8/06		6/29/07	12/2/08	4/30/10	7/14/97	1/29/98		3/22/01		3/8/06		6/29/07	12/2/08	4/30/10	3/8/06		6/29/07	12/2/08	4/30/10	
Sample Type	Whole	Whole	Filtered	Whole	Filtered	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Whole	Filtered	Whole	Filtered	Whole	Filtered	Whole	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	
Metals in ug/l																																
Aluminum	7,350	485	U	976	9.9 B	786	192 B	169 B	U	U	59 J	U	332 B	U	U	1,100	U	4,370	1,050	28.9 B	1,760	48.3 B	132 B	U	U	U	U	U	U	U	U	U	-
Antimony	3.6 BN	U	U	U	U	U	U	U	U	U	ND	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3
Arsenic	35.3	23.6	12.9	15.8	7.7 B	25.1 B	13.5 B	14.7 B	9.5 BJ	6.7 J	ND	U	6.3 B	U	9.0 J	4.7 J	7.9 J	6.3 B	1.9 B	U	18.1	U	28.6 B	13.4 BJ	12 J	6.2 J	U	U	U	8.8 J	5.0 J	U	25
Barium	75.8 B	44.1 B	13.6 B	67.2 B	22.1 B	76.4	27.3	17.3	8.1 J	9.8	17	21.1	92.5	72.1 J	13	19	29.9	61.2 B	59.9 B	37.7 B	164 B	12.5 B	53.6	36.2 J	64	17	33.0	112	90.1 J	230	120	148	1,000
Beryllium	0.87 B	0.20 B	U	0.20 B	U	U	U	U	U	U	ND	U	U	U	U	U	U	0.50 B	0.10 B	U	0.34 B	U	U	U	U	U	U	U	U	U	U	U	3
Cadmium	3.5 B	0.63 B	U	0.43 B	U	2.0 B	1.8 B	U	U	U	ND	U	U	U	U	U	U	0.67 B	0.30 B	U	1.0 B	U	U	U	U	U	U	U	U	U	U	U	5
Calcium	25,400	13,600	12,400	11,400	11,200	24,700	13,400	8,970	9,190 J	7,900	8,600	11,500	29,200	28,900 J	11,900	8,800	22,000	6,830	11,500	9,990	8,030	5,860	11,900	13,100 J	10,900	7,700	14,600	15,600	13,800 J	13,700	10,800	28,300	-
Chromium	11.1	1.8 B	U	2.8 B	U	2.7 B	1.8 B	2.3 B	1.8 BJ	2.0 J	ND	0.84 J	U	U	U	3.8 J	0.96 J	18.2	3.5 B	0.73 B	7.8 B	1.8 B	1.9 B	2.3 B J	U	U	U	1.6 B	U	U	U	U	50
Cobalt	24.4 B	14.4 B	12.4 B	8.1 B	6.9 B	11.5	7.1 B	3.8 B	3.7 BJ	U	ND	1.4 J	2.1 B	1.9 BJ	5.2 J	3.4 J	3.1 J	6.3 B	3.4 B	1.7 B	1.8 B	U	21.4	20.9 J	5.9 J	1.5 J	U	35.7	8.4 BJ	22	5.2 J	1.5 J	-
Copper	306	43.1	3.1 B	30.5	U	84.8	13.1	21.3	5.0 BJ	11	4.6 J	6.2 J	11.3	10.4 J	15	12	13.3	43.7	22.7 B	4.6 B	43.7	6.9 B	65.6	24.1 J	15	2.5 J	5.1 J	7.2 B	4.4 BJ	7.6 J	3.6 J	U	200
Iron	58,000	95,900	80,400	38,000	33,000	65,900	72,300	70,200	38,800 J	57,500	42,600	29,200	20,300	475 J	45,500	51,100	16,000	18,900	4,720	187	43,300	785	59,500	36,500 J	55,000	48,900	26,200	20,700	2,560 J	47,300	32,900	2,570	300
Lead	41.3	14.5	1.5 B	13.4	U	12.5	3.3 JB	3.2 B	U	U	ND	U	4.7 B	U	U	11	U	29.9	19.9	4.9	66.8	17.3	4.4 B	U	U	U	U	U	U	U	U	U	25
Magnesium	4,520 B	2,120 B	1,970 B	2,160 B	2,040 B	2,610	2,080	1,810	1,850 J	1,400	1,300	2,580	1,770	1,840 J	2,000	1,600	4,170	3,340 B	3,830 B	3,410 B	2,690 B	2,060 B	2,810	3,060 J	2,700	1,500	3,510	2,980	3,180 J	2,600	2,700	5,900	35,000
Manganese	1,000	1,710 JN	1,590 JN	822	853	1,080	892	831	745 J	530	520	372	328	187 J	470	640	433	403	237 JN	128 JN	248	8.3 B	1,380	1,200 J	550	470	349	3,130	608 J	1,600	600	123	300
Mercury	0.11 B	U	U	U	U	U	UJ	U	U	U	ND	U	U	U	U	U	U	U	U	U	0.11 B	U	U	U	U	U	U	U	U	U	U	U	0.7
Nickel	13.3 B	4.8 B	3.5 B	6.5 B	3.7 B	5.7 B	2.6 B	U	2.2 BJ	U	ND	1.8 J	2.0 B	4.4 BJ	2.5 J	U	2.5 J	9.3 B	2.2 B	U	2.8 B	U	14.7	15.0 J	3.2 J	U	U	20.4	4.3 BJ	3.0 J	U	U	100
Potassium	15,100	5,200	4,540 B	5,120 J	5,350 J	12,700 J	4,050	2,110	2,090 J	1,500	1,500	2,600	23,700	22,700 J	1,900	1,300	4,560	2,450 B	3,330 B	2,960 B	1,960 JB	1,670 JB	3,930	4,170 J	2,500	1,200	3,480	3,980	3,580 J	3,200	2,300	5,200	-
Selenium	U	4.5 B	4.1 B	U	U	U J	U	U	U	U	ND	U	U	U	U	U	U	3.0 B	U	U	4.4 B	3.4 B	U	U	U	U	U	U	U	U	U	U	10
Silver	U	U	U	U	U	U	U	U	U	U	ND	0.32 J	U	U	U	U	0.54 J	U	U	U	U	U	U	U	U	U	0.78 J	U	U	U	U	U	50
Sodium	30,300 E	10,900 JE	9,890 JE	14,600	15,300	50,100	19,200	10,700	21,600	11,600	8,400	28,900	119,000	123,000	10,800	8,400	27,500	10,600 E	11,900 JE	12,000 JE	8,610	8,630	19,200	32,600	17,400	8,100	25,500	27,900	16,800 J	16,500	17,100	33,500	20,000
Thallium	U	U	U	U	U	U J	U	UJ	U	U	ND	U	UJ	UJ	U	U	U	U	U	U	U	U	UJ	UJ	U	11 J	U	U	UJ	U	U	U	0.5
Vanadium	14.1 B	2.2 B	U	4.7 B	0.44 B	5.0 B	2.1 B	2.4 B	U	2.2 J	2.0 J	1.1 J	4.5 B	U	1.3 J	7.6 J	1.5 J	14.1 B	3.6 B	U	14.1 B	0.61 B	2.5 B	U	1.1 J	3.5 J	U	U	U	U	1.3 J	U	-
Zinc	261	71.5	30.7	39.7	28	70.1	U	35.3 B	36.9 BJ	U	ND	U	11.1 BJ	20.6 J	U	26 J	U	65.8	25.3	27.7	48.3	36.1	18.5 BJ	48.9 BJ	U	U	U	35.5 B	U	U	U	U	2,000
Iron and Manganese	59,000	97,610	81,990	38,822	33,853	66,980	73,192	71,031	39,545 J	58,030	43,120	29,572	20,628	662 J	45,970	51,740	16,433	19,303	4,957	315	43,548	793.3	60,880	37,700 J	55,500	49,370	26,549	23,830	3,168 J	48,900	33,500	2,693	500

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TABLE 2 (CONTINUED)
GROUNDWATER SAMPLES
INORGANIC PARAMETERS DATA
I. W. INDUSTRIES, MELVILLE, NEW YORK

Well No.	MW-5					MW-6						MW-7					MW-8									NYSDEC GA Standards
Sampling Date	3/8/06		6/29/07	12/2/08	4/30/10	7/14/97	3/8/06		6/29/07	12/02/08	4/30/10	3/8/06		6/29/07	12/02/08	4/30/10	7/14/97	1/29/98		3/22/01		3/8/06		12/02/08	4/30/10	
Sample Type	Whole	Filtered	Whole	-	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Whole	Filtered	Whole	Filtered	Whole	Filtered	-	Whole	
Total Metals in ug/l																										
Aluminum	7,710	U	1,000	NS	154 J	1,270	U	U	U	U	U	228 B	U	U	U	25.0 J	2,820	1,960	11.5 B	989	22.5 B	760	U	NS	NS	-
Antimony	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	3
Arsenic	9.8 B	U	U	NS	U	U	U	U	U	U	U	6.7 B	4.3 BJ	15 J	U	U	3.5 B	U	U	U	U	U	U	NS	NS	25
Barium	70.1	20.3 J	73	NS	47.0	47.2 B	35.1	18.1 J	46	60	44.3	41.6	35.5 J	87	77	82.0	53.6 B	122 B	76.1 B	134 B	131 B	47.8	45.1 J	NS	NS	1,000
Beryllium	U	U	U	NS	U	0.17 B	U	U	U	U	U	U	U	U	U	U	0.23 B	0.17 B	U	U	U	U	U	NS	NS	3
Cadmium	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	0.33 B	0.23 B	U	0.42 B	0.65 B	U	U	NS	NS	5
Calcium	11,400	10,800 J	12,500	NS	12,100	8,280	9,100	7,680 J	9,500	10,100	9,010	12,800	13,300 J	14,100	11,400	11,100	11,200	16,800	16,000	23,400	25,500	25200 J	30,400 J	NS	NS	-
Chromium	11.4	U	2.1 J	NS	U	5.4 B	U	U	U	U	U	U	U	U	U	U	20.2	13.5	1.3 B	6.1 B	U	3.3 B	U	NS	NS	50
Cobalt	3.5 B	U	U	NS	U	2.0 B	3.4 B	3.4 BJ	U	U	U	9.0 B	8.3 BJ	2.8 J	U	1.6 J	3.4 B	2.0 B	U	1.7 B	1.1 B	U	U	NS	NS	-
Copper	132	U	23	NS	4.6 J	18.7 B	U	U	U	U	U	9.8 B	U	6.7 J	9.1 J	8.9 J	24.0 B	36.4	2.4 B	17.2 B	3.4 B	17.7	U	NS	NS	200
Iron	**9,280**	U	**1,300**	NS	271	**3,360**	73.9 B	U	110 J	U	U	**21,200**	**12,900 J**	**29,000**	**9,100**	**12,300**	**8,280**	**2,750**	23.1 B	**2,690**	12.8 B	**1,490**	U	NS	NS	300
Lead	**45.0**	U	5.8 J	NS	U	4.8	U	U	U	U	U	U	U	U	U	U	14.7	10.6	U	12.5	2.8 B	4.3 B	U	NS	NS	25
Magnesium	3,570	U	3,400	NS	3,320	2,010 B	1,940	1,630 J	2,500	2,500	2,230	3,140	3,170 J	3,400	2, 600	2,310	4,020 B	3,950 B	3,530 B	4,920 B	5,220	6,590 J	7,730 J	NS	NS	35,000
Manganese	126	**2,530 J**	**840**	NS	29.3	143	10.2 B	U	16	9.8 J	4.5 J	**475**	**431 J**	190	210	106	227	160 JN	27.5 JN	216	194	63.1	11.4 BJ	NS	NS	300
Mercury	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	0.13 B	0.14 B	U	U	NS	NS	0.7
Nickel	6.2 B	2.2 BJ	U	NS	U	4.2 B	U	U	U	U	U	4.8 B	5.4 BJ	U	U	1.6 J	5.3 B	4.9 B	U	5.6 B	4.0 B	U	2.8 BJ	NS	NS	100
Potassium	1,800	1,350 J	2,000	NS	2,060	1,570 B	995	1,080 J	1,000	1,400	1,150	2,260	2,290 J	2,100	1,600	1,920	2,000 B	2,810 B	2,490 B	5,610 J	6,090 J	2,470 J	2,870 J	NS	NS	-
Selenium	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	NS	NS	10
Silver	U	U	U	NS	U	U	U	U	U	U	U	U	U	U	U	U	1.3 B	U	U	1. 3 B	U	U	U	NS	NS	50
Sodium	9,910	**21,200**	**28,300**	NS	15,700	9,180 JE	4,700	15,800	9,500	**23,400**	**21,700**	19,500	**30,500**	18,700	17,770	**43,400**	**22,900 E**	**40,200 JE**	**40,000 JE**	**34,500**	**37,100**	19,700	**35,300**	NS	NS	20,000
Thallium	UJ	UJ	U	NS	U	U	UJ	UJ	U	U	U	UJ	UJ	U	U	U	U	U	U	U	U	UJ	UJ	NS	NS	0.5
Vanadium	14.4	U	1.8 J	NS	U	4.9 B	U	U	U	U	U	U	U	U	1.2 J	U	6.4 B	2.3 B	U	2.3 B	U	1.9 B	U	NS	NS	-
Zinc	58.7	U	14 J	NS	5.2 J	21.7	U	U	U	U	U	28.9 BJ	35.5 BJ	1.2 J	11 J	5.7 J	35.3	33.8	15.2 B	30.6	29.9	23.8 B	11.5 BJ	NS	NS	2,000
Iron and Manganese	**9,406**	**2,530 J**	**2,140**	NS	300.3	**3,503**	84.1	U	126	9.8	4.5 J	**21,675**	**13,331 J**	**29,190**	**9,310**	**12,406**	**8,507**	**2,910**	50.6	**2,906**	206.8	**1,553**	11.4 J	NS	NS	500

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TABLE 2 (CONTINUED)
GROUNDWATER SAMPLES
INORGANIC PARAMETERS DATA
I. W. INDUSTRIES, MELVILLE, NEW YORK

Well No.	MW-9														MW-10														NYSDEC GA Standards
Sampling Date	7/14/97	1/29/98		3/22/01	3/27/02		3/20/03	3/30/04	3/23/05	3/8/06		6/29/07	12/2/08	4/30/10	7/14/97	1/29/98		3/22/01		3/27/02		3/20/03	3/30/04	3/23/05	3/8/06		6/29/07	12/2/08	4/30/10	
Sample Type	Whole	Whole	Filtered	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	Whole	Whole	Filtered	Whole	Filtered	Whole	Filtered	Whole	Whole	Whole	Whole	Filtered	Whole	Whole	Whole	
Total Metals in ug/l																													
Aluminum	7,460	10,800	6,090	19,300	17,700 J	16,200	9,330 J	7,860	1,960	1,470	U	770	1,700	1,120	269	61,600	17.8 B	2,010	27.1 B	911 J	U	739 NJ	624	347 B	U	U	U	U	U	-
Antimony	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	3.4 B	U	U	U	U	U	U	U	U	U	U	U	U	U	3
Arsenic	U	6.9 B	U	U	U	U	U	U	U	U	U	U	U	U	U	119	U	6.5 B	U	U	U	U	U	U	U	U	U	U	U	25
Barium	55.5 B	53.0 B	40.3 B	87.7 B	59.8 J	66.1 J	51.1	36.2	19.0	8.8	5.0 BJ	29	83	53.0	148 B	5,630	92.5 B	275	159 B	222	183	179	236	192	99.9	71.0 J	110	140	215	1,000
Beryllium	0.83 B	1.8 B	0.80 B	1.6 B	1.6 B	1.5 B	1.1 B	0.94 B	U	U	U	U	U	U	U	6.3	U	U	U	U	U	U	U	U	U	U	U	U	U	3
Cadmium	U	0.80 B	U	U	U	U	U	U	U	U	U	U	U	U	U	0.27 B	U	U	U	U	U	U	U	U	U	U	U	U	U	5
Calcium	12,800	16,700	18,300	11,500	18,800	20,100	27,500	23,800	7,400	10,800	11,100 J	18,200	16,500	10,900	9,780	11,200	9,590	10,900	10,800	13,600	13,900	21,100	21,600	14800	12,200	12,300 J	10,600	13,300	12,300	-
Chromium	0.87 B	7.1 B	U	3.1 B	3.9 B	2.3 B	3.9 B	U	11.9	35.2	37.8 J	16	2.8 J	2.0 J	5.7 B	90.7	U	3.3 B	U	1.7 B	U	U	U	1.6 B	U	U	U	U	U	50
Cobalt	5.8 B	51.3	12.2 B	38.7 B	28.9	21.3	16.4	13.6	4.8 B	6.5 B	U	4.2 J	U	U	27.9 B	61.3	10.4 B	8.0 B	6.8 B	3.3 B	3.7 B	14.4	41.2	23.3	3.3 B	2.4 BJ	2.7 J	U	U	-
Copper	120	27.1	20.9 B	44.9	33.1	33.7	16.4	21.9	7.5 B	4.9 B	U	6.2 J	20	7.3 J	7.8 B	164	1.7 B	10.7 B	U	4.6 B	6.3 B	2.4 B	5.5 B	6.0 B	U	5.4 BJ	4.3 J	U	U	200
Iron	85.1 B	9,360	30.2 B	2,830	2,550	157 B	5,470	593	442	3,860 J	U	U	U	U	19,600	249,000	9,500	19,400	9,910	3,910	794	3,080	5,050	9,400	656	U	2,400	950	247	300
Lead	17.2	10.7	0.81 B	4.2	U	U	U	U	UJ	U	U	U	U	U	U	118	U	8.3	U	U	U	U	U	UJ	U	U	U	U	U	25
Magnesium	3,220 B	3,480 B	3,570 B	3,550 B	4,480	4,640	5,070	4,600	1,680	2,070	2,050 J	3,000	3,300	2,260	2,370 B	8,120	2,340 B	2,490 B	2,310 B	3,020	3,000	4,620	4,960	3610	3,050	3,010 J	2,800	3,200	3,260	35,000
Manganese	592	1,650 JN	855 JN	1,210	1,080	943 J	871	645	219	181	13.9 BJ	89	57	29.6	1,570	1,890 JN	823 NJ	1,110	1,140	1,580 J	1,850 J	4,680	5,730 J*	2,000	303	190 J	99	410	41.6	300
Mercury	U	U	U	0.21	U	U	U	U	UJ	U	U	U	U	U	U	0.46	U	0.15 B	*	U	U	U	U	UJ	U	U	U	U	U	0.7
Nickel	20.4 B	21.3 B	17.3 B	22.2 B	23.6	22.9	19.3	15.9	6.5 B	4.1 B	U	6.0 J	U	1.2 J	10.1 B	59.9	3.7 B	4.6 B	2.7 B	2.6 B	9.7 B	3.9 B	7.2 B	5.3 B	3.0 BJ	4.4 BJ	U	U	U	100
Potassium	10,900	10,200	10,700	19,800 J	27,500	28,500	17,700 J	12,300 J	4,790	2,750	2,230 J	2,700	3,700	3,550	1,910 B	11,300	5,740	3,010 JB	2,800 JB	3,730	3,550	4,410 NJ	5,710 J	4,870	4,540	4,210 J	2,400	1,900	2,460	-
Selenium	U	U	U	U	U	U	U	U J	U	U	U	U	U	U	U	12.4	U	U	U	U	U	U	U J	U	U	U	U	U	U	10
Silver	U	U	U	U	UJ	UJ	U	U	U	U	U	U	U	U	U	U	U	U	U	UJ	UJ	U	U	U	U	U	U	U	U	50
Sodium	28,700 E	24,300 JE	27,100 JE	32,000	34,800	35,800	34,900	31,400	22,000	22,400	33,500	19,300	32,200	28,900	12,100 E	12,800 JE	14,000 JE	12,900	13,800	16,100	16,600	16,700 E	25,000	24,100	22,800	32,600	17,500	21,800	19,900	20,000
Thallium	U	U	U	U	U	U	U	U J	U	UJ	UJ	U	U	U	U	2.3 B	U	U	U	U	U	U	U J	U	UJ	UJ	U	U	U	0.5
Vanadium	U	14.7 B	U	3.6 B	5.0 B	U	9.5	U	U	3.3 B	U	U	U	U	U	220	U	8.9 B	U	3.5 B	U	3.1 B	2.1 B	U	U	U	U	U	U	-
Zinc	74.9	56.4	50.1	66	69.9 J	93.7 J	49.8 B	44.3 B	17.2 B	23.3 B	U	150	110	10.3 J	40.2	228	16.5 B	19.5 B	16.3 B	U	24.9 B	U	U	U	15.1 B	16.1 BJ	U	U	U	2,000
Iron and Manganese	677.1	11,010	885.2	4,040	3,630	1,100	6,341	1,238	661	4,041	13.9 J	89	57	29.6	21,170	250,890	10,323	20,510	11,050	5,490	2,644	7,760	10,780	11,400	959	190 J	2,499	1,360	258.6	500

Notes:

Several wells were dry on occasion and could not be sampled.
Sample Depth refers to well depth.
U = Not Detected.
B = Reported value is less than the Contract Required Detection Limit but greater than the Instrument
E = Reported value is estimated.

NS = Not Sampled.
J = Estimated value.
ug/l = micrograms per liter.
Bold values exceed their respective NYSDEC Class GA Standard or Guidance Value.
*Laboratory data not valid.

FPM

TABLE 3
MONTHLY PRODUCT REMOVAL MONITORING LOG
I.W. INDUSTRIES, INC. SITE
35 MELVILLE PARK ROAD, MELVILLE, NEW YORK

Date	Well Number	Depth to Product (feet)	Depth to Water (feet)	Product Apparent Thickness (feet)	Notes
5/28/09	MW-7	NA	45.29	0	No sheen or odor noted.
	MW-2	NA	45.27	0	No sheen or odor noted.
	MW-1	NA	45.78	0	No sheen or odor noted.
6/30/09	MW-7	NA	44.99	0	No sheen or odor noted.
	MW-2	NA	44.98	0	No sheen or odor noted.
	MW-1	NA	45.50	0	No sheen or odor noted.
7/15/09	MW-7	NA	44.85	0	No sheen or odor noted.
	MW-2	NA	44.83	0	No sheen or odor noted.
	MW-1	NA	45.33	0	No sheen or odor noted.
8/24/09	MW-7	NA	44.79	0	No sheen or odor noted.
	MW-2	NA	44.78	0	No sheen or odor noted.
	MW-1	NA	45.27	0	No sheen or odor noted.
10/13/09	MW-7	NA	44.75	0	No sheen or odor noted.
	MW-2	NA	44.72	0	No sheen or odor noted.
	MW-1	NA	45.24	0	No sheen or odor noted.
11/6/09	MW-7	NA	44.50	0	No sheen or odor noted.
	MW-2	NA	44.49	0	No sheen or odor noted.
	MW-1	NA	44.99	0	No sheen or odor noted.
12/18/10	MW-7	NA	44.39	0	No sheen or odor noted.
	MW-2	NA	44.38	0	No sheen or odor noted.
	MW-1	NA	44.89	0	No sheen or odor noted.
1/28/10	MW-7	NA	44.00	0	No sheen or odor noted.
	MW-2	NA	43.97	0	No sheen or odor noted.
	MW-1	NA	44.49	0	No sheen or odor noted.
2/10/10	MW-7	NA	43.70	0	No sheen or odor noted.
	MW-2	NA	43.68	0	No sheen or odor noted.
	MW-1	NA	44.19	0	No sheen or odor noted.

FPM

TABLE 3
MONTHLY PRODUCT MONITORING LOG
I.W. INDUSTRIES, INC. SITE
35 MELVILLE PARK ROAD, MELVILLE, NEW YORK

Date	Well Number	Depth to Product (feet)	Depth to Water (feet)	Product Apparent Thickness (feet)	Notes
3/1/10	MW-7	NA	42.99	0	No sheen or odor noted.
	MW-2	NA	42.98	0	No sheen or odor noted.
	MW-1	NA	43.49	0	No sheen or odor noted.
4/30/10	MW-7	NA	41.96	0	No sheen or odor noted.
	MW-2	NA	41.95	0	No sheen. Very minor petroleum odor noted.
	MW-1	NA	42.46	0	No sheen. Very minor petroleum odor noted.
5/20/10	MW-7	NA	42.01	0	No sheen or odor noted.
	MW-2	NA	42.00	0	No sheen. Very minor petroleum odor noted.
	MW-1	NA	42.50	0	No sheen. Very minor petroleum odor noted.

NA = Not applicable, no floating product.

ATTACHMENT A

WELL SAMPLING FORMS

FPM

WELL SAMPLING DATA FORM

Project: [illegible]

Location: Melville

Well No.: MW - 1 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: ~70 sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 52.8 Feet.

Depth to Water: 42.46 Feet.

Height of Water Column: 10.34 Feet.

Water Volume in Casing: 6.72 Gallons.

Water Volume to be Purged: 20.16 Gallons.

Water Volume Actually Purged: 21 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	7	6.18	335	16.4	71
	14	6.23	331	15.3	8
	21	6.23	326	15.3	0

Sampling and Analytical Methods: VOCs, SVOCs, metals

Laboratory Name and Location: TA, CT

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FPM

WELL SAMPLING DATA FORM

Project: IW1

Location: Melville

Well No.: MW-2 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 70 Sunny Finish Time: _____

Sampled By: JD/MW

Depth to Bottom of Well: 52.8 Feet.

Depth to Water: 41.95 Feet.

Height of Water Column: 10.85 Feet.

Water Volume in Casing: 7.05 Gallons.

Water Volume to be Purged: 21.16 Gallons.

Water Volume Actually Purged: 22 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	7	5.94	349	16.4	288
	14	5.87	361	16.0	134
	22	5.90	362	15.8	32

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TA, Ct

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FPM

WELL SAMPLING DATA FORM

Project: IW 1

Location: Melville

Well No.: MW-3 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 70° Sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 48.8 Feet.

Depth to Water: 41.48 Feet.

Height of Water Column: 7.32 Feet.

Water Volume in Casing: 4.76 Gallons.

Water Volume to be Purged: 14.27 Gallons.

Water Volume Actually Purged: 15 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	5	6.07	309	16.2	204
	10	6.30	297	15.6	53
	15	6.09	327	15.9	43

Sampling and Analytical Methods: VOCs SVOCs metals

Laboratory Name and Location: TA, CT

FPM

WELL SAMPLING DATA FORM

Project: IW1

Location: Melville

Well No.: MW-4 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 70° Sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 48.3 Feet.

Depth to Water: 42.04 Feet.

Height of Water Column: 6.26 Feet.

Water Volume in Casing: 4.07 Gallons.

Water Volume to be Purged: 12.21 Gallons.

Water Volume Actually Purged: 13 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	4	5.70	437	16.3	13
	8	5.91	409	16.3	0
	13	5.886	403	16.0	0

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TA, CT

FPM

WELL SAMPLING DATA FORM

Project: INL

Location: Melville

Well No.: mw-5 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 60° Sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 46.4 Feet.

Depth to Water: 42.95 Feet.

Height of Water Column: 3.45 Feet.

Water Volume in Casing: 2.24 Gallons.

Water Volume to be Purged: 6.73 Gallons.

Water Volume Actually Purged: 7 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)C	Turbidity (NTU)
	2	6.32	239	15.7	117
	5	6.20	205	15.3	61
	7	6.13	207	15.2	41

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TA, CT

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FPM

WELL SAMPLING DATA FORM

Project: IW1

Location: Melville

Well No.: MW-6 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 60° Sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 52.20 Feet.

Depth to Water: 40.60 Feet.

Height of Water Column: 11.6 Feet.

Water Volume in Casing: 7.54 Gallons.

Water Volume to be Purged: 22.62 Gallons.

Water Volume Actually Purged: 23 Gallons.

Purge Method: Sub pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	8	5.92	175 VVV	16.6	51
	16	5.92	193	14.9	27
	23	5.82	194	15.4	13

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TestAmerica, CT

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FPM

WELL SAMPLING DATA FORM

Project: IW1

Location: Melville

Well No.: mw-7 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 65° Sunny Finish Time: _____

Sampled By: JB/AM

Depth to Bottom of Well: 52.60 Feet.

Depth to Water: 41.96 Feet.

Height of Water Column: 10.64 Feet.

Water Volume in Casing: 6.92 Gallons.

Water Volume to be Purged: 20.75 Gallons.

Water Volume Actually Purged: 21 Gallons.

Purge Method: Sub. Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	7	5.94	350	16.4	146
	14	5.91	351	16.1	111
	21	5.77	352	16.6	83

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TA, CT

FPM

WELL SAMPLING DATA FORM

Project: IWI

Location: melville

Well No.: mw-9 Well Diameter: 4"

Date: 4/30/10 Start Time: _____

Weather: 65° Sunny Finish Time: _____

Sampled By: JB/MM

Depth to Bottom of Well: 52 Feet.

Depth to Water: 42.95 Feet.

Height of Water Column: 9.05 Feet.

Water Volume in Casing: 5.88 Gallons.

Water Volume to be Purged: 17.65 Gallons.

Water Volume Actually Purged: 18 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	6	4.76	259	16.3	31
	12	4.84	257	16.2	12
	18	4.82	266	16.3	17

Sampling and Analytical Methods: VOCs, SVOCs, metals

Laboratory Name and Location: TA, CT

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FPM

WELL SAMPLING DATA FORM

Project: JW1

Location: Melville

Well No.: M-10 Well Diameter: 4"

Date: 4/30/16 Start Time: _____

Weather: 65° Sunny Finish Time: _____

Sampled By: JB/Am

Depth to Bottom of Well: 58 Feet.

Depth to Water: 42.05 Feet.

Height of Water Column: 15.95 Feet.

Water Volume in Casing: 10.37 Gallons.

Water Volume to be Purged: 31.16 Gallons.

Water Volume Actually Purged: 32 Gallons.

Purge Method: Sub Pump

Physical Appearance/Comments: _____

FIELD MEASUREMENTS:

Time	Gallons	pH	Cond. (uS)	Temp. (°F)	Turbidity (NTU)
	11	6.20	206	15.2	14
	22	6.01	209	14.4	0
	32	6.02	213	15.2	0

Sampling and Analytical Methods: VOCs, SVOCs, Metals

Laboratory Name and Location: TAI CT

FPM

ATTACHMENT B

LABORATORY CHEMICAL ANALYTICAL DATA

FPM

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-12107-1

Job Description: IW Industries

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: Mr. John Bukoski

Joan Widomski

Approved for release.
Joan Widomski
Data Review Analyst I
5/13/2010 11:28 AM

Designee for
Johanna Dubauskas
Project Manager I
johanna.dubauskas@testamericainc.com
05/13/2010

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

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

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I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Scott R. Hall
Laboratory Director

May 13, 2010
Date

Job Narrative
220-12107-1

Comments
No additional comments.

Receipt
One amber liter container for the following sample was received broken: MW-10 (220-12107-7).

The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: TRIP BLANK (220-12107-12). As a result, a sample collection time of 12:00 am, on the date of collection, has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Surrogate recovery for the following sample was outside of acceptance limits: MW-5 (220-12107-1). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The method blank for preparation batch 38211 run on 5/6/10 at 15:03 contained copper above the reporting limit (RL). None of the samples associated with this method blank contained the target analyte above the reporting limit; therefore, re-digestion and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-12107-1	MW-5	Water	04/30/2010 0945	05/03/2010 1420
220-12107-2	MW-6	Water	04/30/2010 1000	05/03/2010 1420
220-12107-3	MW-6D	Water	04/30/2010 1005	05/03/2010 1420
220-12107-4	MW-9	Water	04/30/2010 1100	05/03/2010 1420
220-12107-5	MW-9F	Water	04/30/2010 1110	05/03/2010 1420
220-12107-6	MW-7	Water	04/30/2010 1210	05/03/2010 1420
220-12107-7	MW-10	Water	04/30/2010 1300	05/03/2010 1420
220-12107-7MS	MW-10 MS	Water	04/30/2010 1300	05/03/2010 1420
220-12107-7MSD	MW-10 MSD	Water	04/30/2010 1300	05/03/2010 1420
220-12107-8	MW-1	Water	04/30/2010 1415	05/03/2010 1420
220-12107-9	MW-2	Water	04/30/2010 1445	05/03/2010 1420
220-12107-10	MW-3	Water	04/30/2010 1500	05/03/2010 1420
220-12107-11	MW-4	Water	04/30/2010 1540	05/03/2010 1420
220-12107-12TB	TRIP BLANK	Water	04/30/2010 0000	05/03/2010 1420

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-1	**MW-5**					
Aluminum		154	J	500	ug/L	6010B
Barium		47.0		5.0	ug/L	6010B
Calcium		12100		500	ug/L	6010B
Copper		4.6	J	10.0	ug/L	6010B
Iron		271		125	ug/L	6010B
Potassium		2060		500	ug/L	6010B
Magnesium		3320		500	ug/L	6010B
Manganese		29.3		8.0	ug/L	6010B
Sodium		15700		500	ug/L	6010B
Zinc		5.2	J	25.0	ug/L	6010B
220-12107-2	**MW-6**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Barium		44.3		5.0	ug/L	6010B
Calcium		9010		500	ug/L	6010B
Potassium		1150		500	ug/L	6010B
Magnesium		2230		500	ug/L	6010B
Manganese		4.5	J	8.0	ug/L	6010B
Sodium		21700		500	ug/L	6010B
220-12107-3	**MW-6D**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Barium		43.0		5.0	ug/L	6010B
Calcium		8850		500	ug/L	6010B
Potassium		1140		500	ug/L	6010B
Magnesium		2200		500	ug/L	6010B
Manganese		4.4	J	8.0	ug/L	6010B
Sodium		21800		500	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-4	**MW-9**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Aluminum		1120		500	ug/L	6010B
Barium		53.0		5.0	ug/L	6010B
Calcium		10900		500	ug/L	6010B
Chromium		2.0	J	5.0	ug/L	6010B
Copper		7.3	J	10.0	ug/L	6010B
Potassium		3550		500	ug/L	6010B
Magnesium		2260		500	ug/L	6010B
Manganese		29.6		8.0	ug/L	6010B
Sodium		28900		500	ug/L	6010B
Nickel		1.2	J	5.0	ug/L	6010B
Zinc		10.3	J	25.0	ug/L	6010B
220-12107-5	**MW-9F**					
Acetone		1.8	J	10	ug/L	8260B
Methyl Ethyl Ketone		5.3	J	10	ug/L	8260B
Di-n-butyl phthalate		5.1	B	4.3	ug/L	8270C
220-12107-6	**MW-7**					
Chlorobenzene		3.8	J	5.0	ug/L	8260B
Tetrachloroethene		1.7	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		1.9	J	5.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		0.71	J	4.2	ug/L	8270C
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
1,3-Dichlorobenzene		1.1	J	4.2	ug/L	8270C
1,4-Dichlorobenzene		6.1		4.2	ug/L	8270C
Fluoranthene		4.4		4.2	ug/L	8270C
Pyrene		1.3	J	4.2	ug/L	8270C
Aluminum		25.0	J	500	ug/L	6010B
Barium		82.0		5.0	ug/L	6010B
Calcium		11100		500	ug/L	6010B
Cobalt		1.6	J	5.0	ug/L	6010B
Copper		8.9	J	10.0	ug/L	6010B
Iron		12300		125	ug/L	6010B
Potassium		1920		500	ug/L	6010B
Magnesium		2310		500	ug/L	6010B
Manganese		106		8.0	ug/L	6010B
Sodium		43400		500	ug/L	6010B
Nickel		1.6	J	5.0	ug/L	6010B
Zinc		5.7	J	25.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-7	**MW-10**					
Tetrachloroethene		1.5	J	5.0	ug/L	8260B
Di-n-butyl phthalate		4.8	B	4.0	ug/L	8270C
Barium		215		5.0	ug/L	6010B
Calcium		12300		500	ug/L	6010B
Iron		247		125	ug/L	6010B
Potassium		2460		500	ug/L	6010B
Magnesium		3260		500	ug/L	6010B
Manganese		41.6		8.0	ug/L	6010B
Sodium		19900		500	ug/L	6010B
220-12107-8	**MW-1**					
Chlorobenzene		9.0		5.0	ug/L	8260B
Silver		0.32	J	5.0	ug/L	6010B
Barium		21.1		5.0	ug/L	6010B
Calcium		11500		500	ug/L	6010B
Cobalt		1.4	J	5.0	ug/L	6010B
Chromium		0.84	J	5.0	ug/L	6010B
Copper		6.2	J	10.0	ug/L	6010B
Iron		29200		125	ug/L	6010B
Potassium		2600		500	ug/L	6010B
Magnesium		2580		500	ug/L	6010B
Manganese		372		8.0	ug/L	6010B
Sodium		28900		500	ug/L	6010B
Nickel		1.8	J	5.0	ug/L	6010B
Vanadium		1.1	J	5.0	ug/L	6010B
220-12107-9	**MW-2**					
Acetone		1.1	J B	10	ug/L	8260B
Chlorobenzene		4.1	J	5.0	ug/L	8260B
Silver		0.54	J	5.0	ug/L	6010B
Arsenic		7.9	J	15.0	ug/L	6010B
Barium		29.9		5.0	ug/L	6010B
Calcium		22000		500	ug/L	6010B
Cobalt		3.1	J	5.0	ug/L	6010B
Chromium		0.96	J	5.0	ug/L	6010B
Copper		13.3		10.0	ug/L	6010B
Iron		16000		125	ug/L	6010B
Potassium		4560		500	ug/L	6010B
Magnesium		4170		500	ug/L	6010B
Manganese		433		8.0	ug/L	6010B
Sodium		27500		500	ug/L	6010B
Nickel		2.5	J	5.0	ug/L	6010B
Vanadium		1.5	J	5.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-10	**MW-3**					
Chlorobenzene		7.1		5.0	ug/L	8260B
Tetrachloroethene		1.3	J	5.0	ug/L	8260B
Silver		0.78	J	5.0	ug/L	6010B
Barium		33.0		5.0	ug/L	6010B
Calcium		14600		500	ug/L	6010B
Copper		5.1	J	10.0	ug/L	6010B
Iron		26200		125	ug/L	6010B
Potassium		3480		500	ug/L	6010B
Magnesium		3510		500	ug/L	6010B
Manganese		349		8.0	ug/L	6010B
Sodium		25500		500	ug/L	6010B
220-12107-11	**MW-4**					
Barium		148		5.0	ug/L	6010B
Calcium		28300		500	ug/L	6010B
Cobalt		1.5	J	5.0	ug/L	6010B
Iron		2570		125	ug/L	6010B
Potassium		5200		500	ug/L	6010B
Magnesium		5900		500	ug/L	6010B
Manganese		123		8.0	ug/L	6010B
Sodium		33500		500	ug/L	6010B

METHOD SUMMARY

Client: FPM Group Limited

Job Number: 220-12107-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
TCL VOA	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
SVOC	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
TAL Metals	TAL CT	SW846 6010B	
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury	TAL CT	SW846 7470A	
Preparation, Mercury	TAL CT		SW846 7470A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

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

METHOD / ANALYST SUMMARY

Client: FPM Group Limited

Job Number: 220-12107-1

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-5**

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1607
Date Prepared: 05/06/2010 1607

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1881.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6**

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1823
Date Prepared: 05/06/2010 1823

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1886.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	92		68 - 132
Toluene-d8 (Surr)	94		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6D**

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1850
Date Prepared: 05/06/2010 1850

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1887.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	90		68 - 132
Toluene-d8 (Surr)	94		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9**

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1918
Date Prepared: 05/06/2010 1918

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1888.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	88		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1945
Date Prepared: 05/06/2010 1945

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1889.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.8	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	5.3	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-7

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 2013
Date Prepared: 05/06/2010 2013

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1890.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	3.8	J	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.7	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.9	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-10

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1540
Date Prepared: 05/06/2010 1540

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1880.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-1

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 2134
Date Prepared: 05/06/2010 2134

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1893.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	9.0		0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	79		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-2**

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/07/2010 1233
Date Prepared: 05/07/2010 1233

Analysis Batch: 220-38258

Instrument ID: MSV
Lab File ID: V1915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	4.1	J	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	80		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-3**

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 2040
Date Prepared: 05/06/2010 2040

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1891.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	7.1		0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.3	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
4-Bromofluorobenzene	80		51 - 142
Dibromofluoromethane	88		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 2107
Date Prepared: 05/06/2010 2107

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1892.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 220-12107-12TB
Client Matrix: Water

Date Sampled: 04/30/2010 0000
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 1418
Date Prepared: 05/06/2010 1418

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1877.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	96		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	100		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-5**

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10915.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1240			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-5**

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10915.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1240			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	11	*	39 - 120
2-Fluorophenol	8	*	13 - 120
2,4,6-Tribromophenol	20	*	36 - 120
Nitrobenzene-d5	14	*	40 - 120
Phenol-d5	5	*	10 - 120
Terphenyl-d14	20		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6**

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10916.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1308			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10916.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1308			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	46		13 - 120
2,4,6-Tribromophenol	67		36 - 120
Nitrobenzene-d5	79		40 - 120
Phenol-d5	31		10 - 120
Terphenyl-d14	72		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6D**

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10917.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1336			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6D**

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10917.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1336			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		39 - 120
2-Fluorophenol	42		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	78		40 - 120
Phenol-d5	29		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9**

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10918.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1405			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9**

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10918.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1405			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	75		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	69		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9F

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10919.D
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/07/2010 1433			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.3	U	0.33	4.3
Acenaphthylene	4.3	U	0.36	4.3
Anthracene	4.3	U	0.31	4.3
Benzo[a]anthracene	4.3	U	0.32	4.3
Benzo[a]pyrene	4.3	U	0.37	4.3
Benzo[b]fluoranthene	4.3	U	0.38	4.3
Benzo[g,h,i]perylene	4.3	U	0.38	4.3
Benzo[k]fluoranthene	4.3	U	0.43	4.3
Bis(2-chloroethoxy)methane	4.3	U	0.33	4.3
Bis(2-chloroethyl)ether	4.3	U	0.31	4.3
Bis(2-ethylhexyl) phthalate	4.3	U	0.57	4.3
Butyl benzyl phthalate	4.3	U	0.37	4.3
Carbazole	4.3	U	0.35	4.3
Chrysene	4.3	U	0.27	4.3
Di-n-butyl phthalate	5.1	B	0.37	4.3
Di-n-octyl phthalate	4.3	U	0.40	4.3
4-Bromophenyl phenyl ether	4.3	U	0.47	4.3
4-Chloroaniline	4.3	U	0.31	4.3
2-Chloronaphthalene	4.3	U	0.41	4.3
4-Chlorophenyl phenyl ether	4.3	U	0.37	4.3
Dibenz(a,h)anthracene	4.3	U	0.40	4.3
Dibenzofuran	4.3	U	0.46	4.3
Diethyl phthalate	4.3	U	0.46	4.3
Dimethyl phthalate	4.3	U	0.40	4.3
1,2-Dichlorobenzene	4.3	U	0.33	4.3
1,3-Dichlorobenzene	4.3	U	0.27	4.3
1,4-Dichlorobenzene	4.3	U	0.33	4.3
3,3'-Dichlorobenzidine	4.3	U	0.38	4.3
2,4-Dinitrotoluene	4.3	U	0.43	4.3
2,6-Dinitrotoluene	4.3	U	0.28	4.3
Fluoranthene	4.3	U	0.33	4.3
Fluorene	4.3	U	0.28	4.3
Hexachlorobenzene	4.3	U	0.35	4.3
Hexachlorobutadiene	4.3	U	0.21	4.3
Hexachlorocyclopentadiene	4.3	U	0.37	4.3
Hexachloroethane	4.3	U	0.39	4.3
Indeno[1,2,3-cd]pyrene	4.3	U	0.30	4.3
Isophorone	4.3	U	0.33	4.3
2-Methylnaphthalene	4.3	U	0.29	4.3
Naphthalene	4.3	U	0.32	4.3
2-Nitroaniline	4.3	U	0.36	4.3
3-Nitroaniline	4.3	U	0.24	4.3
Nitrobenzene	4.3	U	0.30	4.3
N-Nitrosodi-n-propylamine	4.3	U	0.35	4.3
N-Nitrosodiphenylamine	4.3	U	0.35	4.3
Phenanthrene	4.3	U	0.30	4.3

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9F

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

8270C SVOC

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 05/07/2010 1433
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198

Instrument ID: MSA
Lab File ID: A10919.D
Initial Weight/Volume: 940 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.3	U	0.35	4.3
1,2,4-Trichlorobenzene	4.3	U	0.38	4.3
4-Chloro-3-methylphenol	5.3	U	0.36	5.3
2-Chlorophenol	4.3	U	0.24	4.3
2-Methylphenol	4.3	U	0.26	4.3
4-Methylphenol	4.3	U	0.31	4.3
2,4-Dichlorophenol	4.3	U	0.35	4.3
2,4-Dimethylphenol	4.3	U	0.35	4.3
2,4-Dinitrophenol	27	U	0.46	27
4,6-Dinitro-2-methylphenol	27	U	2.0	27
2-Nitrophenol	4.3	U	0.29	4.3
4-Nitrophenol	11	U	1.5	11
Pentachlorophenol	27	U	0.33	27
Phenol	4.3	U	0.20	4.3
2,4,5-Trichlorophenol	11	U	0.30	11
2,4,6-Trichlorophenol	4.3	U	0.39	4.3
Benzyl alcohol	4.3	U	0.44	4.3
4-Nitroaniline	4.3	U	0.21	4.3
2,2'-oxybis[1-chloropropane]	4.3	U	0.27	4.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	44		13 - 120
2,4,6-Tribromophenol	67		36 - 120
Nitrobenzene-d5	76		40 - 120
Phenol-d5	31		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-7**

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10920.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1502			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	0.71	J	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	1.1	J	0.26	4.2
1,4-Dichlorobenzene	6.1		0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.4		0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-7

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10920.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1502			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	1.3	J	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		39 - 120
2-Fluorophenol	42		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	77		40 - 120
Phenol-d5	30		10 - 120
Terphenyl-d14	81		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-10**

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10921.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/07/2010 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.8	B	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-10

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10921.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/07/2010 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	46		13 - 120
2,4,6-Tribromophenol	69		36 - 120
Nitrobenzene-d5	77		40 - 120
Phenol-d5	32		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-1

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16184.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/10/2010 1714			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-1

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16184.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/10/2010 1714			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	96		36 - 120
Nitrobenzene-d5	72		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	106		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-2

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16185.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	05/10/2010 1742			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.33	4.2
Acenaphthylene	4.2	U	0.36	4.2
Anthracene	4.2	U	0.31	4.2
Benzo[a]anthracene	4.2	U	0.32	4.2
Benzo[a]pyrene	4.2	U	0.37	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.33	4.2
Bis(2-chloroethyl)ether	4.2	U	0.31	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.57	4.2
Butyl benzyl phthalate	4.2	U	0.37	4.2
Carbazole	4.2	U	0.35	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.37	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.31	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.37	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.33	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.33	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.33	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.35	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.37	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.33	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.32	4.2
2-Nitroaniline	4.2	U	0.36	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.35	4.2
N-Nitrosodiphenylamine	4.2	U	0.35	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-2**

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16185.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	05/10/2010 1742			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.35	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.3	U	0.36	5.3
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.31	4.2
2,4-Dichlorophenol	4.2	U	0.35	4.2
2,4-Dimethylphenol	4.2	U	0.35	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	2.0	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	11	U	1.5	11
Pentachlorophenol	26	U	0.33	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	11	U	0.29	11
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		39 - 120
2-Fluorophenol	44		13 - 120
2,4,6-Tribromophenol	96		36 - 120
Nitrobenzene-d5	74		40 - 120
Phenol-d5	32		10 - 120
Terphenyl-d14	105		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-3**

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16186.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	05/10/2010 1809			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.3	U	0.34	4.3
Acenaphthylene	4.3	U	0.37	4.3
Anthracene	4.3	U	0.32	4.3
Benzo[a]anthracene	4.3	U	0.33	4.3
Benzo[a]pyrene	4.3	U	0.38	4.3
Benzo[b]fluoranthene	4.3	U	0.39	4.3
Benzo[g,h,i]perylene	4.3	U	0.39	4.3
Benzo[k]fluoranthene	4.3	U	0.43	4.3
Bis(2-chloroethoxy)methane	4.3	U	0.34	4.3
Bis(2-chloroethyl)ether	4.3	U	0.32	4.3
Bis(2-ethylhexyl) phthalate	4.3	U	0.59	4.3
Butyl benzyl phthalate	4.3	U	0.38	4.3
Carbazole	4.3	U	0.36	4.3
Chrysene	4.3	U	0.27	4.3
Di-n-butyl phthalate	4.3	U	0.38	4.3
Di-n-octyl phthalate	4.3	U	0.41	4.3
4-Bromophenyl phenyl ether	4.3	U	0.48	4.3
4-Chloroaniline	4.3	U	0.32	4.3
2-Chloronaphthalene	4.3	U	0.42	4.3
4-Chlorophenyl phenyl ether	4.3	U	0.38	4.3
Dibenz(a,h)anthracene	4.3	U	0.41	4.3
Dibenzofuran	4.3	U	0.47	4.3
Diethyl phthalate	4.3	U	0.47	4.3
Dimethyl phthalate	4.3	U	0.41	4.3
1,2-Dichlorobenzene	4.3	U	0.34	4.3
1,3-Dichlorobenzene	4.3	U	0.27	4.3
1,4-Dichlorobenzene	4.3	U	0.34	4.3
3,3'-Dichlorobenzidine	4.3	U	0.39	4.3
2,4-Dinitrotoluene	4.3	U	0.43	4.3
2,6-Dinitrotoluene	4.3	U	0.28	4.3
Fluoranthene	4.3	U	0.34	4.3
Fluorene	4.3	U	0.28	4.3
Hexachlorobenzene	4.3	U	0.36	4.3
Hexachlorobutadiene	4.3	U	0.22	4.3
Hexachlorocyclopentadiene	4.3	U	0.38	4.3
Hexachloroethane	4.3	U	0.40	4.3
Indeno[1,2,3-cd]pyrene	4.3	U	0.30	4.3
Isophorone	4.3	U	0.34	4.3
2-Methylnaphthalene	4.3	U	0.29	4.3
Naphthalene	4.3	U	0.33	4.3
2-Nitroaniline	4.3	U	0.37	4.3
3-Nitroaniline	4.3	U	0.25	4.3
Nitrobenzene	4.3	U	0.30	4.3
N-Nitrosodi-n-propylamine	4.3	U	0.36	4.3
N-Nitrosodiphenylamine	4.3	U	0.36	4.3
Phenanthrene	4.3	U	0.30	4.3

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-3

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16186.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	05/10/2010 1809			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.3	U	0.36	4.3
1,2,4-Trichlorobenzene	4.3	U	0.39	4.3
4-Chloro-3-methylphenol	5.4	U	0.37	5.4
2-Chlorophenol	4.3	U	0.25	4.3
2-Methylphenol	4.3	U	0.26	4.3
4-Methylphenol	4.3	U	0.32	4.3
2,4-Dichlorophenol	4.3	U	0.36	4.3
2,4-Dimethylphenol	4.3	U	0.36	4.3
2,4-Dinitrophenol	27	U	0.47	27
4,6-Dinitro-2-methylphenol	27	U	2.0	27
2-Nitrophenol	4.3	U	0.29	4.3
4-Nitrophenol	11	U	1.6	11
Pentachlorophenol	27	U	0.34	27
Phenol	4.3	U	0.21	4.3
2,4,5-Trichlorophenol	11	U	0.30	11
2,4,6-Trichlorophenol	4.3	U	0.40	4.3
Benzyl alcohol	4.3	U	0.45	4.3
4-Nitroaniline	4.3	U	0.22	4.3
2,2'-oxybis[1-chloropropane]	4.3	U	0.27	4.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		39 - 120
2-Fluorophenol	43		13 - 120
2,4,6-Tribromophenol	94		36 - 120
Nitrobenzene-d5	73		40 - 120
Phenol-d5	30		10 - 120
Terphenyl-d14	109		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-4**

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16187.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/10/2010 1838			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0852			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16187.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/10/2010 1838			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0852			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		39 - 120
2-Fluorophenol	40		13 - 120
2,4,6-Tribromophenol	93		36 - 120
Nitrobenzene-d5	72		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	104		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-5

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

6010B TAL Metals

Method:	6010B	Analysis Batch: 220-38221		Instrument ID:	ICAP3
Preparation:	3010A	Prep Batch: 220-38211		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/06/2010 1608			Final Weight/Volume:	50 mL
Date Prepared:	05/06/2010 1130				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	154	J	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	47.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	12100		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	4.6	J	1.5	10.0
Iron	271		15.0	125
Potassium	2060		50.0	500
Magnesium	3320		5.0	500
Manganese	29.3		0.25	8.0
Sodium	15700		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	5.2	J	5.0	25.0

7470A Mercury

Method:	7470A	Analysis Batch: 220-38189		Instrument ID:	MERC1
Preparation:	7470A	Prep Batch: 220-38146		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	05/05/2010 1247			Final Weight/Volume:	50 mL
Date Prepared:	05/04/2010 1041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-6**

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1612
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	44.3		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	9010		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	1150		50.0	500
Magnesium	2230		5.0	500
Manganese	4.5	J	0.25	8.0
Sodium	21700		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1248
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6D

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1647
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	43.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	8850		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	1140		50.0	500
Magnesium	2200		5.0	500
Manganese	4.4	J	0.25	8.0
Sodium	21800		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1248
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

6010B TAL Metals

Method:	6010B	Analysis Batch: 220-38221		Instrument ID:	ICAP3
Preparation:	3010A	Prep Batch: 220-38211		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	100 mL
Date Analyzed:	05/06/2010 1651			Final Weight/Volume:	50 mL
Date Prepared:	05/06/2010 1130				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	1120		10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	53.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	10900		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	2.0	J	0.50	5.0
Copper	7.3	J	1.5	10.0
Iron	125	U	15.0	125
Potassium	3550		50.0	500
Magnesium	2260		5.0	500
Manganese	29.6		0.25	8.0
Sodium	28900		50.0	500
Nickel	1.2	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	10.3	J	5.0	25.0

7470A Mercury

Method:	7470A	Analysis Batch: 220-38189		Instrument ID:	MERC1
Preparation:	7470A	Prep Batch: 220-38146		Lab File ID:	N/A
Dilution:	1.0			Initial Weight/Volume:	25 mL
Date Analyzed:	05/05/2010 1249			Final Weight/Volume:	50 mL
Date Prepared:	05/04/2010 1041				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1654
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	5.0	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	500	U	50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	500	U	50.0	500
Magnesium	500	U	5.0	500
Manganese	8.0	U	0.25	8.0
Sodium	500	U	50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1250
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-7**

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1657
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	25.0	J	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	82.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	11100		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.6	J	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	8.9	J	1.5	10.0
Iron	12300		15.0	125
Potassium	1920		50.0	500
Magnesium	2310		5.0	500
Manganese	106		0.25	8.0
Sodium	43400		50.0	500
Nickel	1.6	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	5.7	J	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1251
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-10**

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1335
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	215		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	12300		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	247		15.0	125
Potassium	2460		50.0	500
Magnesium	3260		5.0	500
Manganese	41.6		0.25	8.0
Sodium	19900		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1252
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-1

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1700
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.32	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	21.1		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	11500		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.4	J	0.50	5.0
Chromium	0.84	J	0.50	5.0
Copper	6.2	J	1.5	10.0
Iron	29200		15.0	125
Potassium	2600		50.0	500
Magnesium	2580		5.0	500
Manganese	372		0.25	8.0
Sodium	28900		50.0	500
Nickel	1.8	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	1.1	J	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1259
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-2

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1355
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.54	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	7.9	J	4.0	15.0
Barium	29.9		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	22000		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	3.1	J	0.50	5.0
Chromium	0.96	J	0.50	5.0
Copper	13.3		1.5	10.0
Iron	16000		15.0	125
Potassium	4560		50.0	500
Magnesium	4170		5.0	500
Manganese	433		0.25	8.0
Sodium	27500		50.0	500
Nickel	2.5	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	1.5	J	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1300
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-3**

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1358
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.78	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	33.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	14600		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	5.1	J	1.5	10.0
Iron	26200		15.0	125
Potassium	3480		50.0	500
Magnesium	3510		5.0	500
Manganese	349		0.25	8.0
Sodium	25500		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1301
Date Prepared: 05/04/2010 1046

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1401
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	148		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	28300		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.5	J	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	2570		15.0	125
Potassium	5200		50.0	500
Magnesium	5900		5.0	500
Manganese	123		0.25	8.0
Sodium	33500		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1301
Date Prepared: 05/04/2010 1046

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

ATTACHMENT C

DATA USABILITY SUMMARY REPORT

FPM

DATA USABILITY SUMMARY REPORT
FOR APRIL 2010 GROUNDWATER SAMPLING
LAB REPORT #220-12107-1
IW INDUSTRIES SITE
35 MELVILLE PARK ROAD, MELVILLE, NEW YORK

This DUSR was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included nine groundwater samples collected from the groundwater monitoring well network.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated sampling equipment. Samples for Quality Assurance/Quality Control (QA/QC) were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the Site Management Plan.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by TestAmerica Laboratories, Inc. at their Shelton, Connecticut facility, which is certified by the New York State Department of Health for the analyses performed. The samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) using Method 5030B/8260B, for TCL semivolatile organic compounds (SVOCs) using Method 3510C/8270C, and Target Analyte List (TAL) metals using Method 3010A/6010B. The analytical and prep methods and analytes are appropriate for the intended use of the data. The sample holding times were met and no significant problems with sample receipt or handling were reported by the laboratory.

A trip blank sample was used to verify that cross-contamination between samples by VOCs did not occur in the field or laboratory. The trip blank sample did not contain any detectable VOCs and, therefore, it does not appear that cross-contamination between samples by VOCs is likely to affect the sample data.

An equipment blank sample was collected to evaluate potential contamination from field sampling procedures. No targeted analytes were detected in the equipment blank sample with the exception of low concentrations of acetone, methyl ethyl ketone, and di-n-butyl phthalate. The detected analytes are not compounds of concern at the Site and were detected only at low concentrations. Furthermore, the di-n-butyl phthalate detection was B-qualified, indicating it was detected in an associated laboratory blank and is likely related to laboratory contamination. These detections do not indicate significant levels of field-related contamination.

A duplicate sample was collected during this sampling event and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample, MW-6D, and the associated parent sample, MW-6, are nearly identical; therefore, the laboratory results are likely to be reasonably precise.

A matrix spike/matrix spike duplicate (MS/MSD) sample was prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. One MS/MSD sample was collected during this sampling event. Based

on information provided by the analytical laboratory, the MS/MSD results were within QC limits except for the following: the percent recoveries (%Rs) of chloroethane and di-n-octyl phthalate for the MS and MSD samples were above their limits; and the %Rs of 3,3-dichlorobenzidine for the MS and MSD samples were below the limit. None of these compounds were detected in any of the primary samples. Therefore, it appears that matrix-related effects do not affect the analytical results.

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results show only low detected concentrations of acetone, methyl ethyl ketone, di-n-butyl phthalate, copper, lead, and/or zinc. The detections are low and the associated primary sample results are B-qualified. Therefore, it appears cross-contamination associated with sample preparation or analysis does not significantly affect the analytical results.

Laboratory control samples (LCSs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS percent recoveries (%Rs) and relative percent differences (RPDs) were all within established guidelines except for chloroethane for the LCS for batches 220-38243 and 220-38258, each of which exceeded its allowed %R. This VOC was not detected in any associated primary samples; therefore, it does not appear that the sample results are affected.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance. No field or laboratory conditions occurred that would result in non-valid analytical data. The data appear to be adequate for their intended purpose.

Stephanie O. Davis, PG, CPG

FPM group — Engineering and Environmental Science



Ms. Davis has diversified experience in geology and hydrogeology. Her professional experience includes groundwater and soil investigations, design and management of soil remediation projects, design and installation of groundwater containment and remediation systems, groundwater flow modeling, aquifer testing and interpretation, evaluation of site compliance with environmental regulations, environmental permitting, and personnel training.

Functional Role	Title	Years of Experience
Senior Hydrogeologist	Department Manager - Hydrogeology	26

Personal Data

Education
M.S./1984/Geology/University of Southern California
B.S./1981/Geology/Bucknell University

Registration and Certifications
Certified Professional Geologist #9487, (AIPG) 1995
California Registered Geologist #5192, 1991
Pennsylvania Registered Geologist #PG-000529-G, 1994
OSHA – Approved 40 hour Health and Safety Training Course (1990)
OSHA - Approved 8 hour Health and Safety Training Refresher Courses (1991-Present)
OSHA-Approved 8-hour Site Safety Supervisor Training Course (2008)
National Ground Water Association
Long Island Association of Professional Geologists

Employment History

1993-Present	FPM Group
1992-1993	Chevron Research and Technology Co.
1990-1992	Chevron Manufacturing Co.
1984-1990	Chevron Exploration, Land, and Production Company

Continuing Education
- o Treatment of Contaminated Soil and Rock
- o Groundwater Pollution and Hydrology
- o Environmental Law and Regulation
- o Remedial Engineering
- o Soil and Foundation Engineering
- o Environmental Geochemistry

Detailed Experience

Site Investigations

- Provides oversight and coordination for ongoing investigation and remedial projects at several New York State Inactive Hazardous Waste Disposal Sites, Voluntary Cleanup Program Sites, and Brownfield Cleanup Program Sites. Investigations have included site characterization, Remedial Investigation/ Feasibility studies, and RCRA Facility Investigations. Remedial Services have included contaminated soil removals; ORC and ARC injections; design, installation and operation of all sparge/soil vapor extraction systems; sub-slab depress investigation, capping, and other remedial services.
- Provides program coordination and oversight for all Phase I ESA, Phase II investigations, and remediation projects for a major commercial developer on Long Island, New York. Projects have included environmental services associated for the purchase and redevelopment of office buildings, aerospace facilities, former research and development facilities, and large manufacturing plants. Remedial Services have provided RCRA closures, UIC closures, tank removals, and Brownfield Cleanup Program projects.
- Planned and managed a Resource Conservation and Recovery Act (RCRA) Facilities Investigation (RFI) at Barksdale AFB, Louisiana for AFCEE. Responsible for all aspects of field program planning, solicitation and selection of subcontractors, mobilization and establishment of a field office, supervising multiple field crews, installation and sampling of monitoring wells, collection and soil samples, data tracking and management and preparation of an RFI report. The scope of work included characterization of the nature and extent of groundwater and soil contamination at thirteen Solid Waste Management Units (SWMUs), performing a base-wide evaluation of background contaminant concentrations, and developing a long-term groundwater monitoring program for the base.
- Managed field sampling crews for major underground storage tank (UST) investigation at Plattsburgh AFB, NY, for AFCEE. Responsible for field crew training, coordination of sampling crews at separate sites, sample labeling, handling, tracking, and shipping, field data management and remote field office management. The scope of work included collection of over 450 groundwater samples to characterize groundwater conditions in the vicinity of 150 USTs using a Geoprobe sampling rig, wellpoints, and rapid turnaround-time analysis.

- Managed site investigation activities, including soil vapor sampling, soil sampling and analysis, groundwater sampling and analysis, and geotechnical evaluation for numerous sites in Suffolk County, New York. The resulting data were utilized by a major supermarket company in the negotiations for the purchase of the properties and in the property remediation prior to development.
- Performed site investigation activities including soil vapor analysis, soil sample analysis, and groundwater sampling and analysis at an active commercial bus terminal in the Bronx, NY. Made recommendations for site remediation including UST removal, soil excavation and disposal, and free-phase product extraction.
- Prepared various work plans and reports, including a RCRA Facilities Investigation Work plan, incorporating existing geologic, chemical and historical data, evaluating newly-acquired site data, and developing recommendations for further investigation and remedial action at a City of Richmond former municipal landfill.
- Managed on-site and off-site soil and ground-water sampling program at a manufacturing facility in Bay Shore, NY. Compiled resulting data and prepared a comprehensive report of the investigation results for the Suffolk County Department of Health Services (SCDHS) and NYS Department of Environmental Conservation (NYSDEC). Proposed remediation technologies for on-site soil contamination and on-site and off-site groundwater contamination.
- Managed and conducted a soil and groundwater sampling program using a Geoprobe sampler adjacent to Newark Airport Runway 29 for the Federal Aviation Administration. Analyzed resulting chemical analytical data and presented results to client.
- Supervised and conducted drilling, soil sampling, cone penetrometer testing, and well installation at a refinery process water effluent treatment system and former municipal landfill.
- Supervised drilling, installation, development, and sampling of monitoring wells at numerous sites in the greater New York metropolitan area. Utilized resulting stratigraphic, hydrologic, and chemical analytical data to evaluate site conditions.

Remediation

- Project Manager for all investigation and remedial activities at a NYSDEC Brownfield Cleanup Program site in New York City. Prepared the Remedial Investigation and Remedial Work Plan; coordinated with the owner, other contractors, and the NYSDEC; prepared for and conducted citizen participation activities; supervised all waste characterization, profile preparation, and waste management; developed the Final Engineering Report (FER) and Site Management Plan (SMP) for NYSDEC approval; and ensured that all remedial requirements were met such that the Certificate of Completion (COC) was issued. Continuing activities include coordination of the ongoing site management activities, communications with the NYSDEC and NYSDOH, and preparation of the annual Certification Report.
- Developed pilot test plans, evaluated pilot test results, and prepared conceptual designs for several air sparge/soil vapor extraction (AS/SVE) systems to treat petroleum and/or chlorinated solvent VOCs. These systems were subsequently installed and Ms. Davis provides ongoing review of system operations and remedial monitoring results.
- In responsible charge of several task orders for waste characterization of a 90,000-cy construction soil stockpile at a municipal sewer facility. Responsibilities included development and implementation of Sampling and Analysis Plans (SAP), coordination of staffing, review of lab data, preparation of Field Sampling Summary Reports (FSSR), coordination with disposal facilities, and preparation of waste profiles.
- Designed soil remediation plan and managed contractor support for a metal parts plating and manufacturing facility in Suffolk County, New York. Soil remediation was overseen and approved.
- Designed and performed indoor underground storage tank abandonment program, leaching pool remediation plan, and managed contractor support for a tape measure manufacturing facility in Suffolk County, New York. SCDHS provided oversight and approval.
- Participated in the design process for a groundwater containment and remediation system for a former municipal landfill, including subsurface groundwater barrier walls and extraction wells.
- Designed soil remediation plan and supervised contractor performance of soil remediation activities at an active construction site in Carle Place, NY. Project involved excavation and disposal of approximately 5,000 tons of PCB-, metal-, and petroleum-contaminated soil. NYSDEC provided oversight and approval of the completed remediation.
- Coordinated technical aspects of subsurface groundwater barrier wall construction, including routing, permitting, design, material selection, and field activities.

Hydrogeologic Evaluations

- Prepared Engineer's Report for Long Island Well Permit for a 230-gpm irrigation supply well. Responsible for evaluation of well interference, salt water upcoming, impacts from contaminants, and other factors affecting the proposed well.
- Performed well design (gravel pack size, screen size, etc.) for numerous groundwater wells on Long Island. Familiar with sieve analyses, well construction and development methods.
- Utilized Visual Modflow groundwater modeling program to evaluate the impact of a contaminant plume on a proposed SCWA wellfield. Model development included evaluation of recharge, aquifer properties, subsurface stratigraphy, boundary conditions, plume source and concentration, and various wellfield locations and pumping rates.
- Participated in a multi-day, multi-well aquifer pumping test for New York City Transit (NYCT) Lennox Avenue site. Responsible for operating and maintaining data logging equipment, coordinating manual water level measurements, and analyzing resulting drawdown data.
- Evaluated subsurface geologic conditions for NYCT Avenue T site utilizing existing boring logs, topographic, and historic map data.
- Supervised drilling, installation and development of groundwater extraction, injection, and monitoring wells at a USEPA Superfund site in Deer Park, New York. Interpreted aquifer and well performance from development data and made recommendations for modification of drilling and development procedures.
- Performed slug tests on monitoring wells at a New York City Transit Authority site, and evaluated hydrologic properties using the HYDROLOGIC ISOAQX computer program.
- Performed aquifer pumping and slug tests and evaluated hydrologic properties using the computer program AQTESOLV.
- Performed water level and water quality monitoring at an industrial site in Mattituck, NY. Constructed groundwater elevation contour maps and utilized chemical analytical data to predict contaminant plume migration.

Landfills

- Prepared work plans for Closure Investigations of two Town of East Hampton landfills. Each work plan included a Hydrogeologic investigation, methane investigation, surface leachate investigation, and vector investigation. Prepared final Closure Investigation Reports, which were accepted by the NYSDEC.
- Supervised the installation of groundwater and methane monitoring wells to complete the monitoring networks at the Town of East Hampton landfills. Services provided included hollow-stern auger and mud-rotary well installations, split-spoon soil sampling and boring log preparation, oversight and interpretation of wireline electric logging, and completion of initial baseline monitoring events.
- Supervises ongoing groundwater and methane monitoring programs for Town of East Hampton landfills. Responsibilities include field team coordination, communications with the Town, report scheduling, data package review, and report review prior to distribution to the client and NYSDEC.
- Performed groundwater sampling at a radio tower facility constructed on a landfill in NJ. Analyzed results and made recommendations to client.
- Conducted methane monitoring at Springs-Fireplace Road and Montauk Landfills for the Town of East Hampton.
- Used the PC-based modeling program FLOW PATH to predict groundwater flow directions and evaluate extraction well locations and pumping rates for a groundwater containment and remediation system at a former municipal landfill.
- Negotiated successfully with NYSDEC for reduced monitoring frequencies at Town of East Hampton based on historic monitoring results. Maintained quarterly monitoring frequency only for specific containments at key locations.
- Manages monthly methane monitoring for all Town of Islip landfills. Monitoring program includes onsite and offsite methane wells, methane collection systems, and flare systems. Data is recorded electronically and downloaded to computer for formatting prior to delivery to Town. Data is reported in final form within two days of collection.
- Supervises and reviews production of quarterly and annual monitoring reports for all monitoring programs at Town of Smithtown landfill. Project includes tabulation and reporting of groundwater and methane monitoring data, solid waste and recycling collection data, yard waste composting operations, and landfill leachate collection and disposal data. Multiple copies of each report are prepared for Town delivery to the NYSDEC.

Environmental Data Analysis

- Received multiple sessions of environmental geochemistry training provided by environmental geochemists, including physical chemistry, thermodynamics, ionic interactions, complexation, biologic effects, and other basic principles. Training also included field sampling procedures and effects on chemical data, chemical analytical methods and equipment, and QA/QC procedures and interpretation.
- Reviewed and evaluated numerous soil, groundwater, product, indoor/ambient air and soil vapor chemical analytical datasets, including evaluation of batch and site-specific QA/QC samples, laboratory narratives, comparison to regulatory agency criteria, historic data, and background data.
- Developed and implemented numerous Quality Assurance Project Plans (QAPP), including QAPP design, sample delivery group (SDG) evaluations, sampling procedures and sequences, and QA/QC sample preparation/collection.
- Attended periodic environmental chemistry training sessions hosted by environmental laboratories and participated in hands-on training in data and QA/QC evaluation.
- Prepared Data Usability Summary Reports (DUSRs) for numerous chemical analytical datasets for projects overseen by the USEPA, NYSDEC and other regulatory agencies. Datasets evaluated have included soil, groundwater, soil vapor, indoor air, and ambient air.
- Performed forensic assessments of historic environmental chemical analytical data to resolve apparent discrepancies with modern data and other dataset inconsistencies.
- Assessed various leachate test protocols and results to determine the most applicable methods to evaluate and develop soil cleanup objectives for non-regulated compounds.
- Interpreted numerous organic parameter datasets to evaluate breakdown sequences, likely original parameters, and rates of degradation.
- Formulated numerous chemical treatment plans for insitu remediation of environment contaminants, including assessment of contaminant concentrations and distribution, chemical processes and indicators, natural attenuation indicators, additional stociometric demands, and hydrogeologic factors.

Community Impacts

- Developed Community Monitoring Plans (CMP) for several hazardous waste sites. These plans included monitoring procedures, action levels, and mitigation measures for odors, traffic, noise, dust and/or vapors with the potential to affect surrounding communities during investigation and/or remediation. Each CMP was reviewed and approved by the NYSDEC and NYSDOH and was implemented under the oversight of these agencies.
- Developed and implemented an odor abatement plan for highly-odorous soil discovered during a remediation project in New York City. The remediation site was surrounded by three public schools and complaints of nuisance odors were received following discovery of the odorous soil, resulting in a job shutdown until the nuisance was abated. The odor abatement plan was prepared and implemented within 24 hours and involved immediate covering of the odorous soil followed by spot excavation and removal during non-school hours (night work) and the use of odor-controlling foam. The removal was completed within one week without further incident and the NYSDEC and NYSDOH approved the completed work, allowing the job to recommence.
- Attended and presented at numerous community meetings for various environmental sites to explain the purpose of CMPs, the types of observations and their interpretation, and mitigation measures. Addressed community and agency questions and issues.
- Evaluated and implemented abatement for vectors (rodents, flies, and seagulls) at several Long Island landfills in association with landfill closure. These activities included inspection and reporting of vector populations, development of vector abatement plans, and assisting Town personnel with vector abatement.
- Conducted inspections of intense fly infestations at a Town transfer station building. The inspections were used to identify the locations and migration pathways of flies inside the building and to develop an abatement plan. This plan was successfully implemented by Town personnel to abate the nuisance fly infestations.
- Developed and implemented air and soil vapor investigations of residential and commercial properties to evaluate potential air quality impacts. These investigations were conducted using plans

approved by the NYSDEC and NYSDOH. The resulting data were used to evaluate whether air quality impacts were present and whether mitigation or monitoring were necessary. These evaluations were submitted for NYSDEC and NYSDOH review and approval, together with appropriate monitoring/mitigation designs.

- Conducted odor, dust, noise and organic vapor monitoring at several community areas surrounding environmental sites. Data were collected and interpreted in accordance with NYSDEC and/or NYSDOH guidance and the results were submitted to these agencies together with recommendations for mitigation, if appropriate.

Expert Witness/Technical Services

- Provided expert witness and technical services regarding environmental conditions and remedial procedures for a proposed residential redevelopment of a former oil terminal. Services included preparing and obtaining NYSDEC and NCDOH approval of remedial work plans for three environmental areas of concern, preparing remedial cost estimates and schedules, and providing testimony at a public hearing before the North Hempstead Town Board from which a change of zone was requested. The proposed change of zone, although subject to considerable public opposition, was approved, allowing redevelopment and associated remediation of the property to move forward.
- Provided expert witness and technical services to the legal team defending a petroleum company against NYSDEC cost recovery claims at a petroleum spill site. The spill site was complex, involving two very large petroleum releases at gasoline stations adjoining the defendant's property. Services provided included evaluating petroleum tank tests, groundwater, soil and soil vapor chemical analytical data, petroleum fingerprint data, remediation activities and costs. Products prepared include numerous detailed timelines of various activities, large displays showing site information and subsurface conditions, and cost allocation calculations. A detailed subsurface investigation was also performed to evaluate stratigraphic conditions.
- Assisted the Village of Larchmont legal team in successfully opposing the construction of an IKEA superstore in the adjoining community of New Rochelle. Work performed included evaluating the previous environmental investigations of the proposed store site, developing cost estimates and scopes of work for a full environmental evaluation of the site, preparing scoping cost estimates for likely remediation scenarios, preparing technical documents in support of the Village of Larchmont's position and making a presentation at a large public hearing for the project. The proposed project was subsequently withdrawn.
- Provided technical evaluation of a proposed water district in the Town of Carmel in support of legal efforts to oppose the district. The proposed water district was opposed by existing residents due to limited available water supplies and likely impact on their existing wells. The scope of work included evaluation of aquifer pumping tests, determining impacts on nearby wells, assessment of likely increased water demand, preparation of several supporting documents, and presentations (including providing testimony to a judge) at project hearings. The proposed project was subsequently conditionally approved by the NYSDEC with significant modifications to protect the water rights of existing residents.
- Prepared several affidavits regarding environmental conditions at client properties in support of pending legal actions. Issues evaluated included landfill issues, wetlands and navigatable waterway issues, and petroleum spill issues.
- Provided technical support to the Croton Watershed Clean Water Coalition (CWCWC) in assessing the impacts of several proposed road construction projects on the Kensico Reservoir and other nearby water bodies of the New York City water supply system. This work included evaluating stormwater pollutant loading calculations, assessing impacts to wetlands, promoting application of more accurate stormwater runoff calculation methods, assessing proposed stormwater management techniques, attending and making presentations at public meetings, preparing technical statements for submittal to regulatory agencies, and participating in the NYSDOT's Stormwater Pollution Prevention Plan (SPPP) Guidance committee.

Health and Safety

- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Monitoring included calibration and operation of photoionization detector (PID) and flame-ionization detector (FID) for organic vapors and combustible gas indicator (CGI) for methane. Compared results to applicable action levels and took preventative/protective measures as necessary.
- Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors. Recorded observations and compared to applicable action levels. Familiar with

calibration and operation of noise meters, particulate monitors, and PID/FID.

- Performed screening for radiation at select sites. Familiar with operation of Geiger counter in different radiation modes and with background readings.

Miscellaneous Projects

- Performed numerous Phase I Site Assessments for residential and industrial sites on Long Island, New York.
- Conducted aquifer pumping and soil vapor extraction test training. Instructed classes for site investigation methods, aquifer pumping test analysis, and risk assessment.
- Performed various project management functions, including development and management of project budgets and schedules, coordination of field and office staffing, document preparation, review, editing, and interaction with clients, regulatory, legal, real estate, consultant, and compliance personnel.
- Organized, supervised, and conducted remote field mapping studies in Alaska.
- Directed well site geophysical logging operations and interpreted geophysical well logs.
- Conducted methane monitoring at Springs-Fireplace Road and Montauk Landfills for the Town of East Hampton.
- Processed and interpreted seismic reflection data and constructed seismic velocity models.
- Evaluated site compliance with environmental regulations. Assisted and reviewed regulator's revision of proposed risk assessment-based UST cleanup guidelines. Reviewed proposed USEPA NPDES permits for remediation system effluent.
- Constructed and interpreted structural and stratigraphic cross sections, and structure contour, fault surface, isochore, and isopach maps.

Regulatory Compliance

- Has conducted numerous site audits for regulatory compliance, particularly with respect to Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Responsibility and Liability Act (CERCLA), the Clean Water Act (CWA) and Clean Air Act (CAA).
- RCRA compliance audits conducted have included inspections and reporting regarding underground and aboveground storage tanks (USTs and ASTs), hazardous waste storage facilities, waste management and reporting requirements, and hazardous waste storage area closures in compliance with RCRA.
- Oversees and coordinates environmental site assessments (ESAs) for compliance with CERCLA requirements. These ESAs are conducted at a wide variety of facilities including operating and historic industrial sites manufacturing plants, abandoned facilities, and multi-property Brownfield redevelopment sites.
- Has managed multiple investigation and remedial projects at state and federal Superfund sites. Is very familiar with all phases of CERCLA projects including PA/SI, RI, FS, RD and RA. Has overseen activities at many Superfund sites for investigation through closure.
- CWA projects have included investigation and remediation of Class V Underground injection control (UIC) Systems, investigation and acquisition of discharging permits, discharges into surface water bodies.
- Project conducted for CAA compliance have included facility investigations for emissions sources, including paint booths, fume hoods, process discharges and other point sources. Has sampled and evaluated remediation system discharges for CAA compliance, recommended emissions treatment when required.

ATTACHMENT D

LABORATORY REPORT
(on CD)

FPM

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-12107-1

Job Description: IW Industries

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: Mr. John Bukoski



Approved for release.
Joan Widomski
Data Review Analyst I
5/13/2010 11:28 AM

Designee for
Johanna Dubauskas
Project Manager I
johanna.dubauskas@testamericainc.com
05/13/2010

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

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

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I certify that this data package is in compliance with the terms and conditions of this contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.



Scott R. Hall
Laboratory Director

May 13, 2010
Date

Job Narrative
220-12107-1

Comments
No additional comments.

Receipt
One amber liter container for the following sample was received broken: MW-10 (220-12107-7).

The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: TRIP BLANK (220-12107-12). As a result, a sample collection time of 12:00 am, on the date of collection, has been used.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: Surrogate recovery for the following sample was outside of acceptance limits: MW-5 (220-12107-1). There was insufficient sample to perform a re-extraction; therefore, the data have been reported.

No other analytical or quality issues were noted.

Metals
Method(s) 6010B: The method blank for preparation batch 38211 run on 5/6/10 at 15:03 contained copper above the reporting limit (RL). None of the samples associated with this method blank contained the target analyte above the reporting limit; therefore, re-digestion and/or re-analysis of samples was not performed.

No other analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-12107-1	MW-5	Water	04/30/2010 0945	05/03/2010 1420
220-12107-2	MW-6	Water	04/30/2010 1000	05/03/2010 1420
220-12107-3	MW-6D	Water	04/30/2010 1005	05/03/2010 1420
220-12107-4	MW-9	Water	04/30/2010 1100	05/03/2010 1420
220-12107-5	MW-9F	Water	04/30/2010 1110	05/03/2010 1420
220-12107-6	MW-7	Water	04/30/2010 1210	05/03/2010 1420
220-12107-7	MW-10	Water	04/30/2010 1300	05/03/2010 1420
220-12107-7MS	MW-10 MS	Water	04/30/2010 1300	05/03/2010 1420
220-12107-7MSD	MW-10 MSD	Water	04/30/2010 1300	05/03/2010 1420
220-12107-8	MW-1	Water	04/30/2010 1415	05/03/2010 1420
220-12107-9	MW-2	Water	04/30/2010 1445	05/03/2010 1420
220-12107-10	MW-3	Water	04/30/2010 1500	05/03/2010 1420
220-12107-11	MW-4	Water	04/30/2010 1540	05/03/2010 1420
220-12107-12TB	TRIP BLANK	Water	04/30/2010 0000	05/03/2010 1420

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-1	**MW-5**					
Aluminum		154	J	500	ug/L	6010B
Barium		47.0		5.0	ug/L	6010B
Calcium		12100		500	ug/L	6010B
Copper		4.6	J	10.0	ug/L	6010B
Iron		271		125	ug/L	6010B
Potassium		2060		500	ug/L	6010B
Magnesium		3320		500	ug/L	6010B
Manganese		29.3		8.0	ug/L	6010B
Sodium		15700		500	ug/L	6010B
Zinc		5.2	J	25.0	ug/L	6010B
220-12107-2	**MW-6**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Barium		44.3		5.0	ug/L	6010B
Calcium		9010		500	ug/L	6010B
Potassium		1150		500	ug/L	6010B
Magnesium		2230		500	ug/L	6010B
Manganese		4.5	J	8.0	ug/L	6010B
Sodium		21700		500	ug/L	6010B
220-12107-3	**MW-6D**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Barium		43.0		5.0	ug/L	6010B
Calcium		8850		500	ug/L	6010B
Potassium		1140		500	ug/L	6010B
Magnesium		2200		500	ug/L	6010B
Manganese		4.4	J	8.0	ug/L	6010B
Sodium		21800		500	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-4	**MW-9**					
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
Aluminum		1120		500	ug/L	6010B
Barium		53.0		5.0	ug/L	6010B
Calcium		10900		500	ug/L	6010B
Chromium		2.0	J	5.0	ug/L	6010B
Copper		7.3	J	10.0	ug/L	6010B
Potassium		3550		500	ug/L	6010B
Magnesium		2260		500	ug/L	6010B
Manganese		29.6		8.0	ug/L	6010B
Sodium		28900		500	ug/L	6010B
Nickel		1.2	J	5.0	ug/L	6010B
Zinc		10.3	J	25.0	ug/L	6010B
220-12107-5	**MW-9F**					
Acetone		1.8	J	10	ug/L	8260B
Methyl Ethyl Ketone		5.3	J	10	ug/L	8260B
Di-n-butyl phthalate		5.1	B	4.3	ug/L	8270C
220-12107-6	**MW-7**					
Chlorobenzene		3.8	J	5.0	ug/L	8260B
Tetrachloroethene		1.7	J	5.0	ug/L	8260B
cis-1,2-Dichloroethene		1.9	J	5.0	ug/L	8260B
Bis(2-ethylhexyl) phthalate		0.71	J	4.2	ug/L	8270C
Di-n-butyl phthalate		5.0	B	4.2	ug/L	8270C
1,3-Dichlorobenzene		1.1	J	4.2	ug/L	8270C
1,4-Dichlorobenzene		6.1		4.2	ug/L	8270C
Fluoranthene		4.4		4.2	ug/L	8270C
Pyrene		1.3	J	4.2	ug/L	8270C
Aluminum		25.0	J	500	ug/L	6010B
Barium		82.0		5.0	ug/L	6010B
Calcium		11100		500	ug/L	6010B
Cobalt		1.6	J	5.0	ug/L	6010B
Copper		8.9	J	10.0	ug/L	6010B
Iron		12300		125	ug/L	6010B
Potassium		1920		500	ug/L	6010B
Magnesium		2310		500	ug/L	6010B
Manganese		106		8.0	ug/L	6010B
Sodium		43400		500	ug/L	6010B
Nickel		1.6	J	5.0	ug/L	6010B
Zinc		5.7	J	25.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-7	**MW-10**					
Tetrachloroethene		1.5	J	5.0	ug/L	8260B
Di-n-butyl phthalate		4.8	B	4.0	ug/L	8270C
Barium		215		5.0	ug/L	6010B
Calcium		12300		500	ug/L	6010B
Iron		247		125	ug/L	6010B
Potassium		2460		500	ug/L	6010B
Magnesium		3260		500	ug/L	6010B
Manganese		41.6		8.0	ug/L	6010B
Sodium		19900		500	ug/L	6010B
220-12107-8	**MW-1**					
Chlorobenzene		9.0		5.0	ug/L	8260B
Silver		0.32	J	5.0	ug/L	6010B
Barium		21.1		5.0	ug/L	6010B
Calcium		11500		500	ug/L	6010B
Cobalt		1.4	J	5.0	ug/L	6010B
Chromium		0.84	J	5.0	ug/L	6010B
Copper		6.2	J	10.0	ug/L	6010B
Iron		29200		125	ug/L	6010B
Potassium		2600		500	ug/L	6010B
Magnesium		2580		500	ug/L	6010B
Manganese		372		8.0	ug/L	6010B
Sodium		28900		500	ug/L	6010B
Nickel		1.8	J	5.0	ug/L	6010B
Vanadium		1.1	J	5.0	ug/L	6010B
220-12107-9	**MW-2**					
Acetone		1.1	J B	10	ug/L	8260B
Chlorobenzene		4.1	J	5.0	ug/L	8260B
Silver		0.54	J	5.0	ug/L	6010B
Arsenic		7.9	J	15.0	ug/L	6010B
Barium		29.9		5.0	ug/L	6010B
Calcium		22000		500	ug/L	6010B
Cobalt		3.1	J	5.0	ug/L	6010B
Chromium		0.96	J	5.0	ug/L	6010B
Copper		13.3		10.0	ug/L	6010B
Iron		16000		125	ug/L	6010B
Potassium		4560		500	ug/L	6010B
Magnesium		4170		500	ug/L	6010B
Manganese		433		8.0	ug/L	6010B
Sodium		27500		500	ug/L	6010B
Nickel		2.5	J	5.0	ug/L	6010B
Vanadium		1.5	J	5.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 220-12107-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-12107-10	**MW-3**					
Chlorobenzene		7.1		5.0	ug/L	8260B
Tetrachloroethene		1.3	J	5.0	ug/L	8260B
Silver		0.78	J	5.0	ug/L	6010B
Barium		33.0		5.0	ug/L	6010B
Calcium		14600		500	ug/L	6010B
Copper		5.1	J	10.0	ug/L	6010B
Iron		26200		125	ug/L	6010B
Potassium		3480		500	ug/L	6010B
Magnesium		3510		500	ug/L	6010B
Manganese		349		8.0	ug/L	6010B
Sodium		25500		500	ug/L	6010B
220-12107-11	**MW-4**					
Barium		148		5.0	ug/L	6010B
Calcium		28300		500	ug/L	6010B
Cobalt		1.5	J	5.0	ug/L	6010B
Iron		2570		125	ug/L	6010B
Potassium		5200		500	ug/L	6010B
Magnesium		5900		500	ug/L	6010B
Manganese		123		8.0	ug/L	6010B
Sodium		33500		500	ug/L	6010B

METHOD SUMMARY

Client: FPM Group Limited

Job Number: 220-12107-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
TCL VOA	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
SVOC	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C
TAL Metals	TAL CT	SW846 6010B	
Preparation, Total Metals	TAL CT		SW846 3010A
Mercury	TAL CT	SW846 7470A	
Preparation, Mercury	TAL CT		SW846 7470A

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

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

METHOD / ANALYST SUMMARY

Client: FPM Group Limited Job Number: 220-12107-1

Method	Analyst	Analyst ID
SW846 8260B	Kostrzewska, Barbara	BK
SW846 8270C	Jonas, Stephan	SJ
SW846 6010B	Petronchak, Nestor	NP
SW846 7470A	Voytek, Joseph F	JFV

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-5**

Lab Sample ID: 220-12107-1 | Date Sampled: 04/30/2010 0945
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1881.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1607 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1607

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-6**

Lab Sample ID: 220-12107-2 | Date Sampled: 04/30/2010 1000
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1886.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1823 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1823

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	92		68 - 132
Toluene-d8 (Surr)	94		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-6D**

Lab Sample ID: 220-12107-3 | Date Sampled: 04/30/2010 1005
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1887.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1850 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1850

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	90		68 - 132
Toluene-d8 (Surr)	94		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-9**

Lab Sample ID: 220-12107-4 | Date Sampled: 04/30/2010 1100
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1888.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1918 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1918

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 136
4-Bromofluorobenzene	78		51 - 142
Dibromofluoromethane	88		68 - 132
Toluene-d8 (Surr)	91		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5 | Date Sampled: 04/30/2010 1110
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1889.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1945 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1945

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.8	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	5.3	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-7**

Lab Sample ID: 220-12107-6 | Date Sampled: 04/30/2010 1210
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1890.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 2013 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 2013

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	3.8	J	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.7	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	1.9	J	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		65 - 136
4-Bromofluorobenzene	81		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-10**

Lab Sample ID: 220-12107-7 | Date Sampled: 04/30/2010 1300
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1880.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1540 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1540

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.5	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	93		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-1**

Lab Sample ID: 220-12107-8 | Date Sampled: 04/30/2010 1415
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1893.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 2134 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 2134

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	9.0		0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	79		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-2**

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/07/2010 1233
Date Prepared: 05/07/2010 1233

Analysis Batch: 220-38258

Instrument ID: MSV
Lab File ID: V1915.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	1.1	J B	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	4.1	J	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		65 - 136
4-Bromofluorobenzene	80		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-3**

Lab Sample ID: 220-12107-10 | Date Sampled: 04/30/2010 1500
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1891.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 2040 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 2040

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	7.1		0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	1.3	J	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 136
4-Bromofluorobenzene	80		51 - 142
Dibromofluoromethane	88		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/06/2010 2107
Date Prepared: 05/06/2010 2107

Analysis Batch: 220-38243

Instrument ID: MSV
Lab File ID: V1892.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	82		51 - 142
Dibromofluoromethane	89		68 - 132
Toluene-d8 (Surr)	92		63 - 127

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **TRIP BLANK**

Lab Sample ID: 220-12107-12TB | Date Sampled: 04/30/2010 0000
Client Matrix: Water | Date Received: 05/03/2010 1420

8260B TCL VOA

Method: 8260B | Analysis Batch: 220-38243 | Instrument ID: MSV
Preparation: 5030B | Lab File ID: V1877.D
Dilution: 1.0 | Initial Weight/Volume: 5 mL
Date Analyzed: 05/06/2010 1418 | Final Weight/Volume: 5 mL
Date Prepared: 05/06/2010 1418

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U *	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		65 - 136
4-Bromofluorobenzene	96		51 - 142
Dibromofluoromethane	91		68 - 132
Toluene-d8 (Surr)	100		63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-5

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10915.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1240			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-5

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10915.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1240			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	11	*	39 - 120
2-Fluorophenol	8	*	13 - 120
2,4,6-Tribromophenol	20	*	36 - 120
Nitrobenzene-d5	14	*	40 - 120
Phenol-d5	5	*	10 - 120
Terphenyl-d14	20		10 - 120

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-6**

Lab Sample ID: 220-12107-2 | Date Sampled: 04/30/2010 1000
Client Matrix: Water | Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10916.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1308			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10916.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1308			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	46		13 - 120
2,4,6-Tribromophenol	67		36 - 120
Nitrobenzene-d5	79		40 - 120
Phenol-d5	31		10 - 120
Terphenyl-d14	72		10 - 120

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-6D**

Lab Sample ID: 220-12107-3 | Date Sampled: 04/30/2010 1005
Client Matrix: Water | Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10917.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1336			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6D

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10917.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1336			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	80		39 - 120
2-Fluorophenol	42		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	78		40 - 120
Phenol-d5	29		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10918.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1405			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10918.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1405			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	79		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	75		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	69		10 - 120

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5 | Date Sampled: 04/30/2010 1110
Client Matrix: Water | Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10919.D
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/07/2010 1433			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.3	U	0.33	4.3
Acenaphthylene	4.3	U	0.36	4.3
Anthracene	4.3	U	0.31	4.3
Benzo[a]anthracene	4.3	U	0.32	4.3
Benzo[a]pyrene	4.3	U	0.37	4.3
Benzo[b]fluoranthene	4.3	U	0.38	4.3
Benzo[g,h,i]perylene	4.3	U	0.38	4.3
Benzo[k]fluoranthene	4.3	U	0.43	4.3
Bis(2-chloroethoxy)methane	4.3	U	0.33	4.3
Bis(2-chloroethyl)ether	4.3	U	0.31	4.3
Bis(2-ethylhexyl) phthalate	4.3	U	0.57	4.3
Butyl benzyl phthalate	4.3	U	0.37	4.3
Carbazole	4.3	U	0.35	4.3
Chrysene	4.3	U	0.27	4.3
Di-n-butyl phthalate	5.1	B	0.37	4.3
Di-n-octyl phthalate	4.3	U	0.40	4.3
4-Bromophenyl phenyl ether	4.3	U	0.47	4.3
4-Chloroaniline	4.3	U	0.31	4.3
2-Chloronaphthalene	4.3	U	0.41	4.3
4-Chlorophenyl phenyl ether	4.3	U	0.37	4.3
Dibenz(a,h)anthracene	4.3	U	0.40	4.3
Dibenzofuran	4.3	U	0.46	4.3
Diethyl phthalate	4.3	U	0.46	4.3
Dimethyl phthalate	4.3	U	0.40	4.3
1,2-Dichlorobenzene	4.3	U	0.33	4.3
1,3-Dichlorobenzene	4.3	U	0.27	4.3
1,4-Dichlorobenzene	4.3	U	0.33	4.3
3,3'-Dichlorobenzidine	4.3	U	0.38	4.3
2,4-Dinitrotoluene	4.3	U	0.43	4.3
2,6-Dinitrotoluene	4.3	U	0.28	4.3
Fluoranthene	4.3	U	0.33	4.3
Fluorene	4.3	U	0.28	4.3
Hexachlorobenzene	4.3	U	0.35	4.3
Hexachlorobutadiene	4.3	U	0.21	4.3
Hexachlorocyclopentadiene	4.3	U	0.37	4.3
Hexachloroethane	4.3	U	0.39	4.3
Indeno[1,2,3-cd]pyrene	4.3	U	0.30	4.3
Isophorone	4.3	U	0.33	4.3
2-Methylnaphthalene	4.3	U	0.29	4.3
Naphthalene	4.3	U	0.32	4.3
2-Nitroaniline	4.3	U	0.36	4.3
3-Nitroaniline	4.3	U	0.24	4.3
Nitrobenzene	4.3	U	0.30	4.3
N-Nitrosodi-n-propylamine	4.3	U	0.35	4.3
N-Nitrosodiphenylamine	4.3	U	0.35	4.3
Phenanthrene	4.3	U	0.30	4.3

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10919.D
Dilution:	1.0			Initial Weight/Volume:	940 mL
Date Analyzed:	05/07/2010 1433			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.3	U	0.35	4.3
1,2,4-Trichlorobenzene	4.3	U	0.38	4.3
4-Chloro-3-methylphenol	5.3	U	0.36	5.3
2-Chlorophenol	4.3	U	0.24	4.3
2-Methylphenol	4.3	U	0.26	4.3
4-Methylphenol	4.3	U	0.31	4.3
2,4-Dichlorophenol	4.3	U	0.35	4.3
2,4-Dimethylphenol	4.3	U	0.35	4.3
2,4-Dinitrophenol	27	U	0.46	27
4,6-Dinitro-2-methylphenol	27	U	2.0	27
2-Nitrophenol	4.3	U	0.29	4.3
4-Nitrophenol	11	U	1.5	11
Pentachlorophenol	27	U	0.33	27
Phenol	4.3	U	0.20	4.3
2,4,5-Trichlorophenol	11	U	0.30	11
2,4,6-Trichlorophenol	4.3	U	0.39	4.3
Benzyl alcohol	4.3	U	0.44	4.3
4-Nitroaniline	4.3	U	0.21	4.3
2,2'-oxybis[1-chloropropane]	4.3	U	0.27	4.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	44		13 - 120
2,4,6-Tribromophenol	67		36 - 120
Nitrobenzene-d5	76		40 - 120
Phenol-d5	31		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-7**

Lab Sample ID: 220-12107-6 | Date Sampled: 04/30/2010 1210
Client Matrix: Water | Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10920.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1502			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	0.71	J	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	5.0	B	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	1.1	J	0.26	4.2
1,4-Dichlorobenzene	6.1		0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.4		0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-7

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10920.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/07/2010 1502			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	1.3	J	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	82		39 - 120
2-Fluorophenol	42		13 - 120
2,4,6-Tribromophenol	66		36 - 120
Nitrobenzene-d5	77		40 - 120
Phenol-d5	30		10 - 120
Terphenyl-d14	81		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-10

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10921.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/07/2010 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.8	B	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-10

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38265		Instrument ID:	MSA
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	A10921.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/07/2010 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	81		39 - 120
2-Fluorophenol	46		13 - 120
2,4,6-Tribromophenol	69		36 - 120
Nitrobenzene-d5	77		40 - 120
Phenol-d5	32		10 - 120
Terphenyl-d14	71		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-1**

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16184.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/10/2010 1714			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.32	4.2
Acenaphthylene	4.2	U	0.35	4.2
Anthracene	4.2	U	0.30	4.2
Benzo[a]anthracene	4.2	U	0.31	4.2
Benzo[a]pyrene	4.2	U	0.36	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.32	4.2
Bis(2-chloroethyl)ether	4.2	U	0.30	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.56	4.2
Butyl benzyl phthalate	4.2	U	0.36	4.2
Carbazole	4.2	U	0.34	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.36	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.30	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.36	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.32	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.32	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.32	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.34	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.36	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.32	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.31	4.2
2-Nitroaniline	4.2	U	0.35	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.34	4.2
N-Nitrosodiphenylamine	4.2	U	0.34	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited | Job Number: 220-12107-1

Client Sample ID: **MW-1**

Lab Sample ID: 220-12107-8 | Date Sampled: 04/30/2010 1415
Client Matrix: Water | Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16184.D
Dilution:	1.0			Initial Weight/Volume:	960 mL
Date Analyzed:	05/10/2010 1714			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.34	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.2	U	0.35	5.2
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.30	4.2
2,4-Dichlorophenol	4.2	U	0.34	4.2
2,4-Dimethylphenol	4.2	U	0.34	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	1.9	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	10	U	1.5	10
Pentachlorophenol	26	U	0.32	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	10	U	0.29	10
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		39 - 120
2-Fluorophenol	41		13 - 120
2,4,6-Tribromophenol	96		36 - 120
Nitrobenzene-d5	72		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	106		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-2

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16185.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	05/10/2010 1742			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.2	U	0.33	4.2
Acenaphthylene	4.2	U	0.36	4.2
Anthracene	4.2	U	0.31	4.2
Benzo[a]anthracene	4.2	U	0.32	4.2
Benzo[a]pyrene	4.2	U	0.37	4.2
Benzo[b]fluoranthene	4.2	U	0.38	4.2
Benzo[g,h,i]perylene	4.2	U	0.38	4.2
Benzo[k]fluoranthene	4.2	U	0.42	4.2
Bis(2-chloroethoxy)methane	4.2	U	0.33	4.2
Bis(2-chloroethyl)ether	4.2	U	0.31	4.2
Bis(2-ethylhexyl) phthalate	4.2	U	0.57	4.2
Butyl benzyl phthalate	4.2	U	0.37	4.2
Carbazole	4.2	U	0.35	4.2
Chrysene	4.2	U	0.26	4.2
Di-n-butyl phthalate	4.2	U	0.37	4.2
Di-n-octyl phthalate	4.2	U	0.40	4.2
4-Bromophenyl phenyl ether	4.2	U	0.46	4.2
4-Chloroaniline	4.2	U	0.31	4.2
2-Chloronaphthalene	4.2	U	0.41	4.2
4-Chlorophenyl phenyl ether	4.2	U	0.37	4.2
Dibenz(a,h)anthracene	4.2	U	0.40	4.2
Dibenzofuran	4.2	U	0.45	4.2
Diethyl phthalate	4.2	U	0.45	4.2
Dimethyl phthalate	4.2	U	0.40	4.2
1,2-Dichlorobenzene	4.2	U	0.33	4.2
1,3-Dichlorobenzene	4.2	U	0.26	4.2
1,4-Dichlorobenzene	4.2	U	0.33	4.2
3,3'-Dichlorobenzidine	4.2	U	0.38	4.2
2,4-Dinitrotoluene	4.2	U	0.42	4.2
2,6-Dinitrotoluene	4.2	U	0.27	4.2
Fluoranthene	4.2	U	0.33	4.2
Fluorene	4.2	U	0.27	4.2
Hexachlorobenzene	4.2	U	0.35	4.2
Hexachlorobutadiene	4.2	U	0.21	4.2
Hexachlorocyclopentadiene	4.2	U	0.37	4.2
Hexachloroethane	4.2	U	0.39	4.2
Indeno[1,2,3-cd]pyrene	4.2	U	0.29	4.2
Isophorone	4.2	U	0.33	4.2
2-Methylnaphthalene	4.2	U	0.28	4.2
Naphthalene	4.2	U	0.32	4.2
2-Nitroaniline	4.2	U	0.36	4.2
3-Nitroaniline	4.2	U	0.24	4.2
Nitrobenzene	4.2	U	0.29	4.2
N-Nitrosodi-n-propylamine	4.2	U	0.35	4.2
N-Nitrosodiphenylamine	4.2	U	0.35	4.2
Phenanthrene	4.2	U	0.29	4.2

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-2

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16185.D
Dilution:	1.0			Initial Weight/Volume:	950 mL
Date Analyzed:	05/10/2010 1742			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.2	U	0.35	4.2
1,2,4-Trichlorobenzene	4.2	U	0.38	4.2
4-Chloro-3-methylphenol	5.3	U	0.36	5.3
2-Chlorophenol	4.2	U	0.24	4.2
2-Methylphenol	4.2	U	0.25	4.2
4-Methylphenol	4.2	U	0.31	4.2
2,4-Dichlorophenol	4.2	U	0.35	4.2
2,4-Dimethylphenol	4.2	U	0.35	4.2
2,4-Dinitrophenol	26	U	0.45	26
4,6-Dinitro-2-methylphenol	26	U	2.0	26
2-Nitrophenol	4.2	U	0.28	4.2
4-Nitrophenol	11	U	1.5	11
Pentachlorophenol	26	U	0.33	26
Phenol	4.2	U	0.20	4.2
2,4,5-Trichlorophenol	11	U	0.29	11
2,4,6-Trichlorophenol	4.2	U	0.39	4.2
Benzyl alcohol	4.2	U	0.43	4.2
4-Nitroaniline	4.2	U	0.21	4.2
2,2'-oxybis[1-chloropropane]	4.2	U	0.26	4.2

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	70		39 - 120
2-Fluorophenol	44		13 - 120
2,4,6-Tribromophenol	96		36 - 120
Nitrobenzene-d5	74		40 - 120
Phenol-d5	32		10 - 120
Terphenyl-d14	105		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-3**

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16186.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	05/10/2010 1809			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.3	U	0.34	4.3
Acenaphthylene	4.3	U	0.37	4.3
Anthracene	4.3	U	0.32	4.3
Benzo[a]anthracene	4.3	U	0.33	4.3
Benzo[a]pyrene	4.3	U	0.38	4.3
Benzo[b]fluoranthene	4.3	U	0.39	4.3
Benzo[g,h,i]perylene	4.3	U	0.39	4.3
Benzo[k]fluoranthene	4.3	U	0.43	4.3
Bis(2-chloroethoxy)methane	4.3	U	0.34	4.3
Bis(2-chloroethyl)ether	4.3	U	0.32	4.3
Bis(2-ethylhexyl) phthalate	4.3	U	0.59	4.3
Butyl benzyl phthalate	4.3	U	0.38	4.3
Carbazole	4.3	U	0.36	4.3
Chrysene	4.3	U	0.27	4.3
Di-n-butyl phthalate	4.3	U	0.38	4.3
Di-n-octyl phthalate	4.3	U	0.41	4.3
4-Bromophenyl phenyl ether	4.3	U	0.48	4.3
4-Chloroaniline	4.3	U	0.32	4.3
2-Chloronaphthalene	4.3	U	0.42	4.3
4-Chlorophenyl phenyl ether	4.3	U	0.38	4.3
Dibenz(a,h)anthracene	4.3	U	0.41	4.3
Dibenzofuran	4.3	U	0.47	4.3
Diethyl phthalate	4.3	U	0.47	4.3
Dimethyl phthalate	4.3	U	0.41	4.3
1,2-Dichlorobenzene	4.3	U	0.34	4.3
1,3-Dichlorobenzene	4.3	U	0.27	4.3
1,4-Dichlorobenzene	4.3	U	0.34	4.3
3,3'-Dichlorobenzidine	4.3	U	0.39	4.3
2,4-Dinitrotoluene	4.3	U	0.43	4.3
2,6-Dinitrotoluene	4.3	U	0.28	4.3
Fluoranthene	4.3	U	0.34	4.3
Fluorene	4.3	U	0.28	4.3
Hexachlorobenzene	4.3	U	0.36	4.3
Hexachlorobutadiene	4.3	U	0.22	4.3
Hexachlorocyclopentadiene	4.3	U	0.38	4.3
Hexachloroethane	4.3	U	0.40	4.3
Indeno[1,2,3-cd]pyrene	4.3	U	0.30	4.3
Isophorone	4.3	U	0.34	4.3
2-Methylnaphthalene	4.3	U	0.29	4.3
Naphthalene	4.3	U	0.33	4.3
2-Nitroaniline	4.3	U	0.37	4.3
3-Nitroaniline	4.3	U	0.25	4.3
Nitrobenzene	4.3	U	0.30	4.3
N-Nitrosodi-n-propylamine	4.3	U	0.36	4.3
N-Nitrosodiphenylamine	4.3	U	0.36	4.3
Phenanthrene	4.3	U	0.30	4.3

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-3

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16186.D
Dilution:	1.0			Initial Weight/Volume:	920 mL
Date Analyzed:	05/10/2010 1809			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.3	U	0.36	4.3
1,2,4-Trichlorobenzene	4.3	U	0.39	4.3
4-Chloro-3-methylphenol	5.4	U	0.37	5.4
2-Chlorophenol	4.3	U	0.25	4.3
2-Methylphenol	4.3	U	0.26	4.3
4-Methylphenol	4.3	U	0.32	4.3
2,4-Dichlorophenol	4.3	U	0.36	4.3
2,4-Dimethylphenol	4.3	U	0.36	4.3
2,4-Dinitrophenol	27	U	0.47	27
4,6-Dinitro-2-methylphenol	27	U	2.0	27
2-Nitrophenol	4.3	U	0.29	4.3
4-Nitrophenol	11	U	1.6	11
Pentachlorophenol	27	U	0.34	27
Phenol	4.3	U	0.21	4.3
2,4,5-Trichlorophenol	11	U	0.30	11
2,4,6-Trichlorophenol	4.3	U	0.40	4.3
Benzyl alcohol	4.3	U	0.45	4.3
4-Nitroaniline	4.3	U	0.22	4.3
2,2'-oxybis[1-chloropropane]	4.3	U	0.27	4.3

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	68		39 - 120
2-Fluorophenol	43		13 - 120
2,4,6-Tribromophenol	94		36 - 120
Nitrobenzene-d5	73		40 - 120
Phenol-d5	30		10 - 120
Terphenyl-d14	109		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16187.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/10/2010 1838			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0852			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.0	U	0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

8270C SVOC

Method:	8270C	Analysis Batch: 220-38298		Instrument ID:	MSZ
Preparation:	3510C	Prep Batch: 220-38198		Lab File ID:	Z16187.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Date Analyzed:	05/10/2010 1838			Final Weight/Volume:	1.0 mL
Date Prepared:	05/06/2010 0852			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl	67		39 - 120
2-Fluorophenol	40		13 - 120
2,4,6-Tribromophenol	93		36 - 120
Nitrobenzene-d5	72		40 - 120
Phenol-d5	28		10 - 120
Terphenyl-d14	104		10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-5

Lab Sample ID: 220-12107-1
Client Matrix: Water

Date Sampled: 04/30/2010 0945
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1608
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	154	J	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	47.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	12100		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	4.6	J	1.5	10.0
Iron	271		15.0	125
Potassium	2060		50.0	500
Magnesium	3320		5.0	500
Manganese	29.3		0.25	8.0
Sodium	15700		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	5.2	J	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1247
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6

Lab Sample ID: 220-12107-2
Client Matrix: Water

Date Sampled: 04/30/2010 1000
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1612
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	44.3		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	9010		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	1150		50.0	500
Magnesium	2230		5.0	500
Manganese	4.5	J	0.25	8.0
Sodium	21700		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1248
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-6D

Lab Sample ID: 220-12107-3
Client Matrix: Water

Date Sampled: 04/30/2010 1005
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1647
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	43.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	8850		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	1140		50.0	500
Magnesium	2200		5.0	500
Manganese	4.4	J	0.25	8.0
Sodium	21800		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1248
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-9

Lab Sample ID: 220-12107-4
Client Matrix: Water

Date Sampled: 04/30/2010 1100
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1651
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	1120		10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	53.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	10900		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	2.0	J	0.50	5.0
Copper	7.3	J	1.5	10.0
Iron	125	U	15.0	125
Potassium	3550		50.0	500
Magnesium	2260		5.0	500
Manganese	29.6		0.25	8.0
Sodium	28900		50.0	500
Nickel	1.2	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	10.3	J	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1249
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: **MW-9F**

Lab Sample ID: 220-12107-5
Client Matrix: Water

Date Sampled: 04/30/2010 1110
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1654
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	5.0	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	500	U	50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	500	U	50.0	500
Magnesium	500	U	5.0	500
Manganese	8.0	U	0.25	8.0
Sodium	500	U	50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1250
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-7

Lab Sample ID: 220-12107-6
Client Matrix: Water

Date Sampled: 04/30/2010 1210
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1657
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	25.0	J	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	82.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	11100		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.6	J	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	8.9	J	1.5	10.0
Iron	12300		15.0	125
Potassium	1920		50.0	500
Magnesium	2310		5.0	500
Manganese	106		0.25	8.0
Sodium	43400		50.0	500
Nickel	1.6	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	5.7	J	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1251
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-10

Lab Sample ID: 220-12107-7
Client Matrix: Water

Date Sampled: 04/30/2010 1300
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1335
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	215		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	12300		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	247		15.0	125
Potassium	2460		50.0	500
Magnesium	3260		5.0	500
Manganese	41.6		0.25	8.0
Sodium	19900		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1252
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-1

Lab Sample ID: 220-12107-8
Client Matrix: Water

Date Sampled: 04/30/2010 1415
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/06/2010 1700
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.32	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	21.1		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	11500		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.4	J	0.50	5.0
Chromium	0.84	J	0.50	5.0
Copper	6.2	J	1.5	10.0
Iron	29200		15.0	125
Potassium	2600		50.0	500
Magnesium	2580		5.0	500
Manganese	372		0.25	8.0
Sodium	28900		50.0	500
Nickel	1.8	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	1.1	J	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1259
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-2

Lab Sample ID: 220-12107-9
Client Matrix: Water

Date Sampled: 04/30/2010 1445
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1355
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.54	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	7.9	J	4.0	15.0
Barium	29.9		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	22000		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	3.1	J	0.50	5.0
Chromium	0.96	J	0.50	5.0
Copper	13.3		1.5	10.0
Iron	16000		15.0	125
Potassium	4560		50.0	500
Magnesium	4170		5.0	500
Manganese	433		0.25	8.0
Sodium	27500		50.0	500
Nickel	2.5	J	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	1.5	J	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1300
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-3

Lab Sample ID: 220-12107-10
Client Matrix: Water

Date Sampled: 04/30/2010 1500
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1358
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	0.78	J	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	33.0		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	14600		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	5.1	J	1.5	10.0
Iron	26200		15.0	125
Potassium	3480		50.0	500
Magnesium	3510		5.0	500
Manganese	349		0.25	8.0
Sodium	25500		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1301
Date Prepared: 05/04/2010 1046

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Client Sample ID: MW-4

Lab Sample ID: 220-12107-11
Client Matrix: Water

Date Sampled: 04/30/2010 1540
Date Received: 05/03/2010 1420

6010B TAL Metals

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 05/10/2010 1401
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	148		0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	28300		50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	1.5	J	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	2570		15.0	125
Potassium	5200		50.0	500
Magnesium	5900		5.0	500
Manganese	123		0.25	8.0
Sodium	33500		50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

7470A Mercury

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 05/05/2010 1301
Date Prepared: 05/04/2010 1046

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.060	0.20

Client: FPM Group Limited

Job Number: 220-12107-1

Surrogate Recovery Report

8260B TCL VOA

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-12107-1	MW-5	91	95	93	81
220-12107-2	MW-6	92	96	94	81
220-12107-3	MW-6D	90	96	94	82
220-12107-4	MW-9	88	93	91	78
220-12107-5	MW-9F	89	95	93	81
220-12107-6	MW-7	91	93	92	81
220-12107-7	MW-10	89	94	93	82
220-12107-8	MW-1	89	95	92	79
220-12107-9	MW-2	91	95	92	80
220-12107-10	MW-3	88	94	92	80
220-12107-11	MW-4	89	96	92	82
220-12107-12	TRIP BLANK	91	100	100	96
MB 220-38243/2		90	94	93	82
MB 220-38258/3		93	98	91	80
LCS 220-38243/3		91	94	93	79
LCS 220-38258/2		90	93	93	80
220-12107-7 MS	MW-10 MS	93	95	95	81
220-12107-7 MSD	MW-10 MSD	90	93	92	82

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: FPM Group Limited

Job Number: 220-12107-1

Surrogate Recovery Report

8270C SVOC

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
220-12107-1	MW-5	8*	5*	14*	11*	20*	20
220-12107-2	MW-6	46	31	79	81	67	72
220-12107-3	MW-6D	42	29	78	80	66	71
220-12107-4	MW-9	41	28	75	79	66	69
220-12107-5	MW-9F	44	31	76	81	67	71
220-12107-6	MW-7	42	30	77	82	66	81
220-12107-7	MW-10	46	32	77	81	69	71
220-12107-8	MW-1	41	28	72	70	96	106
220-12107-9	MW-2	44	32	74	70	96	105
220-12107-10	MW-3	43	30	73	68	94	109
220-12107-11	MW-4	40	28	72	67	93	104
MB 220-38198/1-A		35	24	62	65	59	63
LCS 220-38198/2-A		38	27	68	71	62	70
220-12107-7 MS	MW-10 MS	54	46	73	80	67	78
220-12107-7 MSD	MW-10 MSD	55	45	70	74	64	72

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38243

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-38243/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1134
Date Prepared: 05/06/2010 1134

Analysis Batch: 220-38243
Prep Batch: N/A
Units: ug/L

Instrument ID: MSV
Lab File ID: V1871.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	10	U	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	10	U	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	65 - 136
4-Bromofluorobenzene	82	51 - 142
Dibromofluoromethane	90	68 - 132
Toluene-d8 (Surr)	93	63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38243

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-38243/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1202
Date Prepared: 05/06/2010 1202

Analysis Batch: 220-38243
Prep Batch: N/A
Units: ug/L

Instrument ID: MSV
Lab File ID: V1872.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	11.4	114	41 - 150	
Benzene	10.0	9.60	96	66 - 131	
Bromodichloromethane	10.0	9.20	92	78 - 120	
Bromoform	10.0	9.39	94	66 - 120	
Bromomethane	10.0	12.4	124	47 - 150	
Methyl Ethyl Ketone	10.0	11.2	112	42 - 150	
Carbon disulfide	10.0	8.07	81	55 - 150	
Carbon tetrachloride	10.0	8.35	84	69 - 135	
Chlorobenzene	10.0	8.69	87	68 - 120	
Chloroethane	10.0	16.4	164	49 - 150	*
Chloroform	10.0	9.52	95	77 - 126	
Chloromethane	10.0	12.2	122	33 - 150	
Dibromochloromethane	10.0	8.81	88	75 - 120	
1,1-Dichloroethane	10.0	9.81	98	75 - 130	
1,2-Dichloroethane	10.0	9.70	97	73 - 127	
1,1-Dichloroethene	10.0	8.01	80	65 - 142	
1,2-Dichloropropane	10.0	9.99	100	69 - 129	
cis-1,3-Dichloropropene	10.0	9.24	92	63 - 120	
trans-1,3-Dichloropropene	10.0	9.35	94	73 - 120	
Ethylbenzene	10.0	8.45	85	62 - 120	
2-Hexanone	10.0	9.61	96	46 - 150	J
Methylene Chloride	10.0	9.09	91	56 - 138	
methyl isobutyl ketone	10.0	10.3	103	70 - 122	
Styrene	10.0	7.91	79	47 - 120	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	75 - 124	
Tetrachloroethene	10.0	8.03	80	50 - 120	
Toluene	10.0	8.78	88	66 - 120	
1,1,1-Trichloroethane	10.0	8.72	87	73 - 135	
1,1,2-Trichloroethane	10.0	9.90	99	76 - 125	
Trichloroethene	10.0	8.70	87	60 - 122	
Vinyl chloride	10.0	11.8	118	61 - 150	
Xylenes, Total	30.0	24.3	81	58 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	65 - 136
4-Bromofluorobenzene	79	51 - 142
Dibromofluoromethane	91	68 - 132
Toluene-d8 (Surr)	93	63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38243

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1634
Date Prepared: 05/06/2010 1634

Analysis Batch: 220-38243
Prep Batch: N/A

Instrument ID: MSV
Lab File ID: V1882.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1701
Date Prepared: 05/06/2010 1701

Analysis Batch: 220-38243
Prep Batch: N/A

Instrument ID: MSV
Lab File ID: V1883.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	92	90	41 - 150	2	20		
Benzene	115	116	66 - 131	1	20		
Bromodichloromethane	104	105	78 - 120	1	20		
Bromoform	102	104	66 - 120	2	20		
Bromomethane	110	121	47 - 150	9	20		
Methyl Ethyl Ketone	104	105	42 - 150	0	20		
Carbon disulfide	114	118	55 - 150	3	20		
Carbon tetrachloride	113	114	69 - 135	2	20		
Chlorobenzene	101	102	68 - 120	1	20		
Chloroethane	143	164	49 - 150	14	20		*
Chloroform	108	112	77 - 126	3	20		
Chloromethane	107	120	33 - 150	11	20		
Dibromochloromethane	98	99	75 - 120	1	20		
1,1-Dichloroethane	116	119	75 - 130	2	20		
1,2-Dichloroethane	108	110	73 - 127	2	20		
1,1-Dichloroethene	113	113	65 - 142	0	20		
1,2-Dichloropropane	113	113	69 - 129	0	20		
cis-1,3-Dichloropropene	104	106	63 - 120	1	20		
trans-1,3-Dichloropropene	109	111	73 - 120	2	20		
Ethylbenzene	104	103	62 - 120	0	20		
2-Hexanone	100	101	46 - 150	1	20		
Methylene Chloride	102	104	56 - 138	2	20		
methyl isobutyl ketone	108	108	70 - 122	0	20		
Styrene	96	98	47 - 120	2	20		
1,1,2,2-Tetrachloroethane	103	104	75 - 124	1	20		
Tetrachloroethene	105	105	50 - 120	0	20		
Toluene	105	105	66 - 120	1	20		
1,1,1-Trichloroethane	113	116	73 - 135	3	20		
1,1,2-Trichloroethane	105	106	76 - 125	1	20		
Trichloroethene	106	107	60 - 122	1	20		
Vinyl chloride	115	129	61 - 150	12	20		
Xylenes, Total	102	103	58 - 120	1	20		

Client: FPM Group Limited

Job Number: 220-12107-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	93	65 - 136
4-Bromofluorobenzene	81	82	51 - 142
Dibromofluoromethane	93	90	68 - 132
Toluene-d8 (Surr)	95	92	63 - 127

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-38243

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1634
Date Prepared: 05/06/2010 1634

Units: ug/L

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1701
Date Prepared: 05/06/2010 1701

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Acetone	10	U	20.0	20.0	18.4	18.0	
Benzene	5.0	U	20.0	20.0	23.0	23.2	
Bromodichloromethane	5.0	U	20.0	20.0	20.8	21.1	
Bromoform	5.0	U	20.0	20.0	20.5	20.9	
Bromomethane	5.0	U	20.0	20.0	22.0	24.1	
Methyl Ethyl Ketone	10	U	20.0	20.0	20.8	20.9	
Carbon disulfide	5.0	U	20.0	20.0	22.9	23.5	
Carbon tetrachloride	5.0	U	20.0	20.0	22.5	22.9	
Chlorobenzene	5.0	U	20.0	20.0	20.2	20.3	
Chloroethane	5.0	U	20.0	20.0	28.6	32.9	*
Chloroform	5.0	U	20.0	20.0	21.7	22.4	
Chloromethane	5.0	U	20.0	20.0	21.4	24.0	
Dibromochloromethane	5.0	U	20.0	20.0	19.7	19.9	
1,1-Dichloroethane	5.0	U	20.0	20.0	23.2	23.8	
1,2-Dichloroethane	5.0	U	20.0	20.0	21.5	21.9	
1,1-Dichloroethene	5.0	U	20.0	20.0	22.7	22.7	
1,2-Dichloropropane	5.0	U	20.0	20.0	22.6	22.7	
cis-1,3-Dichloropropene	5.0	U	20.0	20.0	20.8	21.1	
trans-1,3-Dichloropropene	5.0	U	20.0	20.0	21.7	22.1	
Ethylbenzene	5.0	U	20.0	20.0	20.8	20.7	
2-Hexanone	10	U	20.0	20.0	20.0	20.2	
Methylene Chloride	5.0	U	20.0	20.0	20.4	20.9	
methyl isobutyl ketone	10	U	20.0	20.0	21.6	21.6	
Styrene	5.0	U	20.0	20.0	19.2	19.7	
1,1,2,2-Tetrachloroethane	5.0	U	20.0	20.0	20.7	20.8	
Tetrachloroethene	1.5	J	20.0	20.0	22.5	22.4	
Toluene	5.0	U	20.0	20.0	21.0	21.1	
1,1,1-Trichloroethane	5.0	U	20.0	20.0	22.5	23.3	
1,1,2-Trichloroethane	5.0	U	20.0	20.0	21.0	21.3	
Trichloroethene	5.0	U	20.0	20.0	21.3	21.5	
Vinyl chloride	5.0	U	20.0	20.0	22.9	25.7	
Xylenes, Total	5.0	U	60.0	60.0	61.2	61.6	

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38258

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 220-38258/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1112
Date Prepared: 05/07/2010 1112

Analysis Batch: 220-38258
Prep Batch: N/A
Units: ug/L

Instrument ID: MSV
Lab File ID: V1912.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	1.36	J	1.0	10
Benzene	5.0	U	0.74	5.0
Bromodichloromethane	5.0	U	0.48	5.0
Bromoform	5.0	U	0.46	5.0
Bromomethane	5.0	U	2.1	5.0
Methyl Ethyl Ketone	2.88	J	1.1	10
Carbon disulfide	5.0	U	0.90	5.0
Carbon tetrachloride	5.0	U	1.1	5.0
Chlorobenzene	5.0	U	0.72	5.0
Chloroethane	5.0	U	1.1	5.0
Chloroform	5.0	U	0.67	5.0
Chloromethane	5.0	U	1.1	5.0
Dibromochloromethane	5.0	U	0.55	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	0.72	5.0
1,1-Dichloroethene	5.0	U	0.83	5.0
1,2-Dichloropropane	5.0	U	0.71	5.0
cis-1,3-Dichloropropene	5.0	U	0.28	5.0
trans-1,3-Dichloropropene	5.0	U	0.57	5.0
Ethylbenzene	5.0	U	0.87	5.0
2-Hexanone	10	U	1.1	10
Methylene Chloride	5.0	U	0.78	5.0
methyl isobutyl ketone	10	U	0.38	10
Styrene	5.0	U	0.64	5.0
1,1,2,2-Tetrachloroethane	5.0	U	0.81	5.0
Tetrachloroethene	5.0	U	0.81	5.0
Toluene	5.0	U	0.72	5.0
1,1,1-Trichloroethane	5.0	U	0.69	5.0
1,1,2-Trichloroethane	5.0	U	0.65	5.0
Trichloroethene	5.0	U	0.62	5.0
Vinyl chloride	5.0	U	0.99	5.0
Xylenes, Total	5.0	U	2.3	5.0
cis-1,2-Dichloroethene	5.0	U	0.99	5.0
trans-1,2-Dichloroethene	5.0	U	0.76	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	65 - 136
4-Bromofluorobenzene	80	51 - 142
Dibromofluoromethane	93	68 - 132
Toluene-d8 (Surr)	91	63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38258

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 220-38258/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1017
Date Prepared: 05/07/2010 1017

Analysis Batch: 220-38258
Prep Batch: N/A
Units: ug/L

Instrument ID: MSV
Lab File ID: V1910.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	10.0	15.0	150	41 - 150	
Benzene	10.0	9.55	96	66 - 131	
Bromodichloromethane	10.0	8.74	87	78 - 120	
Bromoform	10.0	8.84	88	66 - 120	
Bromomethane	10.0	11.9	119	47 - 150	
Methyl Ethyl Ketone	10.0	14.7	147	42 - 150	
Carbon disulfide	10.0	9.55	95	55 - 150	
Carbon tetrachloride	10.0	9.28	93	69 - 135	
Chlorobenzene	10.0	8.65	87	68 - 120	
Chloroethane	10.0	16.3	163	49 - 150	*
Chloroform	10.0	9.58	96	77 - 126	
Chloromethane	10.0	12.2	122	33 - 150	
Dibromochloromethane	10.0	8.21	82	75 - 120	
1,1-Dichloroethane	10.0	9.90	99	75 - 130	
1,2-Dichloroethane	10.0	9.49	95	73 - 127	
1,1-Dichloroethene	10.0	9.12	91	65 - 142	
1,2-Dichloropropane	10.0	9.41	94	69 - 129	
cis-1,3-Dichloropropene	10.0	8.95	89	63 - 120	
trans-1,3-Dichloropropene	10.0	9.05	91	73 - 120	
Ethylbenzene	10.0	8.36	84	62 - 120	
2-Hexanone	10.0	9.64	96	46 - 150	J
Methylene Chloride	10.0	8.47	85	56 - 138	
methyl isobutyl ketone	10.0	9.79	98	70 - 122	J
Styrene	10.0	7.50	75	47 - 120	
1,1,2,2-Tetrachloroethane	10.0	9.49	95	75 - 124	
Tetrachloroethene	10.0	8.64	86	50 - 120	
Toluene	10.0	8.77	88	66 - 120	
1,1,1-Trichloroethane	10.0	9.30	93	73 - 135	
1,1,2-Trichloroethane	10.0	9.15	92	76 - 125	
Trichloroethene	10.0	8.76	88	60 - 122	
Vinyl chloride	10.0	12.8	128	61 - 150	
Xylenes, Total	30.0	24.3	81	58 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	65 - 136
4-Bromofluorobenzene	80	51 - 142
Dibromofluoromethane	90	68 - 132
Toluene-d8 (Surr)	93	63 - 127

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38198

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 220-38198/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1142
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198
Units: ug/L

Instrument ID: MSA
Lab File ID: A10913.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Acenaphthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0
Anthracene	4.0	U	0.29	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Bis(2-chloroethoxy)methane	4.0	U	0.31	4.0
Bis(2-chloroethyl)ether	4.0	U	0.29	4.0
Bis(2-ethylhexyl) phthalate	4.0	U	0.54	4.0
Butyl benzyl phthalate	4.0	U	0.35	4.0
Carbazole	4.0	U	0.33	4.0
Chrysene	4.0	U	0.25	4.0
Di-n-butyl phthalate	4.83		0.35	4.0
Di-n-octyl phthalate	4.0	U	0.38	4.0
4-Bromophenyl phenyl ether	4.0	U	0.44	4.0
4-Chloroaniline	4.0	U	0.29	4.0
2-Chloronaphthalene	4.0	U	0.39	4.0
4-Chlorophenyl phenyl ether	4.0	U	0.35	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Dibenzofuran	4.0	U	0.43	4.0
Diethyl phthalate	4.0	U	0.43	4.0
Dimethyl phthalate	4.0	U	0.38	4.0
1,2-Dichlorobenzene	4.0	U	0.31	4.0
1,3-Dichlorobenzene	4.0	U	0.25	4.0
1,4-Dichlorobenzene	4.0	U	0.31	4.0
3,3'-Dichlorobenzidine	4.0	U	0.36	4.0
2,4-Dinitrotoluene	4.0	U	0.40	4.0
2,6-Dinitrotoluene	4.0	U	0.26	4.0
Fluoranthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Hexachlorobenzene	4.0	U	0.33	4.0
Hexachlorobutadiene	4.0	U	0.20	4.0
Hexachlorocyclopentadiene	4.0	U	0.35	4.0
Hexachloroethane	4.0	U	0.37	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Isophorone	4.0	U	0.31	4.0
2-Methylnaphthalene	4.0	U	0.27	4.0
Naphthalene	4.0	U	0.30	4.0
2-Nitroaniline	4.0	U	0.34	4.0
3-Nitroaniline	4.0	U	0.23	4.0
Nitrobenzene	4.0	U	0.28	4.0

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38198

Method: 8270C
Preparation: 3510C

Lab Sample ID: MB 220-38198/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1142
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198
Units: ug/L

Instrument ID: MSA
Lab File ID: A10913.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
N-Nitrosodi-n-propylamine	4.0	U	0.33	4.0
N-Nitrosodiphenylamine	4.0	U	0.33	4.0
Phenanthrene	4.0	U	0.28	4.0
Pyrene	4.0	U	0.33	4.0
1,2,4-Trichlorobenzene	4.0	U	0.36	4.0
4-Chloro-3-methylphenol	5.0	U	0.34	5.0
2-Chlorophenol	4.0	U	0.23	4.0
2-Methylphenol	4.0	U	0.24	4.0
4-Methylphenol	4.0	U	0.29	4.0
2,4-Dichlorophenol	4.0	U	0.33	4.0
2,4-Dimethylphenol	4.0	U	0.33	4.0
2,4-Dinitrophenol	25	U	0.43	25
4,6-Dinitro-2-methylphenol	25	U	1.9	25
2-Nitrophenol	4.0	U	0.27	4.0
4-Nitrophenol	10	U	1.4	10
Pentachlorophenol	25	U	0.31	25
Phenol	4.0	U	0.19	4.0
2,4,5-Trichlorophenol	10	U	0.28	10
2,4,6-Trichlorophenol	4.0	U	0.37	4.0
Benzyl alcohol	4.0	U	0.41	4.0
4-Nitroaniline	4.0	U	0.20	4.0
2,2'-oxybis[1-chloropropane]	4.0	U	0.25	4.0

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	65	39 - 120
2-Fluorophenol	35	13 - 120
2,4,6-Tribromophenol	59	36 - 120
Nitrobenzene-d5	62	40 - 120
Phenol-d5	24	10 - 120
Terphenyl-d14	63	10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38198

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 220-38198/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1211
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198
Units: ug/L

Instrument ID: MSA
Lab File ID: A10914.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	40.0	31.5	79	52 - 120	
Acenaphthylene	40.0	28.9	72	52 - 120	
Anthracene	40.0	29.6	74	60 - 120	
Benzo[a]anthracene	40.0	35.5	89	60 - 120	
Benzo[a]pyrene	40.0	29.4	74	51 - 120	
Benzo[b]fluoranthene	40.0	33.6	84	59 - 120	
Benzo[g,h,i]perylene	40.0	33.2	83	48 - 120	
Benzo[k]fluoranthene	40.0	32.2	81	58 - 120	
Bis(2-chloroethoxy)methane	40.0	29.2	73	48 - 120	
Bis(2-chloroethyl)ether	40.0	21.9	55	46 - 120	
Bis(2-ethylhexyl) phthalate	40.0	39.4	99	57 - 120	
Butyl benzyl phthalate	40.0	37.9	95	53 - 122	
Carbazole	40.0	31.8	80	62 - 120	
Chrysene	40.0	33.3	83	59 - 120	
Di-n-butyl phthalate	40.0	33.6	84	61 - 120	
Di-n-octyl phthalate	40.0	38.8	97	57 - 120	
4-Bromophenyl phenyl ether	40.0	30.3	76	60 - 120	
4-Chloroaniline	40.0	28.2	70	33 - 120	
2-Chloronaphthalene	40.0	35.2	88	46 - 120	
4-Chlorophenyl phenyl ether	40.0	30.5	76	58 - 120	
Dibenz(a,h)anthracene	40.0	28.2	70	47 - 120	
Dibenzofuran	40.0	31.1	78	56 - 120	
Diethyl phthalate	40.0	32.5	81	57 - 120	
Dimethyl phthalate	40.0	28.8	72	49 - 120	
1,2-Dichlorobenzene	40.0	21.6	54	35 - 120	
1,3-Dichlorobenzene	40.0	23.8	60	33 - 120	
1,4-Dichlorobenzene	40.0	24.2	60	34 - 120	
3,3'-Dichlorobenzidine	40.0	23.1	58	39 - 120	
2,4-Dinitrotoluene	40.0	35.5	89	46 - 124	
2,6-Dinitrotoluene	40.0	33.5	84	63 - 120	
Fluoranthene	40.0	31.6	79	56 - 120	
Fluorene	40.0	31.3	78	61 - 120	
Hexachlorobenzene	40.0	30.8	77	59 - 120	
Hexachlorobutadiene	40.0	22.5	56	30 - 120	
Hexachlorocyclopentadiene	40.0	20.6	51	15 - 120	
Hexachloroethane	40.0	21.9	55	29 - 120	
Indeno[1,2,3-cd]pyrene	40.0	31.9	80	48 - 120	
Isophorone	40.0	29.7	74	47 - 120	
2-Methylnaphthalene	40.0	26.5	66	44 - 120	
Naphthalene	40.0	24.6	62	42 - 120	
2-Nitroaniline	40.0	31.8	80	57 - 120	
3-Nitroaniline	40.0	30.7	77	54 - 120	
Nitrobenzene	40.0	28.1	70	46 - 120	
N-Nitrosodi-n-propylamine	40.0	30.6	76	49 - 120	

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38198

Method: 8270C
Preparation: 3510C

Lab Sample ID: LCS 220-38198/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1211
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198
Units: ug/L

Instrument ID: MSA
Lab File ID: A10914.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodiphenylamine	40.0	31.8	79	62 - 120	
Phenanthrene	40.0	30.5	76	63 - 120	
Pyrene	40.0	31.8	80	62 - 120	
1,2,4-Trichlorobenzene	40.0	24.8	62	37 - 120	
4-Chloro-3-methylphenol	40.0	29.8	74	32 - 120	
2-Chlorophenol	40.0	26.6	66	18 - 120	
2-Methylphenol	40.0	24.1	60	25 - 120	
4-Methylphenol	80.0	40.6	51	21 - 120	
2,4-Dichlorophenol	40.0	27.8	70	18 - 120	
2,4-Dimethylphenol	40.0	28.4	71	26 - 120	
2,4-Dinitrophenol	40.0	31.4	79	17 - 128	
4,6-Dinitro-2-methylphenol	40.0	34.7	87	50 - 120	
2-Nitrophenol	40.0	28.6	72	36 - 120	
4-Nitrophenol	40.0	15.1	38	12 - 120	
Pentachlorophenol	40.0	33.2	83	50 - 120	
Phenol	40.0	12.2	30	10 - 120	
2,4,5-Trichlorophenol	40.0	29.6	74	23 - 123	
2,4,6-Trichlorophenol	40.0	29.1	73	18 - 125	
Benzyl alcohol	40.0	24.1	60	31 - 120	
4-Nitroaniline	40.0	32.9	82	54 - 120	
2,2'-oxybis[1-chloropropane]	40.0	27.8	70	45 - 120	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	71	39 - 120
2-Fluorophenol	38	13 - 120
2,4,6-Tribromophenol	62	36 - 120
Nitrobenzene-d5	68	40 - 120
Phenol-d5	27	10 - 120
Terphenyl-d14	70	10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38198

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1558
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198

Instrument ID: MSA
Lab File ID: A10922.D
Initial Weight/Volume: 480 mL
Final Weight/Volume: 0.5 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1626
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198

Instrument ID: MSA
Lab File ID: A10923.D
Initial Weight/Volume: 480 mL
Final Weight/Volume: 0.5 mL
Injection Volume: 1 uL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	92	83	52 - 120	10	31		
Acenaphthylene	85	76	52 - 120	11	30		
Anthracene	85	76	60 - 120	11	30		
Benzo[a]anthracene	103	93	60 - 120	10	30		
Benzo[a]pyrene	87	78	51 - 120	12	30		
Benzo[b]fluoranthene	103	94	59 - 120	9	30		
Benzo[g,h,i]perylene	85	76	48 - 120	12	30		
Benzo[k]fluoranthene	96	85	58 - 120	12	30		
Bis(2-chloroethoxy)methane	84	77	48 - 120	9	30		
Bis(2-chloroethyl)ether	80	74	46 - 120	8	30		
Bis(2-ethylhexyl) phthalate	120	109	57 - 120	10	30		
Butyl benzyl phthalate	120	109	53 - 122	10	30		
Carbazole	94	83	62 - 120	12	30		
Chrysene	97	88	59 - 120	9	30		
Di-n-butyl phthalate	88	77	61 - 120	12	30		
Di-n-octyl phthalate	158	145	57 - 120	8	30	*	*
4-Bromophenyl phenyl ether	85	75	60 - 120	13	30		
4-Chloroaniline	80	77	33 - 120	4	30		
2-Chloronaphthalene	110	96	46 - 120	14	30		
4-Chlorophenyl phenyl ether	87	79	58 - 120	10	30		
Dibenz(a,h)anthracene	84	74	47 - 120	12	30		
Dibenzofuran	92	81	56 - 120	12	30		
Diethyl phthalate	93	86	57 - 120	8	30		
Dimethyl phthalate	80	74	49 - 120	8	30		
1,2-Dichlorobenzene	61	57	35 - 120	6	30		
1,3-Dichlorobenzene	64	61	33 - 120	5	30		
1,4-Dichlorobenzene	65	63	34 - 120	4	28		
3,3'-Dichlorobenzidine	22	17	39 - 120	24	30	*	*
2,4-Dinitrotoluene	102	94	46 - 124	8	38		
2,6-Dinitrotoluene	97	87	63 - 120	10	30		
Fluoranthene	91	81	56 - 120	11	30		
Fluorene	89	80	61 - 120	11	30		

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38198

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1558
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198

Instrument ID: MSA
Lab File ID: A10922.D
Initial Weight/Volume: 480 mL
Final Weight/Volume: 0.5 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1626
Date Prepared: 05/06/2010 0850

Analysis Batch: 220-38265
Prep Batch: 220-38198

Instrument ID: MSA
Lab File ID: A10923.D
Initial Weight/Volume: 480 mL
Final Weight/Volume: 0.5 mL
Injection Volume: 1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Hexachlorobenzene	85	76	59 - 120	12	30		
Hexachlorobutadiene	66	61	30 - 120	7	30		
Hexachlorocyclopentadiene	60	55	15 - 120	8	30		
Hexachloroethane	54	52	29 - 120	4	30		
Indeno[1,2,3-cd]pyrene	92	82	48 - 120	12	30		
Isophorone	86	78	47 - 120	10	30		
2-Methylnaphthalene	78	70	44 - 120	10	30		
Naphthalene	71	65	42 - 120	9	30		
2-Nitroaniline	91	84	57 - 120	8	30		
3-Nitroaniline	81	77	54 - 120	6	30		
Nitrobenzene	79	73	46 - 120	8	30		
N-Nitrosodi-n-propylamine	89	79	49 - 120	12	38		
N-Nitrosodiphenylamine	91	82	62 - 120	10	30		
Phenanthrene	84	76	63 - 120	11	30		
Pyrene	92	82	62 - 120	12	31		
1,2,4-Trichlorobenzene	69	65	37 - 120	6	28		
4-Chloro-3-methylphenol	86	81	32 - 120	7	42		
2-Chlorophenol	76	70	18 - 120	8	40		
2-Methylphenol	75	70	25 - 120	8	30		
4-Methylphenol	65	60	21 - 120	8	30		
2,4-Dichlorophenol	78	72	18 - 120	9	30		
2,4-Dimethylphenol	86	78	26 - 120	10	30		
2,4-Dinitrophenol	91	82	17 - 128	10	30		
4,6-Dinitro-2-methylphenol	92	84	50 - 120	8	30		
2-Nitrophenol	82	75	36 - 120	9	30		
4-Nitrophenol	68	66	12 - 120	2	50		
Pentachlorophenol	94	87	50 - 120	8	50		
Phenol	52	50	10 - 120	3	42		
2,4,5-Trichlorophenol	88	82	23 - 123	8	30		
2,4,6-Trichlorophenol	83	77	18 - 125	9	30		
Benzyl alcohol	82	77	31 - 120	6	30		
4-Nitroaniline	93	85	54 - 120	9	30		

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38198

Method: 8270C
Preparation: 3510C

MS Lab Sample ID:	220-12107-7	Analysis Batch:	220-38265	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	220-38198	Lab File ID:	A10922.D
Dilution:	1.0			Initial Weight/Volume:	480 mL
Date Analyzed:	05/07/2010 1558			Final Weight/Volume:	0.5 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

MSD Lab Sample ID:	220-12107-7	Analysis Batch:	220-38265	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	220-38198	Lab File ID:	A10923.D
Dilution:	1.0			Initial Weight/Volume:	480 mL
Date Analyzed:	05/07/2010 1626			Final Weight/Volume:	0.5 mL
Date Prepared:	05/06/2010 0850			Injection Volume:	1 uL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,2'-oxybis[1-chloropropane]	77	70	45 - 120	9	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	80	74	39 - 120
2-Fluorophenol	54	55	13 - 120
2,4,6-Tribromophenol	67	64	36 - 120
Nitrobenzene-d5	73	70	40 - 120
Phenol-d5	46	45	10 - 120
Terphenyl-d14	78	72	10 - 120

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-38198

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1558
Date Prepared: 05/06/2010 0850

Units: ug/L

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1626
Date Prepared: 05/06/2010 0850

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	4.0	U	41.7	41.7	38.2		34.5	
Acenaphthylene	4.0	U	41.7	41.7	35.3		31.6	
Anthracene	4.0	U	41.7	41.7	35.5		31.7	
Benzo[a]anthracene	4.0	U	41.7	41.7	43.0		38.8	
Benzo[a]pyrene	4.0	U	41.7	41.7	36.4		32.4	
Benzo[b]fluoranthene	4.0	U	41.7	41.7	42.9		39.2	
Benzo[g,h,i]perylene	4.0	U	41.7	41.7	35.4		31.5	
Benzo[k]fluoranthene	4.0	U	41.7	41.7	39.9		35.4	
Bis(2-chloroethoxy)methane	4.0	U	41.7	41.7	34.9		31.9	
Bis(2-chloroethyl)ether	4.0	U	41.7	41.7	33.3		30.9	
Bis(2-ethylhexyl) phthalate	4.0	U	41.7	41.7	50.1		45.4	
Butyl benzyl phthalate	4.0	U	41.7	41.7	49.8		45.2	
Carbazole	4.0	U	41.7	41.7	39.1		34.5	
Chrysene	4.0	U	41.7	41.7	40.2		36.8	
Di-n-butyl phthalate	4.8		41.7	41.7	41.4		36.9	
Di-n-octyl phthalate	4.0	U	41.7	41.7	65.8	*	60.6	*
4-Bromophenyl phenyl ether	4.0	U	41.7	41.7	35.6		31.2	
4-Chloroaniline	4.0	U	41.7	41.7	33.2		31.9	
2-Chloronaphthalene	4.0	U	41.7	41.7	45.8		40.0	
4-Chlorophenyl phenyl ether	4.0	U	41.7	41.7	36.3		32.9	
Dibenz(a,h)anthracene	4.0	U	41.7	41.7	35.0		30.9	
Dibenzofuran	4.0	U	41.7	41.7	38.3		33.8	
Diethyl phthalate	4.0	U	41.7	41.7	38.7		35.9	
Dimethyl phthalate	4.0	U	41.7	41.7	33.3		30.8	
1,2-Dichlorobenzene	4.0	U	41.7	41.7	25.5		23.9	
1,3-Dichlorobenzene	4.0	U	41.7	41.7	26.8		25.5	
1,4-Dichlorobenzene	4.0	U	41.7	41.7	27.2		26.1	
3,3'-Dichlorobenzidine	4.0	U	41.7	41.7	9.08	*	7.13	*
2,4-Dinitrotoluene	4.0	U	41.7	41.7	42.4		39.0	
2,6-Dinitrotoluene	4.0	U	41.7	41.7	40.2		36.4	
Fluoranthene	4.0	U	41.7	41.7	37.9		33.9	
Fluorene	4.0	U	41.7	41.7	37.2		33.5	
Hexachlorobenzene	4.0	U	41.7	41.7	35.5		31.6	
Hexachlorobutadiene	4.0	U	41.7	41.7	27.5		25.5	
Hexachlorocyclopentadiene	4.0	U	41.7	41.7	24.9		23.0	
Hexachloroethane	4.0	U	41.7	41.7	22.4		21.6	
Indeno[1,2,3-cd]pyrene	4.0	U	41.7	41.7	38.2		34.0	
Isophorone	4.0	U	41.7	41.7	36.0		32.7	
2-Methylnaphthalene	4.0	U	41.7	41.7	32.3		29.1	
Naphthalene	4.0	U	41.7	41.7	29.4		26.9	
2-Nitroaniline	4.0	U	41.7	41.7	38.1		35.0	

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-38198

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1558
Date Prepared: 05/06/2010 0850

Units: ug/L

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/07/2010 1626
Date Prepared: 05/06/2010 0850

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
3-Nitroaniline	4.0	U	41.7	41.7	33.8	32.0
Nitrobenzene	4.0	U	41.7	41.7	32.8	30.3
N-Nitrosodi-n-propylamine	4.0	U	41.7	41.7	37.2	33.1
N-Nitrosodiphenylamine	4.0	U	41.7	41.7	37.9	34.3
Phenanthrene	4.0	U	41.7	41.7	35.2	31.6
Pyrene	4.0	U	41.7	41.7	38.5	34.2
1,2,4-Trichlorobenzene	4.0	U	41.7	41.7	28.7	27.0
4-Chloro-3-methylphenol	5.0	U	41.7	41.7	36.0	33.6
2-Chlorophenol	4.0	U	41.7	41.7	31.6	29.1
2-Methylphenol	4.0	U	41.7	41.7	31.4	29.1
4-Methylphenol	4.0	U	83.3	83.3	54.2	50.2
2,4-Dichlorophenol	4.0	U	41.7	41.7	32.6	29.8
2,4-Dimethylphenol	4.0	U	41.7	41.7	35.9	32.5
2,4-Dinitrophenol	25	U	41.7	41.7	37.9	34.1
4,6-Dinitro-2-methylphenol	25	U	41.7	41.7	38.2	35.1
2-Nitrophenol	4.0	U	41.7	41.7	34.3	31.4
4-Nitrophenol	10	U	41.7	41.7	28.2	27.7
Pentachlorophenol	25	U	41.7	41.7	39.0	36.1
Phenol	4.0	U	41.7	41.7	21.7	21.0
2,4,5-Trichlorophenol	10	U	41.7	41.7	36.7	34.0
2,4,6-Trichlorophenol	4.0	U	41.7	41.7	34.8	31.9
Benzyl alcohol	4.0	U	41.7	41.7	34.1	32.0
4-Nitroaniline	4.0	U	41.7	41.7	38.9	35.4
2,2'-oxybis[1-chloropropane]	4.0	U	41.7	41.7	32.0	29.3

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38211

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-38211/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1503
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211
Units: ug/L

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	5.0	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	500	U	50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	34.6		1.5	10.0
Iron	125	U	15.0	125
Potassium	500	U	50.0	500
Magnesium	500	U	5.0	500
Manganese	8.0	U	0.25	8.0
Sodium	500	U	50.0	500
Nickel	5.0	U	1.0	5.0
Lead	4.21	J	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	21.3	J	5.0	25.0

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38211

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-38211/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/06/2010 1506
Date Prepared: 05/06/2010 1130

Analysis Batch: 220-38221
Prep Batch: 220-38211
Units: ug/L

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	300	307	102	80 - 120	
Aluminum	6000	5790	97	80 - 120	
Arsenic	1000	1040	104	80 - 120	
Barium	300	314	105	80 - 120	
Beryllium	100	108	108	80 - 120	
Calcium	30000	29400	98	80 - 120	
Cadmium	300	304	101	80 - 120	
Cobalt	300	331	110	80 - 120	
Chromium	300	312	104	80 - 120	
Copper	300	330	110	80 - 120	
Iron	25000	24680	99	80 - 120	
Potassium	20000	19120	96	80 - 120	
Magnesium	15000	15220	101	80 - 120	
Manganese	200	210	105	80 - 120	
Sodium	30000	29400	98	80 - 120	
Nickel	300	328	109	80 - 120	
Lead	1000	1050	105	80 - 120	
Antimony	1000	998	100	80 - 120	
Selenium	500	486	97	80 - 120	
Thallium	1000	1040	104	80 - 120	
Vanadium	300	310	103	80 - 120	
Zinc	300	306	102	80 - 120	

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38241

Method: 6010B
Preparation: 3010A

Lab Sample ID: MB 220-38241/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1311
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241
Units: ug/L

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Silver	5.0	U	0.25	5.0
Aluminum	500	U	10.0	500
Arsenic	15.0	U	4.0	15.0
Barium	5.0	U	0.25	5.0
Beryllium	5.0	U	0.25	5.0
Calcium	500	U	50.0	500
Cadmium	5.0	U	1.0	5.0
Cobalt	5.0	U	0.50	5.0
Chromium	5.0	U	0.50	5.0
Copper	10.0	U	1.5	10.0
Iron	125	U	15.0	125
Potassium	500	U	50.0	500
Magnesium	500	U	5.0	500
Manganese	8.0	U	0.25	8.0
Sodium	500	U	50.0	500
Nickel	5.0	U	1.0	5.0
Lead	15.0	U	2.5	15.0
Antimony	15.0	U	5.0	15.0
Selenium	38.0	U	12.5	38.0
Thallium	15.0	U	3.5	15.0
Vanadium	5.0	U	1.0	5.0
Zinc	25.0	U	5.0	25.0

Client: FPM Group Limited

Job Number: 220-12107-1

Lab Control Sample - Batch: 220-38241

Method: 6010B
Preparation: 3010A

Lab Sample ID: LCS 220-38241/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1314
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241
Units: ug/L

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	300	313	104	80 - 120	
Aluminum	6000	5750	96	80 - 120	
Arsenic	1000	1050	105	80 - 120	
Barium	300	318	106	80 - 120	
Beryllium	100	108	108	80 - 120	
Calcium	30000	28870	96	80 - 120	
Cadmium	300	317	106	80 - 120	
Cobalt	300	334	111	80 - 120	
Chromium	300	314	105	80 - 120	
Copper	300	336	112	80 - 120	
Iron	25000	24480	98	80 - 120	
Potassium	20000	19140	96	80 - 120	
Magnesium	15000	14860	99	80 - 120	
Manganese	200	209	105	80 - 120	
Sodium	30000	28540	95	80 - 120	
Nickel	300	329	110	80 - 120	
Lead	1000	1050	105	80 - 120	
Antimony	1000	1000	100	80 - 120	
Selenium	500	516	103	80 - 120	
Thallium	1000	1070	107	80 - 120	
Vanadium	300	315	105	80 - 120	
Zinc	300	311	104	80 - 120	

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38241

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1342
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1352
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Silver	109	109	75 - 125	0	20		
Aluminum	97	98	75 - 125	1	20		
Arsenic	105	105	75 - 125	0	20		
Barium	104	103	75 - 125	0	20		
Beryllium	110	109	75 - 125	0	20		
Calcium	97	101	75 - 125	1	20		
Cadmium	105	105	75 - 125	0	20		
Cobalt	111	112	75 - 125	0	20		
Chromium	106	107	75 - 125	1	20		
Copper	115	114	75 - 125	0	20		
Iron	101	101	75 - 125	0	20		
Potassium	98	99	75 - 125	0	20		
Magnesium	103	104	75 - 125	0	20		
Manganese	104	104	75 - 125	0	20		
Sodium	101	115	75 - 125	2	20	4	4
Nickel	110	110	75 - 125	0	20		
Lead	104	106	75 - 125	1	20		
Antimony	116	118	75 - 125	2	20		
Selenium	100	93	75 - 125	7	20		
Thallium	108	107	75 - 125	1	20		
Vanadium	111	111	75 - 125	0	20		
Zinc	104	104	75 - 125	0	20		

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-38241

Method: 6010B
Preparation: 3010A

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1342
Date Prepared: 05/07/2010 1106

Units: ug/L

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1352
Date Prepared: 05/07/2010 1106

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Silver	5.0	U	60.0	60.0	65.4		65.4	
Aluminum	500	U	1670	1670	1620		1630	
Arsenic	15.0	U	200	200	210		209	
Barium	215		60.0	60.0	277		276	
Beryllium	5.0	U	20.0	20.0	21.9		21.8	
Calcium	12300		3330	3330	15540		15690	
Cadmium	5.0	U	60.0	60.0	63.0		63.2	
Cobalt	5.0	U	60.0	60.0	66.7		67.0	
Chromium	5.0	U	60.0	60.0	63.6		64.0	
Copper	10.0	U	60.0	60.0	68.7		68.5	
Iron	247		1670	1670	1930		1930	
Potassium	2460		7330	7330	9660		9710	
Magnesium	3260		3330	3330	6700		6720	
Manganese	41.6		40.0	40.0	83.4		83.2	
Sodium	19900		3330	3330	23300	4	23730	4
Nickel	5.0	U	60.0	60.0	66.2		66.2	
Lead	15.0	U	200	200	208		211	
Antimony	15.0	U	500	500	578		588	
Selenium	38.0	U	100	100	99.6		93.1	
Thallium	15.0	U	200	200	215		214	
Vanadium	5.0	U	60.0	60.0	66.5		66.5	
Zinc	25.0	U	60.0	60.0	62.6		62.5	

Client: FPM Group Limited

Job Number: 220-12107-1

Duplicate - Batch: 220-38241

Method: 6010B
Preparation: 3010A

Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/10/2010 1338
Date Prepared: 05/07/2010 1106

Analysis Batch: 220-38295
Prep Batch: 220-38241
Units: ug/L

Instrument ID: ICAP3
Lab File ID: N/A
Initial Weight/Volume: 100 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	5.0	U	5.0	NC	20	U
Aluminum	500	U	500	NC	20	U
Arsenic	15.0	U	15.0	NC	20	U
Barium	215		215	0	20	
Beryllium	5.0	U	5.0	NC	20	U
Calcium	12300		12130	2	20	
Cadmium	5.0	U	5.0	NC	20	U
Cobalt	5.0	U	5.0	NC	20	U
Chromium	5.0	U	5.0	NC	20	U
Copper	10.0	U	10.0	NC	20	U
Iron	247		243	1	20	
Potassium	2460		2440	1	20	
Magnesium	3260		3250	0	20	
Manganese	41.6		41.4	0	20	
Sodium	19900		19930	0	20	
Nickel	5.0	U	5.0	NC	20	U
Lead	15.0	U	15.0	NC	20	U
Antimony	15.0	U	15.0	NC	20	U
Selenium	38.0	U	38.0	NC	20	U
Thallium	15.0	U	15.0	NC	20	U
Vanadium	5.0	U	5.0	NC	20	U
Zinc	25.0	U	25.0	NC	20	U

Client: FPM Group Limited

Job Number: 220-12107-1

Method Blank - Batch: 220-38146

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 220-38146/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1231
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146
Units: ug/L

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.060	0.20

Lab Control Sample - Batch: 220-38146

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 220-38146/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1232
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146
Units: ug/L

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	5.00	5.11	102	80 - 120	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 220-38146

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1256
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1257
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Mercury	102	103	75 - 125	1	25		

Client: FPM Group Limited

Job Number: 220-12107-1

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 220-38146

Method: 7470A
Preparation: 7470A

MS Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1256
Date Prepared: 05/04/2010 1041

Units: ug/L

MSD Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1257
Date Prepared: 05/04/2010 1041

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Mercury	0.20	U	2.00	2.00	2.03	2.05

Duplicate - Batch: 220-38146

Method: 7470A
Preparation: 7470A

Lab Sample ID: 220-12107-7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 05/05/2010 1255
Date Prepared: 05/04/2010 1041

Analysis Batch: 220-38189
Prep Batch: 220-38146
Units: ug/L

Instrument ID: MERC1
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

DATA REPORTING QUALIFIERS

Client: FPM Group Limited Job Number: 220-12107-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
	B	The analyte was found in an associated blank, as well as in the sample.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL

Client: FPM Group Limited Job Number: 220-12107-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-38243					
LCS 220-38243/3	Lab Control Sample	T	Water	8260B	
MB 220-38243/2	Method Blank	T	Water	8260B	
220-12107-1	MW-5	T	Water	8260B	
220-12107-2	MW-6	T	Water	8260B	
220-12107-3	MW-6D	T	Water	8260B	
220-12107-4	MW-9	T	Water	8260B	
220-12107-5	MW-9F	T	Water	8260B	
220-12107-6	MW-7	T	Water	8260B	
220-12107-7	MW-10	T	Water	8260B	
220-12107-7MS	Matrix Spike	T	Water	8260B	
220-12107-7MSD	Matrix Spike Duplicate	T	Water	8260B	
220-12107-8	MW-1	T	Water	8260B	
220-12107-10	MW-3	T	Water	8260B	
220-12107-11	MW-4	T	Water	8260B	
220-12107-12TB	TRIP BLANK	T	Water	8260B	
Analysis Batch:220-38258					
LCS 220-38258/2	Lab Control Sample	T	Water	8260B	
MB 220-38258/3	Method Blank	T	Water	8260B	
220-12107-9	MW-2	T	Water	8260B	

Report Basis
T = Total

Client: FPM Group Limited

Job Number: 220-12107-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 220-38198					
LCS 220-38198/2-A	Lab Control Sample	T	Water	3510C	
MB 220-38198/1-A	Method Blank	T	Water	3510C	
220-12107-1	MW-5	T	Water	3510C	
220-12107-2	MW-6	T	Water	3510C	
220-12107-3	MW-6D	T	Water	3510C	
220-12107-4	MW-9	T	Water	3510C	
220-12107-5	MW-9F	T	Water	3510C	
220-12107-6	MW-7	T	Water	3510C	
220-12107-7	MW-10	T	Water	3510C	
220-12107-7MS	Matrix Spike	T	Water	3510C	
220-12107-7MSD	Matrix Spike Duplicate	T	Water	3510C	
220-12107-8	MW-1	T	Water	3510C	
220-12107-9	MW-2	T	Water	3510C	
220-12107-10	MW-3	T	Water	3510C	
220-12107-11	MW-4	T	Water	3510C	
Analysis Batch:220-38265					
LCS 220-38198/2-A	Lab Control Sample	T	Water	8270C	220-38198
MB 220-38198/1-A	Method Blank	T	Water	8270C	220-38198
220-12107-1	MW-5	T	Water	8270C	220-38198
220-12107-2	MW-6	T	Water	8270C	220-38198
220-12107-3	MW-6D	T	Water	8270C	220-38198
220-12107-4	MW-9	T	Water	8270C	220-38198
220-12107-5	MW-9F	T	Water	8270C	220-38198
220-12107-6	MW-7	T	Water	8270C	220-38198
220-12107-7	MW-10	T	Water	8270C	220-38198
220-12107-7MS	Matrix Spike	T	Water	8270C	220-38198
220-12107-7MSD	Matrix Spike Duplicate	T	Water	8270C	220-38198
Analysis Batch:220-38298					
220-12107-8	MW-1	T	Water	8270C	220-38198
220-12107-9	MW-2	T	Water	8270C	220-38198
220-12107-10	MW-3	T	Water	8270C	220-38198
220-12107-11	MW-4	T	Water	8270C	220-38198

Report Basis
T = Total

Client: FPM Group Limited Job Number: 220-12107-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 220-38146					
LCS 220-38146/2-A	Lab Control Sample	T	Water	7470A	
MB 220-38146/1-A	Method Blank	T	Water	7470A	
220-12107-1	MW-5	T	Water	7470A	
220-12107-2	MW-6	T	Water	7470A	
220-12107-3	MW-6D	T	Water	7470A	
220-12107-4	MW-9	T	Water	7470A	
220-12107-5	MW-9F	T	Water	7470A	
220-12107-6	MW-7	T	Water	7470A	
220-12107-7	MW-10	T	Water	7470A	
220-12107-7DU	Duplicate	T	Water	7470A	
220-12107-7MS	Matrix Spike	T	Water	7470A	
220-12107-7MSD	Matrix Spike Duplicate	T	Water	7470A	
220-12107-8	MW-1	T	Water	7470A	
220-12107-9	MW-2	T	Water	7470A	
220-12107-10	MW-3	T	Water	7470A	
220-12107-11	MW-4	T	Water	7470A	
Analysis Batch:220-38189					
LCS 220-38146/2-A	Lab Control Sample	T	Water	7470A	220-38146
MB 220-38146/1-A	Method Blank	T	Water	7470A	220-38146
220-12107-1	MW-5	T	Water	7470A	220-38146
220-12107-2	MW-6	T	Water	7470A	220-38146
220-12107-3	MW-6D	T	Water	7470A	220-38146
220-12107-4	MW-9	T	Water	7470A	220-38146
220-12107-5	MW-9F	T	Water	7470A	220-38146
220-12107-6	MW-7	T	Water	7470A	220-38146
220-12107-7	MW-10	T	Water	7470A	220-38146
220-12107-7DU	Duplicate	T	Water	7470A	220-38146
220-12107-7MS	Matrix Spike	T	Water	7470A	220-38146
220-12107-7MSD	Matrix Spike Duplicate	T	Water	7470A	220-38146
220-12107-8	MW-1	T	Water	7470A	220-38146
220-12107-9	MW-2	T	Water	7470A	220-38146
220-12107-10	MW-3	T	Water	7470A	220-38146
220-12107-11	MW-4	T	Water	7470A	220-38146
Prep Batch: 220-38211					
LCS 220-38211/2-A	Lab Control Sample	T	Water	3010A	
MB 220-38211/1-A	Method Blank	T	Water	3010A	
220-12107-1	MW-5	T	Water	3010A	
220-12107-2	MW-6	T	Water	3010A	
220-12107-3	MW-6D	T	Water	3010A	
220-12107-4	MW-9	T	Water	3010A	
220-12107-5	MW-9F	T	Water	3010A	
220-12107-6	MW-7	T	Water	3010A	
220-12107-8	MW-1	T	Water	3010A	

Client: FPM Group Limited Job Number: 220-12107-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:220-38221					
LCS 220-38211/2-A	Lab Control Sample	T	Water	6010B	220-38211
MB 220-38211/1-A	Method Blank	T	Water	6010B	220-38211
220-12107-1	MW-5	T	Water	6010B	220-38211
220-12107-2	MW-6	T	Water	6010B	220-38211
220-12107-3	MW-6D	T	Water	6010B	220-38211
220-12107-4	MW-9	T	Water	6010B	220-38211
220-12107-5	MW-9F	T	Water	6010B	220-38211
220-12107-6	MW-7	T	Water	6010B	220-38211
220-12107-8	MW-1	T	Water	6010B	220-38211
Prep Batch: 220-38241					
LCS 220-38241/2-A	Lab Control Sample	T	Water	3010A	
MB 220-38241/1-A	Method Blank	T	Water	3010A	
220-12107-7	MW-10	T	Water	3010A	
220-12107-7DU	Duplicate	T	Water	3010A	
220-12107-7MS	Matrix Spike	T	Water	3010A	
220-12107-7MSD	Matrix Spike Duplicate	T	Water	3010A	
220-12107-9	MW-2	T	Water	3010A	
220-12107-10	MW-3	T	Water	3010A	
220-12107-11	MW-4	T	Water	3010A	
Analysis Batch:220-38295					
LCS 220-38241/2-A	Lab Control Sample	T	Water	6010B	220-38241
MB 220-38241/1-A	Method Blank	T	Water	6010B	220-38241
220-12107-7	MW-10	T	Water	6010B	220-38241
220-12107-7DU	Duplicate	T	Water	6010B	220-38241
220-12107-7MS	Matrix Spike	T	Water	6010B	220-38241
220-12107-7MSD	Matrix Spike Duplicate	T	Water	6010B	220-38241
220-12107-9	MW-2	T	Water	6010B	220-38241
220-12107-10	MW-3	T	Water	6010B	220-38241
220-12107-11	MW-4	T	Water	6010B	220-38241

Report Basis
T = Total

Client: FPM Group Limited Job Number: 220-12107-1

Laboratory Chronicle

Lab ID: 220-12107-1 **Client ID: MW-5**

Sample Date/Time: 04/30/2010 09:45 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-1		220-38243		05/06/2010 16:07	1	TAL CT	BK
A:8260B	220-12107-D-1		220-38243		05/06/2010 16:07	1	TAL CT	BK
P:3510C	220-12107-A-1-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-A-1-A		220-38265	220-38198	05/07/2010 12:40	1	TAL CT	SJ
P:3010A	220-12107-C-1-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-1-B		220-38221	220-38211	05/06/2010 16:08	1	TAL CT	NP
P:7470A	220-12107-C-1-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-1-A		220-38189	220-38146	05/05/2010 12:47	1	TAL CT	JFV

Lab ID: 220-12107-2 **Client ID: MW-6**

Sample Date/Time: 04/30/2010 10:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-2		220-38243		05/06/2010 18:23	1	TAL CT	BK
A:8260B	220-12107-D-2		220-38243		05/06/2010 18:23	1	TAL CT	BK
P:3510C	220-12107-B-2-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-2-A		220-38265	220-38198	05/07/2010 13:08	1	TAL CT	SJ
P:3010A	220-12107-C-2-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-2-B		220-38221	220-38211	05/06/2010 16:12	1	TAL CT	NP
P:7470A	220-12107-C-2-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-2-A		220-38189	220-38146	05/05/2010 12:48	1	TAL CT	JFV

Lab ID: 220-12107-3 **Client ID: MW-6D**

Sample Date/Time: 04/30/2010 10:05 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-3		220-38243		05/06/2010 18:50	1	TAL CT	BK
A:8260B	220-12107-D-3		220-38243		05/06/2010 18:50	1	TAL CT	BK
P:3510C	220-12107-B-3-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-3-A		220-38265	220-38198	05/07/2010 13:36	1	TAL CT	SJ
P:3010A	220-12107-C-3-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-3-B		220-38221	220-38211	05/06/2010 16:47	1	TAL CT	NP
P:7470A	220-12107-C-3-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-3-A		220-38189	220-38146	05/05/2010 12:48	1	TAL CT	JFV

Client: FPM Group Limited Job Number: 220-12107-1

Laboratory Chronicle

Lab ID: 220-12107-4 **Client ID: MW-9**

Sample Date/Time: 04/30/2010 11:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-4		220-38243		05/06/2010 19:18	1	TAL CT	BK
A:8260B	220-12107-D-4		220-38243		05/06/2010 19:18	1	TAL CT	BK
P:3510C	220-12107-B-4-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-4-A		220-38265	220-38198	05/07/2010 14:05	1	TAL CT	SJ
P:3010A	220-12107-C-4-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-4-B		220-38221	220-38211	05/06/2010 16:51	1	TAL CT	NP
P:7470A	220-12107-C-4-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-4-A		220-38189	220-38146	05/05/2010 12:49	1	TAL CT	JFV

Lab ID: 220-12107-5 **Client ID: MW-9F**

Sample Date/Time: 04/30/2010 11:10 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-5		220-38243		05/06/2010 19:45	1	TAL CT	BK
A:8260B	220-12107-D-5		220-38243		05/06/2010 19:45	1	TAL CT	BK
P:3510C	220-12107-B-5-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-5-A		220-38265	220-38198	05/07/2010 14:33	1	TAL CT	SJ
P:3010A	220-12107-C-5-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-5-B		220-38221	220-38211	05/06/2010 16:54	1	TAL CT	NP
P:7470A	220-12107-C-5-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-5-A		220-38189	220-38146	05/05/2010 12:50	1	TAL CT	JFV

Lab ID: 220-12107-6 **Client ID: MW-7**

Sample Date/Time: 04/30/2010 12:10 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-6		220-38243		05/06/2010 20:13	1	TAL CT	BK
A:8260B	220-12107-D-6		220-38243		05/06/2010 20:13	1	TAL CT	BK
P:3510C	220-12107-A-6-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-A-6-A		220-38265	220-38198	05/07/2010 15:02	1	TAL CT	SJ
P:3010A	220-12107-C-6-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-6-B		220-38221	220-38211	05/06/2010 16:57	1	TAL CT	NP
P:7470A	220-12107-C-6-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-6-A		220-38189	220-38146	05/05/2010 12:51	1	TAL CT	JFV

Client: FPM Group Limited Job Number: 220-12107-1

Laboratory Chronicle

Lab ID: 220-12107-7 **Client ID: MW-10**

Sample Date/Time: 04/30/2010 13:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-7		220-38243		05/06/2010 15:40	1	TAL CT	BK
A:8260B	220-12107-D-7		220-38243		05/06/2010 15:40	1	TAL CT	BK
P:3510C	220-12107-A-7-B		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-A-7-B		220-38265	220-38198	05/07/2010 15:30	1	TAL CT	SJ
P:3010A	220-12107-C-7-E		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-7-E		220-38295	220-38241	05/10/2010 13:35	1	TAL CT	NP
P:7470A	220-12107-C-7-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-7-A		220-38189	220-38146	05/05/2010 12:52	1	TAL CT	JFV

Lab ID: 220-12107-7 **Client ID: MW-10**

Sample Date/Time: 04/30/2010 13:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-7 MS		220-38243		05/06/2010 16:34	1	TAL CT	BK
A:8260B	220-12107-D-7 MS		220-38243		05/06/2010 16:34	1	TAL CT	BK
P:3510C	220-12107-B-7-C MS		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-7-C MS		220-38265	220-38198	05/07/2010 15:58	1	TAL CT	SJ
P:3010A	220-12107-C-7-G MS		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-7-G MS		220-38295	220-38241	05/10/2010 13:42	1	TAL CT	NP
P:7470A	220-12107-C-7-C MS		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-7-C MS		220-38189	220-38146	05/05/2010 12:56	1	TAL CT	JFV

Lab ID: 220-12107-7 **Client ID: MW-10**

Sample Date/Time: 04/30/2010 13:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-7 MSD		220-38243		05/06/2010 17:01	1	TAL CT	BK
A:8260B	220-12107-D-7 MSD		220-38243		05/06/2010 17:01	1	TAL CT	BK
P:3510C	220-12107-B-7-D MSD		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-7-D MSD		220-38265	220-38198	05/07/2010 16:26	1	TAL CT	SJ
P:3010A	220-12107-C-7-H MSD		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-7-H MSD		220-38295	220-38241	05/10/2010 13:52	1	TAL CT	NP
P:7470A	220-12107-C-7-D MSD		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-7-D MSD		220-38189	220-38146	05/05/2010 12:57	1	TAL CT	JFV

Client: FPM Group Limited

Job Number: 220-12107-1

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Lab ID: 220-12107-7 DU **Client ID: MW-10**

Sample Date/Time: 04/30/2010 13:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	220-12107-C-7-F DU		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-7-F DU		220-38295	220-38241	05/10/2010 13:38	1	TAL CT	NP
P:7470A	220-12107-C-7-B DU		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-7-B DU		220-38189	220-38146	05/05/2010 12:55	1	TAL CT	JFV

Lab ID: 220-12107-8 **Client ID: MW-1**

Sample Date/Time: 04/30/2010 14:15 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-8		220-38243		05/06/2010 21:34	1	TAL CT	BK
A:8260B	220-12107-D-8		220-38243		05/06/2010 21:34	1	TAL CT	BK
P:3510C	220-12107-B-8-A		220-38298	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-8-A		220-38298	220-38198	05/10/2010 17:14	1	TAL CT	SJ
P:3010A	220-12107-C-8-B		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	220-12107-C-8-B		220-38221	220-38211	05/06/2010 17:00	1	TAL CT	NP
P:7470A	220-12107-C-8-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-8-A		220-38189	220-38146	05/05/2010 12:59	1	TAL CT	JFV

Lab ID: 220-12107-9 **Client ID: MW-2**

Sample Date/Time: 04/30/2010 14:45 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-9		220-38258		05/07/2010 12:33	1	TAL CT	BK
A:8260B	220-12107-D-9		220-38258		05/07/2010 12:33	1	TAL CT	BK
P:3510C	220-12107-B-9-A		220-38298	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-B-9-A		220-38298	220-38198	05/10/2010 17:42	1	TAL CT	SJ
P:3010A	220-12107-C-9-B		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-9-B		220-38295	220-38241	05/10/2010 13:55	1	TAL CT	NP
P:7470A	220-12107-C-9-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	220-12107-C-9-A		220-38189	220-38146	05/05/2010 13:00	1	TAL CT	JFV

Client: FPM Group Limited Job Number: 220-12107-1

Laboratory Chronicle

Lab ID: 220-12107-10 **Client ID: MW-3**

Sample Date/Time: 04/30/2010 15:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-10		220-38243		05/06/2010 20:40	1	TAL CT	BK
A:8260B	220-12107-D-10		220-38243		05/06/2010 20:40	1	TAL CT	BK
P:3510C	220-12107-A-10-A		220-38298	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	220-12107-A-10-A		220-38298	220-38198	05/10/2010 18:09	1	TAL CT	SJ
P:3010A	220-12107-C-10-B		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-10-B		220-38295	220-38241	05/10/2010 13:58	1	TAL CT	NP
P:7470A	220-12107-C-10-A		220-38189	220-38146	05/04/2010 10:46	1	TAL CT	JFV
A:7470A	220-12107-C-10-A		220-38189	220-38146	05/05/2010 13:01	1	TAL CT	JFV

Lab ID: 220-12107-11 **Client ID: MW-4**

Sample Date/Time: 04/30/2010 15:40 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-E-11		220-38243		05/06/2010 21:07	1	TAL CT	BK
A:8260B	220-12107-E-11		220-38243		05/06/2010 21:07	1	TAL CT	BK
P:3510C	220-12107-B-11-A		220-38298	220-38198	05/06/2010 08:52	1	TAL CT	TF
A:8270C	220-12107-B-11-A		220-38298	220-38198	05/10/2010 18:38	1	TAL CT	SJ
P:3010A	220-12107-C-11-B		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	220-12107-C-11-B		220-38295	220-38241	05/10/2010 14:01	1	TAL CT	NP
P:7470A	220-12107-C-11-A		220-38189	220-38146	05/04/2010 10:46	1	TAL CT	JFV
A:7470A	220-12107-C-11-A		220-38189	220-38146	05/05/2010 13:01	1	TAL CT	JFV

Lab ID: 220-12107-12 **Client ID: TRIP BLANK**

Sample Date/Time: 04/30/2010 00:00 Received Date/Time: 05/03/2010 14:20

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-12107-D-12		220-38243		05/06/2010 14:18	1	TAL CT	BK
A:8260B	220-12107-D-12		220-38243		05/06/2010 14:18	1	TAL CT	BK

Client: FPM Group Limited

Job Number: 220-12107-1

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:5030B	MB 220-38243/2		220-38243		05/06/2010 11:34	1	TAL CT	BK
A:8260B	MB 220-38243/2		220-38243		05/06/2010 11:34	1	TAL CT	BK
P:5030B	MB 220-38258/3		220-38258		05/07/2010 11:12	1	TAL CT	BK
A:8260B	MB 220-38258/3		220-38258		05/07/2010 11:12	1	TAL CT	BK
P:3510C	MB 220-38198/1-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	MB 220-38198/1-A		220-38265	220-38198	05/07/2010 11:42	1	TAL CT	SJ
P:3010A	MB 220-38211/1-A		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	MB 220-38211/1-A		220-38221	220-38211	05/06/2010 15:03	1	TAL CT	NP
P:3010A	MB 220-38241/1-A		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	MB 220-38241/1-A		220-38295	220-38241	05/10/2010 13:11	1	TAL CT	NP
P:7470A	MB 220-38146/1-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	MB 220-38146/1-A		220-38189	220-38146	05/05/2010 12:31	1	TAL CT	JFV

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:5030B	LCS 220-38243/3		220-38243		05/06/2010 12:02	1	TAL CT	BK
A:8260B	LCS 220-38243/3		220-38243		05/06/2010 12:02	1	TAL CT	BK
P:5030B	LCS 220-38258/2		220-38258		05/07/2010 10:17	1	TAL CT	BK
A:8260B	LCS 220-38258/2		220-38258		05/07/2010 10:17	1	TAL CT	BK
P:3510C	LCS 220-38198/2-A		220-38265	220-38198	05/06/2010 08:50	1	TAL CT	TF
A:8270C	LCS 220-38198/2-A		220-38265	220-38198	05/07/2010 12:11	1	TAL CT	SJ
P:3010A	LCS 220-38211/2-A		220-38221	220-38211	05/06/2010 11:30	1	TAL CT	JFV
A:6010B	LCS 220-38211/2-A		220-38221	220-38211	05/06/2010 15:06	1	TAL CT	NP
P:3010A	LCS 220-38241/2-A		220-38295	220-38241	05/07/2010 11:06	1	TAL CT	JFV
A:6010B	LCS 220-38241/2-A		220-38295	220-38241	05/10/2010 13:14	1	TAL CT	NP
P:7470A	LCS 220-38146/2-A		220-38189	220-38146	05/04/2010 10:41	1	TAL CT	JFV
A:7470A	LCS 220-38146/2-A		220-38189	220-38146	05/05/2010 12:32	1	TAL CT	JFV

Lab References:
TAL CT = TestAmerica Connecticut

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-5	220-12107-1	91	95	93	81
MW-6	220-12107-2	92	96	94	81
MW-6D	220-12107-3	90	96	94	82
MW-9	220-12107-4	88	93	91	78
MW-9F	220-12107-5	89	95	93	81
MW-7	220-12107-6	91	93	92	81
MW-10	220-12107-7	89	94	93	82
MW-1	220-12107-8	89	95	92	79
MW-2	220-12107-9	91	95	92	80
MW-3	220-12107-10	88	94	92	80
MW-4	220-12107-11	89	96	92	82
TRIP BLANK	220-12107-12	91	100	100	96
	MB 220-38243/2	90	94	93	82
	MB 220-38258/3	93	98	91	80
	LCS 220-38243/3	91	94	93	79
	LCS 220-38258/2	90	93	93	80
MW-10 MS	220-12107-7 MS	93	95	95	81
MW-10 MSD	220-12107-7 MSD	90	93	92	82

	QC LIMITS
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V1872.D

Lab ID: LCS 220-38243/3 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	11.4	114	41-150	
Benzene	10.0	9.60	96	66-131	
Bromodichloromethane	10.0	9.20	92	78-120	
Bromoform	10.0	9.39	94	66-120	
Bromomethane	10.0	12.4	124	47-150	
Methyl Ethyl Ketone	10.0	11.2	112	42-150	
Carbon disulfide	10.0	8.07	81	55-150	
Carbon tetrachloride	10.0	8.35	84	69-135	
Chlorobenzene	10.0	8.69	87	68-120	
Chloroethane	10.0	16.4	164	49-150	*
Chloroform	10.0	9.52	95	77-126	
Chloromethane	10.0	12.2	122	33-150	
Dibromochloromethane	10.0	8.81	88	75-120	
1,1-Dichloroethane	10.0	9.81	98	75-130	
1,2-Dichloroethane	10.0	9.70	97	73-127	
1,1-Dichloroethene	10.0	8.01	80	65-142	
1,2-Dichloropropane	10.0	9.99	100	69-129	
cis-1,3-Dichloropropene	10.0	9.24	92	63-120	
trans-1,3-Dichloropropene	10.0	9.35	94	73-120	
Ethylbenzene	10.0	8.45	85	62-120	
2-Hexanone	10.0	9.61 J	96	46-150	
Methylene Chloride	10.0	9.09	91	56-138	
methyl isobutyl ketone	10.0	10.3	103	70-122	
Styrene	10.0	7.91	79	47-120	
1,1,2,2-Tetrachloroethane	10.0	10.0	100	75-124	
Tetrachloroethene	10.0	8.03	80	50-120	
Toluene	10.0	8.78	88	66-120	
1,1,1-Trichloroethane	10.0	8.72	87	73-135	
1,1,2-Trichloroethane	10.0	9.90	99	76-125	
Trichloroethene	10.0	8.70	87	60-122	
Vinyl chloride	10.0	11.8	118	61-150	
Xylenes, Total	30.0	24.3	81	58-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V1910.D

Lab ID: LCS 220-38258/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acetone	10.0	15.0	150	41-150	
Benzene	10.0	9.55	96	66-131	
Bromodichloromethane	10.0	8.74	87	78-120	
Bromoform	10.0	8.84	88	66-120	
Bromomethane	10.0	11.9	119	47-150	
Methyl Ethyl Ketone	10.0	14.7	147	42-150	
Carbon disulfide	10.0	9.55	95	55-150	
Carbon tetrachloride	10.0	9.28	93	69-135	
Chlorobenzene	10.0	8.65	87	68-120	
Chloroethane	10.0	16.3	163	49-150	*
Chloroform	10.0	9.58	96	77-126	
Chloromethane	10.0	12.2	122	33-150	
Dibromochloromethane	10.0	8.21	82	75-120	
1,1-Dichloroethane	10.0	9.90	99	75-130	
1,2-Dichloroethane	10.0	9.49	95	73-127	
1,1-Dichloroethene	10.0	9.12	91	65-142	
1,2-Dichloropropane	10.0	9.41	94	69-129	
cis-1,3-Dichloropropene	10.0	8.95	89	63-120	
trans-1,3-Dichloropropene	10.0	9.05	91	73-120	
Ethylbenzene	10.0	8.36	84	62-120	
2-Hexanone	10.0	9.64 J	96	46-150	
Methylene Chloride	10.0	8.47	85	56-138	
methyl isobutyl ketone	10.0	9.79 J	98	70-122	
Styrene	10.0	7.50	75	47-120	
1,1,2,2-Tetrachloroethane	10.0	9.49	95	75-124	
Tetrachloroethene	10.0	8.64	86	50-120	
Toluene	10.0	8.77	88	66-120	
1,1,1-Trichloroethane	10.0	9.30	93	73-135	
1,1,2-Trichloroethane	10.0	9.15	92	76-125	
Trichloroethene	10.0	8.76	88	60-122	
Vinyl chloride	10.0	12.8	128	61-150	
Xylenes, Total	30.0	24.3	81	58-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V1882.D

Lab ID: 220-12107-7 MS Client ID: MW-10 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acetone	20.0	10 U	18.4	92	41-150	
Benzene	20.0	5.0 U	23.0	115	66-131	
Bromodichloromethane	20.0	5.0 U	20.8	104	78-120	
Bromoform	20.0	5.0 U	20.5	102	66-120	
Bromomethane	20.0	5.0 U	22.0	110	47-150	
Methyl Ethyl Ketone	20.0	10 U	20.8	104	42-150	
Carbon disulfide	20.0	5.0 U	22.9	114	55-150	
Carbon tetrachloride	20.0	5.0 U	22.5	113	69-135	
Chlorobenzene	20.0	5.0 U	20.2	101	68-120	
Chloroethane	20.0	5.0 U	28.6	143	49-150	
Chloroform	20.0	5.0 U	21.7	108	77-126	
Chloromethane	20.0	5.0 U	21.4	107	33-150	
Dibromochloromethane	20.0	5.0 U	19.7	98	75-120	
1,1-Dichloroethane	20.0	5.0 U	23.2	116	75-130	
1,2-Dichloroethane	20.0	5.0 U	21.5	108	73-127	
1,1-Dichloroethene	20.0	5.0 U	22.7	113	65-142	
1,2-Dichloropropane	20.0	5.0 U	22.6	113	69-129	
cis-1,3-Dichloropropene	20.0	5.0 U	20.8	104	63-120	
trans-1,3-Dichloropropene	20.0	5.0 U	21.7	109	73-120	
Ethylbenzene	20.0	5.0 U	20.8	104	62-120	
2-Hexanone	20.0	10 U	20.0	100	46-150	
Methylene Chloride	20.0	5.0 U	20.4	102	56-138	
methyl isobutyl ketone	20.0	10 U	21.6	108	70-122	
Styrene	20.0	5.0 U	19.2	96	47-120	
1,1,2,2-Tetrachloroethane	20.0	5.0 U	20.7	103	75-124	
Tetrachloroethene	20.0	1.5 J	22.5	105	50-120	
Toluene	20.0	5.0 U	21.0	105	66-120	
1,1,1-Trichloroethane	20.0	5.0 U	22.5	113	73-135	
1,1,2-Trichloroethane	20.0	5.0 U	21.0	105	76-125	
Trichloroethene	20.0	5.0 U	21.3	106	60-122	
Vinyl chloride	20.0	5.0 U	22.9	115	61-150	
Xylenes, Total	60.0	5.0 U	61.2	102	58-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V1883.D

Lab ID: 220-12107-7 MSD Client ID: MW-10 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	20.0	18.0	90	2	20	41-150	
Benzene	20.0	23.2	116	1	20	66-131	
Bromodichloromethane	20.0	21.1	105	1	20	78-120	
Bromoform	20.0	20.9	104	2	20	66-120	
Bromomethane	20.0	24.1	121	9	20	47-150	
Methyl Ethyl Ketone	20.0	20.9	105	0	20	42-150	
Carbon disulfide	20.0	23.5	118	3	20	55-150	
Carbon tetrachloride	20.0	22.9	114	2	20	69-135	
Chlorobenzene	20.0	20.3	102	1	20	68-120	
Chloroethane	20.0	32.9	164	14	20	49-150	*
Chloroform	20.0	22.4	112	3	20	77-126	
Chloromethane	20.0	24.0	120	11	20	33-150	
Dibromochloromethane	20.0	19.9	99	1	20	75-120	
1,1-Dichloroethane	20.0	23.8	119	2	20	75-130	
1,2-Dichloroethane	20.0	21.9	110	2	20	73-127	
1,1-Dichloroethene	20.0	22.7	113	0	20	65-142	
1,2-Dichloropropane	20.0	22.7	113	0	20	69-129	
cis-1,3-Dichloropropene	20.0	21.1	106	1	20	63-120	
trans-1,3-Dichloropropene	20.0	22.1	111	2	20	73-120	
Ethylbenzene	20.0	20.7	103	0	20	62-120	
2-Hexanone	20.0	20.2	101	1	20	46-150	
Methylene Chloride	20.0	20.9	104	2	20	56-138	
methyl isobutyl ketone	20.0	21.6	108	0	20	70-122	
Styrene	20.0	19.7	98	2	20	47-120	
1,1,2,2-Tetrachloroethane	20.0	20.8	104	1	20	75-124	
Tetrachloroethene	20.0	22.4	105	0	20	50-120	
Toluene	20.0	21.1	105	1	20	66-120	
1,1,1-Trichloroethane	20.0	23.3	116	3	20	73-135	
1,1,2-Trichloroethane	20.0	21.3	106	1	20	76-125	
Trichloroethene	20.0	21.5	107	1	20	60-122	
Vinyl chloride	20.0	25.7	129	12	20	61-150	
Xylenes, Total	60.0	61.6	103	1	20	58-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: V1871.D Lab Sample ID: MB 220-38243/2

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSV Date Analyzed: 05/06/2010 11:34

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-38243/3	V1872.D	05/06/2010 12:02
TRIP BLANK	220-12107-12	V1877.D	05/06/2010 14:18
MW-10	220-12107-7	V1880.D	05/06/2010 15:40
MW-5	220-12107-1	V1881.D	05/06/2010 16:07
MW-10 MS	220-12107-7 MS	V1882.D	05/06/2010 16:34
MW-10 MSD	220-12107-7 MSD	V1883.D	05/06/2010 17:01
MW-6	220-12107-2	V1886.D	05/06/2010 18:23
MW-6D	220-12107-3	V1887.D	05/06/2010 18:50
MW-9	220-12107-4	V1888.D	05/06/2010 19:18
MW-9F	220-12107-5	V1889.D	05/06/2010 19:45
MW-7	220-12107-6	V1890.D	05/06/2010 20:13
MW-3	220-12107-10	V1891.D	05/06/2010 20:40
MW-4	220-12107-11	V1892.D	05/06/2010 21:07
MW-1	220-12107-8	V1893.D	05/06/2010 21:34

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: V1912.D Lab Sample ID: MB 220-38258/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSV Date Analyzed: 05/07/2010 11:12

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-38258/2	V1910.D	05/07/2010 10:17
MW-2	220-12107-9	V1915.D	05/07/2010 12:33

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: VB022.D BFB Injection Date: 04/23/2010

Instrument ID: MSV BFB Injection Time: 14:43

Analysis Batch No.: 37883

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.1	
75	30.0 - 60.0 % of mass 95	50.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	79.0	
175	5.0 - 9.0 % of mass 174	5.6	(7.1)1
176	95.0 - 101.0 % of mass 174	76.2	(96.5)1
177	5.0 - 9.0 % of mass 176	5.2	(6.8)2

1-Value is % mass 174 2-Value is % mass 176

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
	IC 220-37883/1	V1624.D	04/23/2010	15:03
	IC 220-37883/2	V1625.D	04/23/2010	15:30
	ICIS 220-37883/3	V1626.D	04/23/2010	15:58
	IC 220-37883/4	V1627.D	04/23/2010	16:25
	IC 220-37883/5	V1628.D	04/23/2010	16:52
	IC 220-37883/6	V1629.D	04/23/2010	17:19

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: VB032.D BFB Injection Date: 05/06/2010

Instrument ID: MSV BFB Injection Time: 09:55

Analysis Batch No.: 38243

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.7	
75	30.0 - 60.0 % of mass 95	51.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	80.3	
175	5.0 - 9.0 % of mass 174	5.7	(7.1)1
176	95.0 - 101.0 % of mass 174	77.2	(96.0)1
177	5.0 - 9.0 % of mass 176	5.3	(6.9)2

1-Value is % mass 174 2-Value is % mass 176

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
	CCVIS 220-38243/1	V1868.D	05/06/2010	10:04
	MB 220-38243/2	V1871.D	05/06/2010	11:34
	LCS 220-38243/3	V1872.D	05/06/2010	12:02
TRIP BLANK	220-12107-12	V1877.D	05/06/2010	14:18
MW-10	220-12107-7	V1880.D	05/06/2010	15:40
MW-5	220-12107-1	V1881.D	05/06/2010	16:07
MW-10 MS	220-12107-7 MS	V1882.D	05/06/2010	16:34
MW-10 MSD	220-12107-7 MSD	V1883.D	05/06/2010	17:01
MW-6	220-12107-2	V1886.D	05/06/2010	18:23
MW-6D	220-12107-3	V1887.D	05/06/2010	18:50
MW-9	220-12107-4	V1888.D	05/06/2010	19:18
MW-9F	220-12107-5	V1889.D	05/06/2010	19:45
MW-7	220-12107-6	V1890.D	05/06/2010	20:13
MW-3	220-12107-10	V1891.D	05/06/2010	20:40
MW-4	220-12107-11	V1892.D	05/06/2010	21:07
MW-1	220-12107-8	V1893.D	05/06/2010	21:34

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: VB033.D BFB Injection Date: 05/07/2010

Instrument ID: MSV BFB Injection Time: 09:31

Analysis Batch No.: 38258

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	21.5	
75	30.0 - 60.0 % of mass 95	51.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.1	(0.2)1
174	50.0 - 120.00 % of mass 95	80.5	
175	5.0 - 9.0 % of mass 174	5.6	(7.0)1
176	95.0 - 101.0 % of mass 174	76.9	(95.5)1
177	5.0 - 9.0 % of mass 176	5.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

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
	CCVIS 220-38258/1	V1909.D	05/07/2010	09:41
	LCS 220-38258/2	V1910.D	05/07/2010	10:17
	MB 220-38258/3	V1912.D	05/07/2010	11:12
MW-2	220-12107-9	V1915.D	05/07/2010	12:33

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38243/1 Date Analyzed: 05/06/2010 10:04

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V1868.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1293456	5.44	957938	9.20	571329	11.45
UPPER LIMIT		2586912	5.94	1915876	9.70	1142658	11.95
LOWER LIMIT		646728	4.94	478969	8.70	285665	10.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-38243/2		1215966	5.44	890591	9.20	488885	11.45
LCS 220-38243/3		1257075	5.44	924754	9.20	540639	11.45
220-12107-12	TRIP BLANK	1300126	5.44	940505	9.20	517173	11.45
220-12107-7	MW-10	1227045	5.44	902200	9.20	501369	11.45
220-12107-1	MW-5	1204202	5.44	883251	9.20	494677	11.45
220-12107-7 MS	MW-10 MS	1259654	5.44	932470	9.20	552570	11.45
220-12107-7 MSD	MW-10 MSD	1317571	5.44	981799	9.20	574896	11.45
220-12107-2	MW-6	1244704	5.44	926266	9.19	514887	11.45
220-12107-3	MW-6D	1230679	5.44	907585	9.19	503681	11.45
220-12107-4	MW-9	1262692	5.44	930027	9.19	522905	11.45
220-12107-5	MW-9F	1222484	5.44	899449	9.19	502364	11.45
220-12107-6	MW-7	1225159	5.44	900726	9.20	503269	11.45
220-12107-10	MW-3	1213424	5.44	902663	9.19	501165	11.45
220-12107-11	MW-4	1212892	5.44	891092	9.19	490845	11.45
220-12107-8	MW-1	1210424	5.44	896932	9.20	496605	11.45

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38258/1 Date Analyzed: 05/07/2010 09:41

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): V1909.D Heated Purge: (Y/N) N

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		1219082	5.44	891750	9.19	534617	11.45
UPPER LIMIT		2438164	5.94	1783500	9.69	1069234	11.95
LOWER LIMIT		609541	4.94	445875	8.69	267309	10.95
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-38258/2		1204070	5.44	883661	9.20	516814	11.45
MB 220-38258/3		1121671	5.44	845364	9.19	466827	11.45
220-12107-9	MW-2	1110384	5.44	823165	9.19	454341	11.45

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

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 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 220-12107-1

Matrix: Water Lab File ID: V1881.D

Analysis Method: 8260B Date Collected: 04/30/2010 09:45

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 16:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 220-12107-1

Matrix: Water Lab File ID: V1881.D

Analysis Method: 8260B Date Collected: 04/30/2010 09:45

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 16:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	65-136	
460-00-4	4-Bromofluorobenzene	81	51-142	
1868-53-7	Dibromofluoromethane	91	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1881.D
Lab Smp Id: 220-12107-D-1 Client Smp ID: MW-5
Inj Date : 06-MAY-2010 16:07 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-1
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.440	5.440	(1.000)	1204202	25.0000	
$ 41 Dibromofluoromethane	111	4.538	4.538	(0.834)	252762	22.7787	23
45 2-Butanone	43	4.682	4.672	(0.861)	1473	0.20960	0.2(M)
$ 55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.938)	347679	23.8367	24
* 75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	883251	25.0000	
$ 77 Toluene-d8	98	7.287	7.292	(0.792)	1032000	23.3660	23
80 Tetrachloroethene	164	7.810	7.815	(0.849)	2573	0.26468	0.3
* 95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	494677	25.0000	
$ 125 Bromofluorobenzene	95	10.489	10.484	(0.916)	349756	20.2687	20

QC Flag Legend

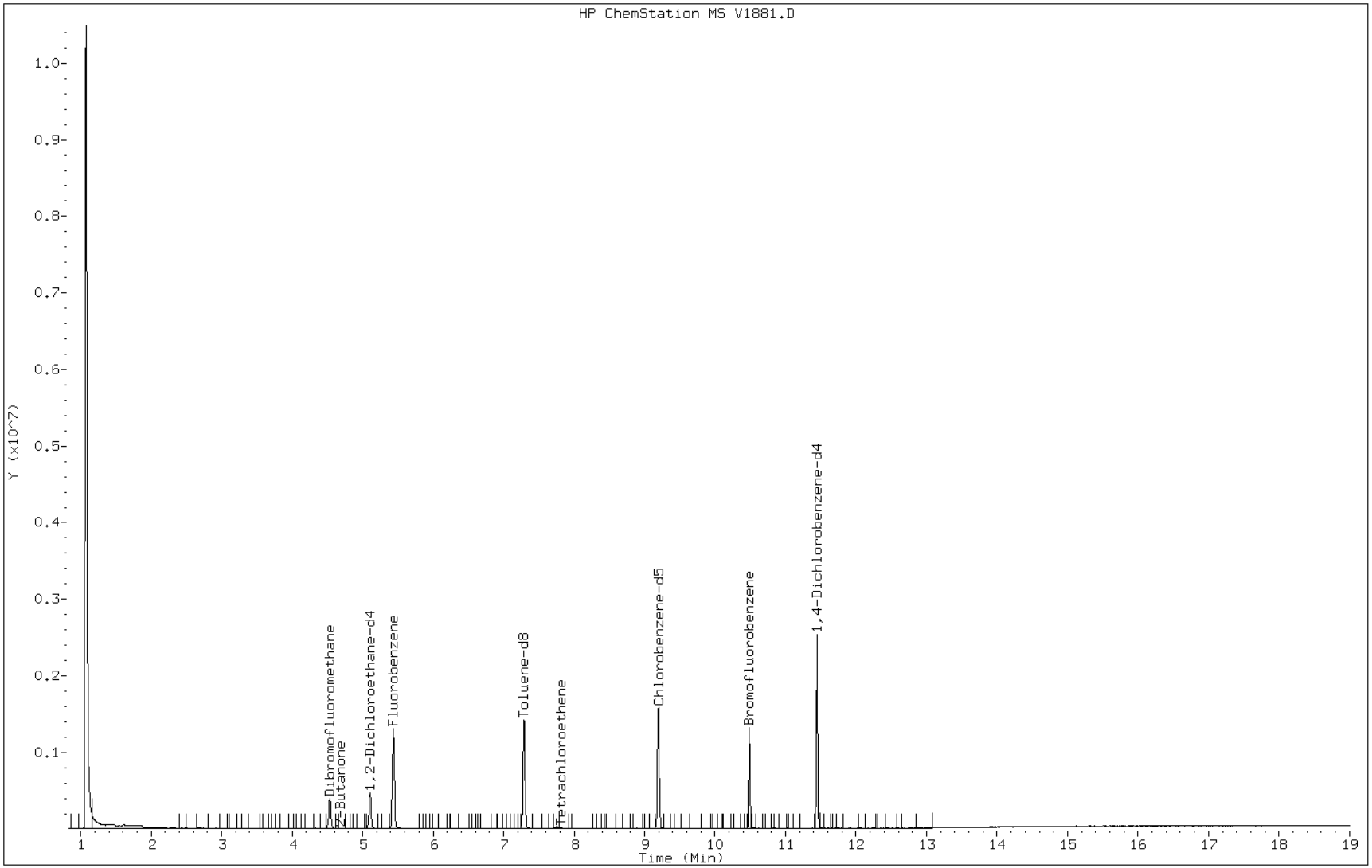
M - Compound response manually integrated.

Data File: V1881.D

Date: 06-MAY-2010 16:07

Client ID: MW-5 Instrument: msv.i

Sample Info: 220-12107-d-1 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1881.D
Inj. Date and Time: 06-MAY-2010 16:07
Instrument ID: msv.i
Client ID: MW-5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 05/07/2010

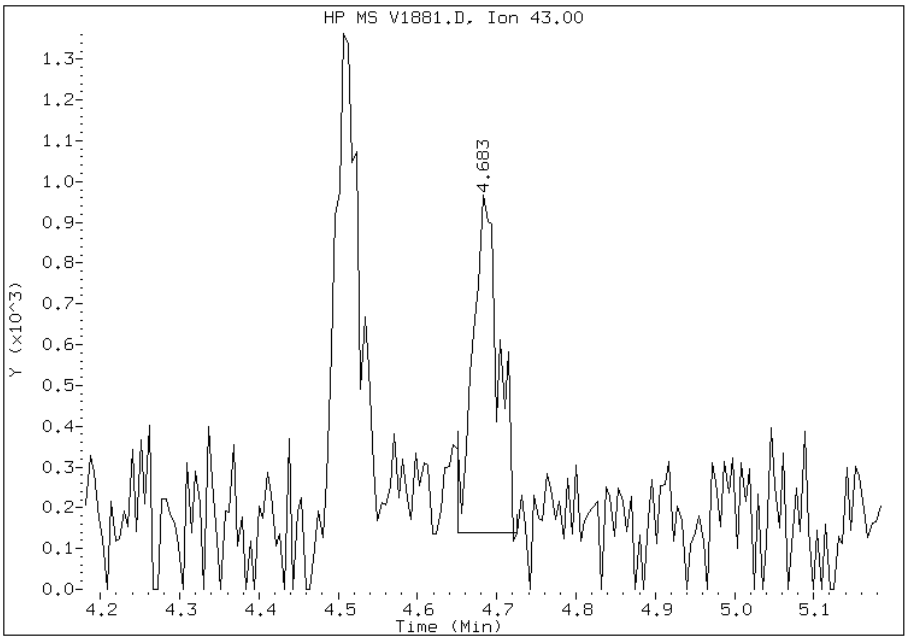
Processing Integration Results

RT: 4.68

Response: 1856

Amount: 0

Conc: 0



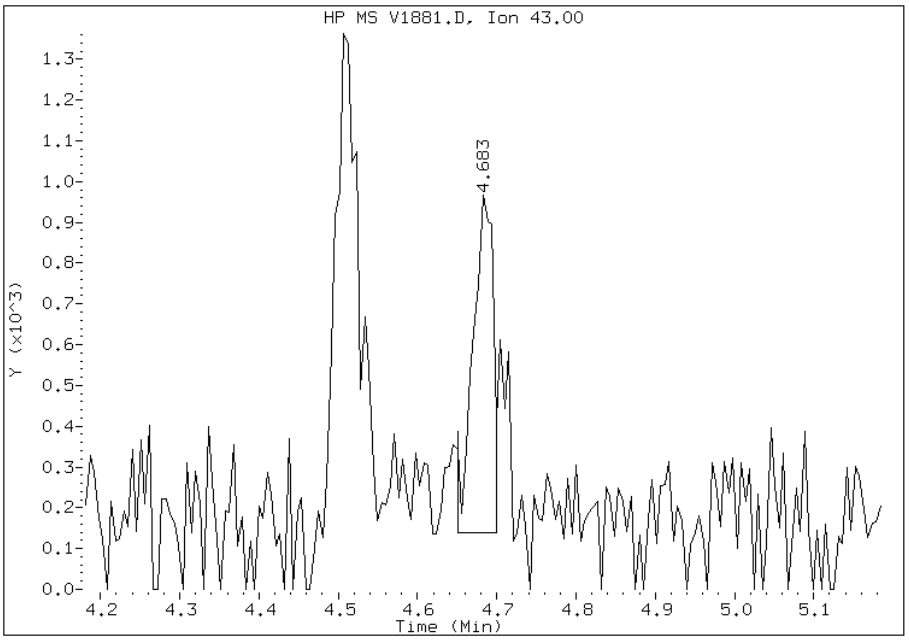
Manual Integration Results

RT: 4.68

Response: 1473

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 220-12107-2

Matrix: Water | Lab File ID: V1886.D

Analysis Method: 8260B | Date Collected: 04/30/2010 10:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 18:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6 Lab Sample ID: 220-12107-2

Matrix: Water Lab File ID: V1886.D

Analysis Method: 8260B Date Collected: 04/30/2010 10:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 18:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	65-136	
460-00-4	4-Bromofluorobenzene	81	51-142	
1868-53-7	Dibromofluoromethane	92	68-132	
2037-26-5	Toluene-d8 (Surr)	94	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1886.D
Lab Smp Id: 220-12107-D-2 Client Smp ID: MW-6
Inj Date : 06-MAY-2010 18:23 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-2
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1244704	25.0000	
	2 Dichlorodifluoromethane	85	1.182	1.187	(0.217)	1774	0.17760	0.2(M)
	21 Acetone	43	2.708	2.713	(0.498)	7028	0.10485	0.1(M)
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	263020	22.9319	23
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	362119	24.0188	24
*	75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	926266	25.0000	
$	77 Toluene-d8	98	7.287	7.292	(0.793)	1089561	23.5237	24
	80 Tetrachloroethene	164	7.821	7.815	(0.851)	3111	0.30516	0.3
	90 Ethylbenzene	106	9.288	9.288	(1.010)	1917	0.10058	0.1
	91 Xylene (total)mp	106	9.464	9.464	(1.030)	3298	0.14614	0.1
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	514887	25.0000	
	102 n-Propylbenzene	91	10.633	10.633	(0.929)	7522	0.11994	0.1
	107 1,2,4-Trimethylbenzene	105	11.146	11.145	(0.973)	6306	0.13265	0.1
	118 1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	5316	0.11041	0.1
	123 Naphthalene	128	13.110	13.109	(1.145)	13486	0.20774	0.2
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	365771	20.3648	20
M	127 Xylene (total)	100				3298	0.14614	0.1

QC Flag Legend

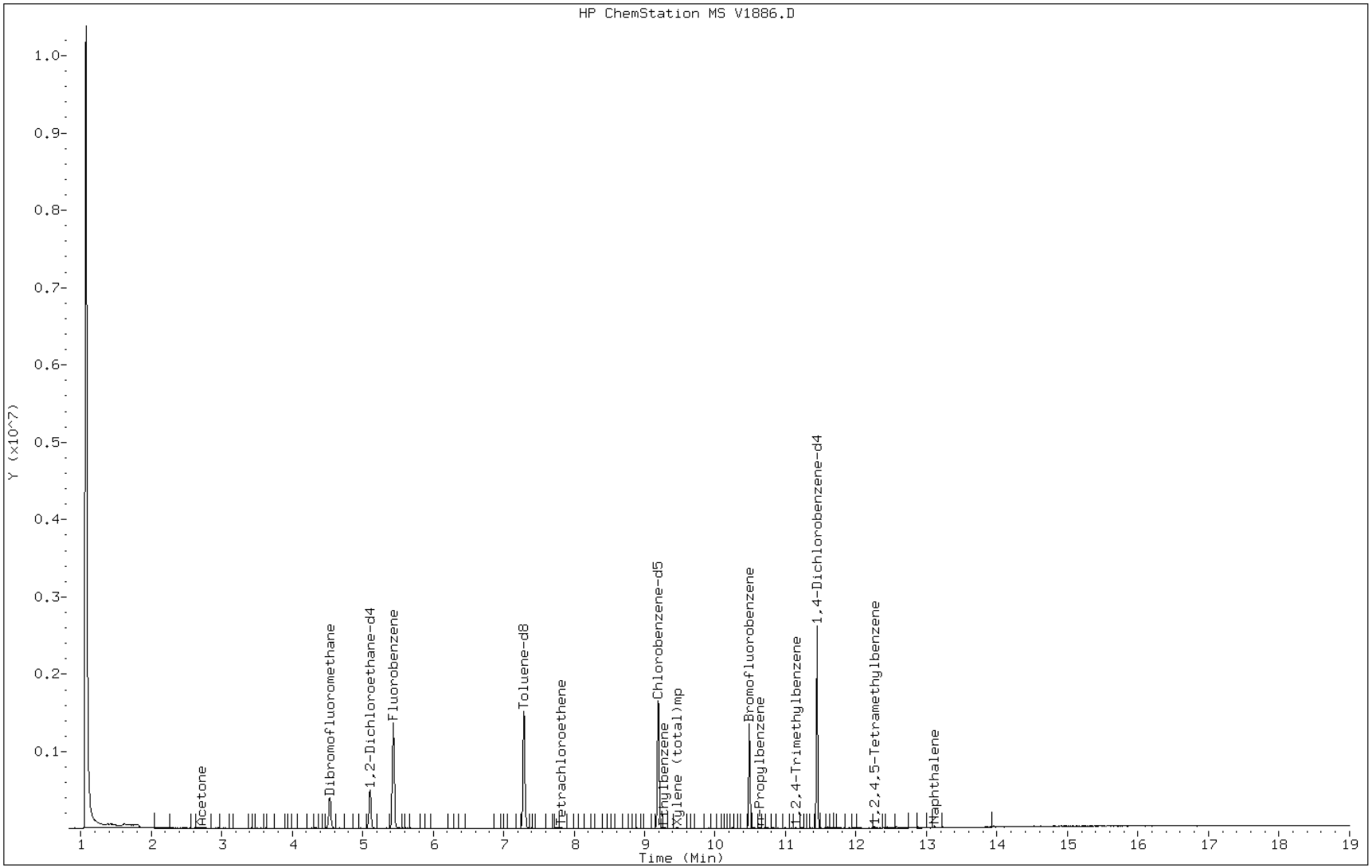
M - Compound response manually integrated.

Data File: V1886.D

Date: 06-MAY-2010 18:23

Client ID: MW-6 Instrument: msv.i

Sample Info: 220-12107-d-2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1886.D
Inj. Date and Time: 06-MAY-2010 18:23
Instrument ID: msv.i
Client ID: MW-6
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 05/07/2010

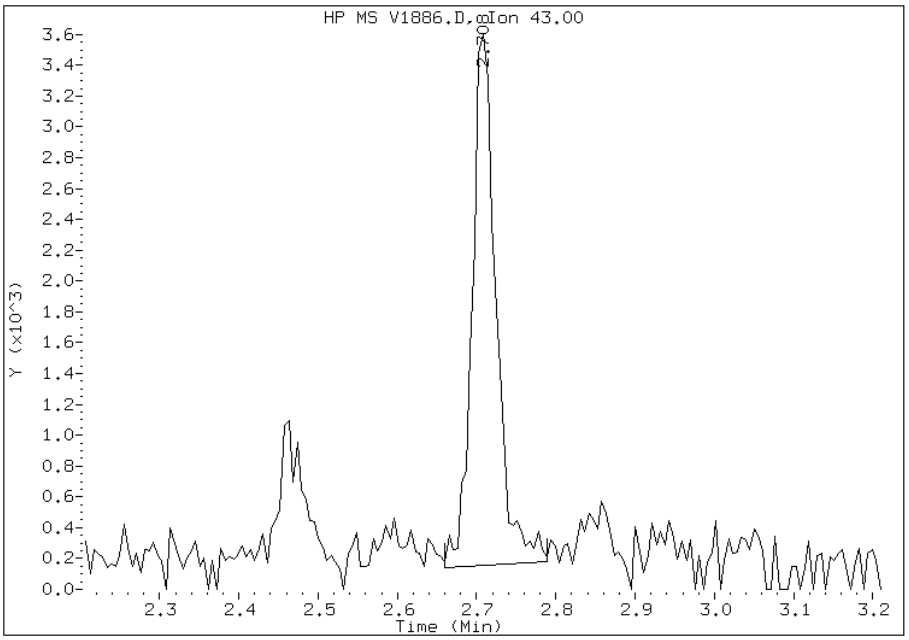
Processing Integration Results

RT: 2.71

Response: 7192

Amount: 0

Conc: 0



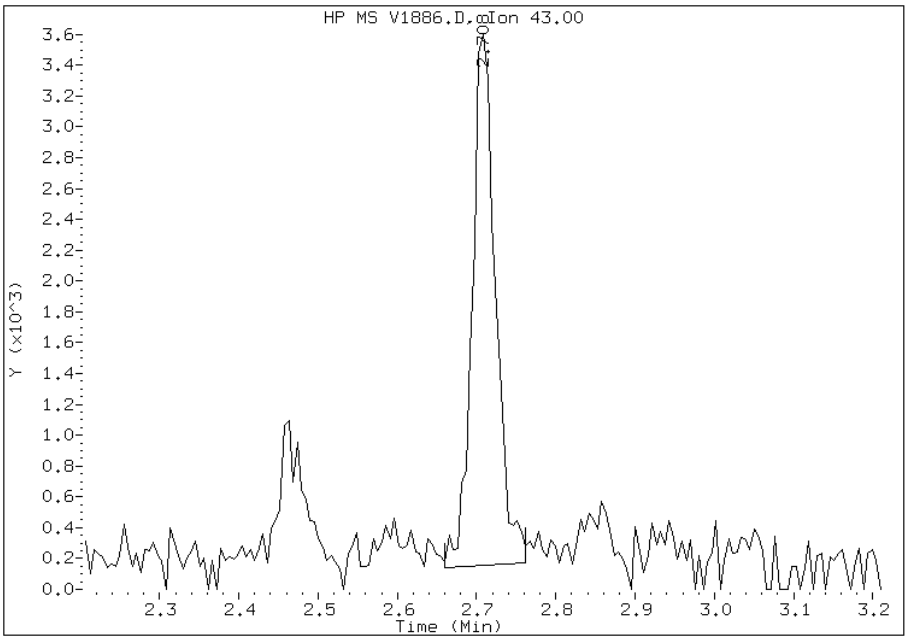
Manual Integration Results

RT: 2.71

Response: 7028

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6D Lab Sample ID: 220-12107-3

Matrix: Water Lab File ID: V1887.D

Analysis Method: 8260B Date Collected: 04/30/2010 10:05

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 18:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6D Lab Sample ID: 220-12107-3

Matrix: Water Lab File ID: V1887.D

Analysis Method: 8260B Date Collected: 04/30/2010 10:05

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 18:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	65-136	
460-00-4	4-Bromofluorobenzene	82	51-142	
1868-53-7	Dibromofluoromethane	90	68-132	
2037-26-5	Toluene-d8 (Surr)	94	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1887.D
Lab Smp Id: 220-12107-D-3 Client Smp ID: MW-6D
Inj Date : 06-MAY-2010 18:50 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-3
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1230679	25.0000	
	2 Dichlorodifluoromethane	85	1.181	1.187	(0.217)	1783	0.18053	0.2
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	255229	22.5062	22
	45 2-Butanone	43	4.682	4.672	(0.862)	2695	0.37523	0.4
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	358874	24.0749	24
*	75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	907585	25.0000	
$	77 Toluene-d8	98	7.287	7.292	(0.793)	1065695	23.4820	23
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	2335	0.23376	0.2
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	503681	25.0000	
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	362352	20.6233	21

Data File: V1887.D

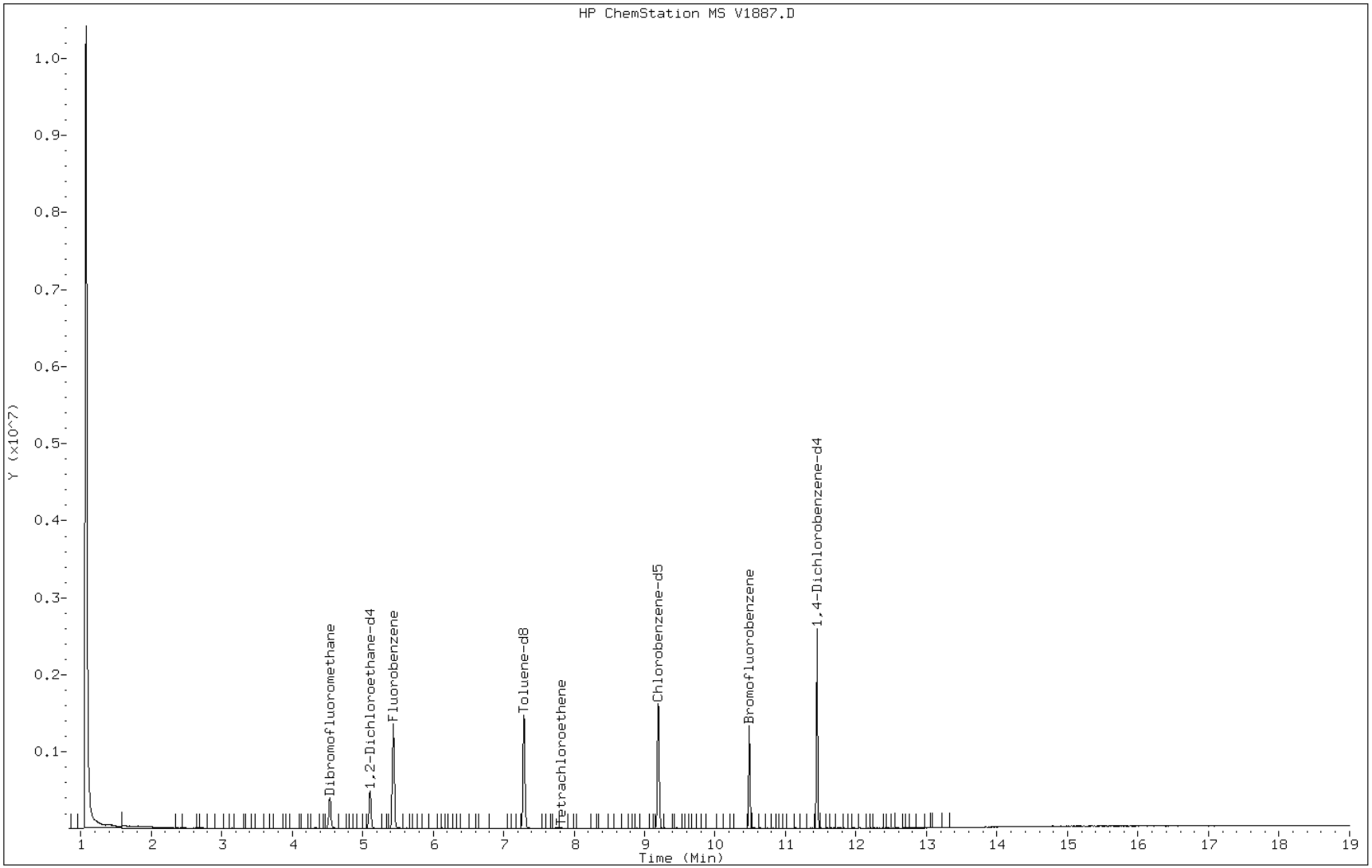
Date: 06-MAY-2010 18:50

Client ID: MW-6D

Instrument: msv.i

Sample Info: 220-12107-d-3

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9 Lab Sample ID: 220-12107-4

Matrix: Water Lab File ID: V1888.D

Analysis Method: 8260B Date Collected: 04/30/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 19:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9 Lab Sample ID: 220-12107-4

Matrix: Water Lab File ID: V1888.D

Analysis Method: 8260B Date Collected: 04/30/2010 11:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 19:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	65-136	
460-00-4	4-Bromofluorobenzene	78	51-142	
1868-53-7	Dibromofluoromethane	88	68-132	
2037-26-5	Toluene-d8 (Surr)	91	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1888.D
Lab Smp Id: 220-12107-D-4 Client Smp ID: MW-9
Inj Date : 06-MAY-2010 19:18 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-4
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1262692	25.0000	
	2 Dichlorodifluoromethane	85	1.181	1.187	(0.217)	4706	0.46441	0.5(M)
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	255502	21.9591	22
	45 2-Butanone	43	4.688	4.672	(0.863)	2003	0.27181	0.3(M)
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	357291	23.3610	23
	60 Trichloroethene	130	5.632	5.638	(1.036)	1558	0.12524	0.1
*	75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	930027	25.0000	
$	77 Toluene-d8	98	7.287	7.292	(0.793)	1062513	22.8469	23
	80 Tetrachloroethene	164	7.804	7.815	(0.849)	5414	0.52892	0.5
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	522905	25.0000	
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	357939	19.6231	20

QC Flag Legend

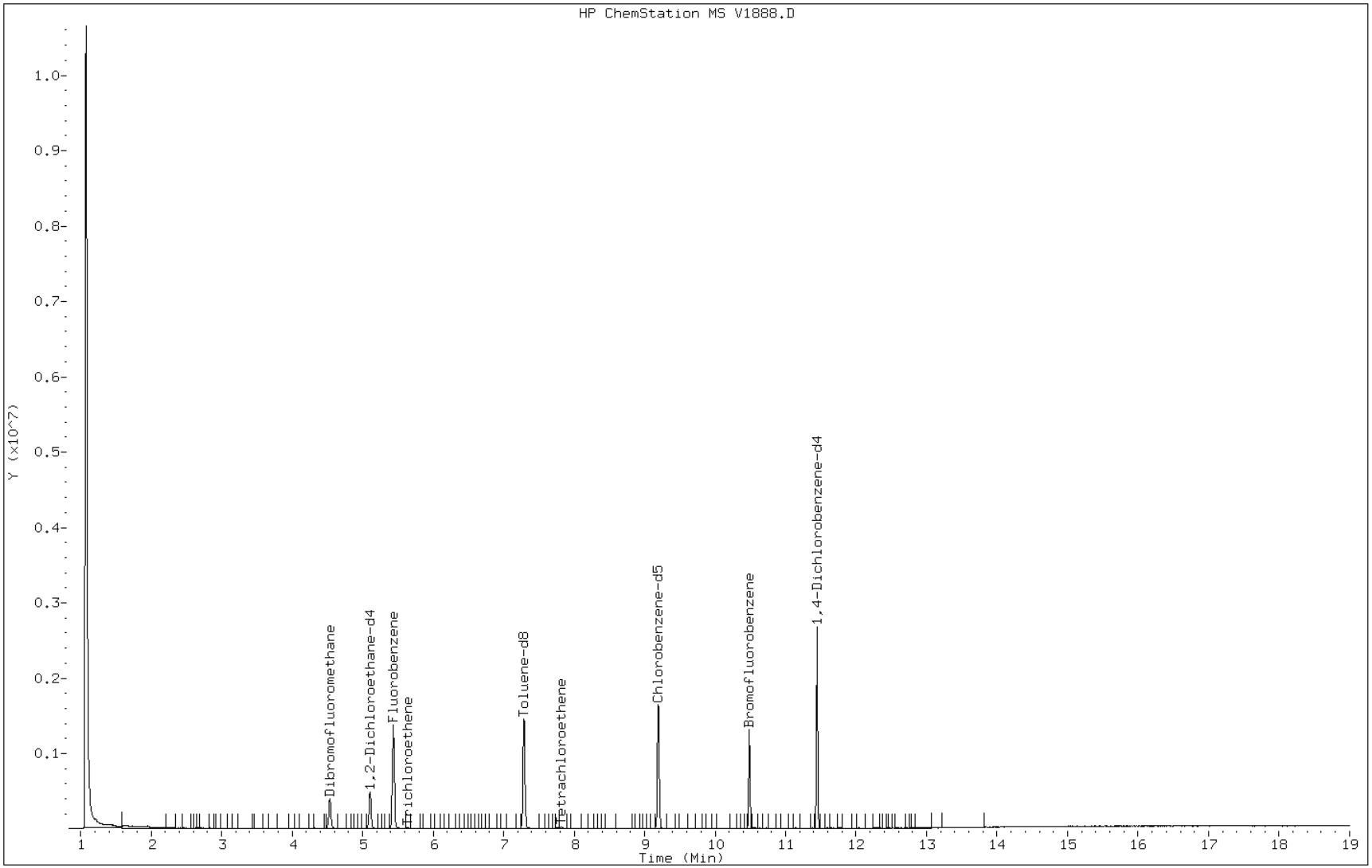
M - Compound response manually integrated.

Data File: V1888.D

Date: 06-MAY-2010 19:18

Client ID: MW-9 Instrument: msv.i

Sample Info: 220-12107-d-4 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1888.D
Inj. Date and Time: 06-MAY-2010 19:18
Instrument ID: msv.i
Client ID: MW-9
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 05/07/2010

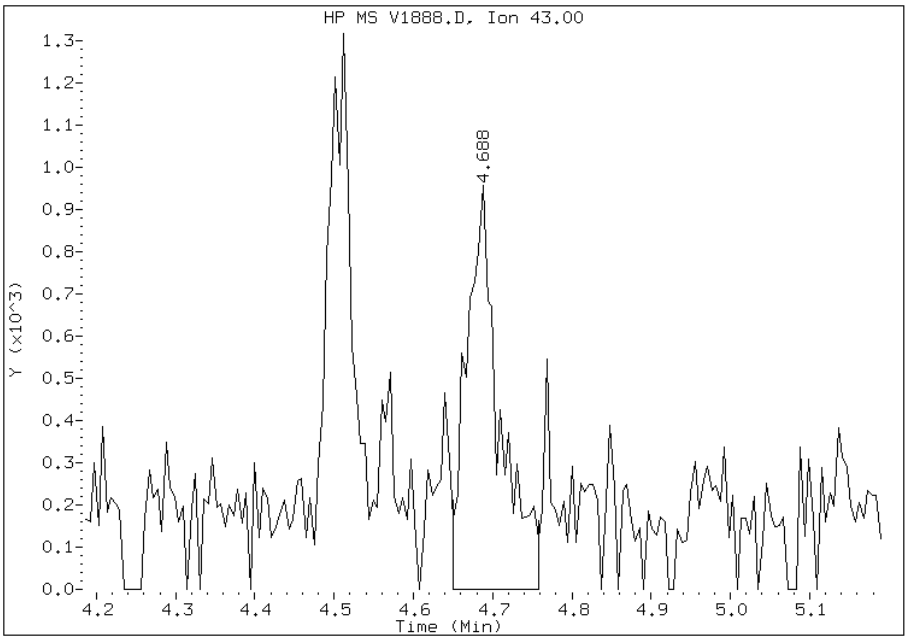
Processing Integration Results

RT: 4.69

Response: 2764

Amount: 0

Conc: 0



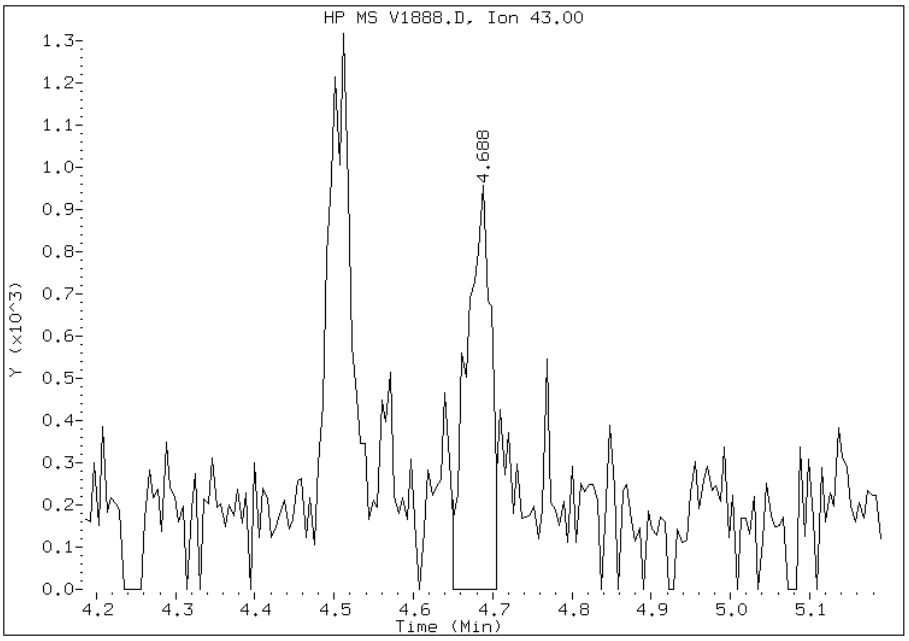
Manual Integration Results

RT: 4.69

Response: 2003

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9F | Lab Sample ID: 220-12107-5

Matrix: Water | Lab File ID: V1889.D

Analysis Method: 8260B | Date Collected: 04/30/2010 11:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.8	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	5.3	J	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9F Lab Sample ID: 220-12107-5

Matrix: Water Lab File ID: V1889.D

Analysis Method: 8260B Date Collected: 04/30/2010 11:10

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	65-136	
460-00-4	4-Bromofluorobenzene	81	51-142	
1868-53-7	Dibromofluoromethane	89	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1889.D
Lab Smp Id: 220-12107-D-5 Client Smp ID: MW-9F
Inj Date : 06-MAY-2010 19:45 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1222484	25.0000	
	21 Acetone	43	2.713	2.713	(0.499)	15176	1.77790	2
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	250859	22.2692	22
	45 2-Butanone	43	4.667	4.672	(0.859)	37983	5.32392	5
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	350432	23.6661	24
*	75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	899449	25.0000	
	76 Toluene	91	7.351	7.351	(0.800)	6778	0.12850	0.1
$	77 Toluene-d8	98	7.287	7.292	(0.793)	1050202	23.3499	23
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	502364	25.0000	
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	356344	20.3345	20

Data File: V1889.D

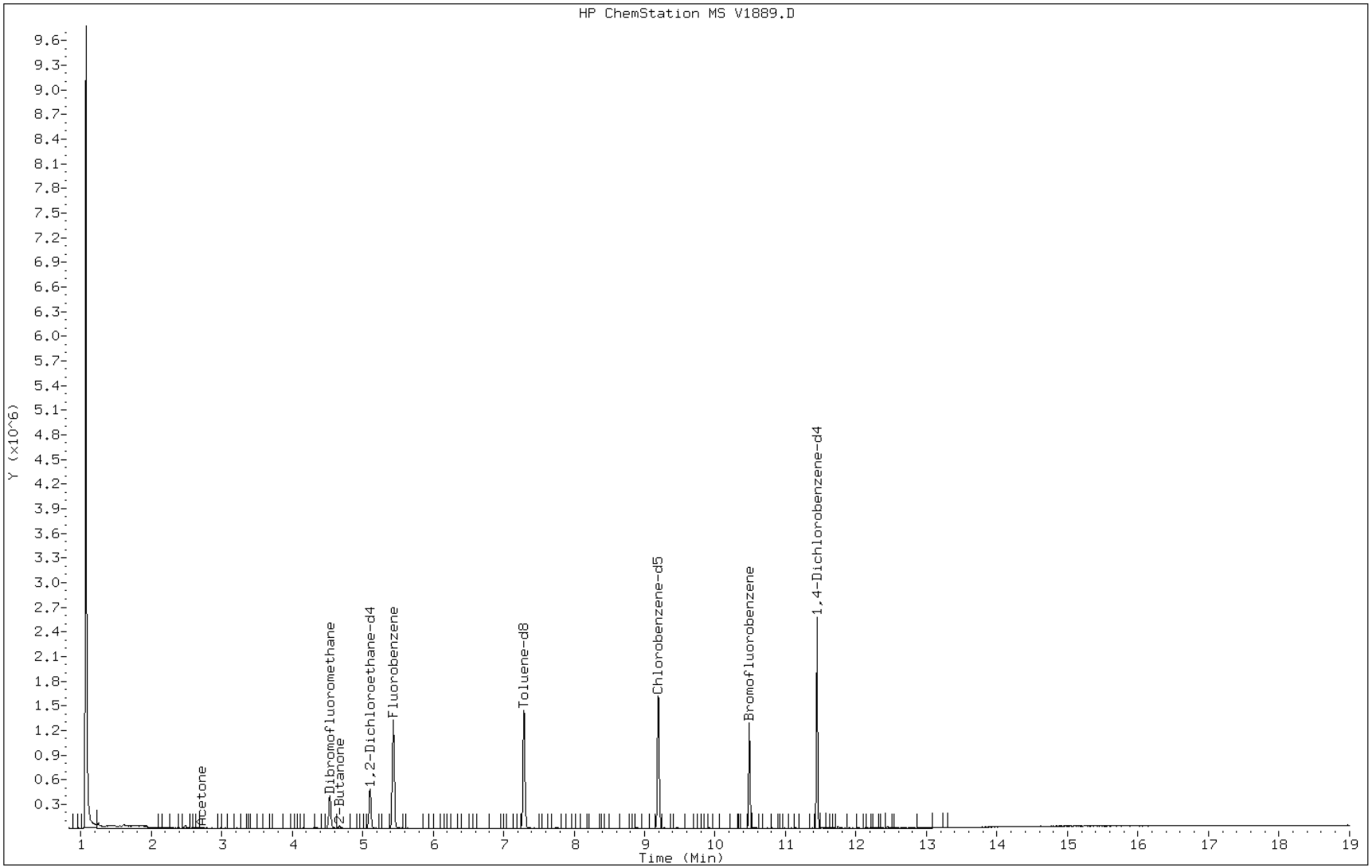
Date: 06-MAY-2010 19:45

Client ID: MW-9F

Instrument: msv.i

Sample Info: 220-12107-d-5

Operator: B.KOSTRZEWSKA



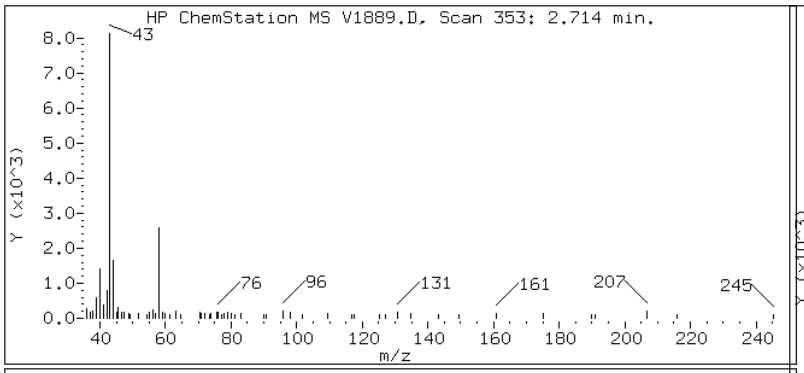
Data File: V1889.D

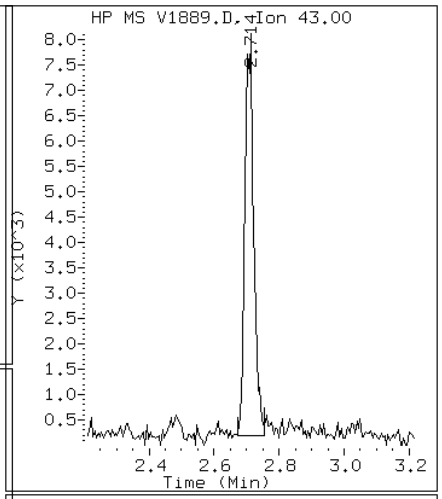
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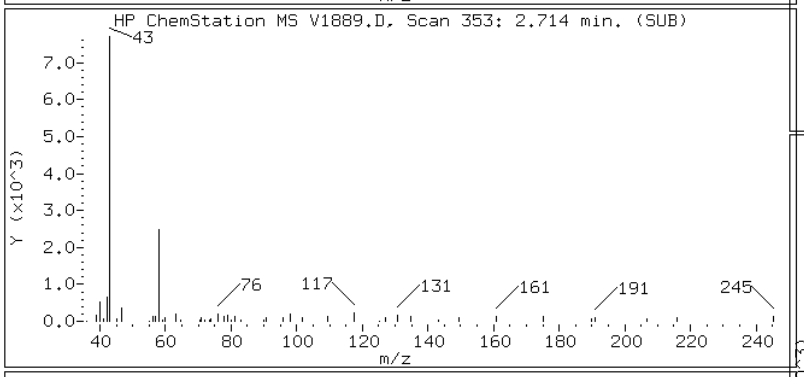
Client ID: MW-9F Instrument: msv.i

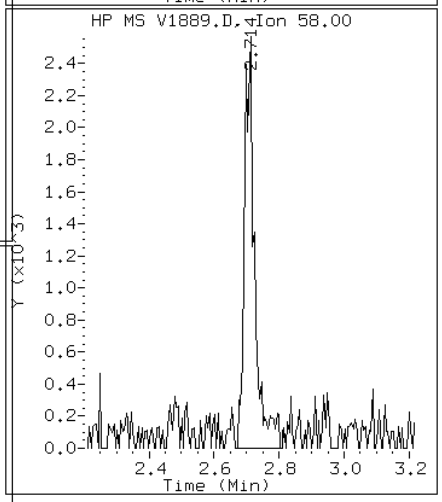
Sample Info: 220-12107-d-5 Operator: B.KOSTRZEWSKA

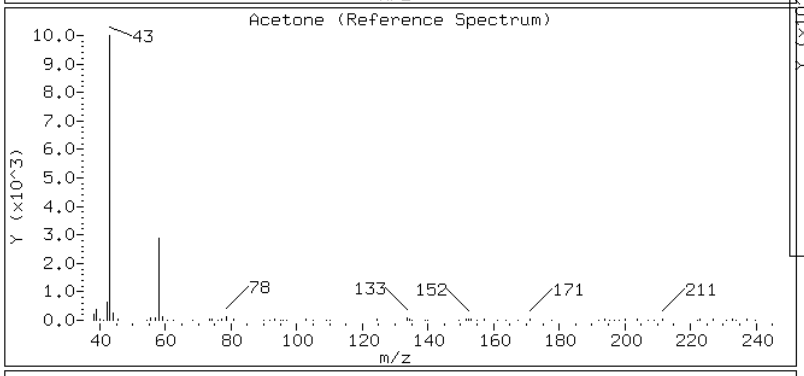
21 Acetone

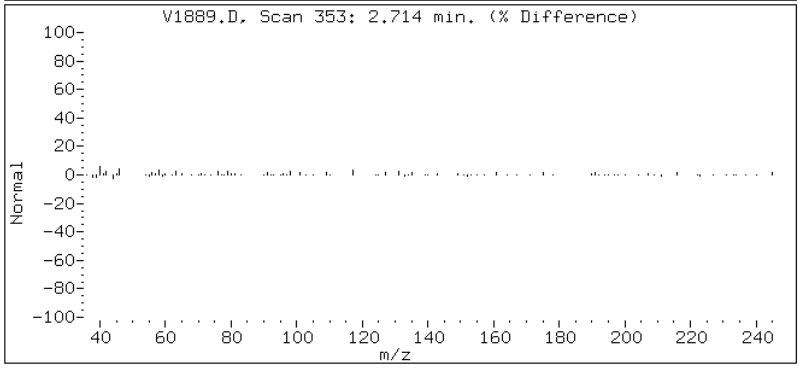












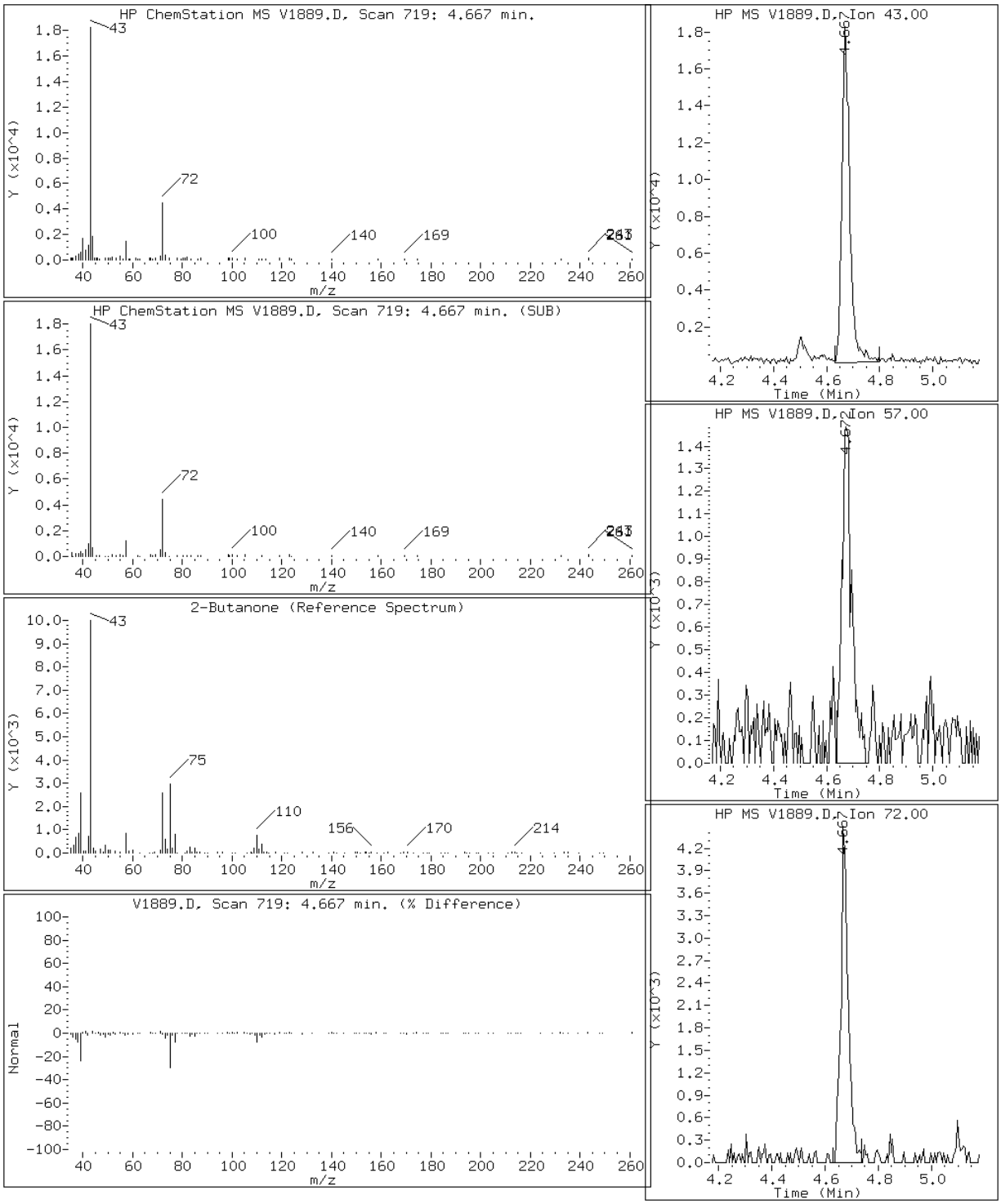
Data File: V1889.D

Date: 06-MAY-2010 19:45

Client ID: MW-9F Instrument: msv.i

Sample Info: 220-12107-d-5 Operator: B.KOSTRZEWSKA

45 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-7 Lab Sample ID: 220-12107-6

Matrix: Water Lab File ID: V1890.D

Analysis Method: 8260B Date Collected: 04/30/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 20:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	3.8	J	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.7	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	1.9	J	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-7 Lab Sample ID: 220-12107-6

Matrix: Water Lab File ID: V1890.D

Analysis Method: 8260B Date Collected: 04/30/2010 12:10

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 20:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	65-136	
460-00-4	4-Bromofluorobenzene	81	51-142	
1868-53-7	Dibromofluoromethane	91	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1890.D
Lab Smp Id: 220-12107-D-6 Client Smp ID: MW-7
Inj Date : 06-MAY-2010 20:13 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-6
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

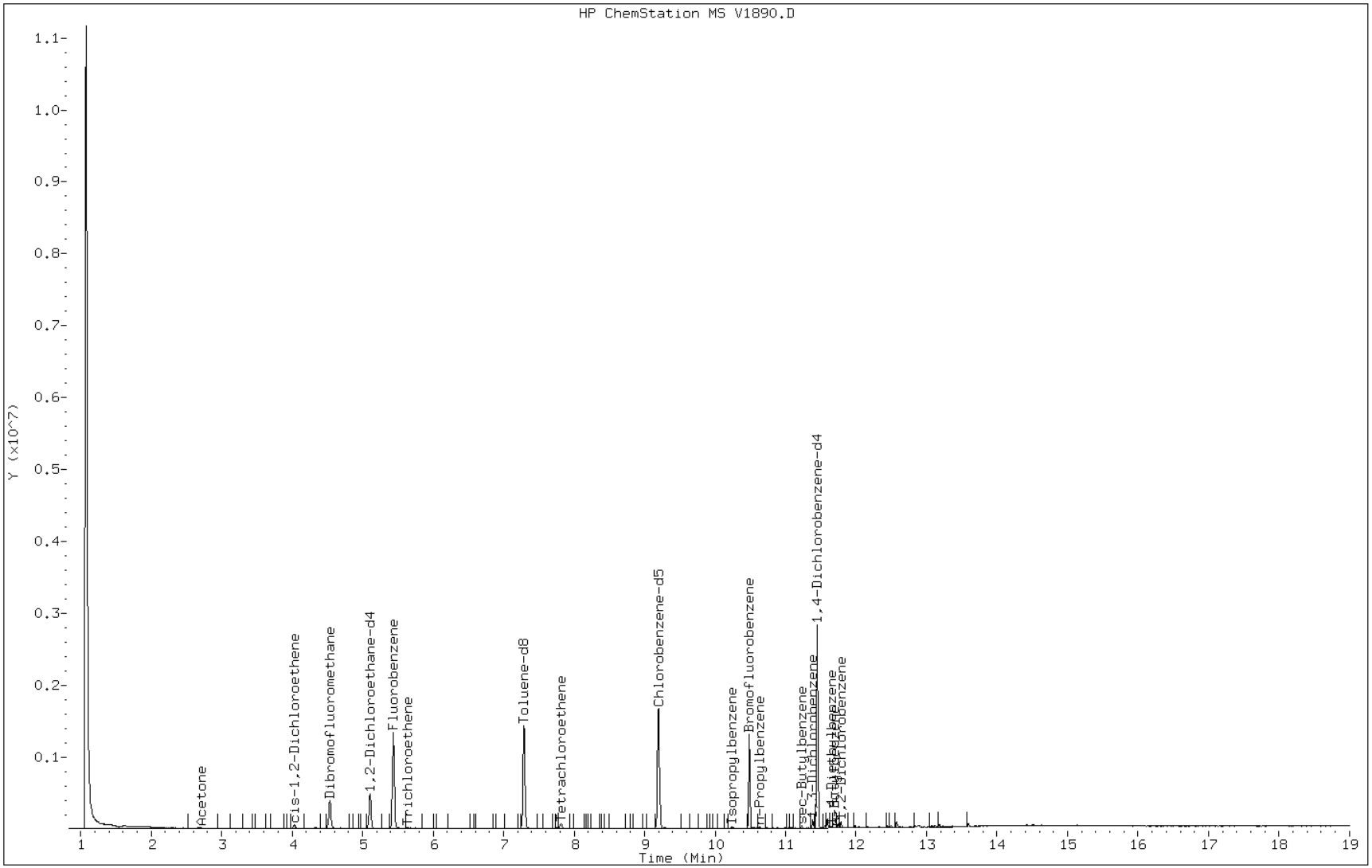
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1	Fluorobenzene	96	5.435	5.440	(1.000)	1225159	25.0000	
	21	Acetone	43	2.708	2.713	(0.498)	7509	0.22418	0.2
	33	cis-1,2-Dichloroethene	96	4.031	4.037	(0.742)	22140	1.86863	2
$	41	Dibromofluoromethane	111	4.538	4.538	(0.835)	255657	22.6455	23
$	55	1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	345136	23.2576	23
	60	Trichloroethene	130	5.632	5.638	(1.036)	2955	0.24482	0.2
*	75	Chlorobenzene-d5	117	9.197	9.198	(1.000)	900726	25.0000	
$	77	Toluene-d8	98	7.287	7.292	(0.792)	1036701	23.0171	23
	80	Tetrachloroethene	164	7.815	7.815	(0.850)	16946	1.70938	2
	88	Chlorobenzene	112	9.213	9.214	(1.002)	126738	3.81891	4
*	95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	503269	25.0000	
	96	Isopropylbenzene	105	10.243	10.244	(0.895)	9381	0.18715	0.2
	102	n-Propylbenzene	91	10.633	10.633	(0.929)	10508	0.17142	0.2
	108	sec-Butylbenzene	105	11.236	11.231	(0.981)	11375	0.21101	0.2
	110	1,3-Dichlorobenzene	146	11.385	11.386	(0.994)	34587	1.29842	1
	111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	212943	7.74105	8
	112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	23372	0.88881	0.9
	114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	5233	0.21006	0.2
	115	n-Butylbenzene	91	11.690	11.690	(1.021)	4835	0.10756	0.1
$	125	Bromofluorobenzene	95	10.484	10.484	(0.916)	357358	20.3557	20
M	126	1,2-Dichloroethene (total)	100				22140	1.86863	2

Data File: V1890.D

Date: 06-MAY-2010 20:13

Client ID: MW-7 Instrument: msv.i

Sample Info: 220-12107-d-6 Operator: B.KOSTRZEWSKA



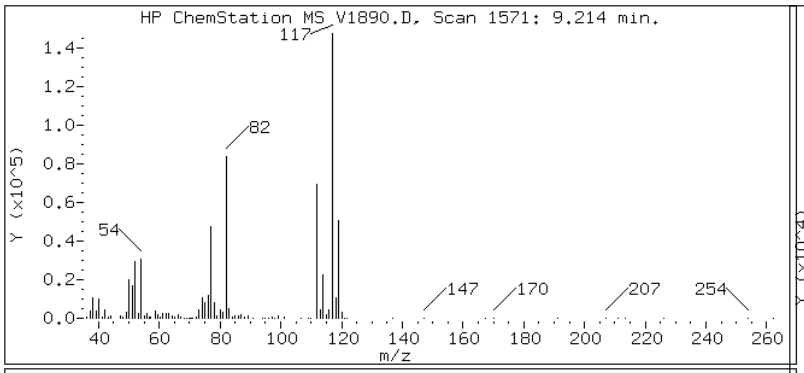
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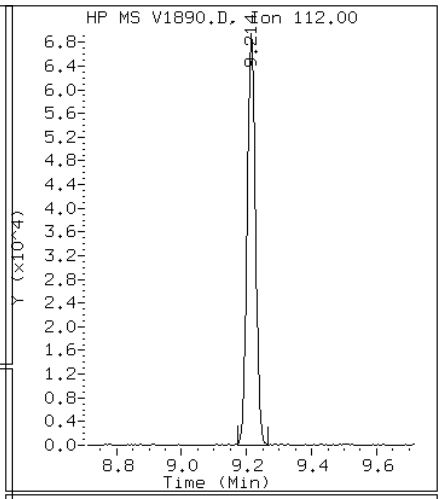
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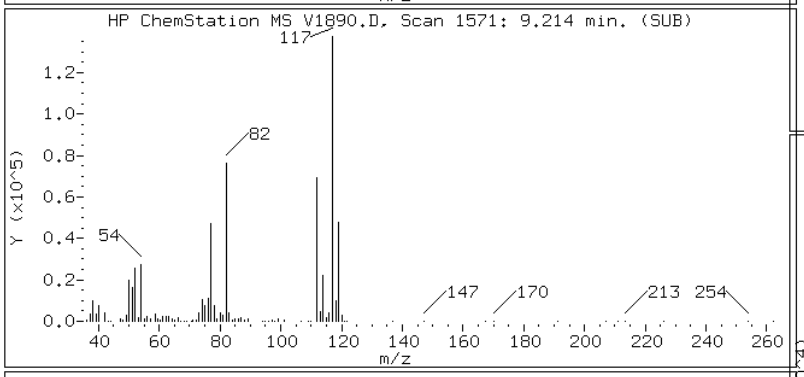
Client ID: MW-7 Instrument: msv.i

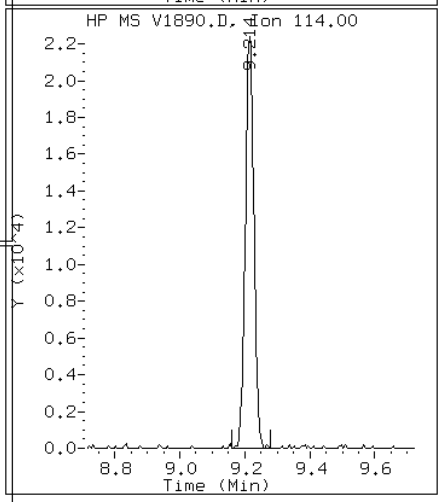
Sample Info: 220-12107-d-6 Operator: B.KOSTRZEWSKA

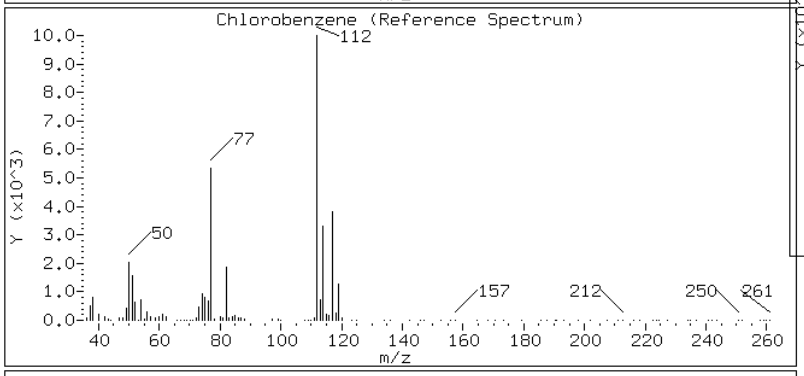
88 Chlorobenzene

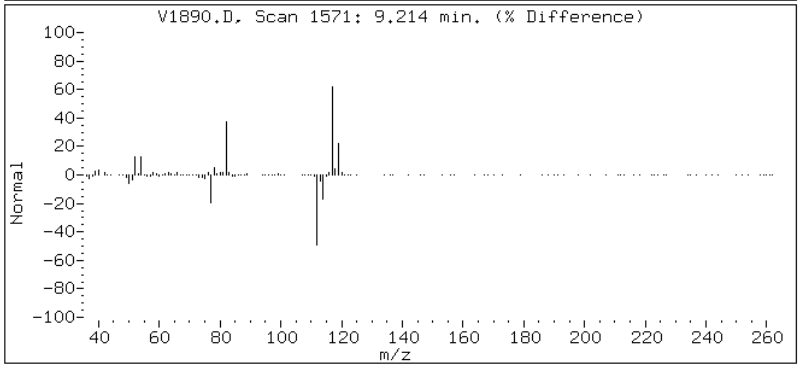












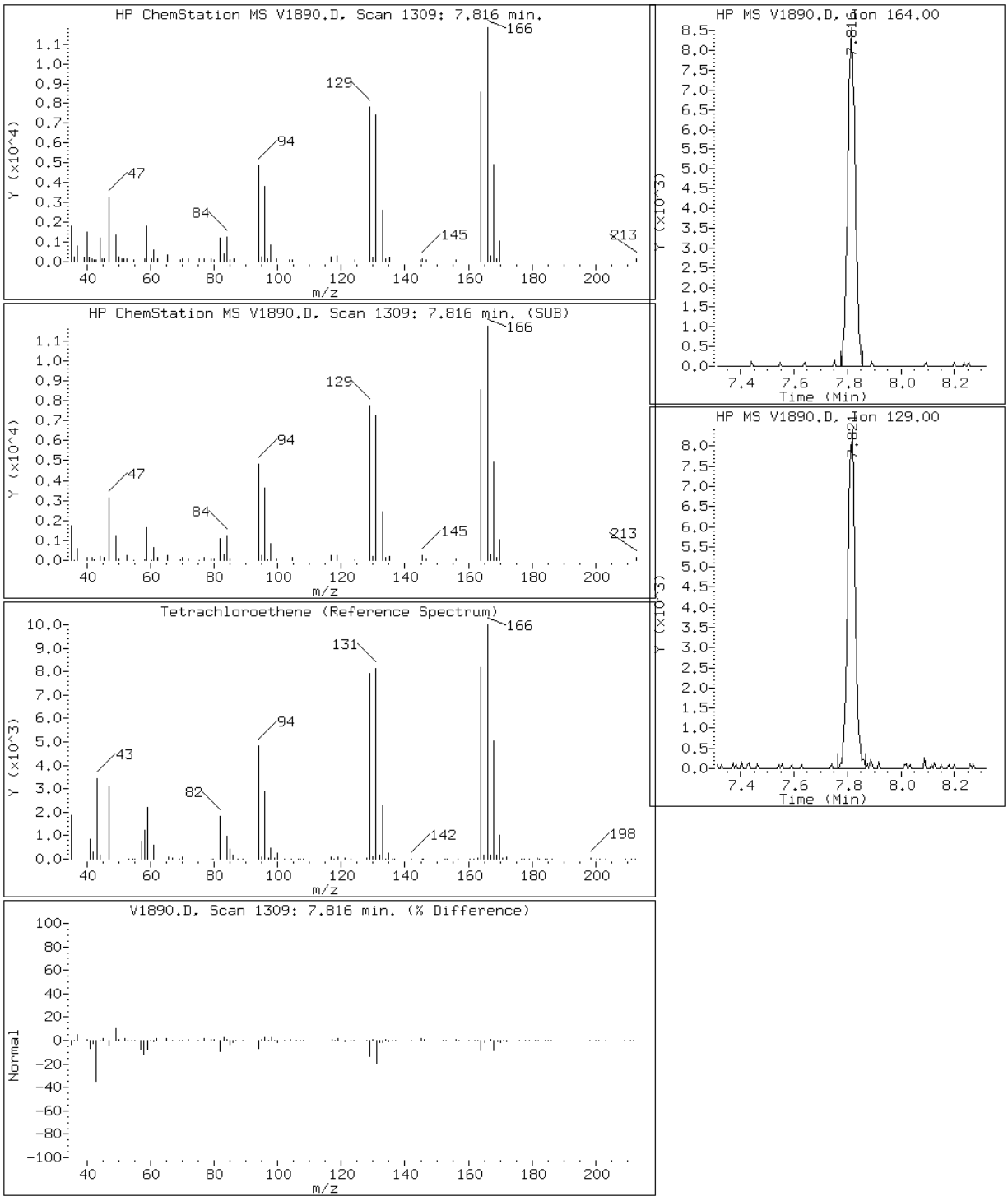
Data File: V1890.D

Date: 06-MAY-2010 20:13

Client ID: MW-7 Instrument: msv.i

Sample Info: 220-12107-d-6 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



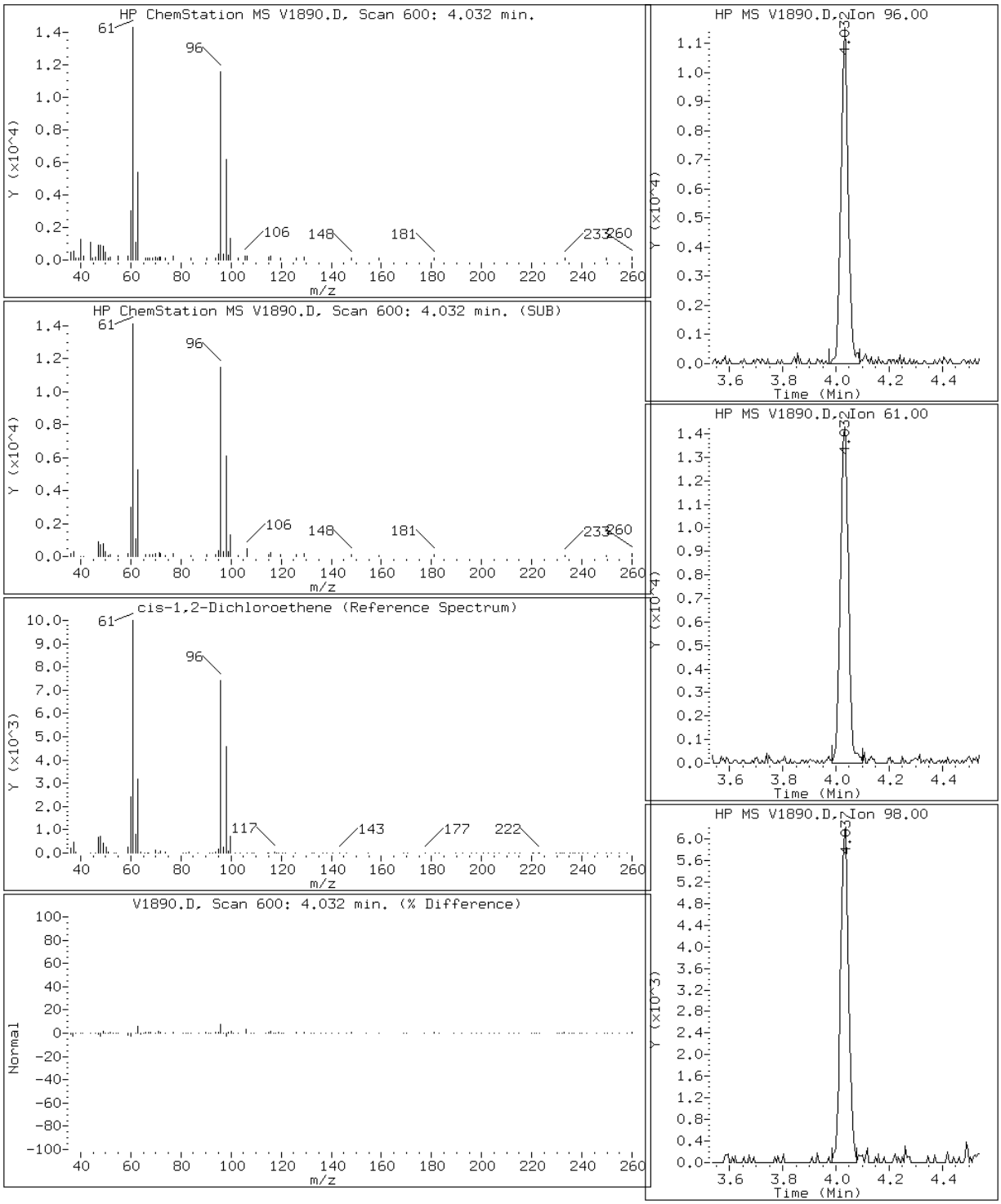
Data File: V1890.D

Date: 06-MAY-2010 20:13

Client ID: MW-7 Instrument: msv.i

Sample Info: 220-12107-d-6 Operator: B.KOSTRZEWSKA

33 cis-1,2-Dichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 220-12107-7

Matrix: Water | Lab File ID: V1880.D

Analysis Method: 8260B | Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 15:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.5	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 Lab Sample ID: 220-12107-7

Matrix: Water Lab File ID: V1880.D

Analysis Method: 8260B Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 15:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	65-136	
460-00-4	4-Bromofluorobenzene	82	51-142	
1868-53-7	Dibromofluoromethane	89	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1880.D
Lab Smp Id: 220-12107-D-7 Client Smp ID: MW-10
Inj Date : 06-MAY-2010 15:40 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-7
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

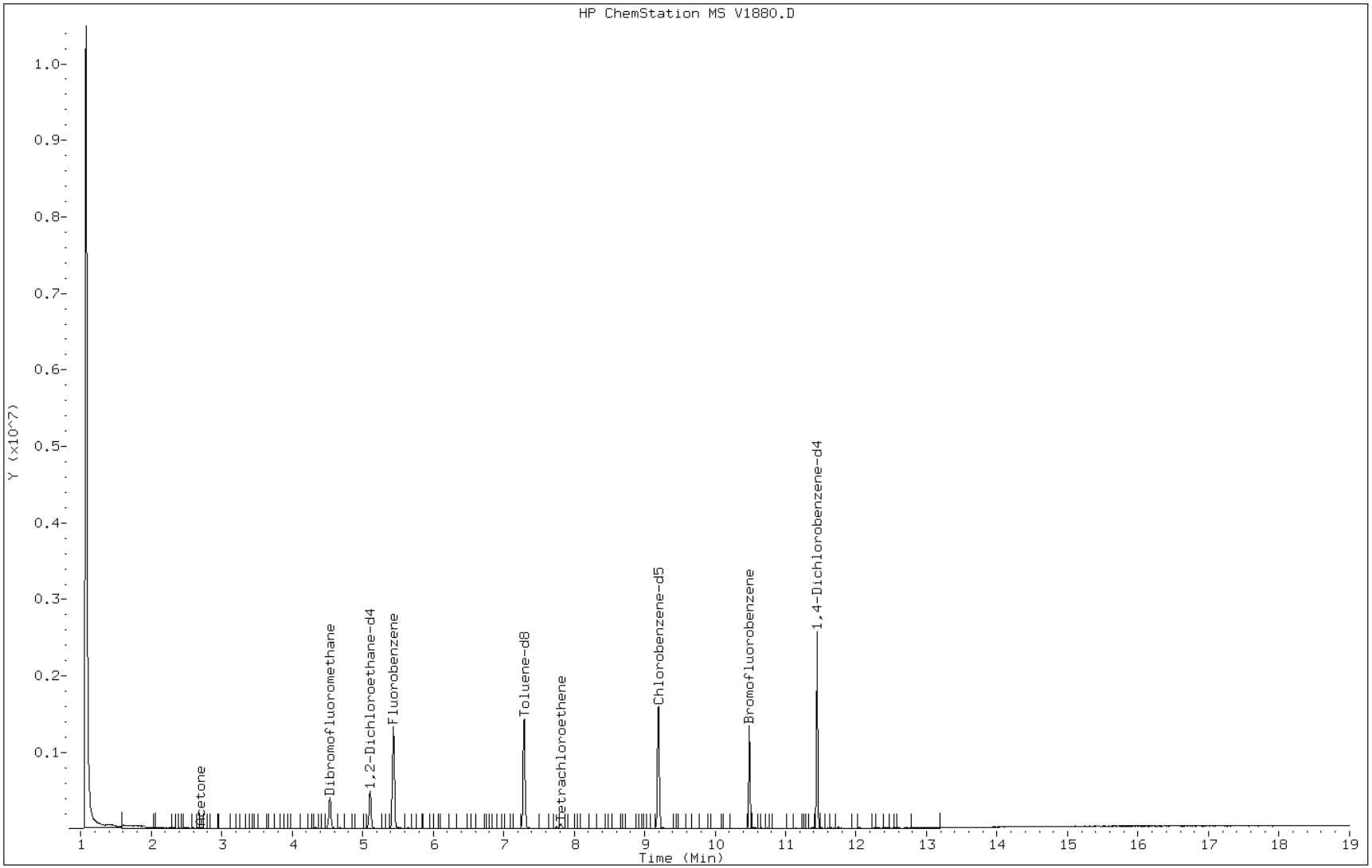
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1227045	25.0000	
	21 Acetone	43	2.708	2.713	(0.498)	6953	0.10983	0.1
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	252758	22.3543	22
	45 2-Butanone	43	4.677	4.672	(0.861)	2630	0.36727	0.4
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	349807	23.5361	24
*	75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	902200	25.0000	
$	77 Toluene-d8	98	7.292	7.292	(0.793)	1052305	23.3254	23
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	14911	1.50165	2
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	501369	25.0000	
$	125 Bromofluorobenzene	95	10.489	10.484	(0.916)	357098	20.4180	20

Data File: V1880.D

Date: 06-MAY-2010 15:40

Client ID: MW-10 Instrument: msv.i

Sample Info: 220-12107-d-7 Operator: B.KOSTRZEWSKA



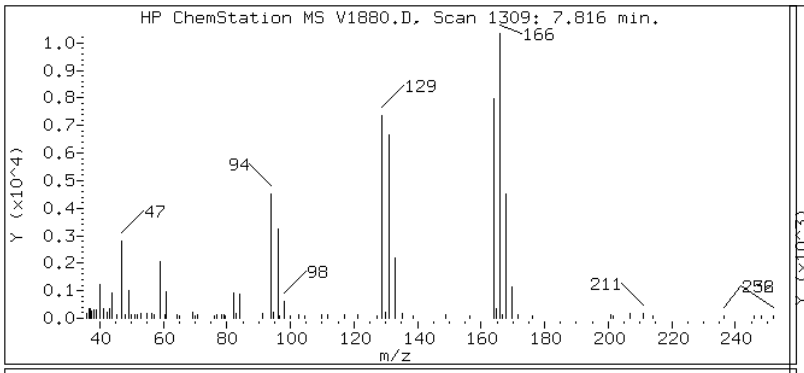
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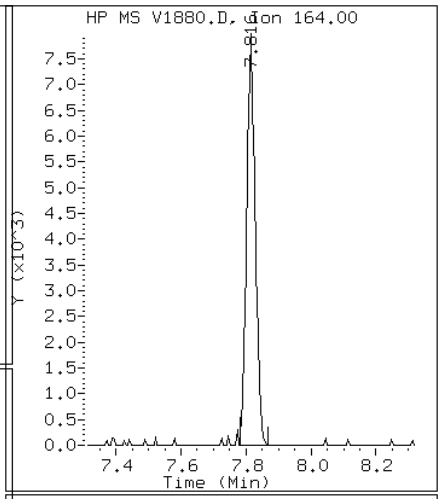
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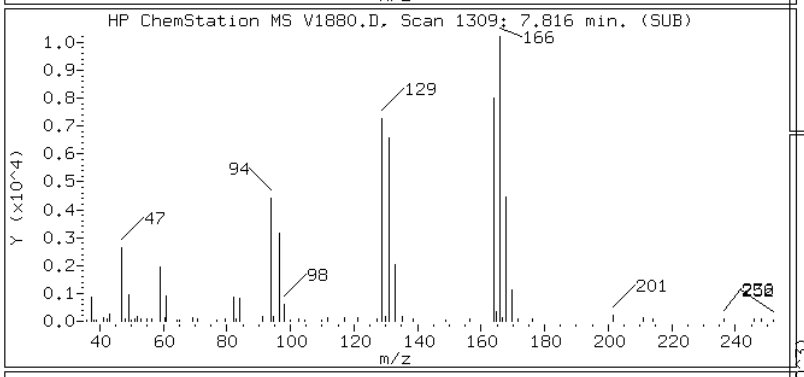
Client ID: MW-10 Instrument: msv.i

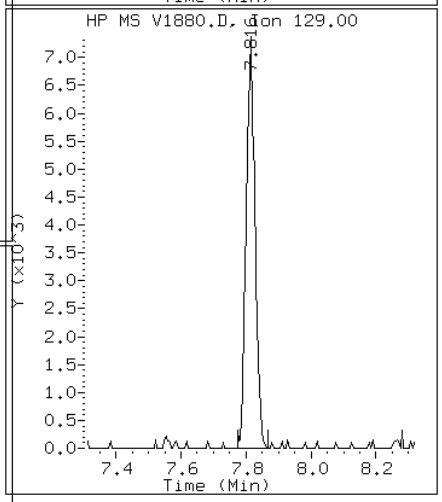
Sample Info: 220-12107-d-7 Operator: B.KOSTRZEWSKA

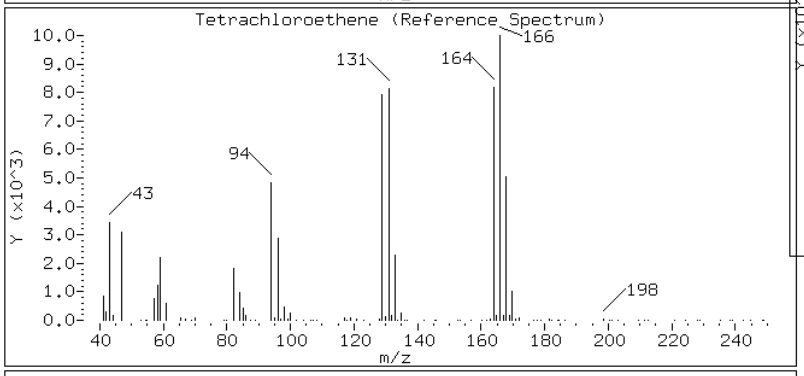
80 Tetrachloroethene

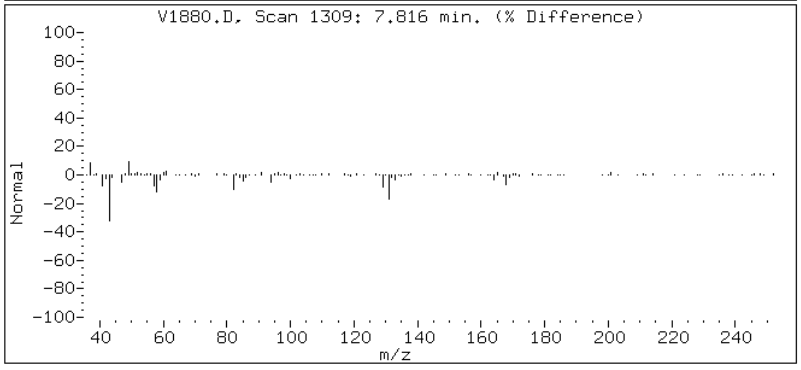












FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-1 Lab Sample ID: 220-12107-8

Matrix: Water Lab File ID: V1893.D

Analysis Method: 8260B Date Collected: 04/30/2010 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 21:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	9.0		5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-1 Lab Sample ID: 220-12107-8

Matrix: Water Lab File ID: V1893.D

Analysis Method: 8260B Date Collected: 04/30/2010 14:15

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 21:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	65-136	
460-00-4	4-Bromofluorobenzene	79	51-142	
1868-53-7	Dibromofluoromethane	89	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1893.D
Lab Smp Id: 220-12107-D-8 Client Smp ID: MW-1
Inj Date : 06-MAY-2010 21:34 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-8
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
*	1	Fluorobenzene	96	5.435	5.440	(1.000)	1210424	25.0000	
	10	Ethanol	45	2.089	2.089	(0.384)	1515	3.35526	3
	33	cis-1,2-Dichloroethene	96	4.031	4.037	(0.742)	7909	0.67565	0.7
$	41	Dibromofluoromethane	111	4.533	4.538	(0.834)	247354	22.1768	22
	45	2-Butanone	43	4.677	4.672	(0.861)	3572	0.50566	0.5
$	55	1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	346856	23.6580	24
	60	Trichloroethene	130	5.638	5.638	(1.037)	4830	0.40504	0.4
*	75	Chlorobenzene-d5	117	9.197	9.198	(1.000)	896932	25.0000	
$	77	Toluene-d8	98	7.287	7.292	(0.792)	1029141	22.9459	23
	80	Tetrachloroethene	164	7.810	7.815	(0.849)	5297	0.53658	0.5(M)
	88	Chlorobenzene	112	9.213	9.214	(1.002)	298183	9.02295	9
	90	Ethylbenzene	106	9.283	9.288	(1.009)	3558	0.19278	0.2(M)
*	95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	496605	25.0000	
	96	Isopropylbenzene	105	10.244	10.244	(0.895)	6327	0.12792	0.1
	99	4-Ethyltoluene	105	10.735	10.740	(0.938)	5207	0.10130	0.1
	102	n-Propylbenzene	91	10.633	10.633	(0.929)	14076	0.23271	0.2
	110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	13267	0.50473	0.5
	111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	128481	4.73331	5
	112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	94526	3.64294	4
$	125	Bromofluorobenzene	95	10.484	10.484	(0.916)	343156	19.8090	20
M	126	1,2-Dichloroethene (total)	100				7909	0.67565	0.7

QC Flag Legend

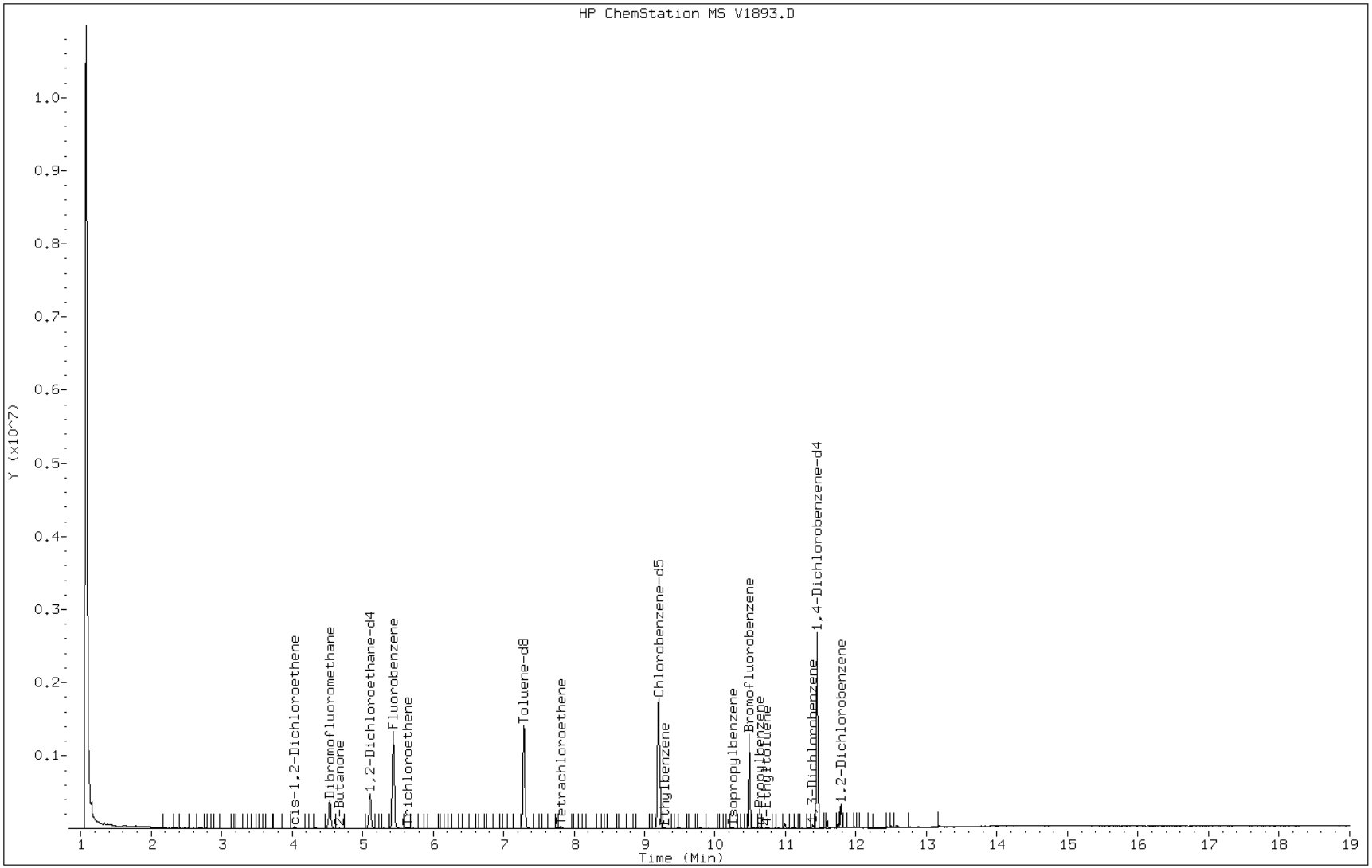
M - Compound response manually integrated.

Data File: V1893.D

Date: 06-MAY-2010 21:34

Client ID: MW-1 Instrument: msv.i

Sample Info: 220-12107-d-8 Operator: B.KOSTRZEWSKA



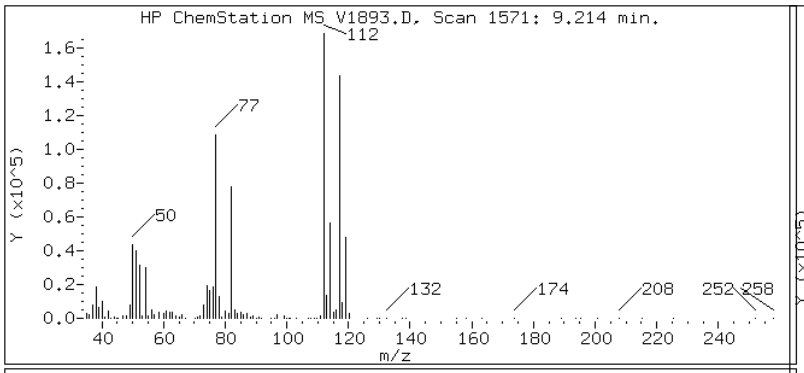
Data File: V1893.D

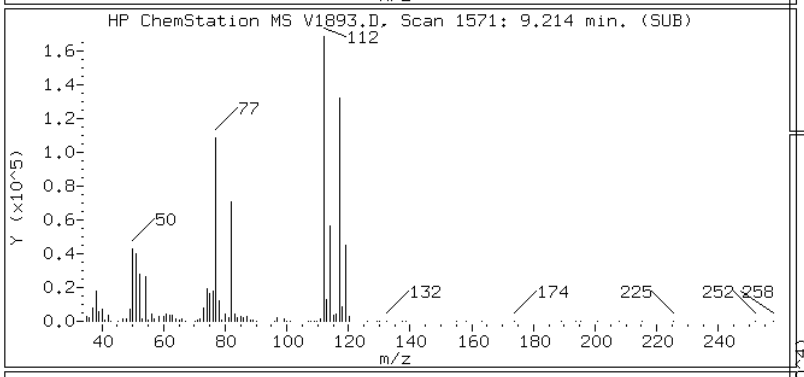
Date: 06-MAY-2010 21:34

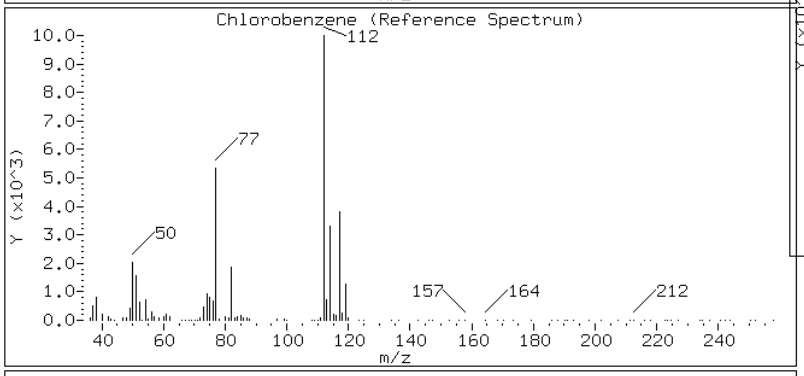
Client ID: MW-1 Instrument: msv.i

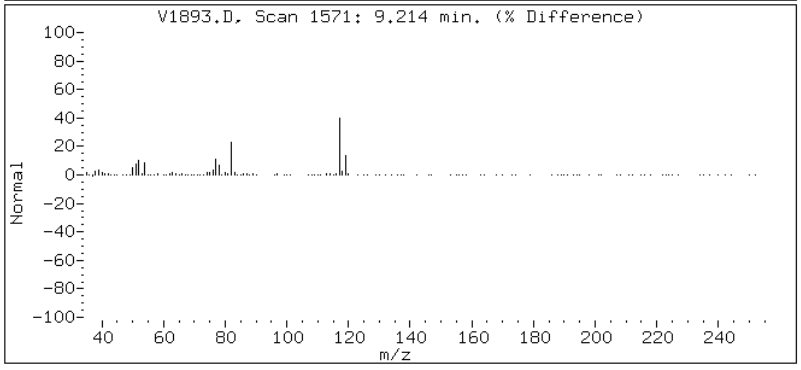
Sample Info: 220-12107-d-8 Operator: B.KOSTRZEWSKA

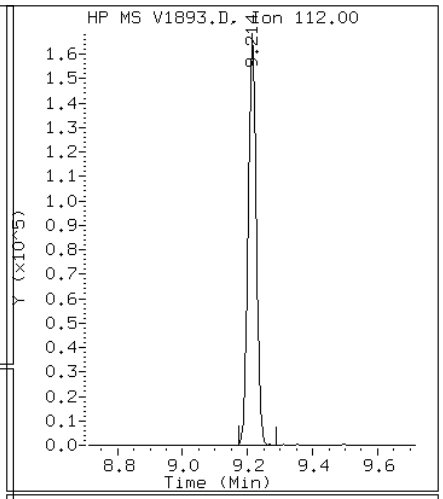
88 Chlorobenzene

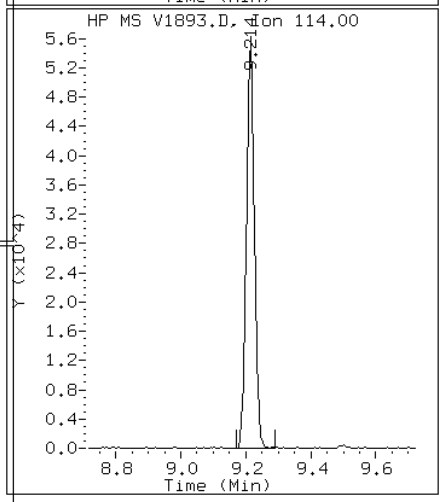












Manual Integration Report

Data File: V1893.D
Inj. Date and Time: 06-MAY-2010 21:34
Instrument ID: msv.i
Client ID: MW-1
Compound: 90 Ethylbenzene
CAS #: 100-41-4
Report Date: 05/07/2010

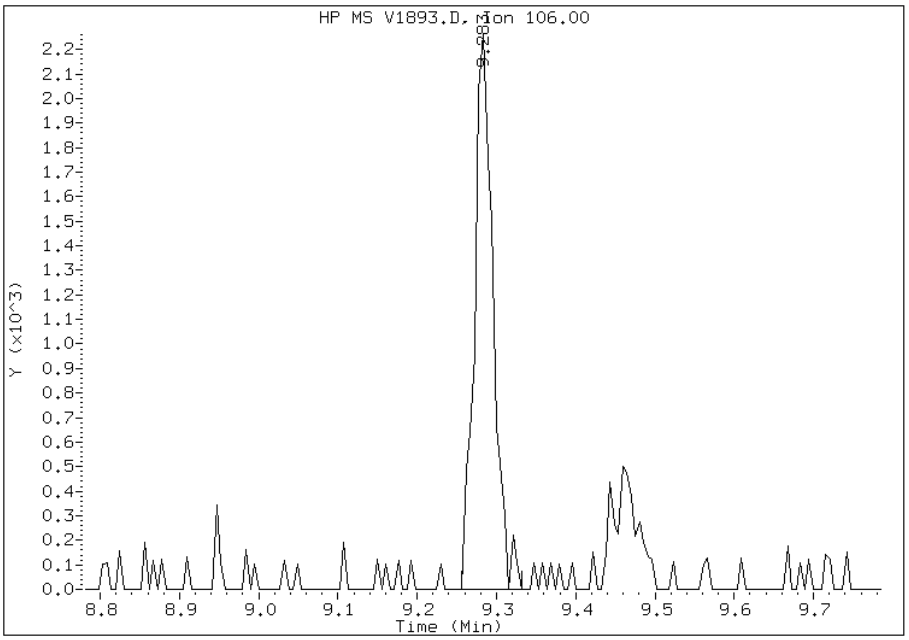
Processing Integration Results

RT: 9.28

Response: 3663

Amount: 0

Conc: 0



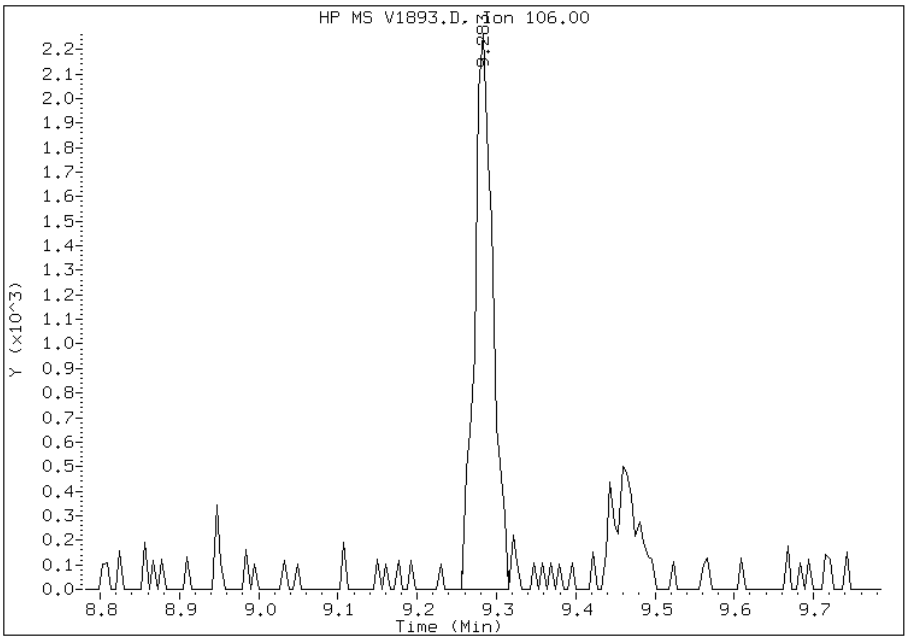
Manual Integration Results

RT: 9.28

Response: 3558

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1893.D
Inj. Date and Time: 06-MAY-2010 21:34
Instrument ID: msv.i
Client ID: MW-1
Compound: 80 Tetrachloroethene
CAS #: 127-18-4
Report Date: 05/07/2010

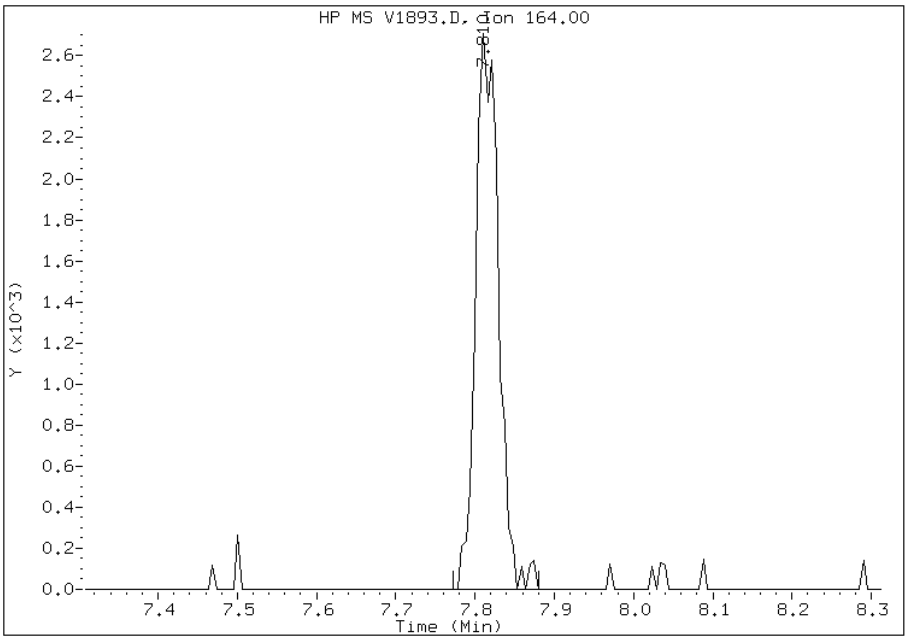
Processing Integration Results

RT: 7.81

Response: 5418

Amount: 1

Conc: 1



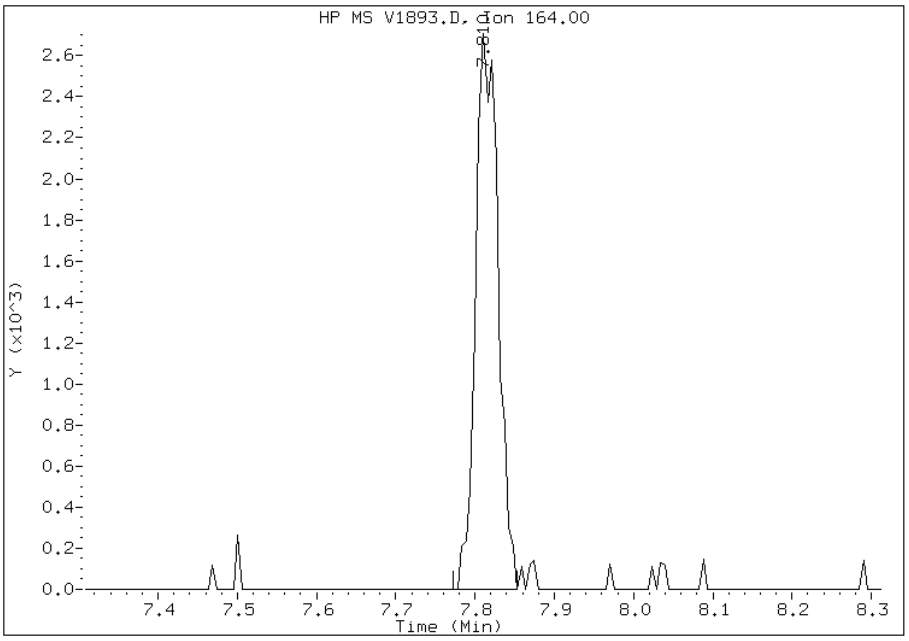
Manual Integration Results

RT: 7.81

Response: 5297

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 220-12107-9

Matrix: Water | Lab File ID: V1915.D

Analysis Method: 8260B | Date Collected: 04/30/2010 14:45

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38258 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.1	J B	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	4.1	J	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-2 Lab Sample ID: 220-12107-9

Matrix: Water Lab File ID: V1915.D

Analysis Method: 8260B Date Collected: 04/30/2010 14:45

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 12:33

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38258 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	65-136	
460-00-4	4-Bromofluorobenzene	80	51-142	
1868-53-7	Dibromofluoromethane	91	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V1915.D
Lab Smp Id: 220-12107-D-9 Client Smp ID: MW-2
Inj Date : 07-MAY-2010 12:33 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-9
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V8260LOW.m
Meth Date : 07-May-2010 10:01 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
*	1 Fluorobenzene	96	5.435	5.435	(1.000)	1110384	25.0000	
	21 Acetone	43	2.713	2.708	(0.499)	10685	1.08787	1(M)
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.742)	4535	0.42232	0.4
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	234039	22.8735	23
	45 2-Butanone	43	4.672	4.666	(0.860)	4901	0.75631	0.8(M)
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	319943	23.7884	24
	60 Trichloroethene	130	5.632	5.638	(1.036)	1526	0.13950	0.1
*	75 Chlorobenzene-d5	117	9.192	9.192	(1.000)	823165	25.0000	
$	77 Toluene-d8	98	7.287	7.287	(0.793)	948806	23.0505	23
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	5312	0.58632	0.6
	88 Chlorobenzene	112	9.213	9.213	(1.002)	124257	4.09694	4
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	454341	25.0000	
	112 1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	23128	0.97424	1.0
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	316830	19.9906	20
M	126 1,2-Dichloroethene (total)	100				4535	0.42232	0.4

QC Flag Legend

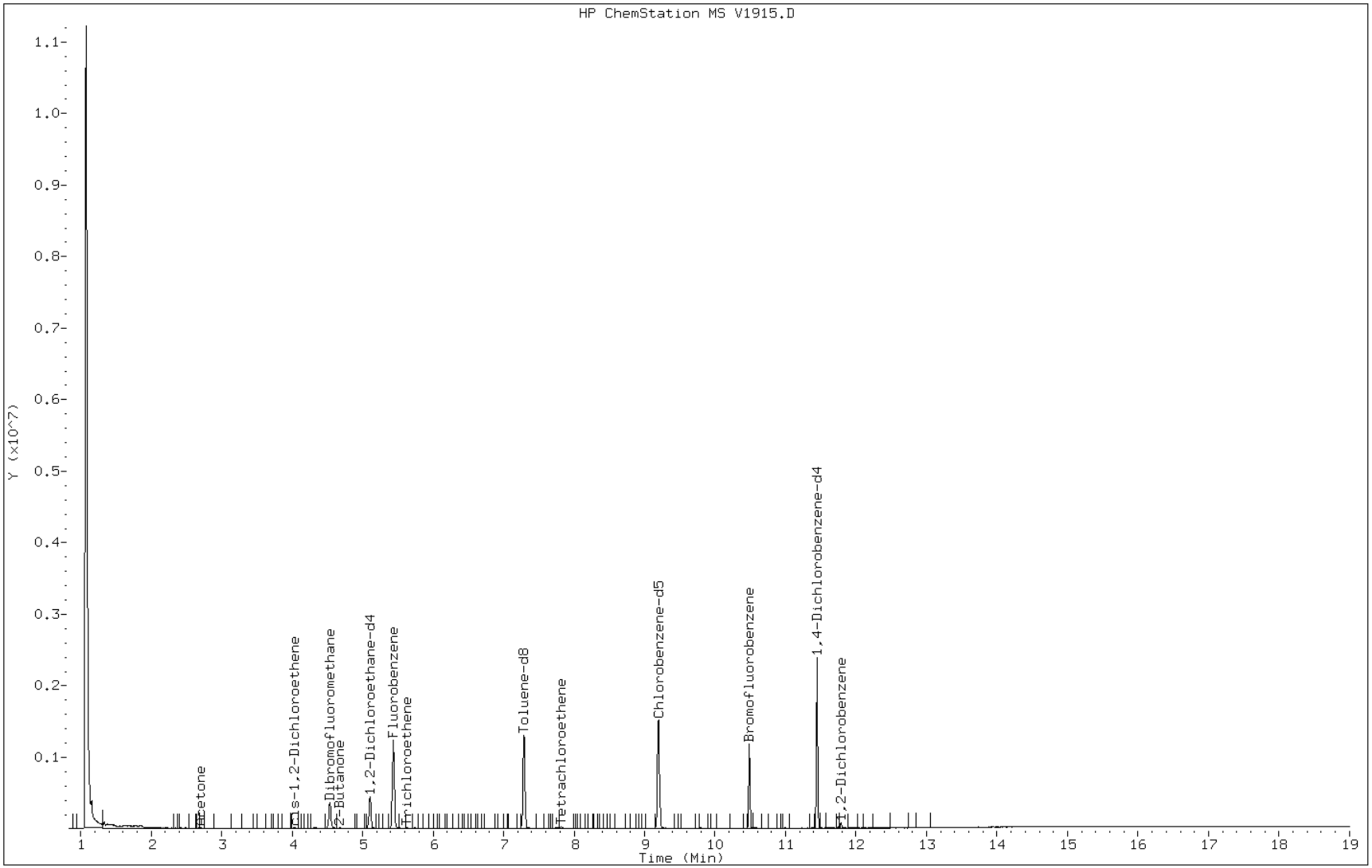
M - Compound response manually integrated.

Data File: V1915.D

Date: 07-MAY-2010 12:33

Client ID: MW-2 Instrument: msv.i

Sample Info: 220-12107-d-9 Operator: B.KOSTRZEWSKA



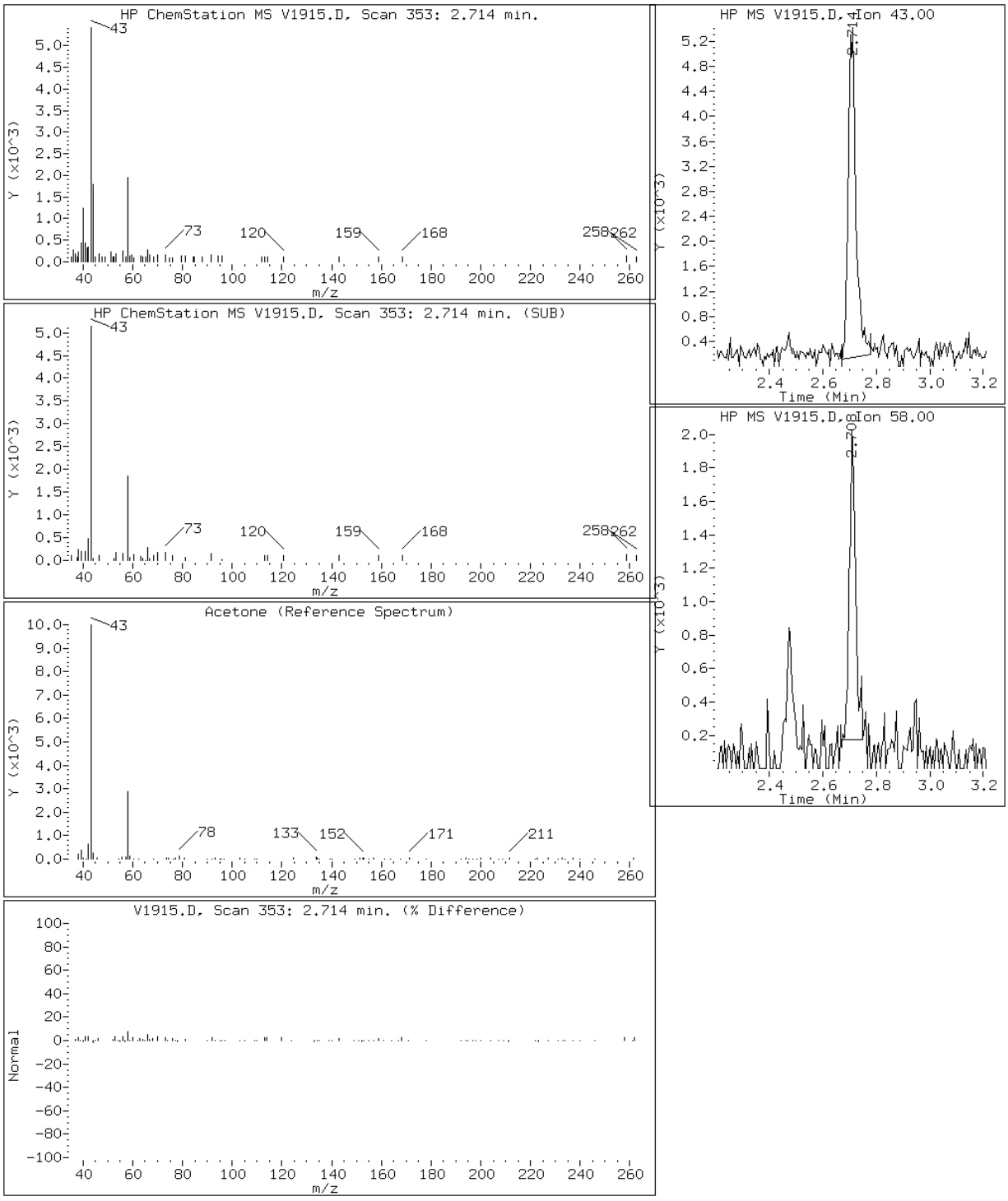
Data File: V1915.D

Date: 07-MAY-2010 12:33

Client ID: MW-2 Instrument: msv.i

Sample Info: 220-12107-d-9 Operator: B.KOSTRZEWSKA

21 Acetone



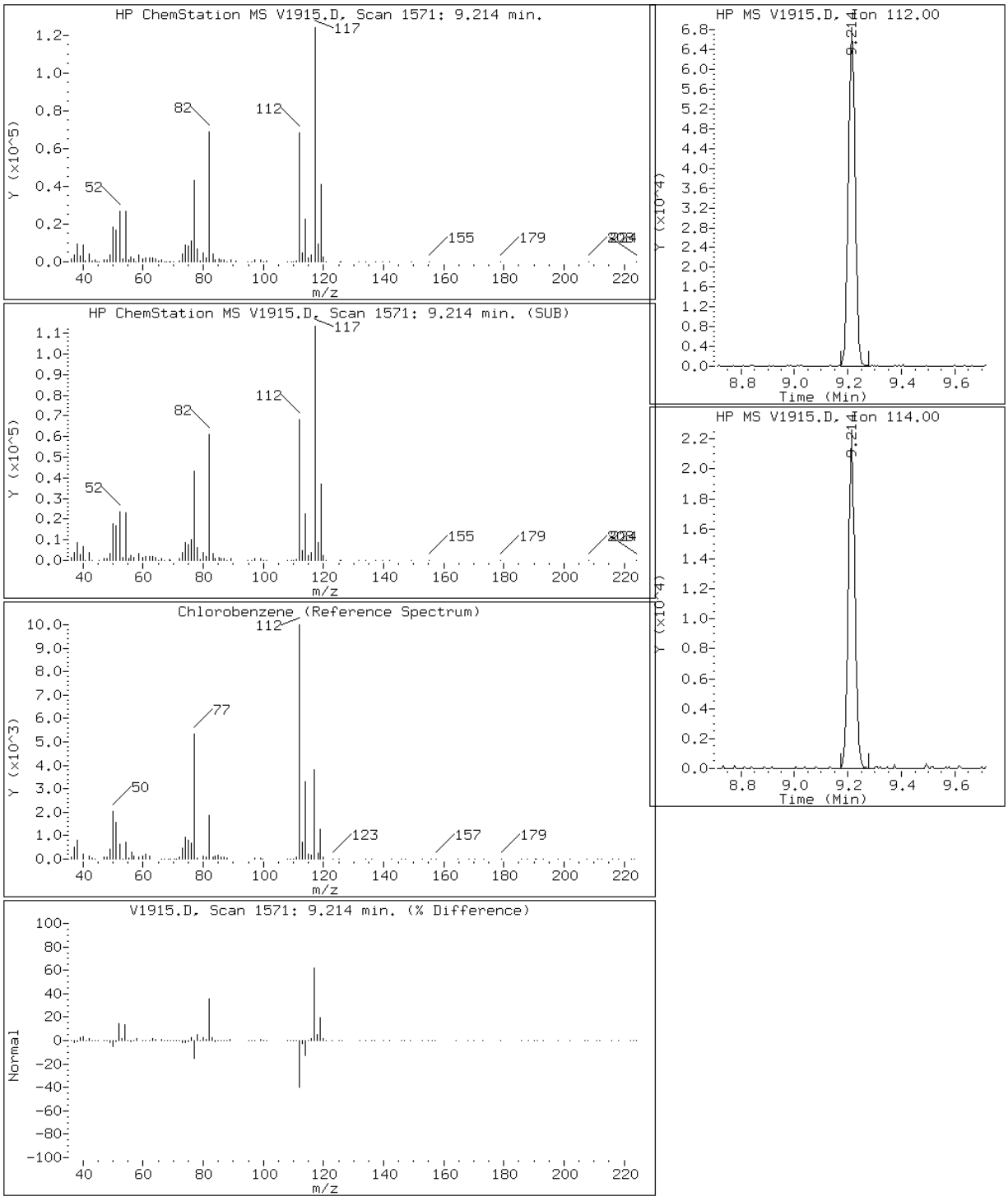
Data File: V1915.D

Date: 07-MAY-2010 12:33

Client ID: MW-2 Instrument: msv.i

Sample Info: 220-12107-d-9 Operator: B.KOSTRZEWSKA

88 Chlorobenzene



Manual Integration Report

Data File: V1915.D
Inj. Date and Time: 07-MAY-2010 12:33
Instrument ID: msv.i
Client ID: MW-2
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 05/07/2010

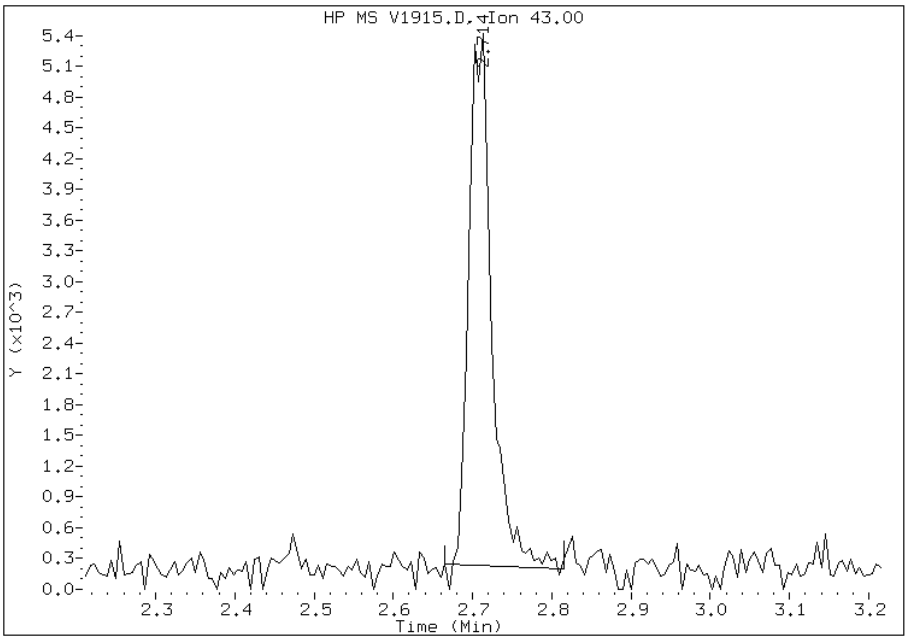
Processing Integration Results

RT: 2.71

Response: 10338

Amount: 1

Conc: 1



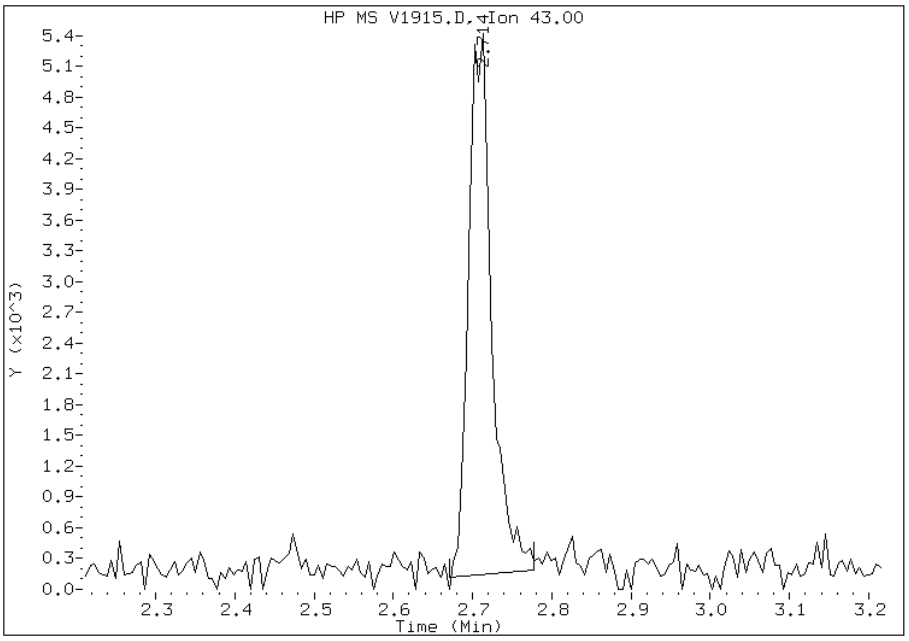
Manual Integration Results

RT: 2.71

Response: 10685

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1915.D
Inj. Date and Time: 07-MAY-2010 12:33
Instrument ID: msv.i
Client ID: MW-2
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 05/07/2010

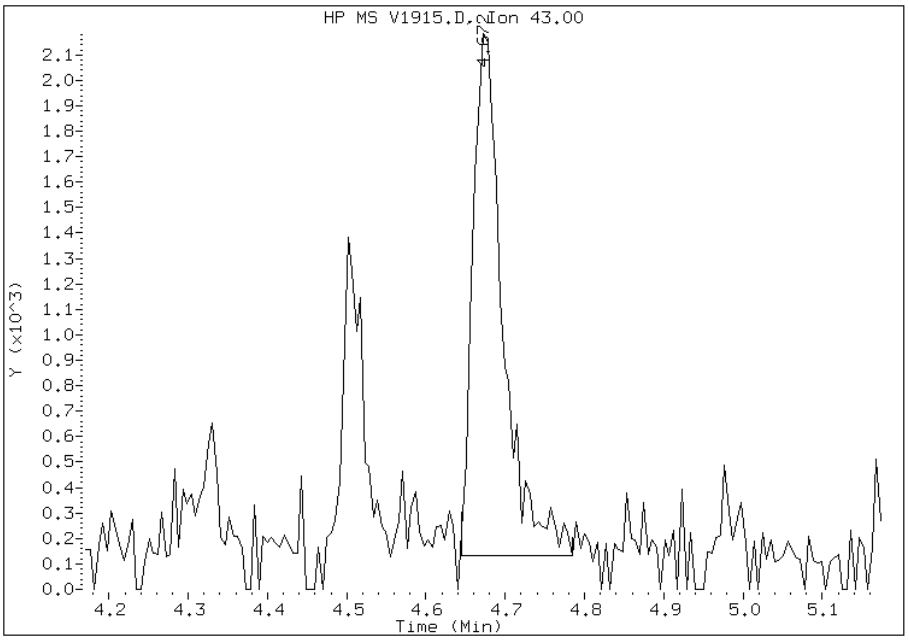
Processing Integration Results

RT: 4.67

Response: 5395

Amount: 1

Conc: 1



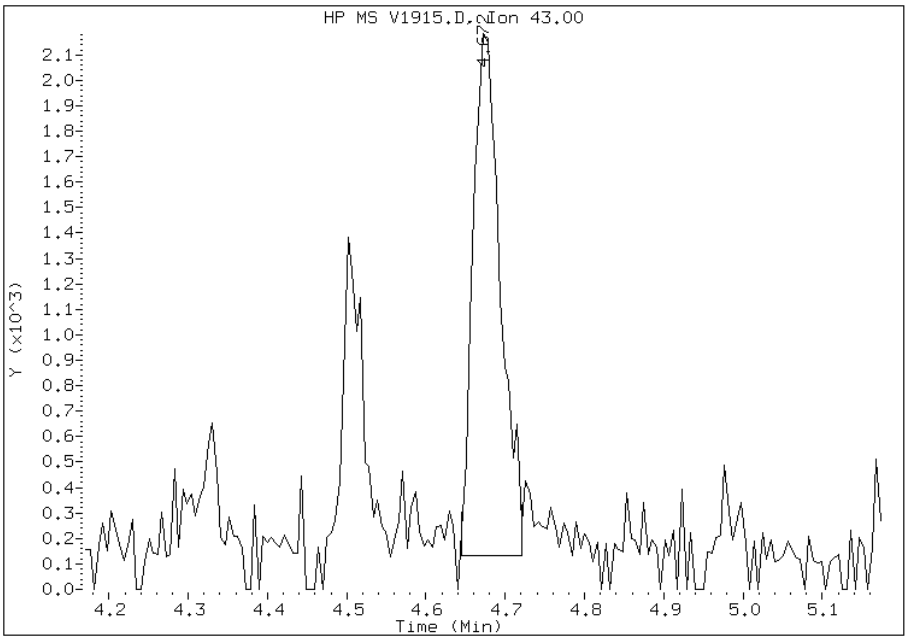
Manual Integration Results

RT: 4.67

Response: 4901

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 220-12107-10

Matrix: Water Lab File ID: V1891.D

Analysis Method: 8260B Date Collected: 04/30/2010 15:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 20:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	7.1		5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	1.3	J	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-3 Lab Sample ID: 220-12107-10

Matrix: Water Lab File ID: V1891.D

Analysis Method: 8260B Date Collected: 04/30/2010 15:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 20:40

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	65-136	
460-00-4	4-Bromofluorobenzene	80	51-142	
1868-53-7	Dibromofluoromethane	88	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1891.D
Lab Smp Id: 220-12107-D-10 Client Smp ID: MW-3
Inj Date : 06-MAY-2010 20:40 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-10
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.440	(1.000)	1213424	25.0000	
	21 Acetone	43	2.708	2.713	(0.498)	7704	0.27856	0.3(M)
	33 cis-1,2-Dichloroethene	96	4.031	4.037	(0.742)	5751	0.49008	0.5
$	41 Dibromofluoromethane	111	4.538	4.538	(0.835)	246331	22.0305	22
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	346574	23.5803	24
	60 Trichloroethene	130	5.638	5.638	(1.037)	3291	0.27530	0.3
*	75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	902663	25.0000	
$	77 Toluene-d8	98	7.287	7.292	(0.793)	1032775	22.8807	23
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	12893	1.29776	1
	88 Chlorobenzene	112	9.213	9.214	(1.002)	237659	7.14585	7
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	501165	25.0000	
	112 1,2-Dichlorobenzene	146	11.791	11.786	(1.030)	6590	0.25166	0.2
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	347489	19.8766	20
M	126 1,2-Dichloroethene (total)	100				5751	0.49008	0.5

QC Flag Legend

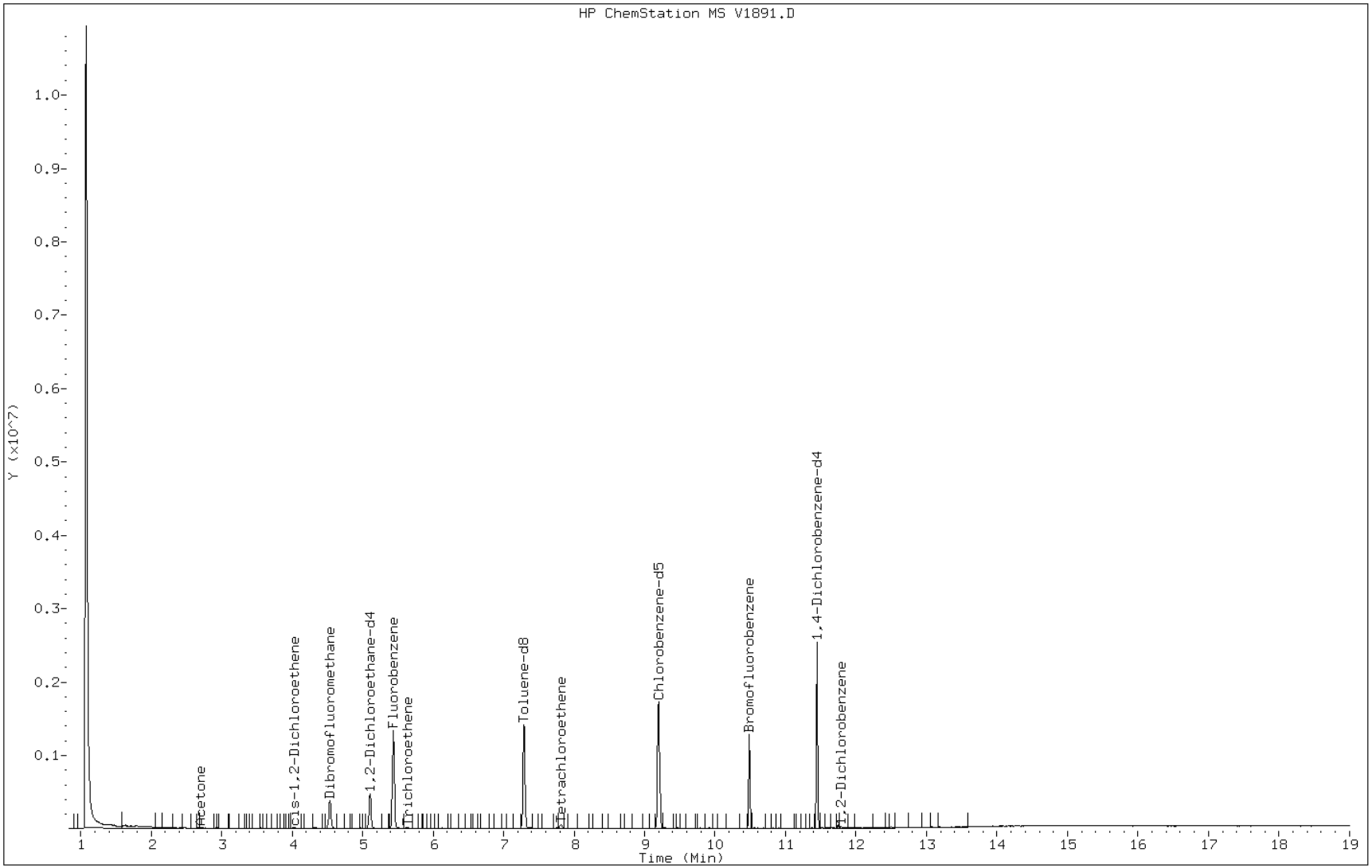
M - Compound response manually integrated.

Data File: V1891.D

Date: 06-MAY-2010 20:40

Client ID: MW-3 Instrument: msv.i

Sample Info: 220-12107-d-10 Operator: B.KOSTRZEWSKA



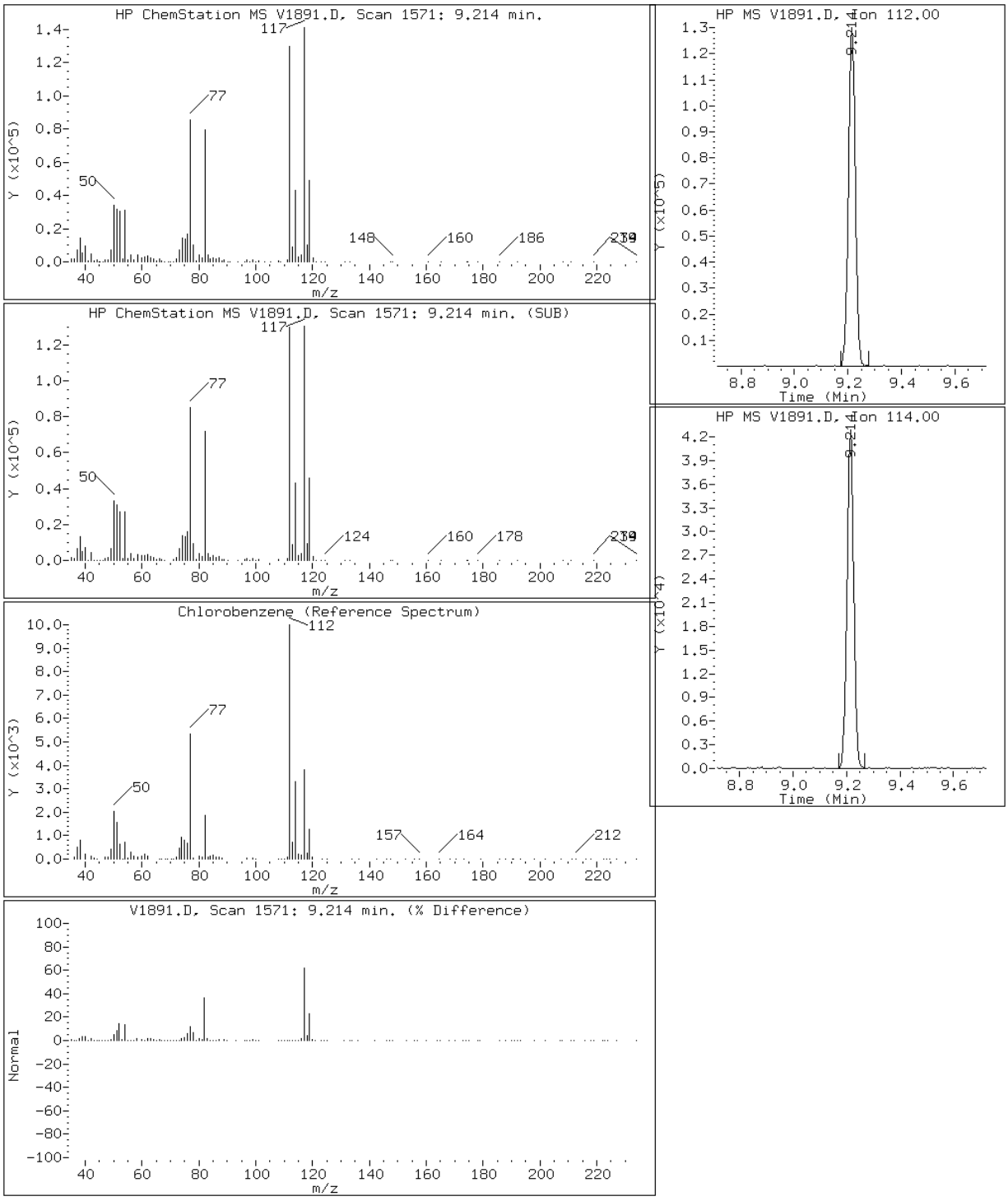
Data File: V1891.D

Date: 06-MAY-2010 20:40

Client ID: MW-3 Instrument: msv.i

Sample Info: 220-12107-d-10 Operator: B.KOSTRZEWSKA

88 Chlorobenzene



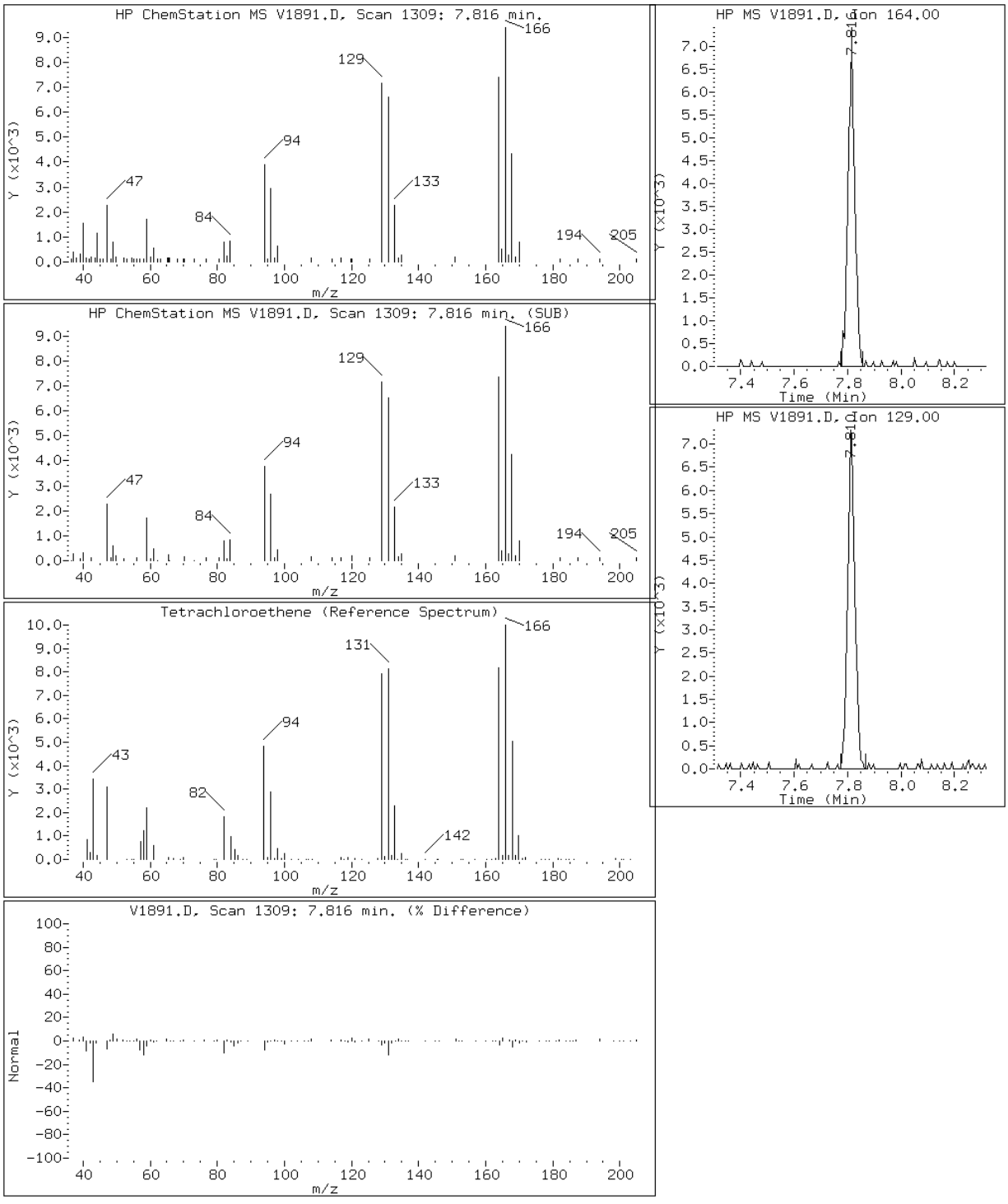
Data File: V1891.D

Date: 06-MAY-2010 20:40

Client ID: MW-3 Instrument: msv.i

Sample Info: 220-12107-d-10 Operator: B.KOSTRZEWSKA

80 Tetrachloroethene



Manual Integration Report

Data File: V1891.D
Inj. Date and Time: 06-MAY-2010 20:40
Instrument ID: msv.i
Client ID: MW-3
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 05/07/2010

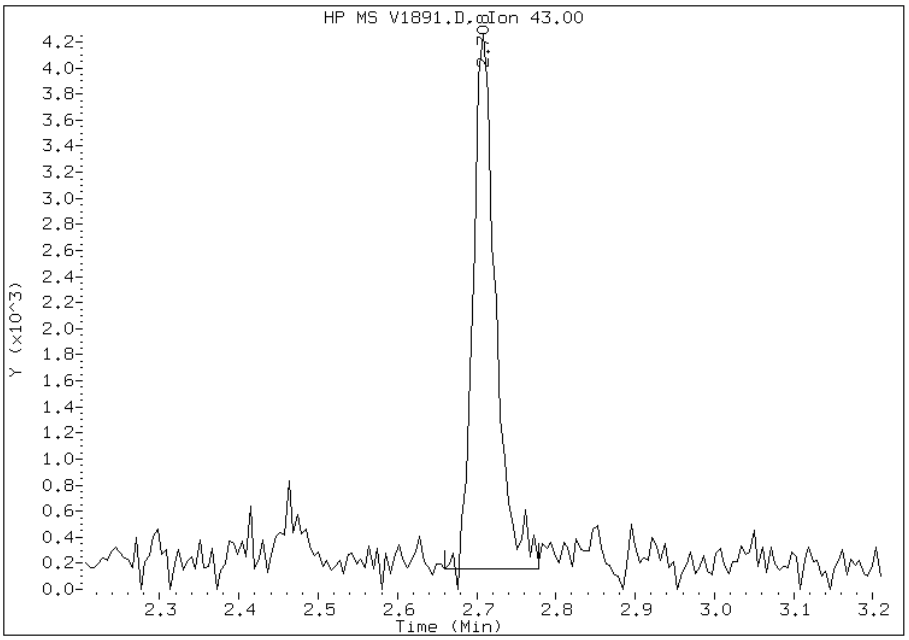
Processing Integration Results

RT: 2.71

Response: 8048

Amount: 0

Conc: 0



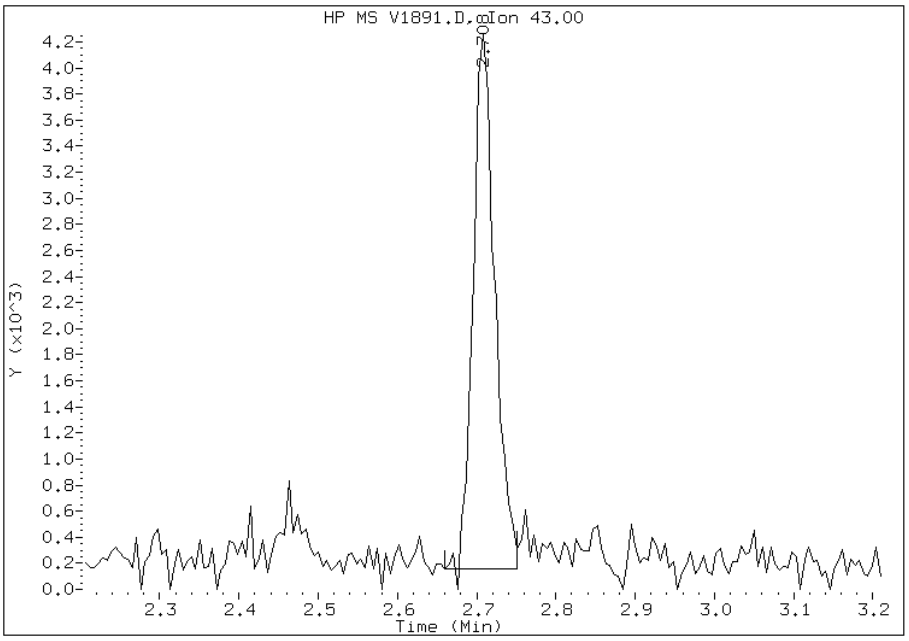
Manual Integration Results

RT: 2.71

Response: 7704

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-4 Lab Sample ID: 220-12107-11

Matrix: Water Lab File ID: V1892.D

Analysis Method: 8260B Date Collected: 04/30/2010 15:40

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-4 Lab Sample ID: 220-12107-11

Matrix: Water Lab File ID: V1892.D

Analysis Method: 8260B Date Collected: 04/30/2010 15:40

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 21:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96	65-136	
460-00-4	4-Bromofluorobenzene	82	51-142	
1868-53-7	Dibromofluoromethane	89	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1892.D
Lab Smp Id: 220-12107-E-11 Client Smp ID: MW-4
Inj Date : 06-MAY-2010 21:07 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-e-11
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

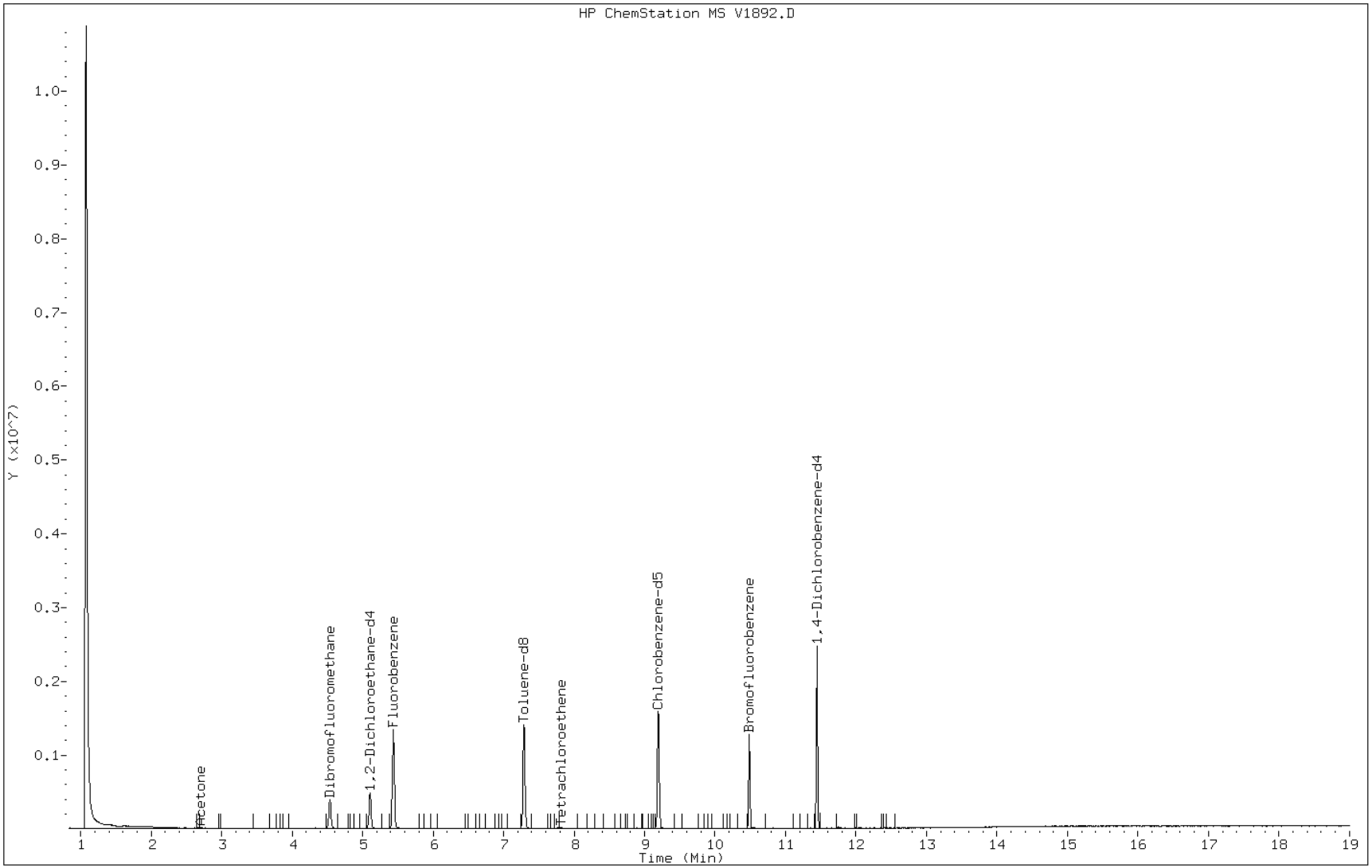
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.435	5.440	(1.000)	1212892	25.0000	
21 Acetone	43	2.702	2.713	(0.497)	9284	0.60128	0.6
$ 41 Dibromofluoromethane	111	4.533	4.538	(0.834)	248989	22.2780	22
45 2-Butanone	43	4.677	4.672	(0.861)	4751	0.67119	0.7
$ 55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	350771	23.8764	24
* 75 Chlorobenzene-d5	117	9.192	9.198	(1.000)	891092	25.0000	
$ 77 Toluene-d8	98	7.287	7.292	(0.793)	1030137	23.1186	23
80 Tetrachloroethene	164	7.815	7.815	(0.850)	2191	0.22340	0.2
88 Chlorobenzene	112	9.214	9.214	(1.002)	6186	0.18841	0.2
* 95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	490845	25.0000	
$ 125 Bromofluorobenzene	95	10.484	10.484	(0.916)	351568	20.5328	20

Data File: V1892.D

Date: 06-MAY-2010 21:07

Client ID: MW-4 Instrument: msv.i

Sample Info: 220-12107-e-11 Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: TRIP BLANK | Lab Sample ID: 220-12107-12

Matrix: Water | Lab File ID: V1877.D

Analysis Method: 8260B | Date Collected: 04/30/2010 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 14:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U *	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: TRIP BLANK Lab Sample ID: 220-12107-12

Matrix: Water Lab File ID: V1877.D

Analysis Method: 8260B Date Collected: 04/30/2010 00:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 14:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100	65-136	
460-00-4	4-Bromofluorobenzene	96	51-142	
1868-53-7	Dibromofluoromethane	91	68-132	
2037-26-5	Toluene-d8 (Surr)	100	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1877.D
Lab Smp Id: 220-12107-D-12 Client Smp ID: TRIP BLANK
Inj Date : 06-MAY-2010 14:18 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-12
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
* 1 Fluorobenzene	96	5.440	5.440	(1.000)	1300126	25.0000	
$ 41 Dibromofluoromethane	111	4.538	4.538	(0.834)	273394	22.8203	23
$ 55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.938)	393558	24.9913	25
* 75 Chlorobenzene-d5	117	9.198	9.198	(1.000)	940505	25.0000	
$ 77 Toluene-d8	98	7.287	7.292	(0.792)	1180003	25.0906	25
* 95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	517173	25.0000	
$ 125 Bromofluorobenzene	95	10.484	10.484	(0.916)	431745	23.9317	24

Data File: V1877.D

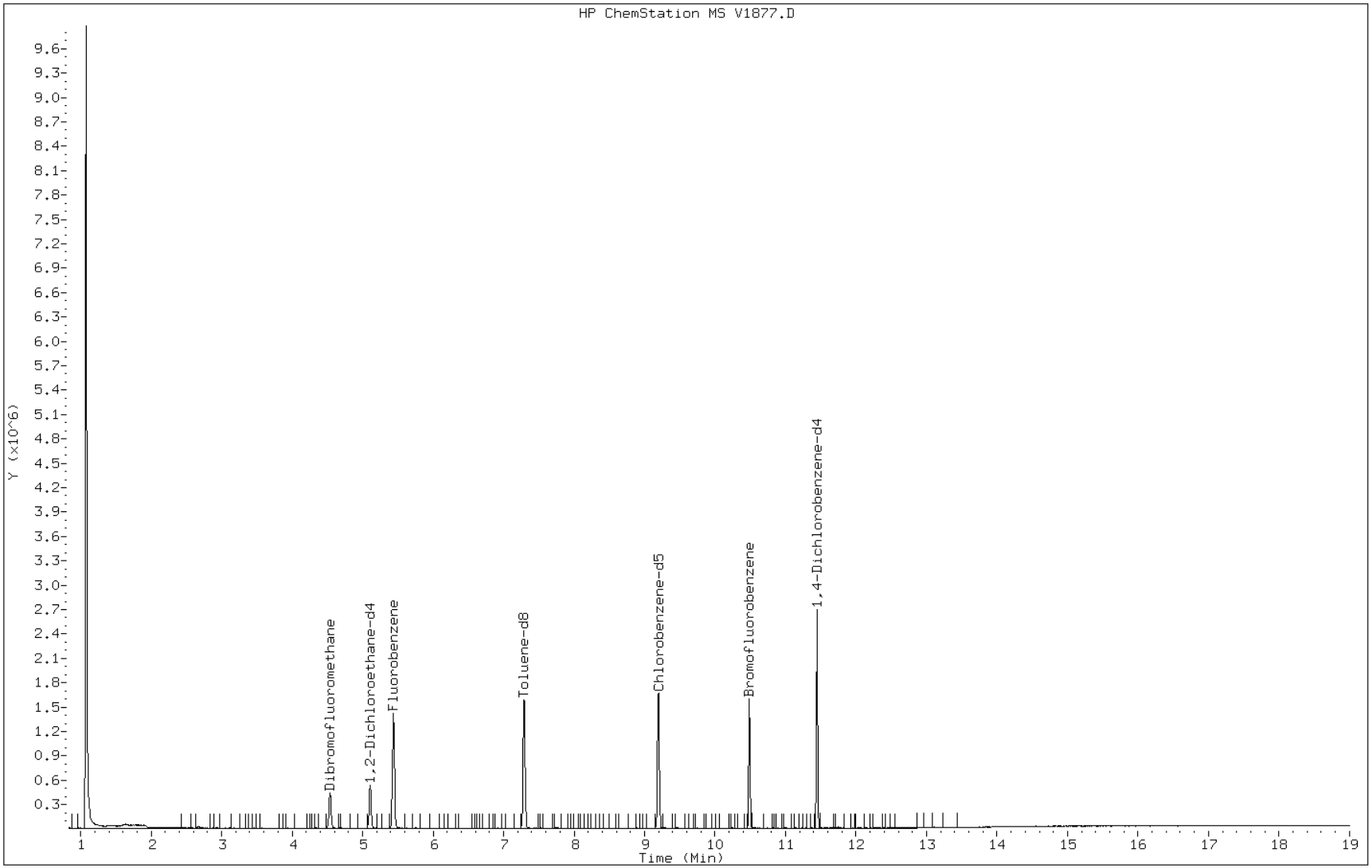
Date: 06-MAY-2010 14:18

Client ID: TRIP BLANK

Instrument: msv.i

Sample Info: 220-12107-d-12

Operator: B.KOSTRZEWSKA



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-37883/6	V1629.D
Level 2	IC 220-37883/5	V1628.D
Level 3	IC 220-37883/4	V1627.D
Level 4	ICIS 220-37883/3	V1626.D
Level 5	IC 220-37883/2	V1625.D
Level 6	IC 220-37883/1	V1624.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 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1705 0.2262	0.1894	0.1805	0.2169	0.2203	Ave		0.2006				11.7		15.0			
Chloromethane	0.2530 0.2418	0.2332	0.2093	0.2469	0.2446	Ave		0.2381			0.1000	6.5		15.0			
Vinyl chloride	0.2686 0.2507	0.2708	0.2304	0.2586	0.2590	Ave		0.2564				5.7		30.0			
Bromomethane	0.1800 0.1248	0.1704	0.1454	0.1594	0.1496	Ave		0.1549				12.6		15.0			
Chloroethane	0.1291 +++++	0.1219	0.1233	0.1302	0.0760	Ave		0.1161				19.5	*	15.0			
Trichlorofluoromethane	0.3289 0.2846	0.3226	0.2979	0.3441	0.3169	Ave		0.3158				6.8		15.0			
Dichlorofluoromethane	0.3722 0.3241	0.3870	0.3412	0.4090	0.3833	Ave		0.3695				8.5		15.0			
Ethyl ether	0.1633 0.1492	0.1398	0.1409	0.1529	0.1523	Ave		0.1497				5.8		15.0			
Ethanol	0.0095 0.0094	0.0098	0.0080	0.0097	0.0094	Ave		0.0093				7.1		15.0			
1,1-Dichloroethene	0.2029 0.1810	0.1633	0.1535	0.1833	0.1826	Ave		0.1778				9.7		30.0			
Carbon disulfide	0.6047 0.6066	0.5799	0.5293	0.6167	0.6171	Ave		0.5924				5.7		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1844 0.2098	0.2022	0.1777	0.2074	0.2080	Ave		0.1983				6.9		15.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.0520 0.0491	0.0491	0.0440	0.0477	0.0506	Ave		0.0487				5.6		15.0			
Iodomethane	0.4025 0.2519	0.2842	0.2534	0.2726	0.2831	Lin	-0.037	0.2559							0.9964		
Acrolein	0.0557 0.0511	0.0513	0.0490	0.0539	0.0548	Ave		0.0526				4.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

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 3	LVL 4	LVL 5		B	M1	M2								
3-Chloro-1-propene	0.3676 0.3581	0.3304	0.3081	0.3559	0.3610	Ave		0.3469				6.6		15.0			
Isopropyl alcohol	0.0422 0.0320	0.0360	0.0356	0.0377	0.0332	Ave		0.0361				10.0		15.0			
Methylene Chloride	+++++ 0.2250	0.4049	0.2889	0.2469	0.2338	Lin	-0.077	0.2218							0.9998		
Acetone	+++++ 0.1018	0.1542	0.1223	0.1068	0.1063	Lin	-0.052	0.1011							0.9997		
trans-1,2-Dichloroethene	0.2201 0.2220	0.2253	0.1956	0.2206	0.2233	Ave		0.2178				5.1		15.0			
Methyl acetate	1.1757 1.0615	1.0743	1.0951	1.1721	1.1568	Ave		1.1226				4.6		15.0			
Methyl tert-butyl ether	0.7682 0.7132	0.7011	0.6850	0.7405	0.7434	Ave		0.7252				4.3		15.0			
tert-Butyl alcohol	0.0358 0.0272	0.0279	0.0285	0.0301	0.0294	Ave		0.0298				10.5		15.0			
Acetonitrile	0.0316 0.0288	0.0323	0.0307	0.0306	0.0314	Ave		0.0309				4.0		15.0			
Isopropyl ether	0.8128 0.7809	0.7609	0.7227	0.7961	0.7984	Ave		0.7786				4.2		15.0			
2-Chloro-1,3-butadiene	0.2058 0.2196	0.2092	0.1782	0.2152	0.2204	Ave		0.2080				7.5		15.0			
1,1-Dichloroethane	0.4228 0.4232	0.4107	0.3774	0.4240	0.4289	Ave		0.4145			0.1000	4.6		15.0			
Acrylonitrile	0.0874 0.0974	0.1003	0.0955	0.1125	0.1013	Ave		0.0991				8.3		15.0			
Vinyl acetate	0.6279 0.6510	0.5856	0.5952	0.6558	0.6729	Ave		0.6314				5.5		15.0			
Tert-butyl ethyl ether	0.7465 0.7623	0.6977	0.6983	0.7652	0.7704	Ave		0.7401				4.5		15.0			
cis-1,2-Dichloroethene	0.2554 0.2424	0.2420	0.2222	0.2434	0.2452	Ave		0.2418				4.5		15.0			
2,2-Dichloropropane	0.2832 0.3151	0.2850	0.2573	0.2998	0.3105	Ave		0.2918				7.3		15.0			
Bromochloromethane	0.1339 0.1207	0.1133	0.1088	0.1243	0.1249	Ave		0.1210				7.4		15.0			
Cyclohexane	0.3482 0.3268	0.3184	0.2690	0.3238	0.3230	Ave		0.3182				8.3		15.0			
Chloroform	0.4196 0.4061	0.3849	0.3671	0.4053	0.4111	Ave		0.3990				4.9		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

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 3	LVL 4	LVL 5		B	M1	M2								
Carbon tetrachloride	0.2795 0.3086	0.2736	0.2550	0.2996	0.3108	Ave		0.2879				7.7		15.0			
Methyl acrylate	0.2644 0.2488	0.2277	0.2318	0.2596	0.2623	Ave		0.2491				6.4		15.0			
Tetrahydrofuran	0.1206 0.0938	0.0972	0.0963	0.1008	0.0996	Ave		0.1014				9.6		15.0			
Ethyl acetate	0.1079 0.0422	0.0572	0.0474	0.0457	0.0443	Lin	-0.090	0.0421							0.9995		
1,1,1-Trichloroethane	0.3315 0.3623	0.3456	0.3041	0.3555	0.3632	Ave		0.3437				6.6		15.0			
Methyl Ethyl Ketone	+++++ 0.1453	0.1468	0.1404	0.1480	0.1490	Ave		0.1459				2.3		15.0			
1,1-Dichloropropene	0.3391 0.3239	0.3194	0.2811	0.3260	0.3249	Ave		0.3191				6.2		15.0			
1-Chlorobutane	0.4430 0.4643	0.4540	0.4040	0.4654	0.4692	Ave		0.4500				5.4		15.0			
Benzene	0.9671 0.9455	0.9235	0.8584	0.9632	0.9675	Ave		0.9375				4.5		15.0			
Propionitrile	0.0452 0.0390	0.0385	0.0385	0.0415	0.0410	Ave		0.0406				6.4		15.0			
Heptane	0.3143 0.3101	0.2850	0.2562	0.2914	0.2979	Ave		0.2925				7.1		15.0			
Methacrylonitrile	0.4417 0.3560	0.3527	0.3218	0.3597	0.3600	Ave		0.3653				11.0		15.0			
Tert-amyl methyl ether	0.6794 0.6560	0.6051	0.6076	0.6578	0.6656	Ave		0.6453				4.8		15.0			
1,2-Dichloroethane	0.3767 0.3510	0.3343	0.3401	0.3600	0.3607	Ave		0.3538				4.4		15.0			
Isobutyl alcohol	0.0100 0.0070	0.0069	0.0066	0.0075	0.0073	Ave		0.0076				16.4	*	15.0			
Methylcyclohexane	0.4184 0.4148	0.3834	0.3553	0.4113	0.4138	Ave		0.3995				6.3		15.0			
Trichloroethene	0.2783 0.2447	0.2406	0.2182	0.2479	0.2480	Ave		0.2463				7.8		15.0			
Dibromomethane	0.1642 0.1543	0.1600	0.1494	0.1574	0.1593	Ave		0.1574				3.2		15.0			
1,2-Dichloropropane	0.2738 0.2582	0.2560	0.2394	0.2604	0.2649	Ave		0.2588				4.4		30.0			
Bromodichloromethane	0.3218 0.3136	0.2936	0.2760	0.3117	0.3188	Ave		0.3059				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

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 3	LVL 4	LVL 5		B	M1	M2								
Methyl methacrylate	0.2034 0.2167	0.2052	0.2054	0.2238	0.2245	Ave		0.2132				4.6		15.0			
1,4-Dioxane	0.0035 0.0020	0.0028	0.0027	0.0024	0.0023	Lin	-0.753	0.0020							0.9971		
2-Chloroethyl vinyl ether	0.1840 0.1723	0.1660	0.1707	0.1767	0.1809	Ave		0.1751				3.8		15.0			
cis-1,3-Dichloropropene	0.3684 0.3882	0.3474	0.3377	0.3845	0.3943	Ave		0.3701				6.3		15.0			
Toluene	1.6328 1.4429	1.4277	1.3328	1.4827	1.4773	Ave		1.4661				6.7		30.0			
Chloroacetonitrile	0.0078 0.0091	0.0071	0.0074	0.0086	0.0091	Ave		0.0082				10.7		15.0			
2-Nitropropane	0.0877 0.0818	0.0708	0.0704	0.0798	0.0846	Ave		0.0792				9.0		15.0			
1,1-Dichloro-2-propanone	0.1465 0.1714	0.1269	0.1322	0.1644	0.1768	Ave		0.1530				13.7		15.0			
Tetrachloroethene	0.2843 0.2808	0.2807	0.2408	0.2802	0.2840	Ave		0.2752				6.1		15.0			
methyl isobutyl ketone	0.4192 0.3770	0.3723	0.3691	0.4117	0.3995	Ave		0.3915				5.5		15.0			
trans-1,3-Dichloropropene	0.3657 0.3813	0.3310	0.3247	0.3715	0.3863	Ave		0.3601				7.2		15.0			
1,1,2-Trichloroethane	0.2346 0.2146	0.2122	0.2122	0.2227	0.2231	Ave		0.2199				4.0		15.0			
Ethyl methacrylate	0.3691 0.4168	0.3627	0.3694	0.4183	0.4298	Ave		0.3944				7.7		15.0			
Dibromochloromethane	0.3460 0.3464	0.3071	0.3031	0.3413	0.3501	Ave		0.3323				6.4		15.0			
1,3-Dichloropropane	0.5636 0.5076	0.5062	0.5014	0.5320	0.5283	Ave		0.5232				4.5		15.0			
1,2-Dibromoethane	0.3423 0.3198	0.3015	0.3060	0.3313	0.3314	Ave		0.3221				5.0		15.0			
2-Hexanone	0.3443 0.2841	0.2863	0.2811	0.3159	0.3022	Ave		0.3023				8.1		15.0			
Chlorobenzene	0.9875 0.9034	0.9139	0.8643	0.9255	0.9321	Ave		0.9211			0.3000	4.4		15.0			
1-Chlorohexane	0.4515 0.4145	0.3962	0.2902	0.4302	0.3640	Ave		0.3911				14.8		15.0			
Ethylbenzene	0.5595 0.5210	0.4897	0.4657	0.5217	0.5290	Ave		0.5144				6.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

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 3	LVL 4	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	0.3017 0.3136	0.2877	0.2765	0.3072	0.3152	Ave		0.3003				5.1		15.0			
m&p-Xylene	0.6549 0.6082	0.5899	0.5579	0.6200	0.6238	Ave		0.6091				5.4		15.0			
o-Xylene	0.6449 0.5903	0.5657	0.5338	0.5964	0.6019	Ave		0.5888				6.3		15.0			
Bromoform	0.1857 0.2367	0.1858	0.1929	0.2217	0.2353	Ave		0.2097			0.1000	11.6		15.0			
Styrene	0.9827 0.9808	0.8802	0.8713	0.9762	0.9969	Ave		0.9480				6.0		15.0			
Isopropylbenzene	2.7235 2.3629	2.4603	2.2963	2.5590	2.5381	Ave		2.4900				6.1		15.0			
Bromobenzene	0.8063 0.6714	0.6724	0.6688	0.6997	0.7018	Ave		0.7034				7.5		15.0			
N-Propylbenzene	3.2107 2.8400	3.0746	2.8505	3.1775	3.1173	Ave		3.0451				5.3		15.0			
1,1,2,2-Tetrachloroethane	0.7708 0.6639	0.6825	0.6815	0.7135	0.7124	Ave		0.7041			0.3000	5.4		15.0			
4-Ethyltoluene	2.7085 2.4550	2.6006	2.4210	2.6747	2.6667	Ave		2.5877				4.7		15.0			
2-Chlorotoluene	2.3926 2.0785	2.1809	2.0389	2.2141	2.2205	Ave		2.1876				5.7		15.0			
1,2,3-Trichloropropane	0.2534 0.1901	0.2112	0.2093	0.2139	0.2069	Ave		0.2141				9.8		15.0			
1,3,5-Trimethylbenzene	2.4063 2.1637	2.2279	2.0830	2.3035	2.3074	Ave		2.2486				5.1		15.0			
trans-1,4-Dichloro-2-butene	0.2319 0.2183	0.1974	0.2048	0.2341	0.2421	Ave		0.2214				8.0		15.0			
4-Chlorotoluene	2.1514 1.8782	1.9640	1.8653	2.0047	2.0084	Ave		1.9787				5.3		15.0			
tert-Butylbenzene	2.0032 1.7884	1.8968	1.7319	1.9158	1.9043	Ave		1.8734				5.2		15.0			
1,2,4-Trimethylbenzene	2.4711 2.2285	2.2649	2.1471	2.3748	2.3634	Ave		2.3083				5.1		15.0			
sec-Butylbenzene	2.8719 2.5364	2.6916	2.4625	2.7567	2.7479	Ave		2.6778				5.7		15.0			
4-Isopropyltoluene	2.4854 2.1874	2.2466	2.0708	2.3357	2.3281	Ave		2.2756				6.2		15.0			
1,3-Dichlorobenzene	1.4171 1.2871	1.2932	1.2660	1.3389	1.3372	Ave		1.3232				4.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

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 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.5512 1.3031	1.3361	1.2843	1.3635	1.3608	Ave		1.3665				7.0		15.0			
p-Diethylbenzene	1.4118 1.2319	1.1636	1.1074	1.2420	1.2682	Ave		1.2375				8.4		15.0			
Benzyl chloride	0.1885 0.2713	0.1734	0.1832	0.2332	0.2629	Lin	0.0553	0.2736							0.9993		
n-Butylbenzene	2.5675 2.1209	2.3834	1.9265	2.1874	2.2118	Ave		2.2329				9.9		15.0			
1,2-Dichlorobenzene	1.4255 1.2708	1.2810	1.2354	1.3134	1.3114	Ave		1.3063				5.0		15.0			
1,2,4,5-Tetramethylbenzene	2.5193 2.2497	2.2541	2.1803	2.3909	2.4325	Ave		2.3378				5.6		15.0			
1,2-Dibromo-3-Chloropropane	0.1739 0.1580	0.1379	0.1429	0.1593	0.1640	Ave		0.1560				8.6		15.0			
Nitrobenzene	0.0332 0.0579	0.0278	0.0293	0.0368	0.0493	Ave		0.0391				30.7	*	15.0			
Hexachlorobutadiene	0.5894 0.3832	0.4150	0.3747	0.3956	0.3985	Ave		0.4261				19.1	*	15.0			
1,2,4-Trichlorobenzene	1.3309 0.9824	1.0476	1.0004	1.0443	1.0529	Ave		1.0764				11.9		15.0			
Naphthalene	4.3720 2.5034	3.1559	3.0098	2.9956	2.8757	Ave		3.1521				20.2	*	15.0			
1,2,3-Trichlorobenzene	1.3401 0.9430	1.0766	1.0391	1.0460	1.0374	Ave		1.0804				12.5		15.0			
Dibromofluoromethane	0.2791 0.2258	0.2121	0.2092	0.2259	0.2301	Ave		0.2304				11.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3692 0.2879	0.2786	0.2861	0.2977	0.2974	Ave		0.3028				11.0		15.0			
Toluene-d8 (Surr)	1.3868 1.2238	1.2385	1.1476	1.2555	1.2486	Ave		1.2501				6.2		15.0			
4-Bromofluorobenzene	1.1245 0.7924	0.8356	0.8008	0.8443	0.8349	Ave		0.8721				14.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-37883/6	V1629.D
Level 2	IC 220-37883/5	V1628.D
Level 3	IC 220-37883/4	V1627.D
Level 4	ICIS 220-37883/3	V1626.D
Level 5	IC 220-37883/2	V1625.D
Level 6	IC 220-37883/1	V1624.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	6653 1913166	30334	73081	357008	931680	0.500 100	2.00	5.00	20.0	50.0
Chloromethane	FB	Ave	9875 2045869	37343	84717	406353	1034540	0.500 100	2.00	5.00	20.0	50.0
Vinyl chloride	FB	Ave	10484 2120826	43364	93290	425619	1095352	0.500 100	2.00	5.00	20.0	50.0
Bromomethane	FB	Ave	7025 1056130	27286	58843	262452	632751	0.500 100	2.00	5.00	20.0	50.0
Chloroethane	FB	Ave	5039 +++++	19515	49911	214335	321511	0.500 +++++	2.00	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	12836 2407457	51659	120599	566332	1340306	0.500 100	2.00	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	14527 2741654	61970	138106	673166	1621202	0.500 100	2.00	5.00	20.0	50.0
Ethyl ether	FB	Ave	6373 1262132	22389	57051	251601	644229	0.500 100	2.00	5.00	20.0	50.0
Ethanol	FB	Ave	3723 797524	15769	32466	160069	397412	5.00 1000	20.0	50.0	200	500
1,1-Dichloroethene	FB	Ave	7918 1531417	26148	62124	301786	772247	0.500 100	2.00	5.00	20.0	50.0
Carbon disulfide	FB	Ave	23600 5131043	92867	214255	1015082	2609589	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	7197 1774540	32377	71952	341432	879672	0.500 100	2.00	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	2028 415372	7858	17813	78459	214063	0.500 100	2.00	5.00	20.0	50.0
Iodomethane	FB	Lin	15709 2131056	45513	102575	448712	1197421	0.500 100	2.00	5.00	20.0	50.0
Acrolein	FB	Ave	10863 2161188	41088	99156	443295	1157948	2.50 500	10.0	25.0	100	250
3-Chloro-1-propene	FB	Ave	14349 3029146	52911	124718	585811	1526692	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropyl alcohol	FB	Ave	1649 270989	5764	14425	62104	140602	0.500 100	2.00	5.00	20.0	50.0
Methylene Chloride	FB	Lin	+++++ 1903728	64834	116949	406471	988642	+++++ 100	2.00	5.00	20.0	50.0
Acetone	FB	Lin	+++++ 861372	24698	49491	175722	449577	+++++ 100	2.00	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	8590 1877742	36080	79166	363137	944540	0.500 100	2.00	5.00	20.0	50.0
Methyl acetate	FB	Ave	45890 8979199	172039	443312	1929406	4892269	0.500 100	2.00	5.00	20.0	50.0
Methyl tert-butyl ether	FB	Ave	29984 6032950	112270	277295	1218952	3143813	0.500 100	2.00	5.00	20.0	50.0
tert-Butyl alcohol	FB	Ave	6994 1148719	22365	57771	247580	621681	2.50 500	10.0	25.0	100	250
Acetonitrile	FB	Ave	12334 2434152	51799	124248	503725	1329065	5.00 1000	20.0	50.0	200	500
Isopropyl ether	FB	Ave	31725 6605631	121839	292562	1310456	3376667	0.500 100	2.00	5.00	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	8031 1857698	33501	72137	354178	931892	0.500 100	2.00	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	16502 3580368	65761	152786	697962	1813903	0.500 100	2.00	5.00	20.0	50.0
Acrylonitrile	FB	Ave	6819 1647434	32120	77346	370401	856648	1.00 200	4.00	10.0	40.0	100
Vinyl acetate	FB	Ave	24507 5507405	93768	240957	1079534	2845694	0.500 100	2.00	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	29138 6448133	111725	282676	1259478	3258239	0.500 100	2.00	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	9969 2050693	38758	89955	400584	1036906	0.500 100	2.00	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	11054 2665617	45639	104153	493491	1313190	0.500 100	2.00	5.00	20.0	50.0
Bromochloromethane	FB	Ave	5227 1020918	18140	44027	204584	528067	0.500 100	2.00	5.00	20.0	50.0
Cyclohexane	FB	Ave	13590 2764307	50994	108892	533042	1365911	0.500 100	2.00	5.00	20.0	50.0
Chloroform	FB	Ave	16377 3435198	61642	148609	667070	1738428	0.500 100	2.00	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	10910 2610526	43809	103229	493221	1314382	0.500 100	2.00	5.00	20.0	50.0
Methyl acrylate	FB	Ave	10318 2104556	36460	93825	427301	1109247	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrahydrofuran	FB	Ave	9416 1586975	31125	77956	331790	842763	1.00 200	4.00	10.0	40.0	100
Ethyl acetate	FB	Lin	8426 713554	18325	38383	150290	374722	1.00 200	4.00	10.0	40.0	100
1,1,1-Trichloroethane	FB	Ave	12939 3064463	55348	123120	585198	1535999	0.500 100	2.00	5.00	20.0	50.0
Methyl Ethyl Ketone	FB	Ave	+++++ 1229350	23510	56826	243640	630010	+++++ 100	2.00	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	13234 2740319	51150	113791	536550	1373935	0.500 100	2.00	5.00	20.0	50.0
1-Chlorobutane	FB	Ave	17291 3927836	72695	163565	765992	1984440	0.500 100	2.00	5.00	20.0	50.0
Benzene	FB	Ave	37746 7997956	147888	347498	1585472	4091753	0.500 100	2.00	5.00	20.0	50.0
Propionitrile	FB	Ave	17654 3300113	61672	155666	682915	1732392	5.00 1000	20.0	50.0	200	500
Heptane	FB	Ave	12266 2623505	45643	103733	479593	1259949	0.500 100	2.00	5.00	20.0	50.0
Methacrylonitrile	FB	Ave	17239 3011276	56472	130268	592044	1522285	0.500 100	2.00	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	26516 5549667	96900	245974	1082792	2814809	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	14701 2969008	53528	137699	592544	1525575	0.500 100	2.00	5.00	20.0	50.0
Isobutyl alcohol	FB	Ave	3919 595890	11115	26813	124050	308165	5.00 1000	20.0	50.0	200	500
Methylcyclohexane	FB	Ave	16331 3508662	61399	143849	677004	1749865	0.500 100	2.00	5.00	20.0	50.0
Trichloroethene	FB	Ave	10864 2070022	38533	88323	408107	1048689	0.500 100	2.00	5.00	20.0	50.0
Dibromomethane	FB	Ave	6408 1305131	25619	60478	259072	673565	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	10685 2184553	41002	96907	428584	1120321	0.500 100	2.00	5.00	20.0	50.0
Bromodichloromethane	FB	Ave	12559 2653174	47019	111716	512997	1348212	0.500 100	2.00	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	7940 1832974	32860	83154	368368	949563	0.500 100	2.00	5.00	20.0	50.0
1,4-Dioxane	FB	Lin	1362 172482	4518	11031	39834	95300	5.00 1000	20.0	50.0	200	500
2-Chloroethyl vinyl ether	FB	Ave	7180 1457534	26589	69119	290855	765060	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
cis-1,3-Dichloropropene	FB	Ave	14380 3284054	55637	136702	632935	1667415	0.500 100	2.00	5.00	20.0	50.0
Toluene	CBZ	Ave	45949 8801657	165624	389717	1762331	4517168	0.500 100	2.00	5.00	20.0	50.0
Chloroacetonitrile	FB	Ave	3051 773326	11352	30135	141589	385981	5.00 1000	20.0	50.0	200	500
2-Nitropropane	FB	Ave	6846 1383415	22685	57009	262863	715160	1.00 200	4.00	10.0	40.0	100
1,1-Dichloro-2-propanone	CBZ	Ave	20608 5228676	73630	193268	976914	2702520	2.50 500	10.0	25.0	100	250
Tetrachloroethene	CBZ	Ave	8001 1712731	32566	70417	333092	868458	0.500 100	2.00	5.00	20.0	50.0
methyl isobutyl ketone	CBZ	Ave	11796 2299705	43187	107939	489383	1221607	0.500 100	2.00	5.00	20.0	50.0
trans-1,3-Dichloropropene	FB	Ave	14275 3225377	53012	131427	611566	1633732	0.500 100	2.00	5.00	20.0	50.0
1,1,2-Trichloroethane	FB	Ave	9155 1815028	33988	85915	366545	943586	0.500 100	2.00	5.00	20.0	50.0
Ethyl methacrylate	CBZ	Ave	10387 2542769	42070	108019	497127	1314316	0.500 100	2.00	5.00	20.0	50.0
Dibromochloromethane	CBZ	Ave	9738 2113050	35620	88614	405614	1070529	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichloropropane	CBZ	Ave	15860 3096220	58722	146599	632362	1615420	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromoethane	CBZ	Ave	9634 1950960	34971	89465	393729	1013404	0.500 100	2.00	5.00	20.0	50.0
2-Hexanone	CBZ	Ave	9690 1733241	33214	82203	375525	923938	0.500 100	2.00	5.00	20.0	50.0
Chlorobenzene	CBZ	Ave	27789 5510816	106014	252724	1100069	2849959	0.500 100	2.00	5.00	20.0	50.0
1-Chlorohexane	CBZ	Ave	12706 2528573	45960	84851	511290	1113093	0.500 100	2.00	5.00	20.0	50.0
Ethylbenzene	CBZ	Ave	15745 3178242	56805	136161	620039	1617606	0.500 100	2.00	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	8489 1912818	33370	80856	365111	963853	0.500 100	2.00	5.00	20.0	50.0
m&p-Xylene	CBZ	Ave	36858 7419840	136867	326239	1473697	3814662	1.00 200	4.00	10.0	40.0	100
o-Xylene	CBZ	Ave	18148 3600993	65623	156082	708858	1840244	0.500 100	2.00	5.00	20.0	50.0
Bromoform	CBZ	Ave	5226 1444147	21550	56401	263510	719555	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Styrene	CBZ	Ave	27654 5982682	102108	254770	1160218	3048168	0.500 100	2.00	5.00	20.0	50.0
Isopropylbenzene	DCB	Ave	43532 8661070	160176	379079	1742237	4498842	0.500 100	2.00	5.00	20.0	50.0
Bromobenzene	DCB	Ave	12888 2461066	43778	110411	476386	1243886	0.500 100	2.00	5.00	20.0	50.0
N-Propylbenzene	DCB	Ave	51318 10409937	200165	470559	2163292	5525520	0.500 100	2.00	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	12320 2433379	44434	112501	485774	1262696	0.500 100	2.00	5.00	20.0	50.0
4-Ethyltoluene	DCB	Ave	43292 8998704	169305	399666	1820965	4726838	0.500 100	2.00	5.00	20.0	50.0
2-Chlorotoluene	DCB	Ave	38242 7618564	141982	336581	1507415	3935805	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichloropropane	DCB	Ave	4050 696637	13750	34545	145651	366778	0.500 100	2.00	5.00	20.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	38461 7931068	145042	343861	1568281	4089950	0.500 100	2.00	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	7414 1600032	25709	67622	318759	858387	1.00 200	4.00	10.0	40.0	100
4-Chlorotoluene	DCB	Ave	34387 6884362	127861	307932	1364854	3559980	0.500 100	2.00	5.00	20.0	50.0
tert-Butylbenzene	DCB	Ave	32019 6555540	123487	285896	1304342	3375446	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	39498 8168484	147449	354440	1616852	4189105	0.500 100	2.00	5.00	20.0	50.0
sec-Butylbenzene	DCB	Ave	45903 9297333	175231	406509	1876851	4870634	0.500 100	2.00	5.00	20.0	50.0
4-Isopropyltoluene	DCB	Ave	39725 8017811	146262	341844	1590185	4126549	0.500 100	2.00	5.00	20.0	50.0
1,3-Dichlorobenzene	DCB	Ave	22650 4717846	84190	208988	911587	2370161	0.500 100	2.00	5.00	20.0	50.0
1,4-Dichlorobenzene	DCB	Ave	24794 4776512	86981	212008	928287	2411993	0.500 100	2.00	5.00	20.0	50.0
p-Diethylbenzene	DCB	Ave	22566 4515527	75755	182803	845569	2247985	0.500 100	2.00	5.00	20.0	50.0
Benzyl chloride	DCB	Lin	3013 994565	11288	30242	158741	465924	0.500 100	2.00	5.00	20.0	50.0
n-Butylbenzene	DCB	Ave	41038 7774066	155167	318031	1489232	3920457	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichlorobenzene	DCB	Ave	22785 4658295	83399	203934	894208	2324408	0.500 100	2.00	5.00	20.0	50.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 37883

SDG No.:

Instrument ID: MSV GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/23/2010 15:03 Calibration End Date: 04/23/2010 17:19 Calibration ID: 6866

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,4,5-Tetramethylbenzene	DCB	Ave	40267 8246146	146746	359927	1627775	4311709	0.500 100	2.00	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	2780 579148	8976	23584	108473	290764	0.500 100	2.00	5.00	20.0	50.0
Nitrobenzene	DCB	Ave	5306 2121541	18114	48435	250674	873672	5.00 1000	20.0	50.0	200	500
Hexachlorobutadiene	DCB	Ave	9420 1404770	27016	61849	269322	706359	0.500 100	2.00	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	21272 3600878	68202	165154	710976	1866259	0.500 100	2.00	5.00	20.0	50.0
Naphthalene	DCB	Ave	69881 9176081	205457	496860	2039440	5097302	0.500 100	2.00	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	21420 3456523	70091	171535	712158	1838842	0.500 100	2.00	5.00	20.0	50.0
Dibromofluoromethane	FB	Ave	10893 1909982	33969	84672	371890	973204	0.500 100	2.00	5.00	20.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	14410 2435390	44620	115826	489963	1257586	0.500 100	2.00	5.00	20.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	39027 7465050	143666	335560	1492212	3817681	0.500 100	2.00	5.00	20.0	50.0
4-Bromofluorobenzene	DCB	Ave	17973 2904675	54402	132190	574793	1479965	0.500 100	2.00	5.00	20.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1624.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 23-APR-2010 15:03 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;100
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:42 magda Quant Type: ISTD
Cal Date : 23-APR-2010 15:03 Cal File: V1624.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.435	5.435	(1.000)	2114824	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	1913166	100.000	110(A)
3	Chloromethane	50	1.331	1.331	(0.245)	2045869	100.000	100(A)
4	Vinyl Chloride	62	1.373	1.373	(0.253)	2120826	100.000	98
5	Bromomethane	94	1.592	1.592	(0.293)	1056130	100.000	80
6	Chloroethane	64	1.672	1.672	(0.308)	226905	100.000	23(MH)
7	Trichlorofluoromethane	101	1.774	1.774	(0.326)	2407457	100.000	90(H)
8	Dichlorofluoromethane	67	1.822	1.822	(0.335)	2741654	100.000	88
9	Ethyl Ether	45	2.019	2.019	(0.372)	1262132	100.000	100
10	Ethanol	45	2.083	2.083	(0.383)	797524	1000.00	1000(A)
12	Freon 123	67	2.217	2.217	(0.408)	415372	100.000	100(A)
13	Trichlorotrifluoroethane	101	2.206	2.206	(0.406)	1774540	100.000	100(A)
14	1,1-Dichloroethene	96	2.169	2.169	(0.399)	1531417	100.000	100(A)
15	Carbon Disulfide	76	2.190	2.190	(0.403)	5131043	100.000	100(A)
16	Iodomethane	142	2.281	2.281	(0.420)	2131056	100.000	86
17	Acrolein	56	2.441	2.441	(0.449)	2161188	500.000	480
18	2-Propanol	45	2.622	2.622	(0.483)	270989	100.000	89
19	3-Chloro-1-Propene	41	2.569	2.569	(0.473)	3029146	100.000	100(A)
20	Methylene Chloride	84	2.665	2.665	(0.490)	1903728	100.000	80
21	Acetone	43	2.708	2.708	(0.498)	861372	100.000	86
22	trans-1,2-Dichloroethene	96	2.825	2.825	(0.520)	1877742	100.000	100(A)
23	Methyl Acetate	43	2.841	2.841	(0.523)	8979199	100.000	94

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.948	2.948	(0.542)	6032950	100.000	98
	25 tert-Butyl alcohol	59	3.055	3.055	(0.562)	1148719	500.000	460
	26 Acetonitrile	41	3.156	3.156	(0.581)	2434152	1000.00	930
	27 Isopropyl ether	45	3.359	3.359	(0.618)	6605631	100.000	100(A)
	28 tert-Butyl ethyl ether	59	3.754	3.754	(0.691)	6448133	100.000	100(A)
	29 2-Chloro-1,3-Butadiene	88	3.433	3.433	(0.632)	1857698	100.000	100(A)
	30 Acrylonitrile	53	3.492	3.492	(0.643)	1647434	200.000	200
	31 1,1-Dichloroethane	63	3.455	3.455	(0.636)	3580368	100.000	100(A)
	32 Vinyl Acetate	43	3.743	3.743	(0.689)	5507405	100.000	100(A)
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.742)	2050693	100.000	100(A)
	34 2,2-Dichloropropane	77	4.143	4.143	(0.762)	2665617	100.000	110(A)
	35 Bromochloromethane	128	4.239	4.239	(0.780)	1020918	100.000	100
	37 Cyclohexane	84	4.255	4.255	(0.783)	2764307	100.000	100(A)
	38 Chloroform	83	4.341	4.341	(0.799)	3435198	100.000	100(A)
	39 Ethyl Acetate	43	4.501	4.501	(0.828)	713554	200.000	150
	40 Methyl Acrylate	55	4.495	4.495	(0.827)	2104556	100.000	100
$	41 Dibromofluoromethane	111	4.533	4.533	(0.834)	1909982	100.000	98
	42 Tetrahydrofuran	42	4.495	4.495	(0.827)	1586975	200.000	180
	43 Carbon Tetrachloride	117	4.485	4.485	(0.825)	2610526	100.000	110(A)
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.838)	3064463	100.000	100(A)
	45 2-Butanone	43	4.672	4.672	(0.860)	1229350	100.000	100
	46 1,1-Dichloropropene	75	4.693	4.693	(0.864)	2740319	100.000	100(A)
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.945)	5549667	100.000	100(A)
	49 1-Chlorobutane	56	4.757	4.757	(0.875)	3927836	100.000	100(A)
	50 Heptane	43	4.986	4.986	(0.918)	2623505	100.000	110(A)
	51 Propionitrile	54	4.970	4.970	(0.915)	3300113	1000.00	960
	52 Benzene	78	4.960	4.960	(0.913)	7997956	100.000	100(A)
	53 2-Methyl-2-Propenenitrile	41	4.992	4.992	(0.919)	3011276	100.000	97(M)
	54 Isobutyl alcohol	42	5.285	5.285	(0.973)	595890	1000.00	930
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	2435390	100.000	95
	56 1,2-Dichloroethane	62	5.179	5.179	(0.953)	2969008	100.000	99
	59 Methyl Cyclohexane	83	5.622	5.622	(1.034)	3508662	100.000	100(A)
	60 Trichloroethene	130	5.638	5.638	(1.037)	2070022	100.000	99
	63 Dibromomethane	93	6.091	6.091	(1.121)	1305131	100.000	98
	64 1,2-Dichloropropane	63	6.214	6.214	(1.143)	2184553	100.000	100
	65 Bromodichloromethane	83	6.310	6.310	(1.161)	2653174	100.000	100(A)
	66 Methyl Methacrylate	69	6.545	6.545	(1.204)	1832974	100.000	100(A)
	67 1,4-Dioxane	58	6.550	6.550	(1.205)	172482	1000.00	780
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.293)	1457534	100.000	98
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.299)	3284054	100.000	100(A)
	71 Chloroacetonitrile	48	7.521	7.521	(1.384)	773326	1000.00	1100(A)
	72 2-Nitropropane	41	7.607	7.607	(1.400)	1383415	200.000	210(A)
	73 trans-1,3-Dichloropropene	75	7.868	7.868	(1.448)	3225377	100.000	100(A)
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.482)	1815028	100.000	98
*	75 Chlorobenzene-d5	117	9.197	9.197	(1.000)	1525001	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	8801657	100.000	98
$	77 Toluene-d8	98	7.287	7.287	(0.792)	7465050	100.000	98
	78 1,1-Dichloro-2-propanone	43	7.634	7.634	(0.830)	5228676	500.000	560(A)
	79 4-Methyl-2-Pentanone	43	7.836	7.836	(0.852)	2299705	100.000	96
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	1712731	100.000	100(A)
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	2542769	100.000	100(A)
	82 Dibromochloromethane	129	8.263	8.263	(0.898)	2113050	100.000	100(A)
	83 1,3-Dichloropropane	76	8.381	8.381	(0.911)	3096220	100.000	97
	84 1,2-Dibromoethane	107	8.519	8.519	(0.926)	1950960	100.000	99

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	1733241	100.000	94
87	1-Chlorohexane	91	9.251	9.251	(1.006)	2528573	100.000	100(AM)
88	Chlorobenzene	112	9.219	9.219	(1.002)	5510816	100.000	98
89	1,1,1,2-Tetrachloroethane	131	9.309	9.309	(1.012)	1912818	100.000	100(A)
90	Ethylbenzene	106	9.288	9.288	(1.010)	3178242	100.000	100(A)
91	Xylene (total)mp	106	9.464	9.464	(1.029)	7419840	200.000	200
92	Xylene (total)o	106	9.918	9.918	(1.078)	3600993	100.000	100(A)
93	Styrene	104	9.971	9.971	(1.084)	5982682	100.000	100(A)
94	Bromoform	173	9.966	9.966	(1.084)	1444147	100.000	110(A)
* 95	1,4-Dichlorobenzene-d4	152	11.449	11.449	(1.000)	916375	25.0000	
96	Isopropylbenzene	105	10.243	10.243	(0.895)	8661070	100.000	95
97	Bromobenzene	156	10.569	10.569	(0.923)	2461066	100.000	95
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	2433379	100.000	94
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	8998704	100.000	95
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	696637	100.000	89
101	trans-1,4-Dichloro-2-Butene	53	10.846	10.846	(0.947)	1600032	200.000	200(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	10409937	100.000	93
103	2-Chlorotoluene	91	10.750	10.750	(0.939)	7618564	100.000	95
104	4-Chlorotoluene	91	10.900	10.900	(0.952)	6884362	100.000	95
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	7931068	100.000	96
106	tert-Butylbenzene	119	11.087	11.087	(0.968)	6555540	100.000	95
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	8168484	100.000	96
108	sec-Butylbenzene	105	11.236	11.236	(0.981)	9297333	100.000	95
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	8017811	100.000	96
110	1,3-Dichlorobenzene	146	11.385	11.385	(0.994)	4717846	100.000	97
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	4776512	100.000	95
112	1,2-Dichlorobenzene	146	11.791	11.791	(1.030)	4658295	100.000	97
113	Benzyl Chloride	126	11.663	11.663	(1.019)	994565	100.000	120(A)
114	1,4-Diethylbenzene	119	11.652	11.652	(1.018)	4515527	100.000	100
115	n-Butylbenzene	91	11.690	11.690	(1.021)	7774066	100.000	95
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	8246146	100.000	96
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	579148	100.000	100(A)
120	Nitrobenzene	77	12.794	12.794	(1.117)	2121541	1000.00	1500(A)
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	3600878	100.000	91
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	1404770	100.000	90
123	Naphthalene	128	13.115	13.115	(1.145)	9176081	100.000	79
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	3456523	100.000	87
$ 125	Bromofluorobenzene	95	10.489	10.489	(0.916)	2904675	100.000	91
M 126	1,2-Dichloroethene (total)	100				3928435	200.000	200
M 127	Xylene (total)	100				11020833	300.000	300

QC Flag Legend

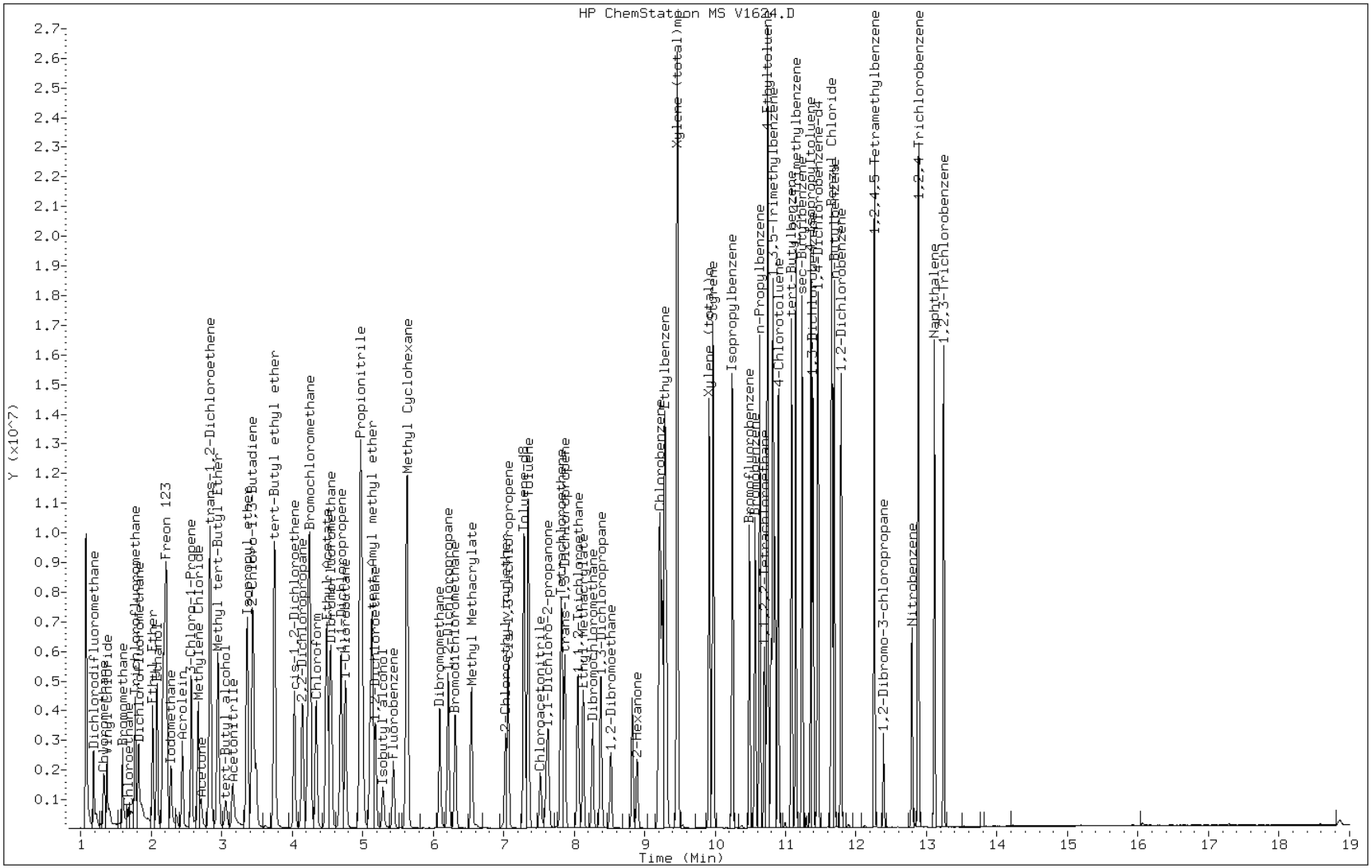
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1624.D

Date: 23-APR-2010 15:03

Client ID: IC;100 Instrument: msv.i

Sample Info: IC;100 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1624.D
Inj. Date and Time: 23-APR-2010 15:03
Instrument ID: msv.i
Client ID: IC;100
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 04/29/2010

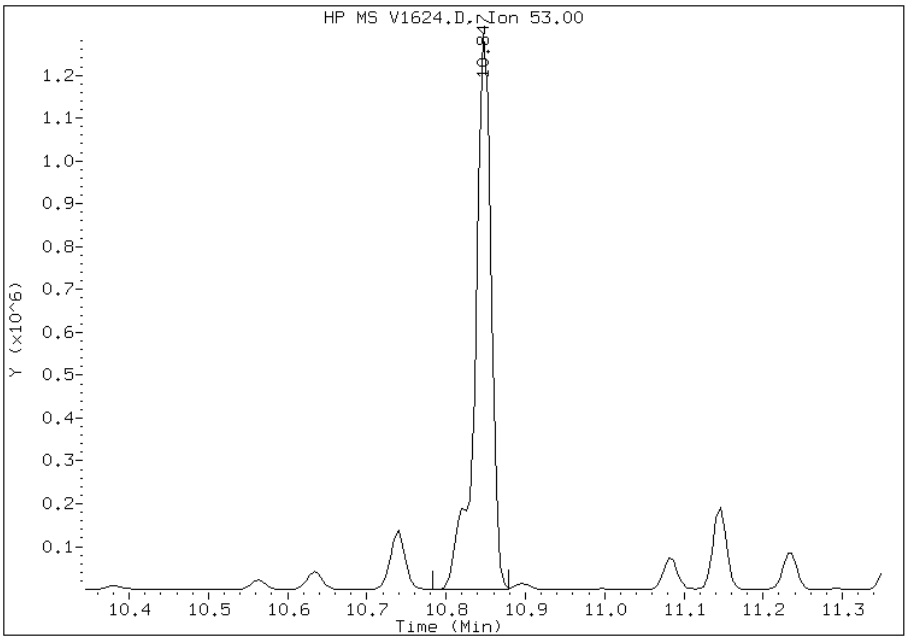
Processing Integration Results

RT: 10.85

Response: 1806038

Amount: 197

Conc: 197



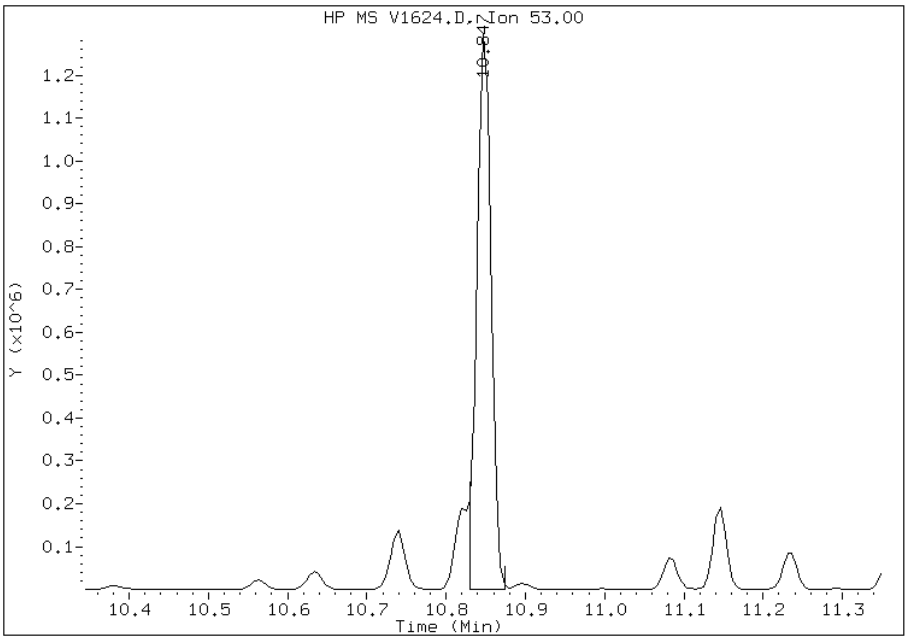
Manual Integration Results

RT: 10.85

Response: 1600032

Amount: 197

Conc: 197



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1624.D
Inj. Date and Time: 23-APR-2010 15:03
Instrument ID: msv.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 04/29/2010

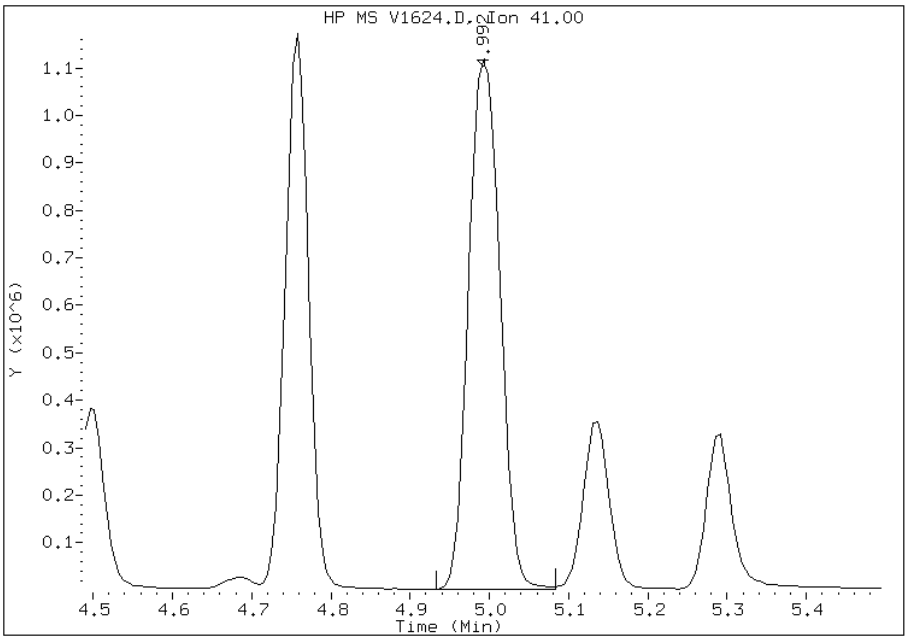
Processing Integration Results

RT: 4.99

Response: 3040212

Amount: 98

Conc: 98



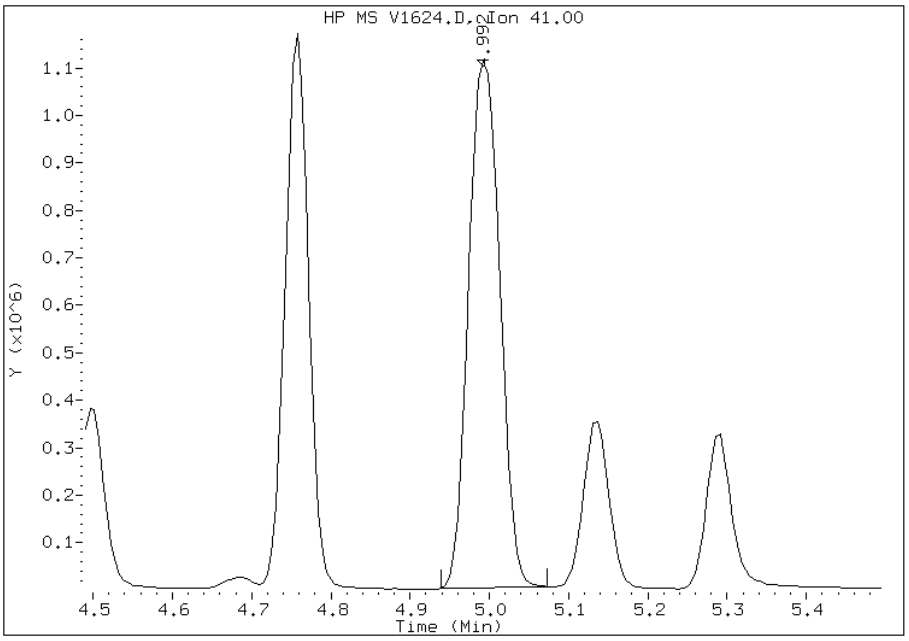
Manual Integration Results

RT: 4.99

Response: 3011276

Amount: 97

Conc: 97



Manually Integrated By: magda
Manual Integration Reason:

Manual Integration Report

Data File: V1624.D
Inj. Date and Time: 23-APR-2010 15:03
Instrument ID: msv.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 04/29/2010

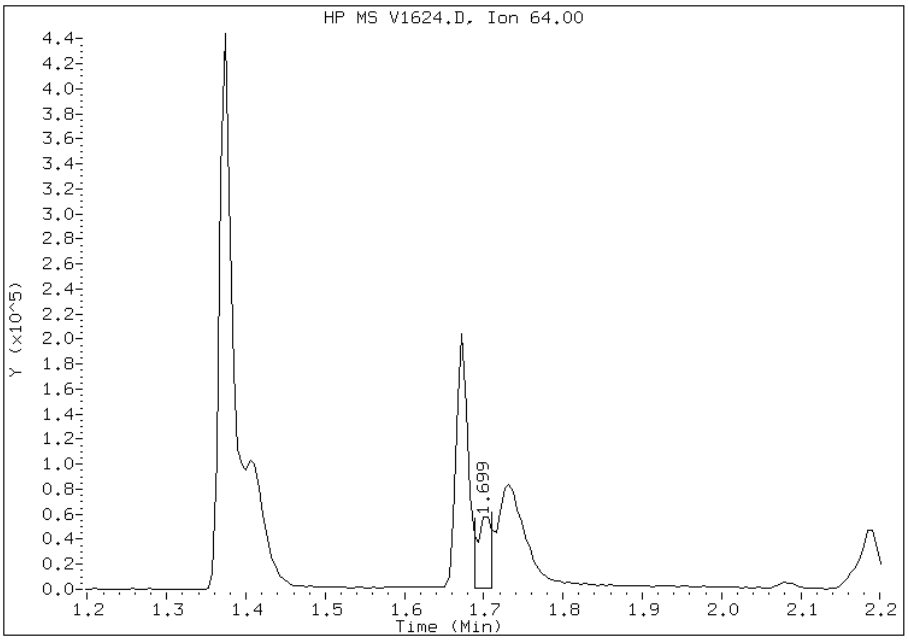
Processing Integration Results

RT: 1.70

Response: 76975

Amount: 8

Conc: 8



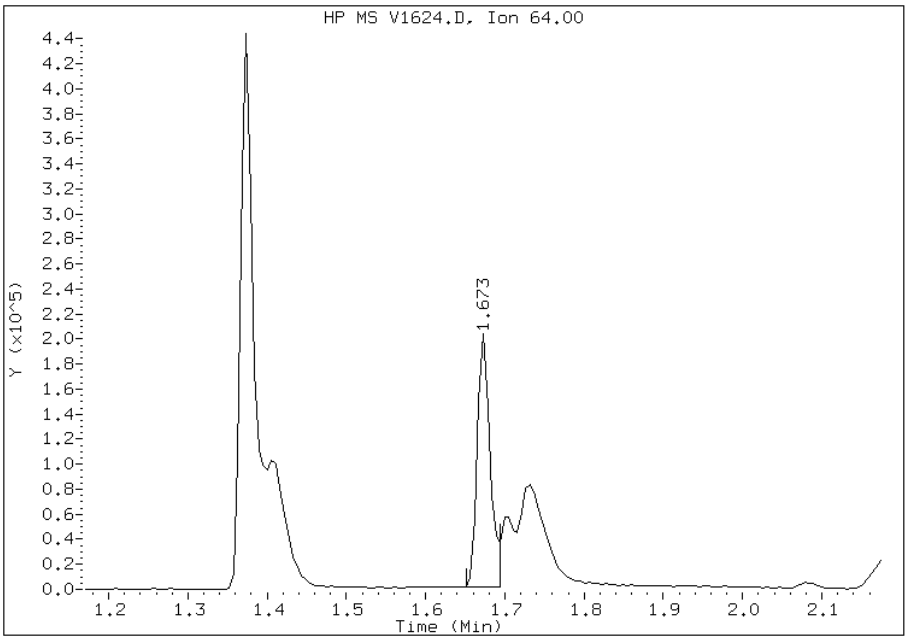
Manual Integration Results

RT: 1.67

Response: 226905

Amount: 23

Conc: 23



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1624.D
Inj. Date and Time: 23-APR-2010 15:03
Instrument ID: msv.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 04/29/2010

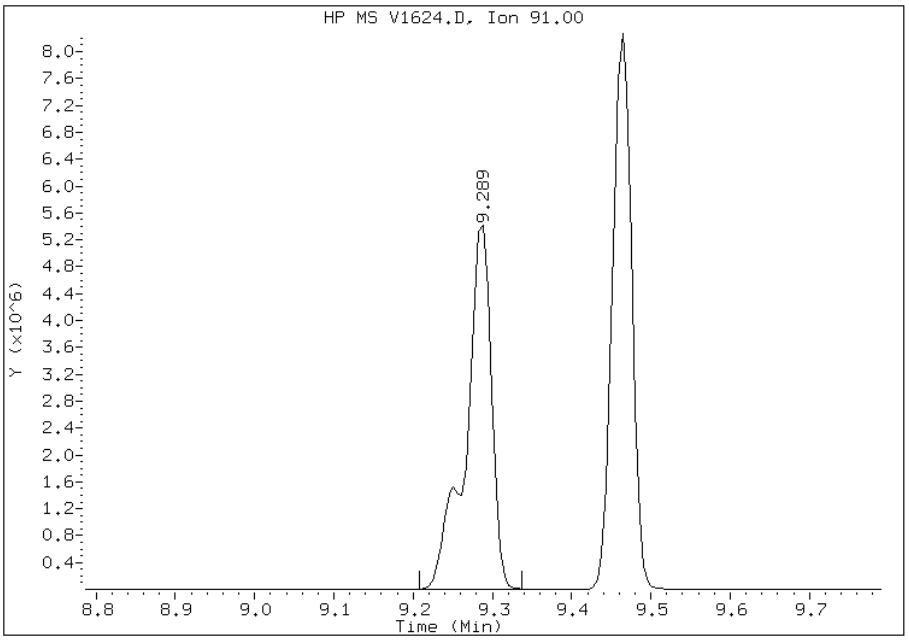
Processing Integration Results

RT: 9.29

Response: 11957218

Amount: 110

Conc: 110



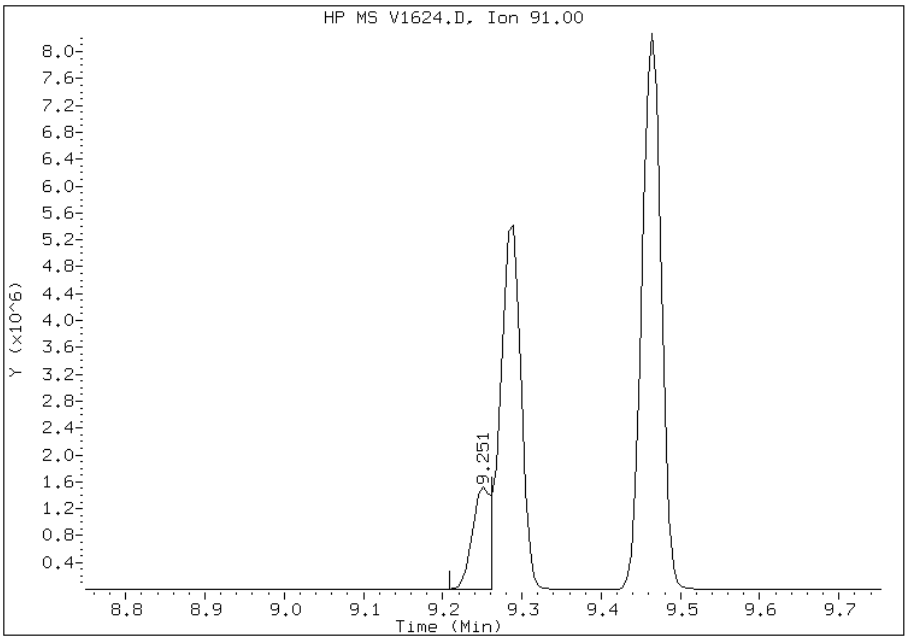
Manual Integration Results

RT: 9.25

Response: 2528573

Amount: 106

Conc: 106



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1625.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 23-APR-2010 15:30 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;50
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:42 magda Quant Type: ISTD
Cal Date : 23-APR-2010 15:30 Cal File: V1625.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.435	5.435	(1.000)	2114542	25.0000	
2	Dichlorodifluoromethane	85	1.181	1.181	(0.217)	931680	50.0000	55
3	Chloromethane	50	1.331	1.331	(0.245)	1034540	50.0000	51
4	Vinyl Chloride	62	1.368	1.368	(0.252)	1095352	50.0000	50
5	Bromomethane	94	1.592	1.592	(0.293)	632751	50.0000	48
6	Chloroethane	64	1.672	1.672	(0.308)	321511	50.0000	30(H)
7	Trichlorofluoromethane	101	1.779	1.779	(0.327)	1340306	50.0000	50(H)
8	Dichlorofluoromethane	67	1.822	1.822	(0.335)	1621202	50.0000	51
9	Ethyl Ether	45	2.019	2.019	(0.372)	644229	50.0000	51
10	Ethanol	45	2.083	2.083	(0.383)	397412	500.000	500
12	Freon 123	67	2.217	2.217	(0.408)	214063	50.0000	52
13	Trichlorotrifluoroethane	101	2.211	2.211	(0.407)	879672	50.0000	52
14	1,1-Dichloroethene	96	2.169	2.169	(0.399)	772247	50.0000	51
15	Carbon Disulfide	76	2.190	2.190	(0.403)	2609589	50.0000	52
16	Iodomethane	142	2.286	2.286	(0.421)	1197421	50.0000	49
17	Acrolein	56	2.441	2.441	(0.449)	1157948	250.000	260
18	2-Propanol	45	2.612	2.612	(0.481)	140602	50.0000	46
19	3-Chloro-1-Propene	41	2.574	2.574	(0.474)	1526692	50.0000	52
20	Methylene Chloride	84	2.665	2.665	(0.490)	988642	50.0000	42
21	Acetone	43	2.708	2.708	(0.498)	449577	50.0000	45
22	trans-1,2-Dichloroethene	96	2.825	2.825	(0.520)	944540	50.0000	51
23	Methyl Acetate	43	2.841	2.841	(0.523)	4892269	50.0000	52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.943	(0.541)	3143813	50.0000	51
	25 tert-Butyl alcohol	59	3.049	3.049	(0.561)	621681	250.000	250
	26 Acetonitrile	41	3.156	3.156	(0.581)	1329065	500.000	510
	27 Isopropyl ether	45	3.359	3.359	(0.618)	3376667	50.0000	51
	28 tert-Butyl ethyl ether	59	3.749	3.749	(0.690)	3258239	50.0000	52
	29 2-Chloro-1,3-Butadiene	88	3.434	3.434	(0.632)	931892	50.0000	53
	30 Acrylonitrile	53	3.487	3.487	(0.642)	856648	100.000	100
	31 1,1-Dichloroethane	63	3.455	3.455	(0.636)	1813903	50.0000	52
	32 Vinyl Acetate	43	3.743	3.743	(0.689)	2845694	50.0000	53
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.742)	1036906	50.0000	51
	34 2,2-Dichloropropane	77	4.143	4.143	(0.762)	1313190	50.0000	53
	35 Bromochloromethane	128	4.240	4.240	(0.780)	528067	50.0000	52
	37 Cyclohexane	84	4.256	4.256	(0.783)	1365911	50.0000	51
	38 Chloroform	83	4.341	4.341	(0.799)	1738428	50.0000	52
	39 Ethyl Acetate	43	4.496	4.496	(0.827)	374722	100.000	77
	40 Methyl Acrylate	55	4.496	4.496	(0.827)	1109247	50.0000	53
$	41 Dibromofluoromethane	111	4.538	4.538	(0.835)	973204	50.0000	50
	42 Tetrahydrofuran	42	4.496	4.496	(0.827)	842763	100.000	98
	43 Carbon Tetrachloride	117	4.480	4.480	(0.824)	1314382	50.0000	54
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.838)	1535999	50.0000	53
	45 2-Butanone	43	4.672	4.672	(0.860)	630010	50.0000	51
	46 1,1-Dichloropropene	75	4.693	4.693	(0.864)	1373935	50.0000	51
	47 tert-Amyl methyl ether	73	5.131	5.131	(0.944)	2814809	50.0000	52
	49 1-Chlorobutane	56	4.757	4.757	(0.875)	1984440	50.0000	52
	50 Heptane	43	4.987	4.987	(0.918)	1259949	50.0000	51
	51 Propionitrile	54	4.971	4.971	(0.915)	1732392	500.000	500
	52 Benzene	78	4.960	4.960	(0.913)	4091753	50.0000	52
	53 2-Methyl-2-Propenenitrile	41	4.992	4.992	(0.919)	1522285	50.0000	49
	54 Isobutyl alcohol	42	5.286	5.286	(0.973)	308165	500.000	470
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	1257586	50.0000	49
	56 1,2-Dichloroethane	62	5.179	5.179	(0.953)	1525575	50.0000	51
	59 Methyl Cyclohexane	83	5.622	5.622	(1.034)	1749865	50.0000	52
	60 Trichloroethene	130	5.638	5.638	(1.037)	1048689	50.0000	50
	63 Dibromomethane	93	6.091	6.091	(1.121)	673565	50.0000	50
	64 1,2-Dichloropropane	63	6.214	6.214	(1.143)	1120321	50.0000	51
	65 Bromodichloromethane	83	6.310	6.310	(1.161)	1348212	50.0000	52
	66 Methyl Methacrylate	69	6.545	6.545	(1.204)	949563	50.0000	53
	67 1,4-Dioxane	58	6.550	6.550	(1.205)	95300	500.000	450
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.293)	765060	50.0000	52
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.299)	1667415	50.0000	53
	71 Chloroacetonitrile	48	7.516	7.516	(1.383)	385981	500.000	560
	72 2-Nitropropane	41	7.602	7.602	(1.399)	715160	100.000	110
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.448)	1633732	50.0000	54
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.482)	943586	50.0000	51
*	75 Chlorobenzene-d5	117	9.197	9.197	(1.000)	1528816	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	4517168	50.0000	50
$	77 Toluene-d8	98	7.287	7.287	(0.792)	3817681	50.0000	50
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.829)	2702520	250.000	290
	79 4-Methyl-2-Pentanone	43	7.831	7.831	(0.851)	1221607	50.0000	51
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	868458	50.0000	52
	81 Ethyl Methacrylate	69	8.125	8.125	(0.883)	1314316	50.0000	54
	82 Dibromochloromethane	129	8.264	8.264	(0.898)	1070529	50.0000	53
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	1615420	50.0000	50
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	1013404	50.0000	51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	923938	50.0000	50
87	1-Chlorohexane	91	9.251	9.251	(1.006)	1113093	50.0000	50(M)
88	Chlorobenzene	112	9.213	9.213	(1.002)	2849959	50.0000	50
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	963853	50.0000	52
90	Ethylbenzene	106	9.283	9.283	(1.009)	1617606	50.0000	51
91	Xylene (total)mp	106	9.464	9.464	(1.029)	3814662	100.000	100
92	Xylene (total)o	106	9.918	9.918	(1.078)	1840244	50.0000	51
93	Styrene	104	9.971	9.971	(1.084)	3048168	50.0000	52
94	Bromoform	173	9.966	9.966	(1.084)	719555	50.0000	56
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	886262	25.0000	
96	Isopropylbenzene	105	10.244	10.244	(0.895)	4498842	50.0000	51
97	Bromobenzene	156	10.569	10.569	(0.923)	1243886	50.0000	50
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	1262696	50.0000	50
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	4726838	50.0000	52
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	366778	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	858387	100.000	100(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	5525520	50.0000	51
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	3935805	50.0000	51
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	3559980	50.0000	51
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	4089950	50.0000	51
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	3375446	50.0000	51
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	4189105	50.0000	51
108	sec-Butylbenzene	105	11.236	11.236	(0.981)	4870634	50.0000	51
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	4126549	50.0000	51
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	2370161	50.0000	50
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	2411993	50.0000	50
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	2324408	50.0000	50
113	Benzyl Chloride	126	11.663	11.663	(1.019)	465924	50.0000	60
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	2247985	50.0000	51
115	n-Butylbenzene	91	11.690	11.690	(1.021)	3920457	50.0000	50
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	4311709	50.0000	52
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	290764	50.0000	52
120	Nitrobenzene	77	12.795	12.795	(1.117)	873672	500.000	630
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	1866259	50.0000	49
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	706359	50.0000	47
123	Naphthalene	128	13.109	13.109	(1.145)	5097302	50.0000	46
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	1838842	50.0000	48
$ 125	Bromofluorobenzene	95	10.489	10.489	(0.916)	1479965	50.0000	48
M 126	1,2-Dichloroethene (total)	100				1981446	100.000	100
M 127	Xylene (total)	100				5654906	150.000	150

QC Flag Legend

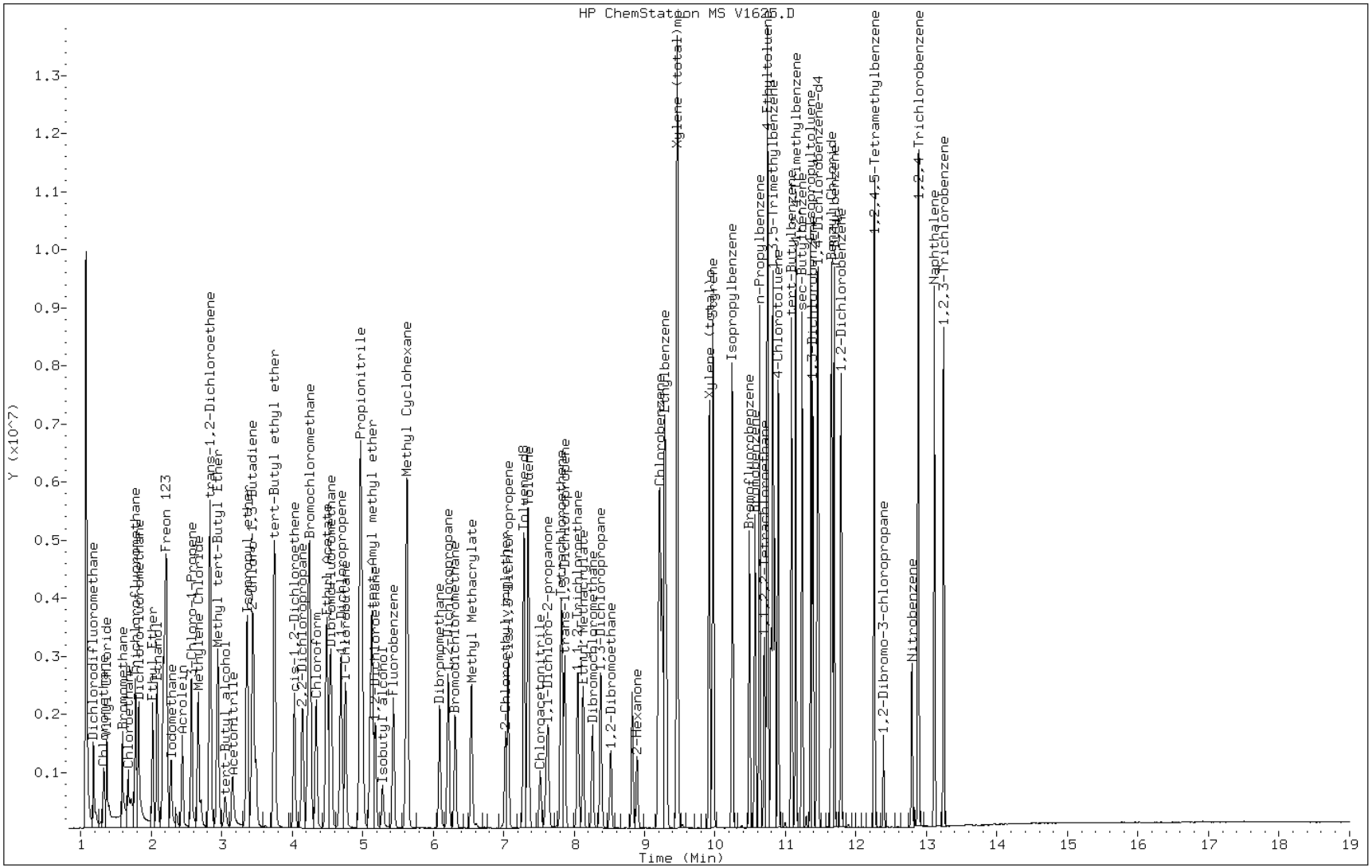
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1625.D

Date: 23-APR-2010 15:30

Client ID: IC;50 Instrument: msv.i

Sample Info: IC;50 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1625.D
Inj. Date and Time: 23-APR-2010 15:30
Instrument ID: msv.i
Client ID: IC;50
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 04/29/2010

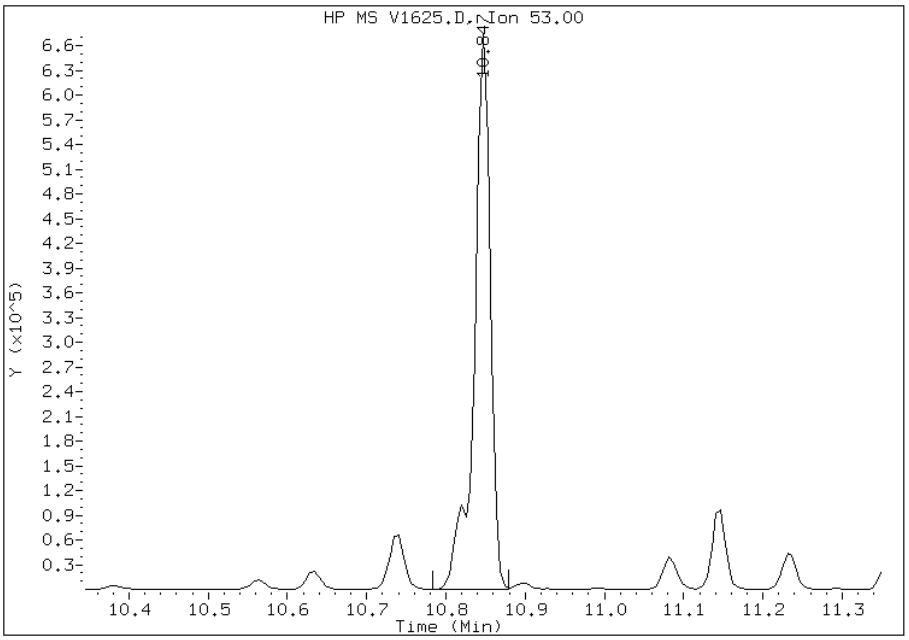
Processing Integration Results

RT: 10.85

Response: 930751

Amount: 105

Conc: 105



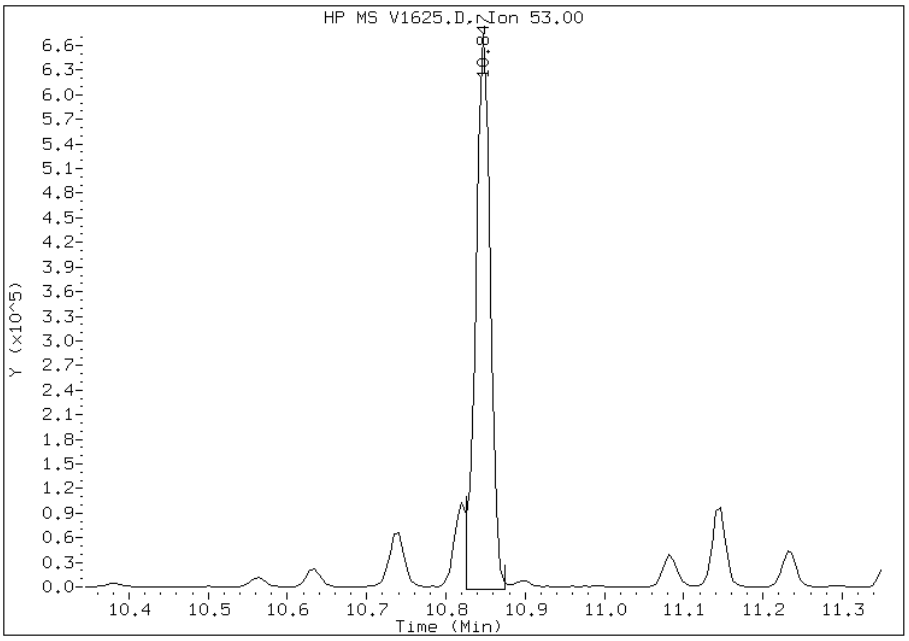
Manual Integration Results

RT: 10.85

Response: 858387

Amount: 100

Conc: 100



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1625.D
Inj. Date and Time: 23-APR-2010 15:30
Instrument ID: msv.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 04/29/2010

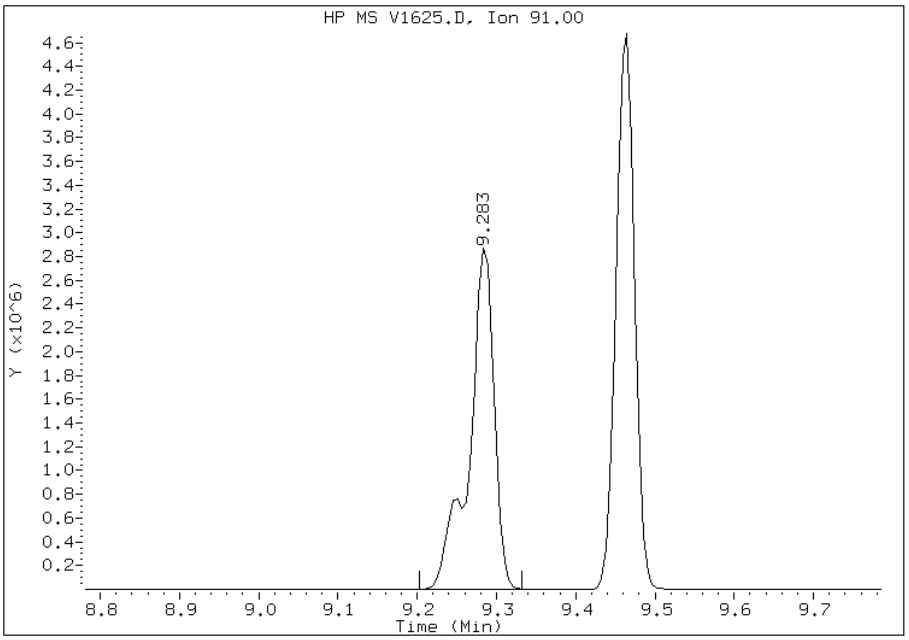
Processing Integration Results

RT: 9.28

Response: 6155335

Amount: 56

Conc: 56



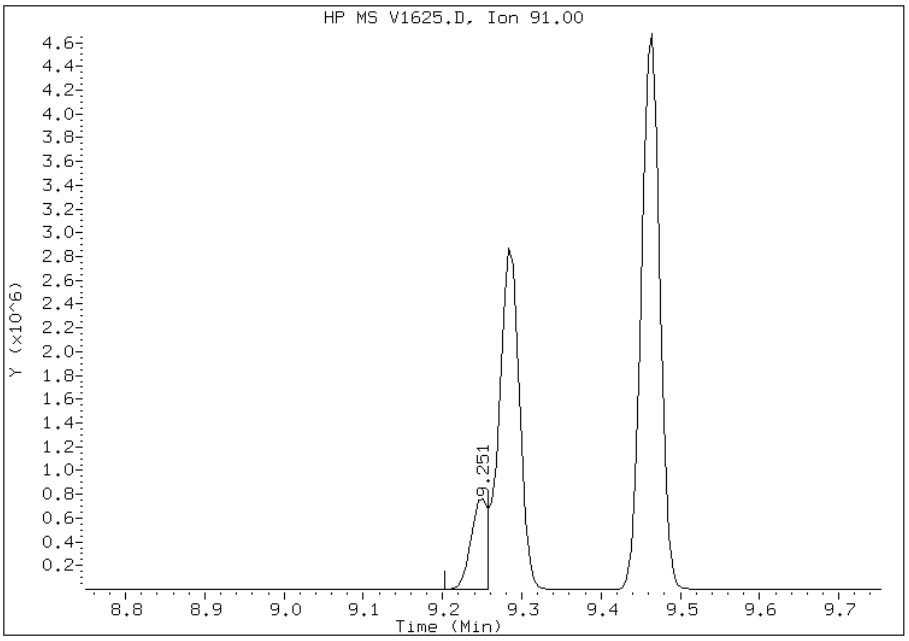
Manual Integration Results

RT: 9.25

Response: 1113093

Amount: 50

Conc: 50



Manually Integrated By: barbara
Manual Integration Reason:

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1626.D
Lab Smp Id: ICIS Client Smp ID: ICIS
Inj Date : 23-APR-2010 15:58 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : ICIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:42 magda Quant Type: ISTD
Cal Date : 23-APR-2010 15:58 Cal File: V1626.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	2057557	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	357008	20.0000	22
3	Chloromethane	50	1.336	1.336	(0.246)	406353	20.0000	21
4	Vinyl Chloride	62	1.374	1.374	(0.253)	425619	20.0000	20
5	Bromomethane	94	1.598	1.598	(0.294)	262452	20.0000	20
6	Chloroethane	64	1.683	1.683	(0.309)	214335	20.0000	22(M)
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	566332	20.0000	22(H)
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	673166	20.0000	22
9	Ethyl Ether	45	2.025	2.025	(0.372)	251601	20.0000	20
10	Ethanol	45	2.089	2.089	(0.384)	160069	200.000	210
12	Freon 123	67	2.222	2.222	(0.409)	78459	20.0000	20
13	Trichlorotrifluoroethane	101	2.211	2.211	(0.407)	341432	20.0000	21
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	301786	20.0000	21
15	Carbon Disulfide	76	2.195	2.195	(0.404)	1015082	20.0000	21
16	Iodomethane	142	2.286	2.286	(0.420)	448712	20.0000	19
17	Acrolein	56	2.441	2.441	(0.449)	443295	100.000	100
18	2-Propanol	45	2.606	2.606	(0.479)	62104	20.0000	21
19	3-Chloro-1-Propene	41	2.574	2.574	(0.473)	585811	20.0000	20
20	Methylene Chloride	84	2.670	2.670	(0.491)	406471	20.0000	18
21	Acetone	43	2.708	2.708	(0.498)	175722	20.0000	18
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.520)	363137	20.0000	20
23	Methyl Acetate	43	2.841	2.841	(0.522)	1929406	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.948	2.948	(0.542)	1218952	20.0000	20
	25 tert-Butyl alcohol	59	3.044	3.044	(0.560)	247580	100.000	100
	26 Acetonitrile	41	3.156	3.156	(0.580)	503725	200.000	200
	27 Isopropyl ether	45	3.359	3.359	(0.617)	1310456	20.0000	20
	28 tert-Butyl ethyl ether	59	3.748	3.748	(0.689)	1259478	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	354178	20.0000	21
	30 Acrylonitrile	53	3.492	3.492	(0.642)	370401	40.0000	45
	31 1,1-Dichloroethane	63	3.455	3.455	(0.635)	697962	20.0000	20
	32 Vinyl Acetate	43	3.748	3.748	(0.689)	1079534	20.0000	21
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.741)	400584	20.0000	20
	34 2,2-Dichloropropane	77	4.149	4.149	(0.763)	493491	20.0000	20
	35 Bromochloromethane	128	4.239	4.239	(0.779)	204584	20.0000	20
	37 Cyclohexane	84	4.255	4.255	(0.782)	533042	20.0000	20
	38 Chloroform	83	4.346	4.346	(0.799)	667070	20.0000	20
	39 Ethyl Acetate	43	4.501	4.501	(0.827)	150290	40.0000	32
	40 Methyl Acrylate	55	4.496	4.496	(0.826)	427301	20.0000	21
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	371890	20.0000	20
	42 Tetrahydrofuran	42	4.496	4.496	(0.826)	331790	40.0000	40
	43 Carbon Tetrachloride	117	4.485	4.485	(0.824)	493221	20.0000	21
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	585198	20.0000	21
	45 2-Butanone	43	4.672	4.672	(0.859)	243640	20.0000	20
	46 1,1-Dichloropropene	75	4.693	4.693	(0.863)	536550	20.0000	20
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	1082792	20.0000	20
	49 1-Chlorobutane	56	4.757	4.757	(0.874)	765992	20.0000	21
	50 Heptane	43	4.987	4.987	(0.917)	479593	20.0000	20
	51 Propionitrile	54	4.971	4.971	(0.914)	682915	200.000	200
	52 Benzene	78	4.965	4.965	(0.913)	1585472	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.997	4.997	(0.919)	592044	20.0000	20
	54 Isobutyl alcohol	42	5.280	5.280	(0.971)	124050	200.000	190
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.938)	489963	20.0000	20
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	592544	20.0000	20
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	677004	20.0000	20
	60 Trichloroethene	130	5.638	5.638	(1.036)	408107	20.0000	20
	63 Dibromomethane	93	6.091	6.091	(1.120)	259072	20.0000	20
	64 1,2-Dichloropropane	63	6.214	6.214	(1.142)	428584	20.0000	20
	65 Bromodichloromethane	83	6.310	6.310	(1.160)	512997	20.0000	20
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	368368	20.0000	21
	67 1,4-Dioxane	58	6.550	6.550	(1.204)	39834	200.000	190
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	290855	20.0000	20
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.298)	632935	20.0000	21
	71 Chloroacetonitrile	48	7.516	7.516	(1.382)	141589	200.000	210
	72 2-Nitropropane	41	7.607	7.607	(1.398)	262863	40.0000	40
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.446)	611566	20.0000	21
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	366545	20.0000	20
*	75 Chlorobenzene-d5	117	9.197	9.197	(1.000)	1485700	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	1762331	20.0000	20
$	77 Toluene-d8	98	7.287	7.287	(0.792)	1492212	20.0000	20
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.829)	976914	100.000	110
	79 4-Methyl-2-Pentanone	43	7.831	7.831	(0.851)	489383	20.0000	21
	80 Tetrachloroethene	164	7.810	7.810	(0.849)	333092	20.0000	20
	81 Ethyl Methacrylate	69	8.125	8.125	(0.883)	497127	20.0000	21
	82 Dibromochloromethane	129	8.263	8.263	(0.898)	405614	20.0000	20
	83 1,3-Dichloropropane	76	8.381	8.381	(0.911)	632362	20.0000	20
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	393729	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	375525	20.0000	21
87	1-Chlorohexane	91	9.251	9.251	(1.006)	511290	20.0000	24(H)
88	Chlorobenzene	112	9.213	9.213	(1.002)	1100069	20.0000	20
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	365111	20.0000	20
90	Ethylbenzene	106	9.283	9.283	(1.009)	620039	20.0000	20
91	Xylene (total)mp	106	9.464	9.464	(1.029)	1473697	40.0000	41
92	Xylene (total)o	106	9.918	9.918	(1.078)	708858	20.0000	20
93	Styrene	104	9.971	9.971	(1.084)	1160218	20.0000	20
94	Bromoform	173	9.966	9.966	(1.084)	263510	20.0000	21
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	851029	25.0000	
96	Isopropylbenzene	105	10.243	10.243	(0.895)	1742237	20.0000	20
97	Bromobenzene	156	10.569	10.569	(0.923)	476386	20.0000	20
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	485774	20.0000	20
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	1820965	20.0000	21
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	145651	20.0000	20
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	318759	40.0000	39(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	2163292	20.0000	21
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	1507415	20.0000	20
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	1364854	20.0000	20
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	1568281	20.0000	20
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	1304342	20.0000	20
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	1616852	20.0000	20
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	1876851	20.0000	20
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	1590185	20.0000	20
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	911587	20.0000	20
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	928287	20.0000	20
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	894208	20.0000	20
113	Benzyl Chloride	126	11.663	11.663	(1.019)	158741	20.0000	21
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	845569	20.0000	20
115	n-Butylbenzene	91	11.690	11.690	(1.021)	1489232	20.0000	20
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	1627775	20.0000	20
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	108473	20.0000	20
120	Nitrobenzene	77	12.795	12.795	(1.117)	250674	200.000	190
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	710976	20.0000	19
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	269322	20.0000	18
123	Naphthalene	128	13.109	13.109	(1.145)	2039440	20.0000	19
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	712158	20.0000	19
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	574793	20.0000	19
M 126	1,2-Dichloroethene (total)	100				763721	40.0000	40
M 127	Xylene (total)	100				2182555	60.0000	61

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1626.D

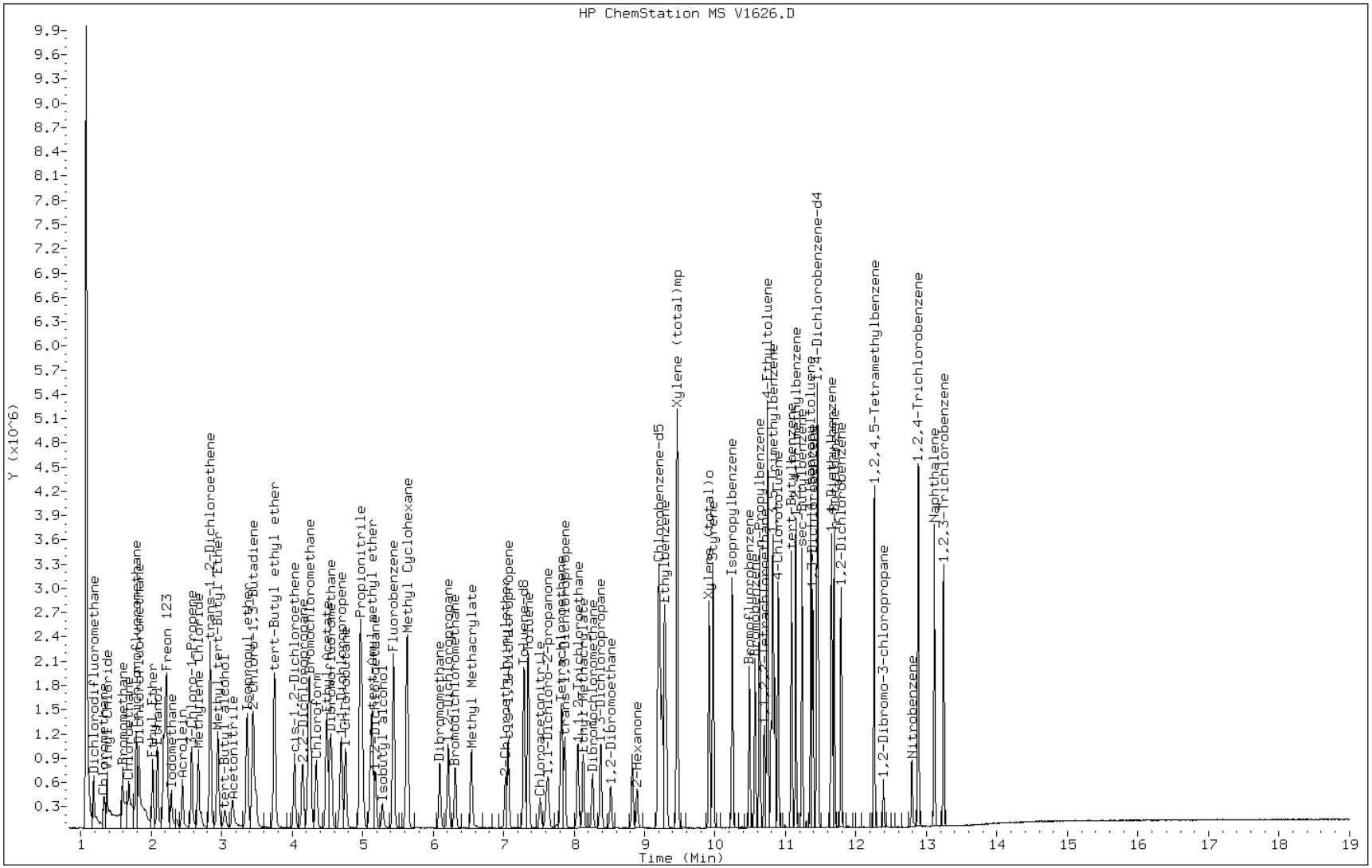
Date: 23-APR-2010 15:58

Client ID: ICIS

Instrument: msv.i

Sample Info: ICIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1626.D
Inj. Date and Time: 23-APR-2010 15:58
Instrument ID: msv.i
Client ID: ICIS
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 04/29/2010

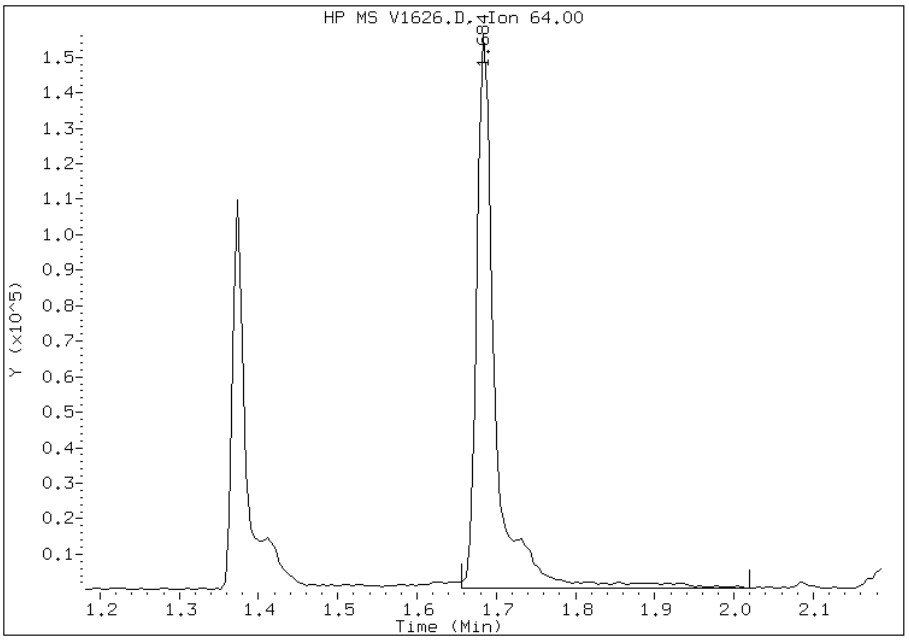
Processing Integration Results

RT: 1.68

Response: 252766

Amount: 26

Conc: 26



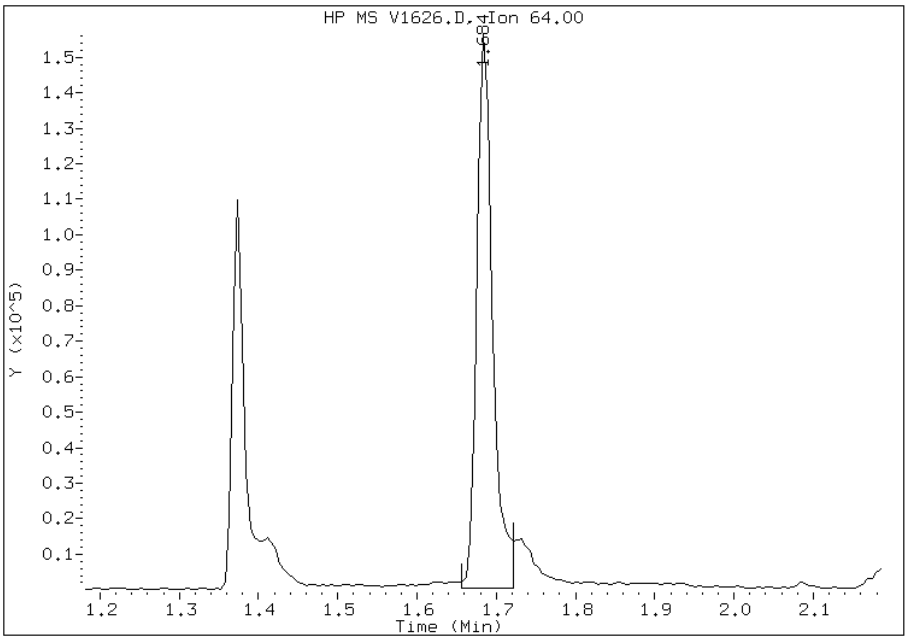
Manual Integration Results

RT: 1.68

Response: 214335

Amount: 22

Conc: 22



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1626.D
Inj. Date and Time: 23-APR-2010 15:58
Instrument ID: msv.i
Client ID: ICIS
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 04/29/2010

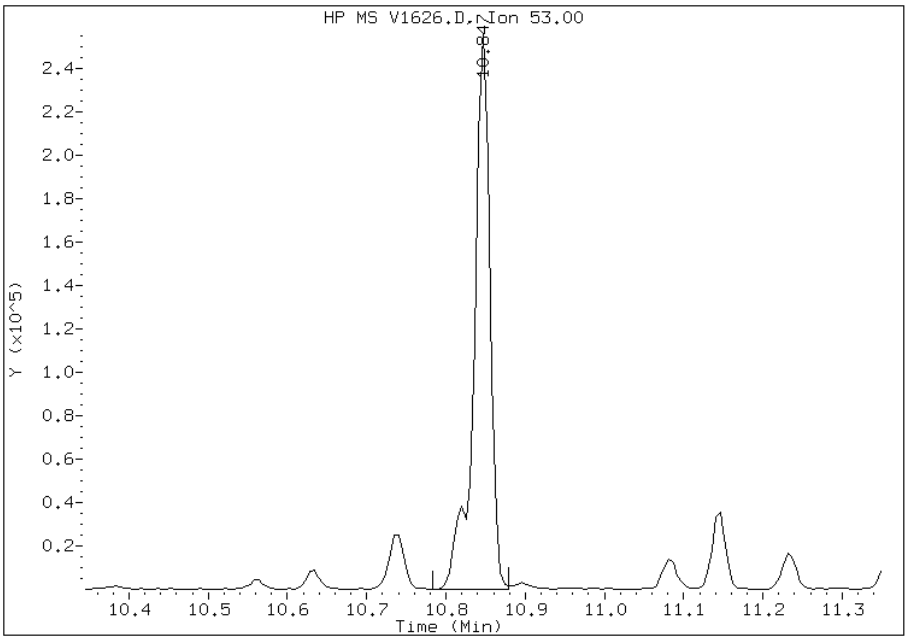
Processing Integration Results

RT: 10.85

Response: 352633

Amount: 43

Conc: 43



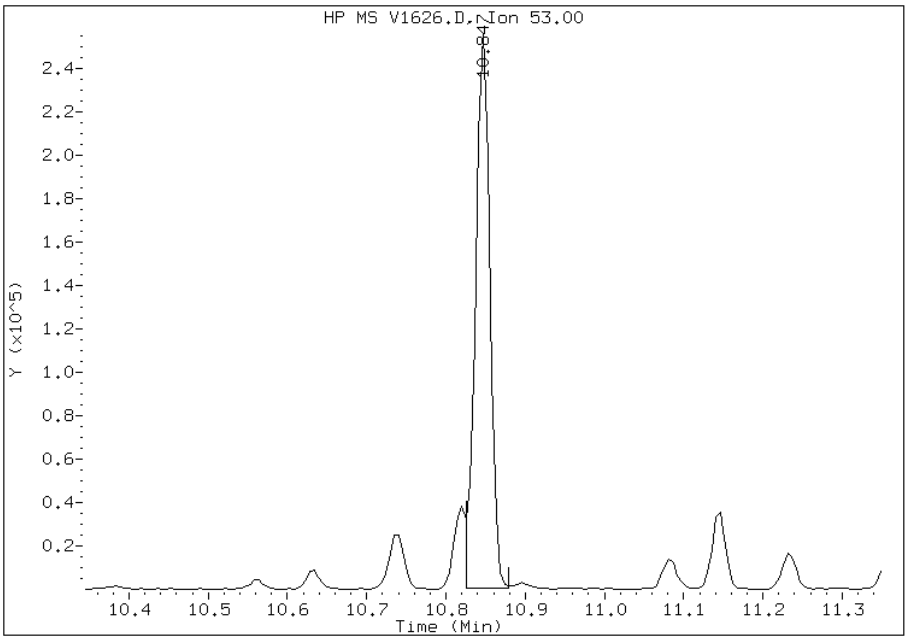
Manual Integration Results

RT: 10.85

Response: 318759

Amount: 39

Conc: 39



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1627.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 23-APR-2010 16:25 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:54 magda Quant Type: ISTD
Cal Date : 23-APR-2010 16:25 Cal File: V1627.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	2024096	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	73081	5.00000	4
3	Chloromethane	50	1.336	1.336	(0.246)	84717	5.00000	4(M)
4	Vinyl Chloride	62	1.374	1.374	(0.253)	93290	5.00000	4
5	Bromomethane	94	1.598	1.598	(0.294)	58843	5.00000	5(M)
6	Chloroethane	64	1.683	1.683	(0.309)	49911	5.00000	5(M)
7	Trichlorofluoromethane	101	1.785	1.785	(0.328)	120599	5.00000	5
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	138106	5.00000	5(M)
9	Ethyl Ether	45	2.019	2.019	(0.371)	57051	5.00000	5
10	Ethanol	45	2.089	2.089	(0.384)	32466	50.0000	43
12	Freon 123	67	2.222	2.222	(0.409)	17813	5.00000	4
13	Trichlorotrifluoroethane	101	2.212	2.212	(0.407)	71952	5.00000	4
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	62124	5.00000	4
15	Carbon Disulfide	76	2.195	2.195	(0.404)	214255	5.00000	4
16	Iodomethane	142	2.286	2.286	(0.420)	102575	5.00000	4
17	Acrolein	56	2.446	2.446	(0.450)	99156	25.0000	23
18	2-Propanol	45	2.612	2.612	(0.480)	14425	5.00000	5
19	3-Chloro-1-Propene	41	2.574	2.574	(0.473)	124718	5.00000	4
20	Methylene Chloride	84	2.670	2.670	(0.491)	116949	5.00000	5
21	Acetone	43	2.708	2.708	(0.498)	49491	5.00000	5
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.520)	79166	5.00000	4
23	Methyl Acetate	43	2.841	2.841	(0.522)	443312	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.948	2.948	(0.542)	277295	5.00000	5
	25 tert-Butyl alcohol	59	3.044	3.044	(0.560)	57771	25.0000	24
	26 Acetonitrile	41	3.156	3.156	(0.580)	124248	50.0000	50
	27 Isopropyl ether	45	3.359	3.359	(0.617)	292562	5.00000	5
	28 tert-Butyl ethyl ether	59	3.754	3.754	(0.690)	282676	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	72137	5.00000	4
	30 Acrylonitrile	53	3.492	3.492	(0.642)	77346	10.0000	10
	31 1,1-Dichloroethane	63	3.455	3.455	(0.635)	152786	5.00000	4
	32 Vinyl Acetate	43	3.749	3.749	(0.689)	240957	5.00000	5
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.741)	89955	5.00000	4
	34 2,2-Dichloropropane	77	4.149	4.149	(0.763)	104153	5.00000	4
	35 Bromochloromethane	128	4.245	4.245	(0.780)	44027	5.00000	4
	37 Cyclohexane	84	4.256	4.256	(0.782)	108892	5.00000	4
	38 Chloroform	83	4.346	4.346	(0.799)	148609	5.00000	5
	39 Ethyl Acetate	43	4.501	4.501	(0.827)	38383	10.0000	8(M)
	40 Methyl Acrylate	55	4.496	4.496	(0.826)	93825	5.00000	5
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	84672	5.00000	4
	42 Tetrahydrofuran	42	4.501	4.501	(0.827)	77956	10.0000	9
	43 Carbon Tetrachloride	117	4.485	4.485	(0.824)	103229	5.00000	4
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	123120	5.00000	4
	45 2-Butanone	43	4.672	4.672	(0.859)	56826	5.00000	5
	46 1,1-Dichloropropene	75	4.699	4.699	(0.864)	113791	5.00000	4
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	245974	5.00000	5
	49 1-Chlorobutane	56	4.757	4.757	(0.874)	163565	5.00000	4
	50 Heptane	43	4.987	4.987	(0.917)	103733	5.00000	4(H)
	51 Propionitrile	54	4.971	4.971	(0.914)	155666	50.0000	47
	52 Benzene	78	4.960	4.960	(0.912)	347498	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	4.997	4.997	(0.919)	130268	5.00000	4
	54 Isobutyl alcohol	42	5.280	5.280	(0.971)	26813	50.0000	44(M)
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.938)	115826	5.00000	5
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	137699	5.00000	5
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	143849	5.00000	4
	60 Trichloroethene	130	5.638	5.638	(1.036)	88323	5.00000	4
	63 Dibromomethane	93	6.091	6.091	(1.120)	60478	5.00000	5
	64 1,2-Dichloropropane	63	6.214	6.214	(1.142)	96907	5.00000	5
	65 Bromodichloromethane	83	6.316	6.316	(1.161)	111716	5.00000	4
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	83154	5.00000	5
	67 1,4-Dioxane	58	6.556	6.556	(1.205)	11031	50.0000	52(M)
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	69119	5.00000	5
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.298)	136702	5.00000	4
	71 Chloroacetonitrile	48	7.516	7.516	(1.382)	30135	50.0000	45
	72 2-Nitropropane	41	7.607	7.607	(1.398)	57009	10.0000	9
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.446)	131427	5.00000	4
	74 1,1,2-Trichloroethane	97	8.050	8.050	(1.480)	85915	5.00000	5
*	75 Chlorobenzene-d5	117	9.198	9.198	(1.000)	1462000	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	389717	5.00000	4
$	77 Toluene-d8	98	7.287	7.287	(0.792)	335560	5.00000	4
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.829)	193268	25.0000	22
	79 4-Methyl-2-Pentanone	43	7.831	7.831	(0.851)	107939	5.00000	5
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	70417	5.00000	4
	81 Ethyl Methacrylate	69	8.125	8.125	(0.883)	108019	5.00000	5
	82 Dibromochloromethane	129	8.264	8.264	(0.898)	88614	5.00000	4
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	146599	5.00000	5
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	89465	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	82203	5.00000	5
87	1-Chlorohexane	91	9.246	9.246	(1.005)	84851	5.00000	4(MH)
88	Chlorobenzene	112	9.214	9.214	(1.002)	252724	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	80856	5.00000	5
90	Ethylbenzene	106	9.283	9.283	(1.009)	136161	5.00000	4
91	Xylene (total)mp	106	9.464	9.464	(1.029)	326239	10.0000	9
92	Xylene (total)o	106	9.918	9.918	(1.078)	156082	5.00000	4
93	Styrene	104	9.971	9.971	(1.084)	254770	5.00000	4
94	Bromoform	173	9.966	9.966	(1.084)	56401	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	825403	25.0000	
96	Isopropylbenzene	105	10.244	10.244	(0.895)	379079	5.00000	5
97	Bromobenzene	156	10.569	10.569	(0.923)	110411	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	112501	5.00000	5
99	4-Ethyltoluene	105	10.735	10.735	(0.938)	399666	5.00000	5
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	34545	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	67622	10.0000	9(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	470559	5.00000	5
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	336581	5.00000	5
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	307932	5.00000	5
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	343861	5.00000	5
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	285896	5.00000	5
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	354440	5.00000	5
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	406509	5.00000	4
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	341844	5.00000	4
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	208988	5.00000	5
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	212008	5.00000	5
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	203934	5.00000	5
113	Benzyl Chloride	126	11.663	11.663	(1.019)	30242	5.00000	4
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	182803	5.00000	4
115	n-Butylbenzene	91	11.690	11.690	(1.021)	318031	5.00000	4
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	359927	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	23584	5.00000	4
120	Nitrobenzene	77	12.789	12.789	(1.117)	48435	50.0000	38
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	165154	5.00000	5
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	61849	5.00000	4
123	Naphthalene	128	13.109	13.109	(1.145)	496860	5.00000	5
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	171535	5.00000	5
$ 125	Bromofluorobenzene	95	10.489	10.489	(0.916)	132190	5.00000	4
M 126	1,2-Dichloroethene (total)	100				169121	10.0000	9
M 127	Xylene (total)	100				482321	15.0000	14

QC Flag Legend

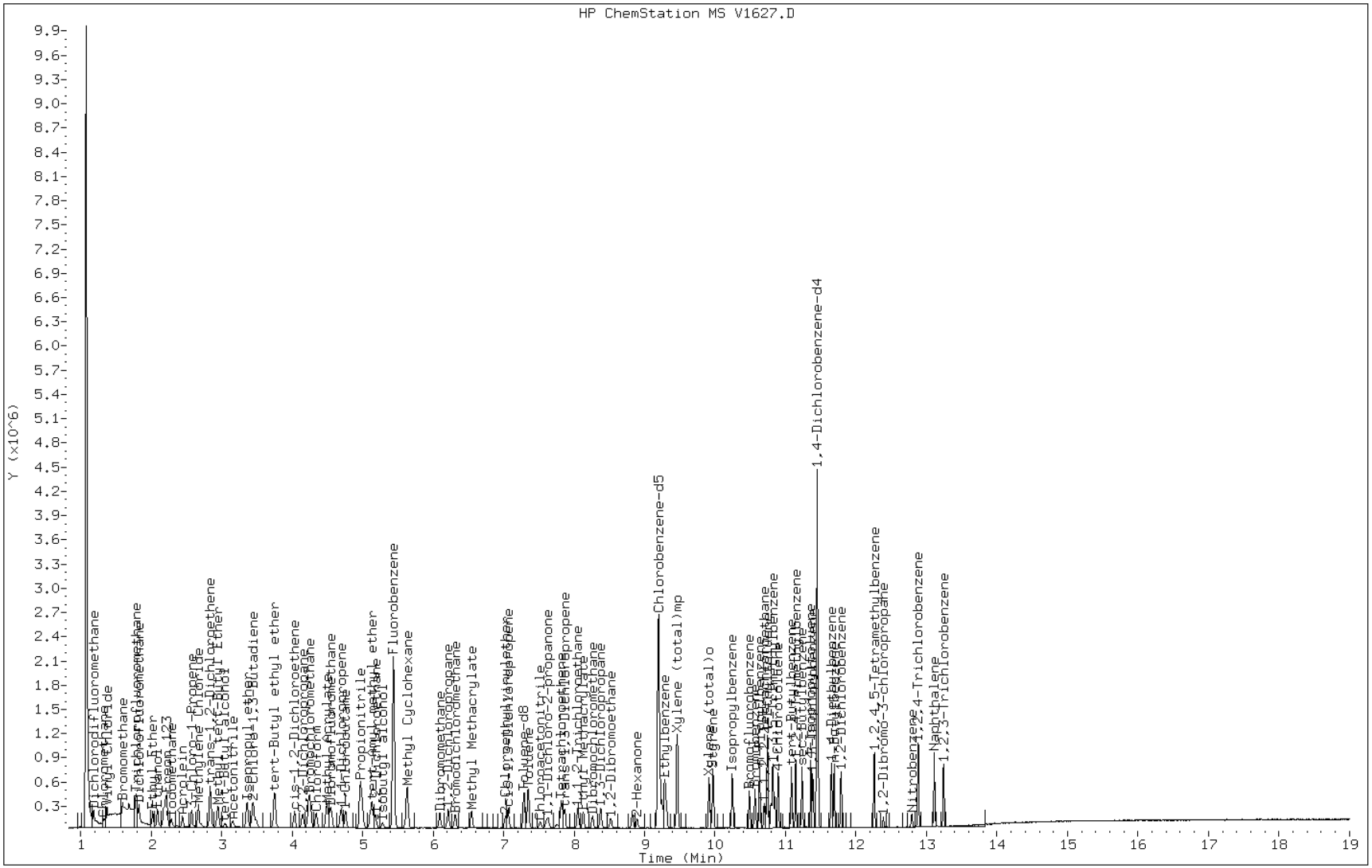
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1627.D

Date: 23-APR-2010 16:25

Client ID: IC;5 Instrument: msv.i

Sample Info: IC;5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 04/29/2010

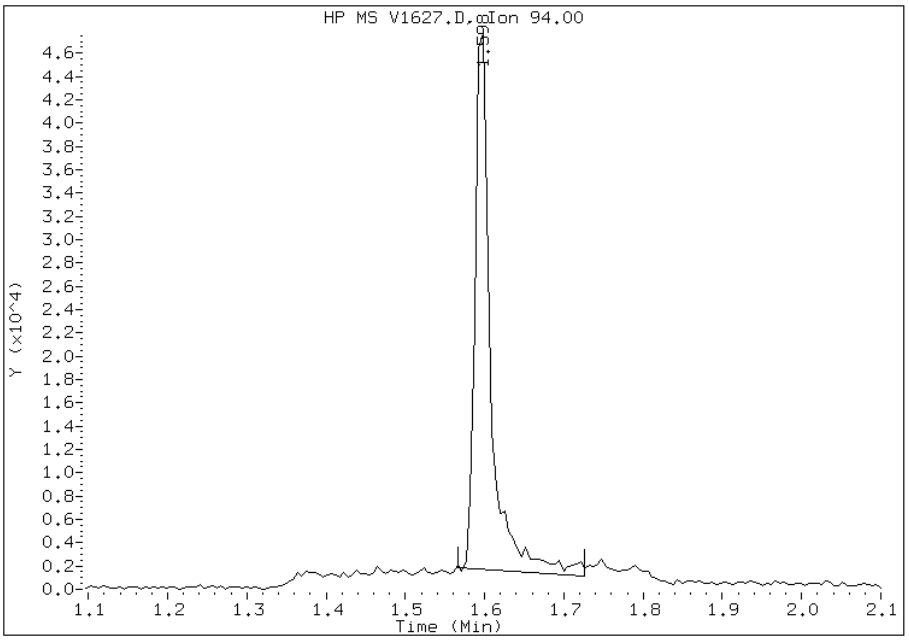
Processing Integration Results

RT: 1.60

Response: 63707

Amount: 5

Conc: 5



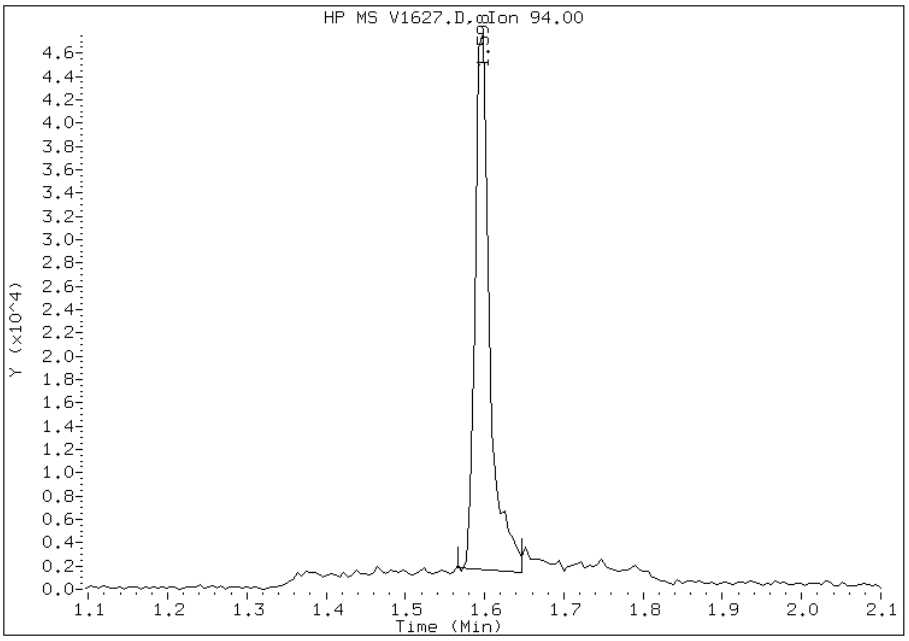
Manual Integration Results

RT: 1.60

Response: 58843

Amount: 5

Conc: 5



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 04/29/2010

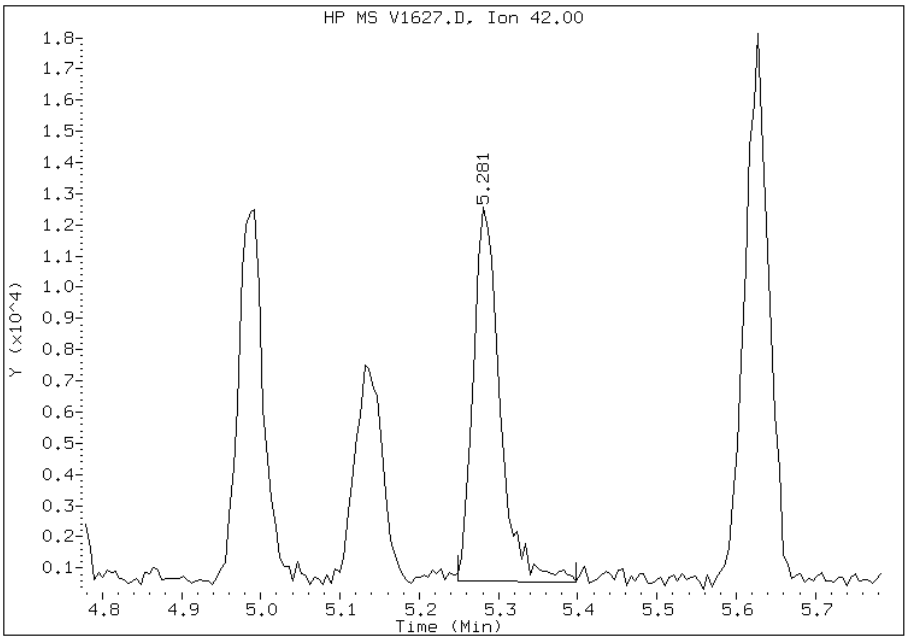
Processing Integration Results

RT: 5.28

Response: 27917

Amount: 45

Conc: 45



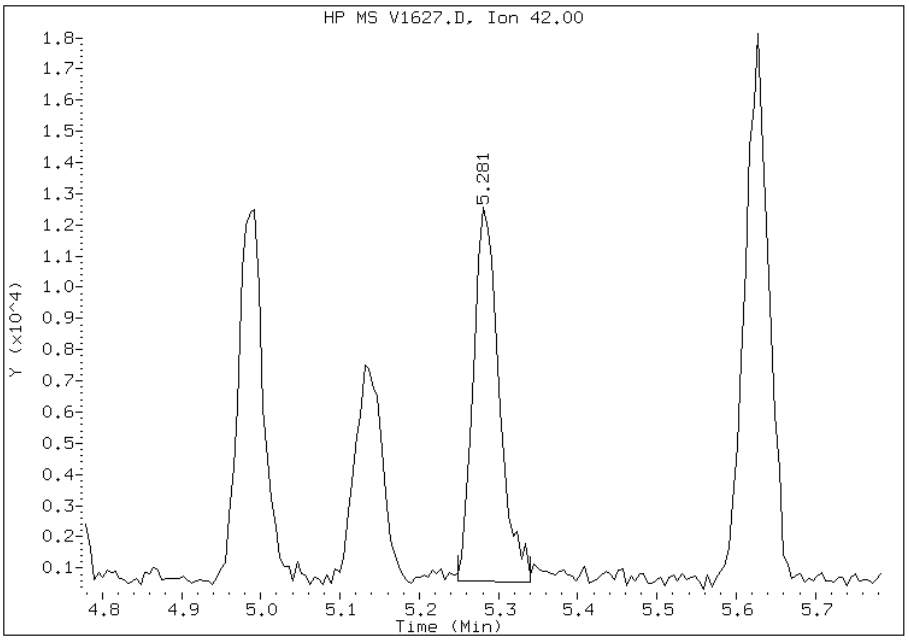
Manual Integration Results

RT: 5.28

Response: 26813

Amount: 44

Conc: 44



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 04/29/2010

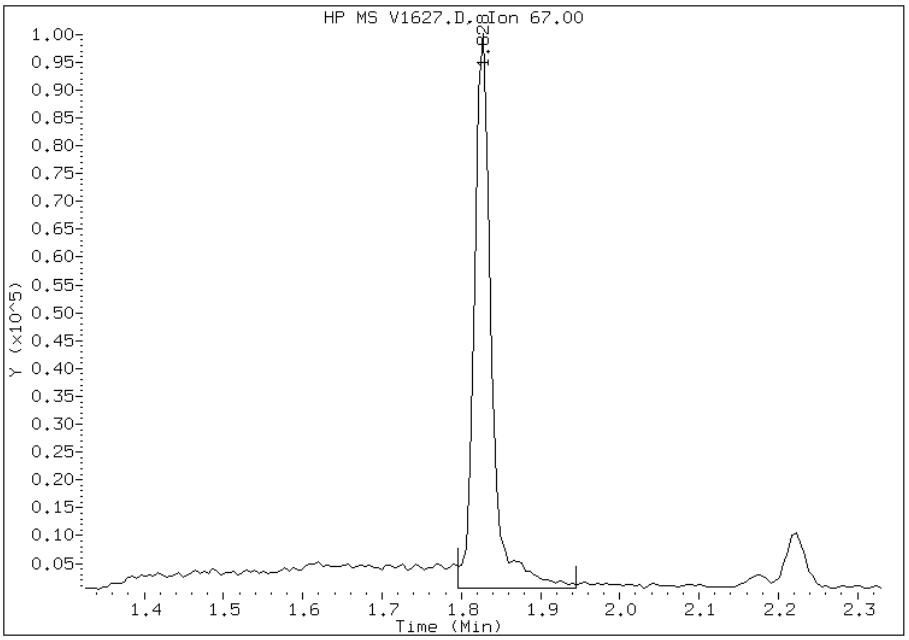
Processing Integration Results

RT: 1.83

Response: 148912

Amount: 5

Conc: 5



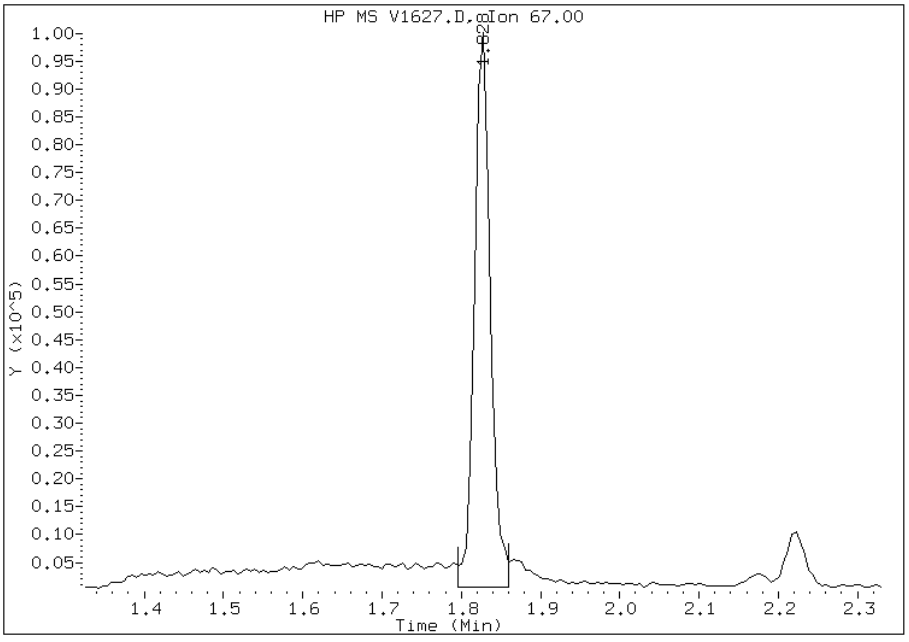
Manual Integration Results

RT: 1.83

Response: 138106

Amount: 5

Conc: 5



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 04/29/2010

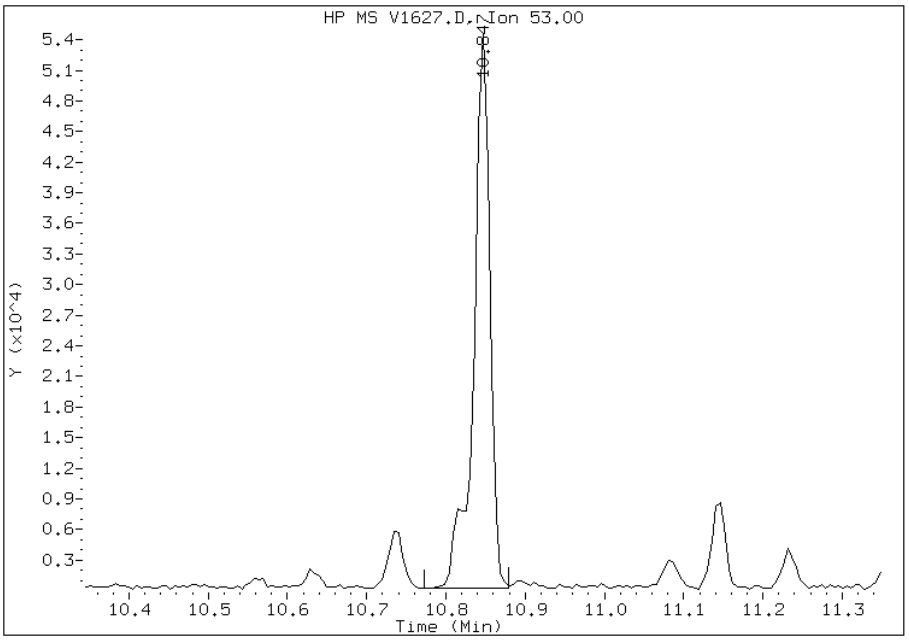
Processing Integration Results

RT: 10.85

Response: 76190

Amount: 10

Conc: 10



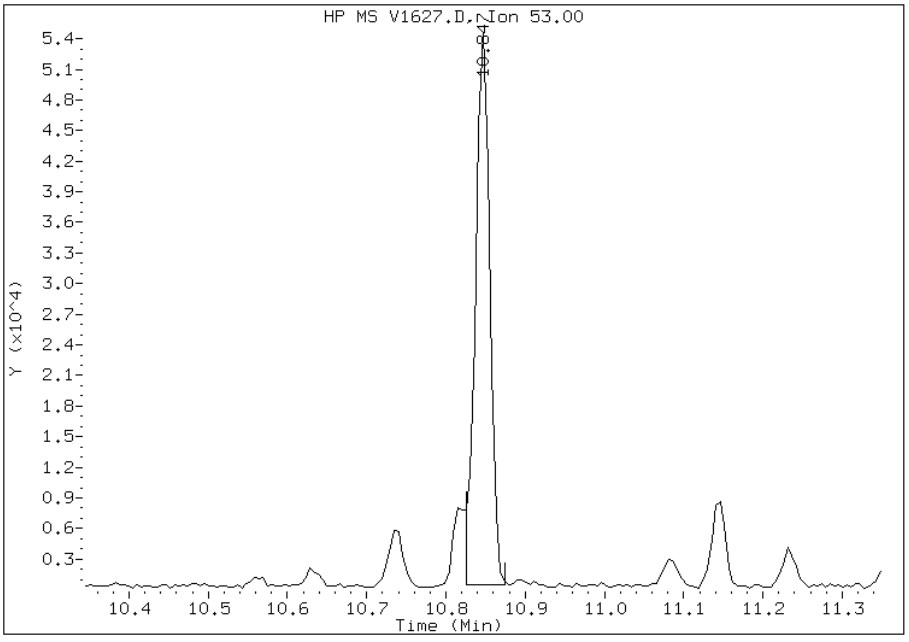
Manual Integration Results

RT: 10.85

Response: 67622

Amount: 9

Conc: 9



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 04/29/2010

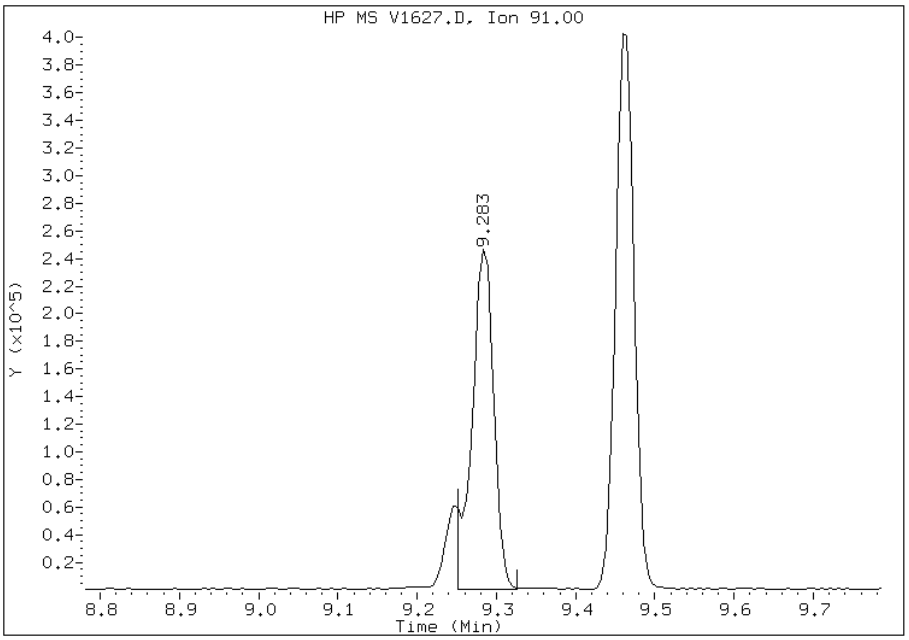
Processing Integration Results

RT: 9.28

Response: 468276

Amount: 5

Conc: 5



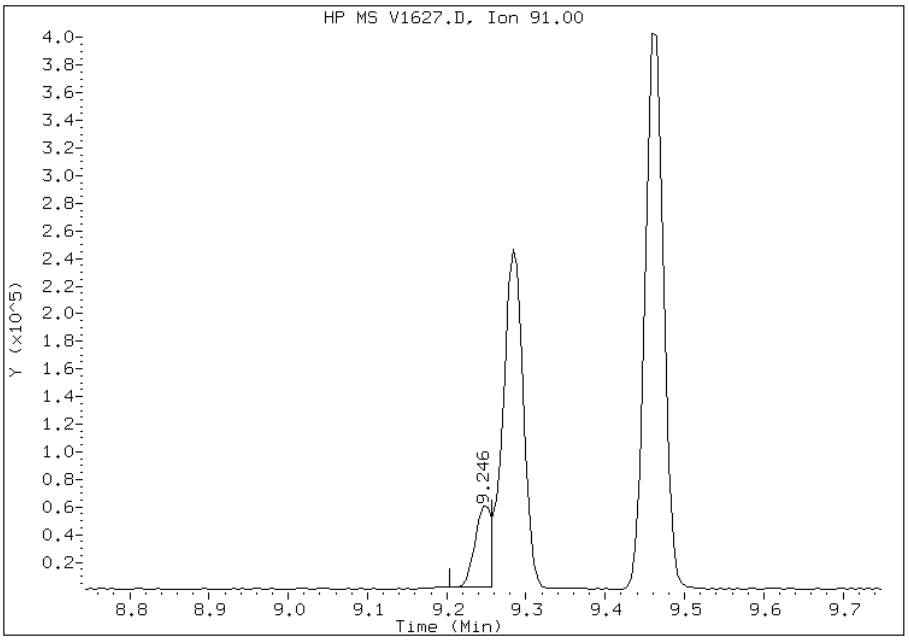
Manual Integration Results

RT: 9.25

Response: 84851

Amount: 4

Conc: 4



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 04/29/2010

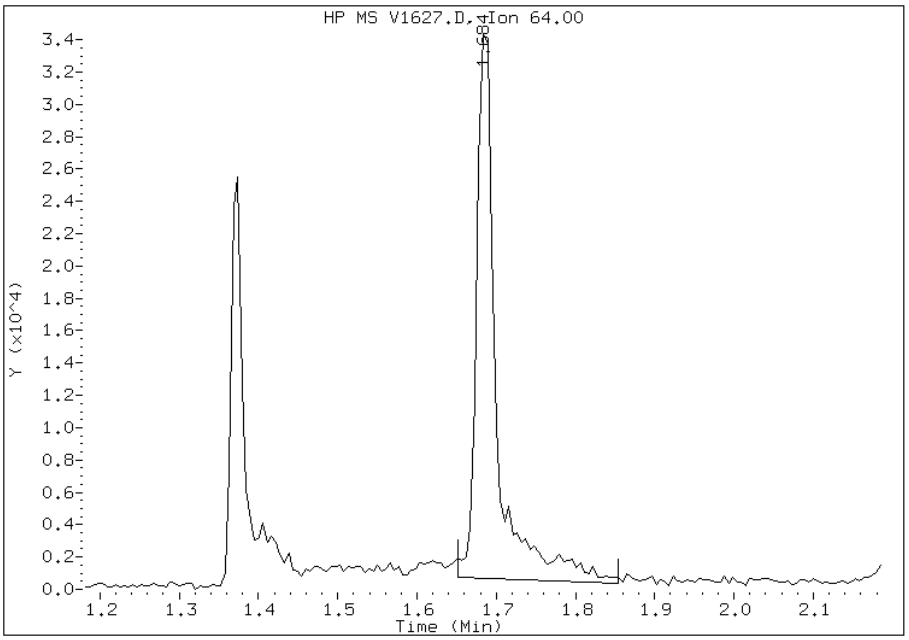
Processing Integration Results

RT: 1.68

Response: 59503

Amount: 6

Conc: 6



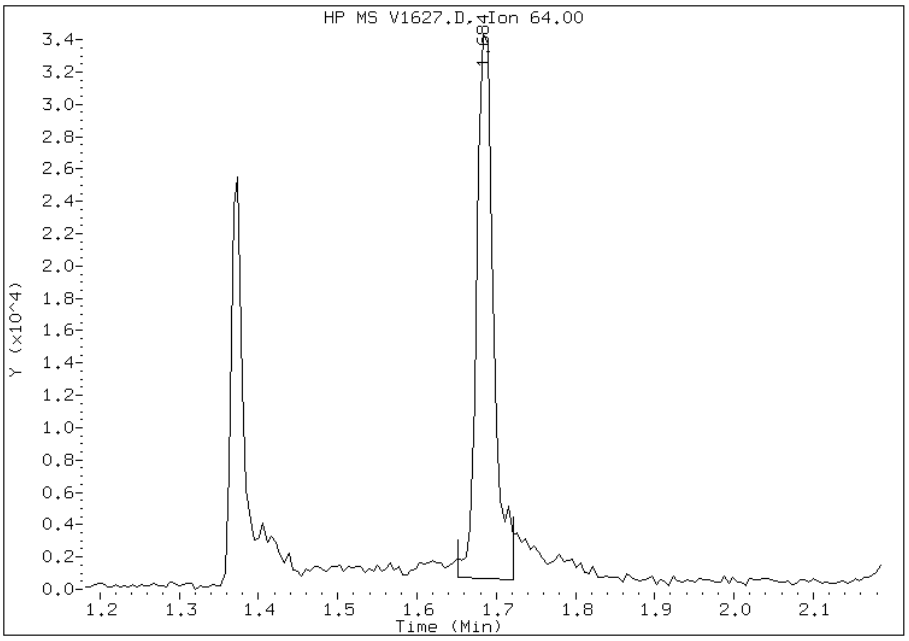
Manual Integration Results

RT: 1.68

Response: 49911

Amount: 5

Conc: 5



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 04/29/2010

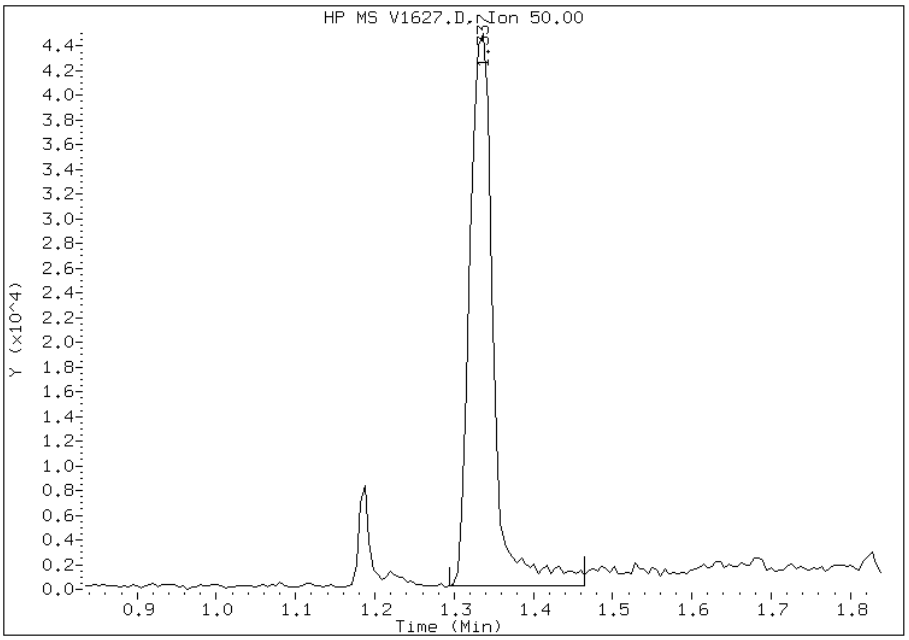
Processing Integration Results

RT: 1.34

Response: 92643

Amount: 5

Conc: 5



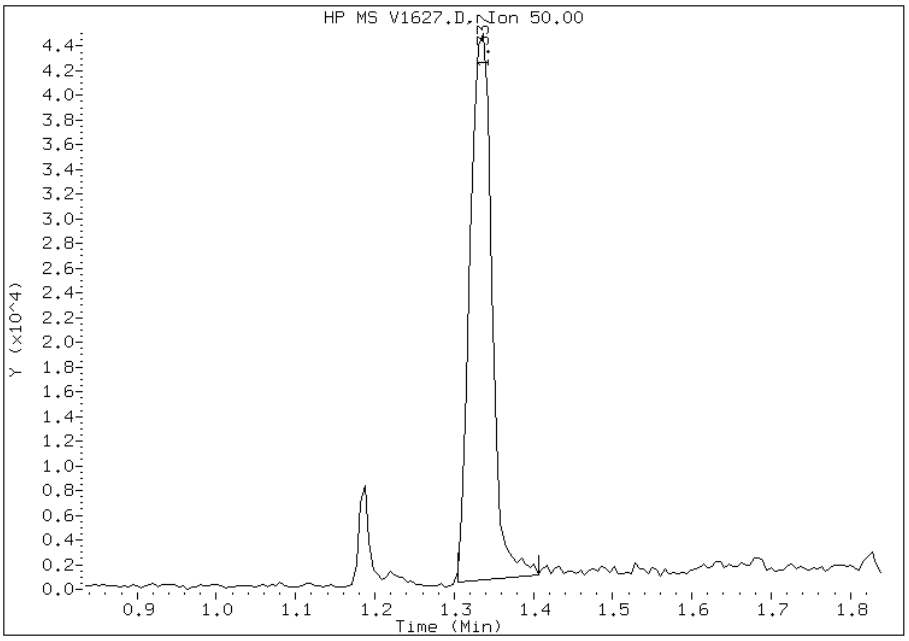
Manual Integration Results

RT: 1.34

Response: 84717

Amount: 4

Conc: 4



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 04/29/2010

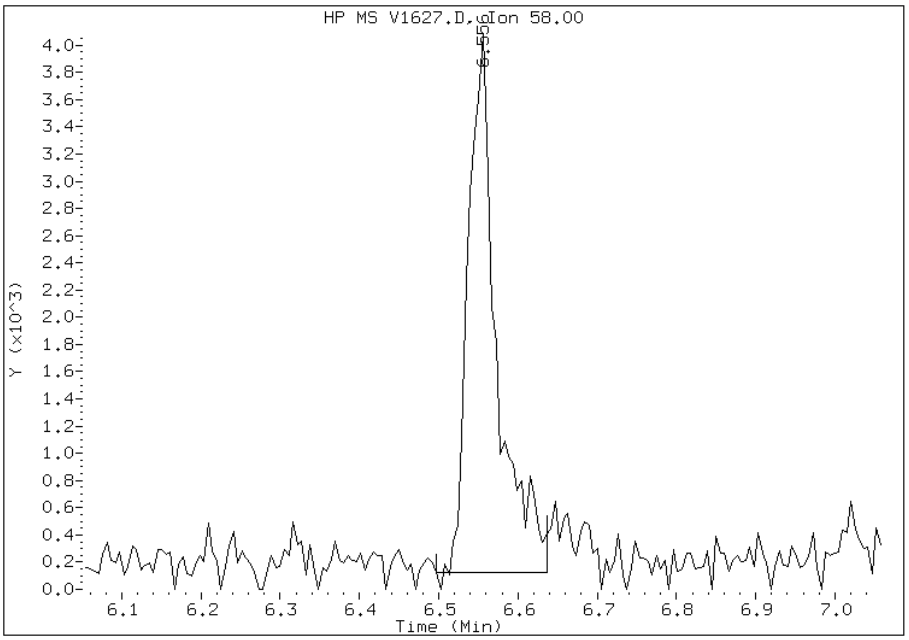
Processing Integration Results

RT: 6.56

Response: 9873

Amount: 49

Conc: 49



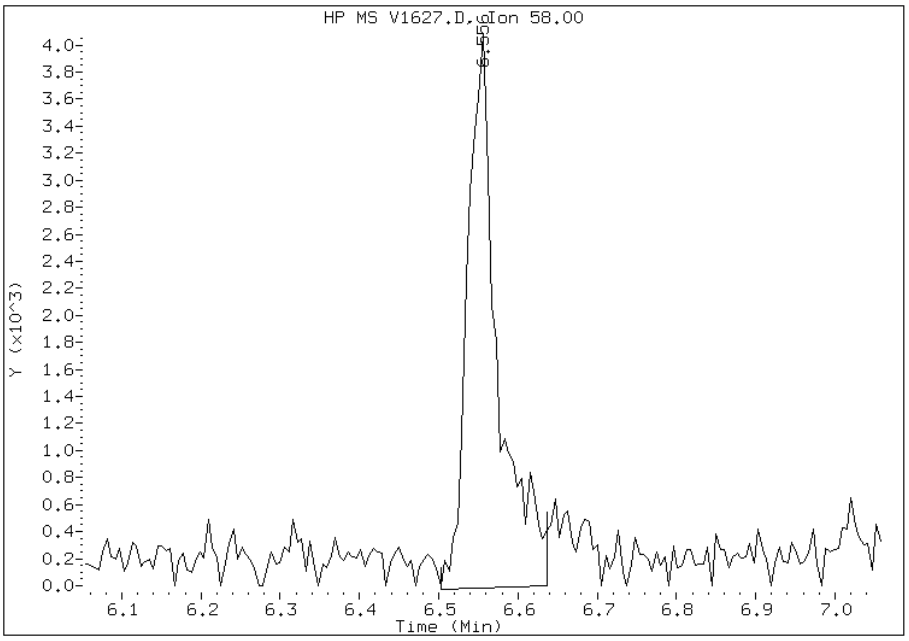
Manual Integration Results

RT: 6.56

Response: 11031

Amount: 52

Conc: 52



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1627.D
Inj. Date and Time: 23-APR-2010 16:25
Instrument ID: msv.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 04/29/2010

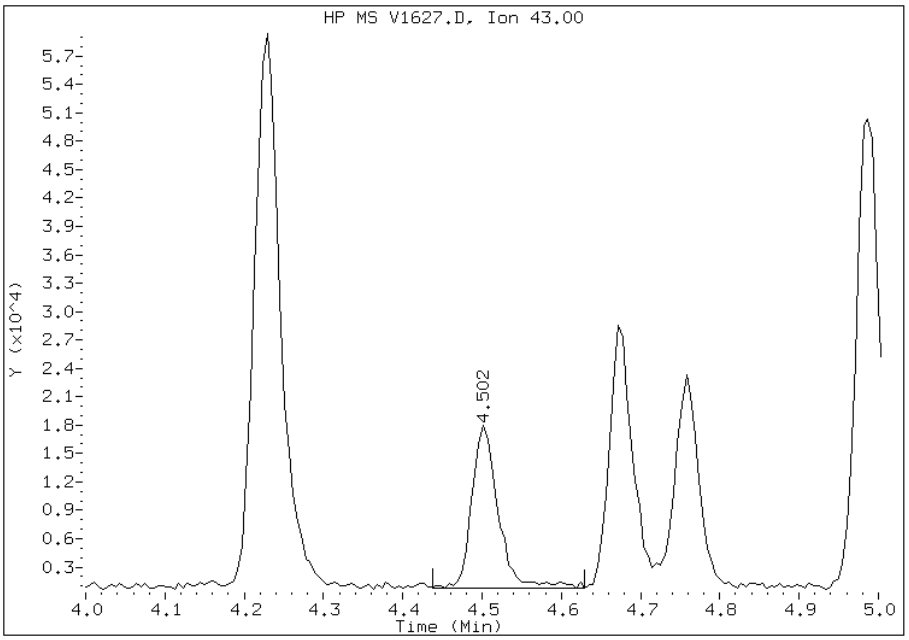
Processing Integration Results

RT: 4.50

Response: 39904

Amount: 9

Conc: 9



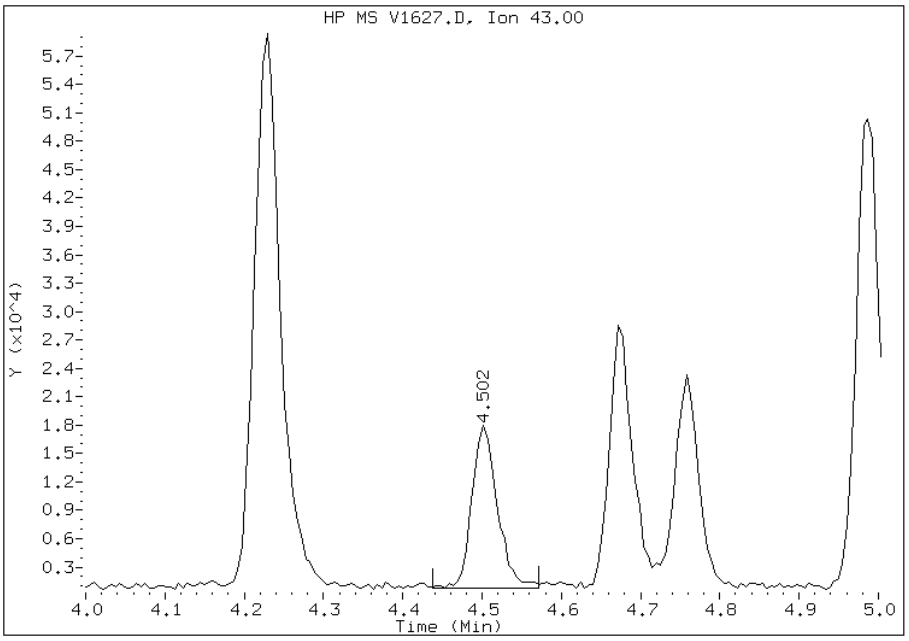
Manual Integration Results

RT: 4.50

Response: 38383

Amount: 8

Conc: 8



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1628.D
Lab Smp Id: IC;2 Client Smp ID: IC;2
Inj Date : 23-APR-2010 16:52 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;2
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:42 magda Quant Type: ISTD
Cal Date : 23-APR-2010 16:52 Cal File: V1628.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	2001692	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	30334	2.00000	2(M)
3	Chloromethane	50	1.336	1.336	(0.246)	37343	2.00000	2
4	Vinyl Chloride	62	1.374	1.374	(0.253)	43364	2.00000	2
5	Bromomethane	94	1.598	1.598	(0.294)	27286	2.00000	2(M)
6	Chloroethane	64	1.688	1.688	(0.310)	19515	2.00000	2(M)
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	51659	2.00000	2
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	61970	2.00000	2
9	Ethyl Ether	45	2.025	2.025	(0.372)	22389	2.00000	2
10	Ethanol	45	2.089	2.089	(0.384)	15769	20.0000	21
12	Freon 123	67	2.217	2.217	(0.408)	7858	2.00000	2
13	Trichlorotrifluoroethane	101	2.217	2.217	(0.408)	32377	2.00000	2
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	26148	2.00000	2
15	Carbon Disulfide	76	2.195	2.195	(0.404)	92867	2.00000	2
16	Iodomethane	142	2.286	2.286	(0.420)	45513	2.00000	2(M)
17	Acrolein	56	2.446	2.446	(0.450)	41088	10.0000	10(M)
18	2-Propanol	45	2.601	2.601	(0.478)	5764	2.00000	2
19	3-Chloro-1-Propene	41	2.580	2.580	(0.474)	52911	2.00000	2
20	Methylene Chloride	84	2.670	2.670	(0.491)	64834	2.00000	3
21	Acetone	43	2.708	2.708	(0.498)	24698	2.00000	3
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.520)	36080	2.00000	2
23	Methyl Acetate	43	2.841	2.841	(0.522)	172039	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.943	(0.541)	112270	2.00000	2
	25 tert-Butyl alcohol	59	3.039	3.039	(0.559)	22365	10.0000	9
	26 Acetonitrile	41	3.156	3.156	(0.580)	51799	20.0000	21
	27 Isopropyl ether	45	3.359	3.359	(0.617)	121839	2.00000	2
	28 tert-Butyl ethyl ether	59	3.748	3.748	(0.689)	111725	2.00000	2
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	33501	2.00000	2
	30 Acrylonitrile	53	3.498	3.498	(0.643)	32120	4.00000	4
	31 1,1-Dichloroethane	63	3.455	3.455	(0.635)	65761	2.00000	2
	32 Vinyl Acetate	43	3.748	3.748	(0.689)	93768	2.00000	2
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.741)	38758	2.00000	2
	34 2,2-Dichloropropane	77	4.143	4.143	(0.762)	45639	2.00000	2
	35 Bromochloromethane	128	4.245	4.245	(0.780)	18140	2.00000	2
	37 Cyclohexane	84	4.255	4.255	(0.782)	50994	2.00000	2
	38 Chloroform	83	4.346	4.346	(0.799)	61642	2.00000	2
	39 Ethyl Acetate	43	4.501	4.501	(0.827)	18325	4.00000	4
	40 Methyl Acrylate	55	4.501	4.501	(0.827)	36460	2.00000	2(M)
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	33969	2.00000	2
	42 Tetrahydrofuran	42	4.506	4.506	(0.828)	31125	4.00000	4(M)
	43 Carbon Tetrachloride	117	4.490	4.490	(0.825)	43809	2.00000	2
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	55348	2.00000	2
	45 2-Butanone	43	4.677	4.677	(0.860)	23510	2.00000	2
	46 1,1-Dichloropropene	75	4.698	4.698	(0.864)	51150	2.00000	2
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	96900	2.00000	2
	49 1-Chlorobutane	56	4.762	4.762	(0.875)	72695	2.00000	2
	50 Heptane	43	4.987	4.987	(0.917)	45643	2.00000	2
	51 Propionitrile	54	4.971	4.971	(0.914)	61672	20.0000	19
	52 Benzene	78	4.965	4.965	(0.913)	147888	2.00000	2
	53 2-Methyl-2-Propenenitrile	41	4.997	4.997	(0.919)	56472	2.00000	2
	54 Isobutyl alcohol	42	5.280	5.280	(0.971)	11115	20.0000	18(M)
$	55 1,2-Dichloroethane-d4	65	5.109	5.109	(0.939)	44620	2.00000	2
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	53528	2.00000	2
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	61399	2.00000	2
	60 Trichloroethene	130	5.632	5.632	(1.035)	38533	2.00000	2
	63 Dibromomethane	93	6.097	6.097	(1.121)	25619	2.00000	2(M)
	64 1,2-Dichloropropane	63	6.209	6.209	(1.141)	41002	2.00000	2
	65 Bromodichloromethane	83	6.316	6.316	(1.161)	47019	2.00000	2
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	32860	2.00000	2
	67 1,4-Dioxane	58	6.545	6.545	(1.203)	4518	20.0000	21(M)
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	26589	2.00000	2
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.298)	55637	2.00000	2
	71 Chloroacetonitrile	48	7.522	7.522	(1.383)	11352	20.0000	17
	72 2-Nitropropane	41	7.607	7.607	(1.398)	22685	4.00000	4
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.446)	53012	2.00000	2
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	33988	2.00000	2
*	75 Chlorobenzene-d5	117	9.197	9.197	(1.000)	1450057	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	165624	2.00000	2
$	77 Toluene-d8	98	7.287	7.287	(0.792)	143666	2.00000	2
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.829)	73630	10.0000	8
	79 4-Methyl-2-Pentanone	43	7.837	7.837	(0.852)	43187	2.00000	2
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	32566	2.00000	2
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	42070	2.00000	2
	82 Dibromochloromethane	129	8.264	8.264	(0.898)	35620	2.00000	2
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	58722	2.00000	2
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	34971	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	33214	2.00000	2
87	1-Chlorohexane	91	9.262	9.262	(1.007)	45960	2.00000	2(MH)
88	Chlorobenzene	112	9.213	9.213	(1.002)	106014	2.00000	2
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	33370	2.00000	2
90	Ethylbenzene	106	9.288	9.288	(1.010)	56805	2.00000	2
91	Xylene (total)mp	106	9.464	9.464	(1.029)	136867	4.00000	4
92	Xylene (total)o	106	9.918	9.918	(1.078)	65623	2.00000	2
93	Styrene	104	9.971	9.971	(1.084)	102108	2.00000	2
94	Bromoform	173	9.966	9.966	(1.084)	21550	2.00000	2
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	813787	25.0000	
96	Isopropylbenzene	105	10.243	10.243	(0.895)	160176	2.00000	2
97	Bromobenzene	156	10.569	10.569	(0.923)	43778	2.00000	2
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	44434	2.00000	2
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	169305	2.00000	2
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	13750	2.00000	2
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	25709	4.00000	3(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	200165	2.00000	2
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	141982	2.00000	2
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	127861	2.00000	2
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	145042	2.00000	2
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	123487	2.00000	2
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	147449	2.00000	2
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	175231	2.00000	2
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	146262	2.00000	2
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	84190	2.00000	2
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	86981	2.00000	2
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	83399	2.00000	2
113	Benzyl Chloride	126	11.663	11.663	(1.019)	11288	2.00000	2
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	75755	2.00000	2
115	n-Butylbenzene	91	11.690	11.690	(1.021)	155167	2.00000	2
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	146746	2.00000	2
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	8976	2.00000	2
120	Nitrobenzene	77	12.789	12.789	(1.117)	18114	20.0000	14
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	68202	2.00000	2
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	27016	2.00000	2
123	Naphthalene	128	13.109	13.109	(1.145)	205457	2.00000	2
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	70091	2.00000	2
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	54402	2.00000	2
M 126	1,2-Dichloroethene (total)	100				74838	4.00000	4
M 127	Xylene (total)	100				202490	6.00000	6

QC Flag Legend

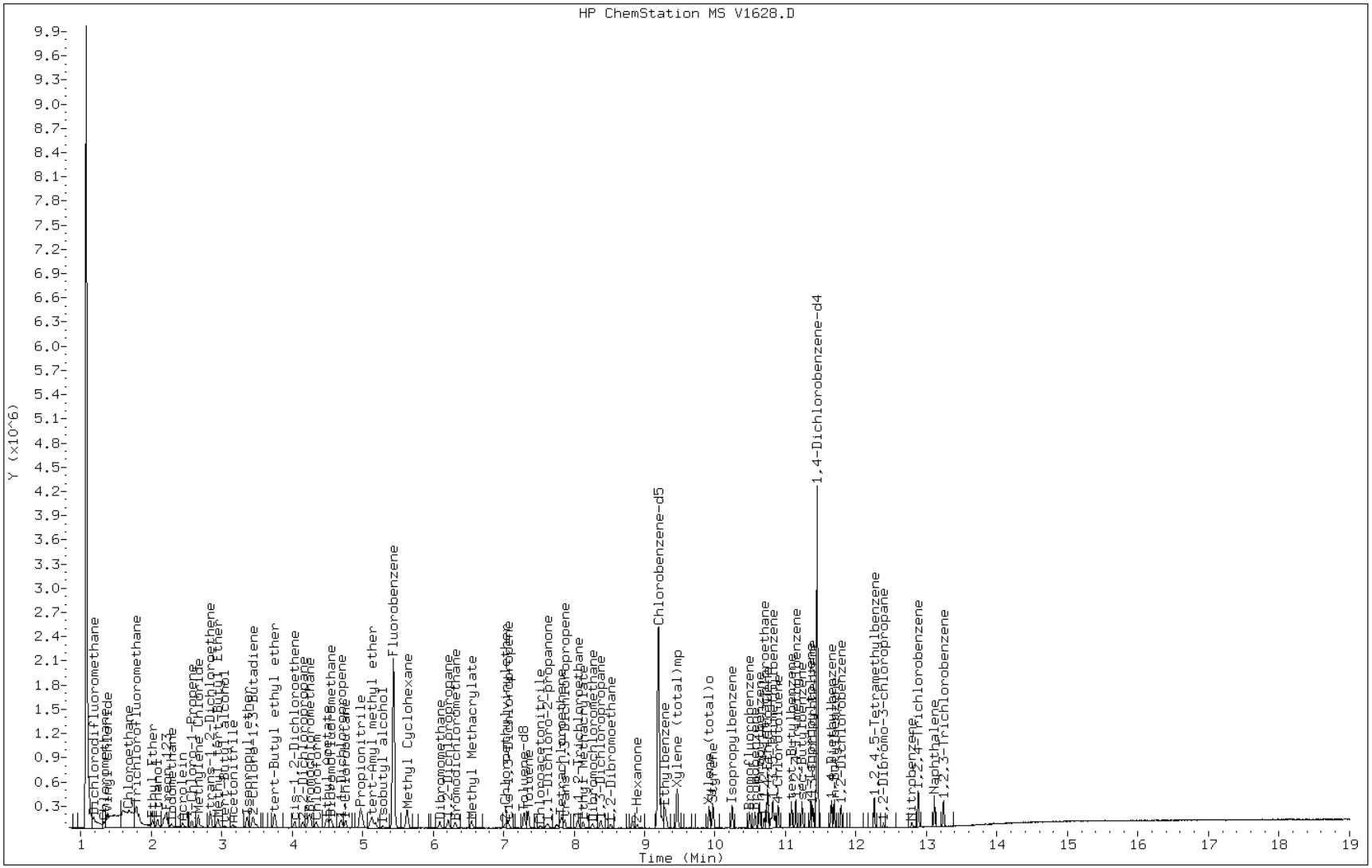
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1628.D

Date: 23-APR-2010 16:52

Client ID: IC;2 Instrument: msv.i

Sample Info: IC;2 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 04/29/2010

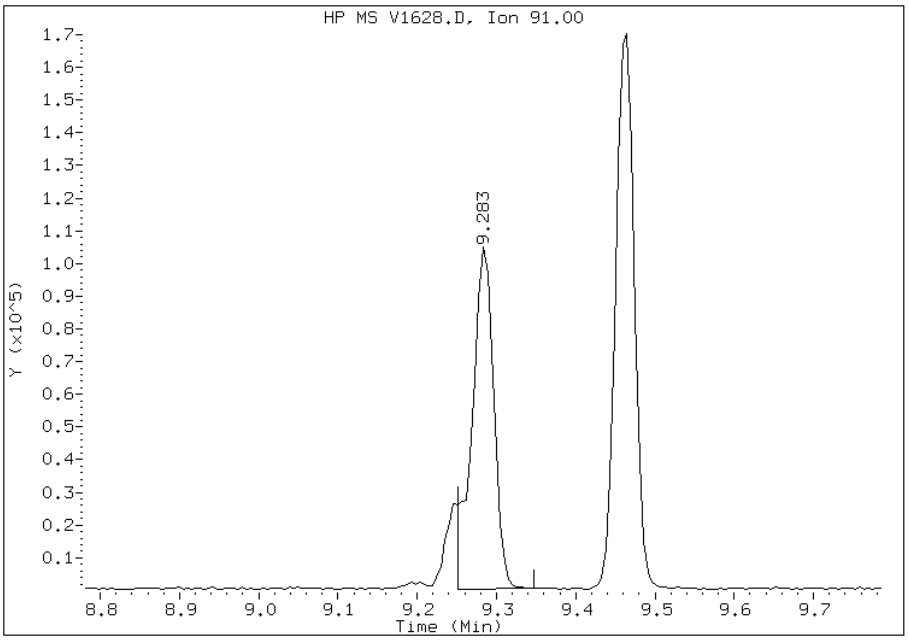
Processing Integration Results

RT: 9.28

Response: 199240

Amount: 2

Conc: 2



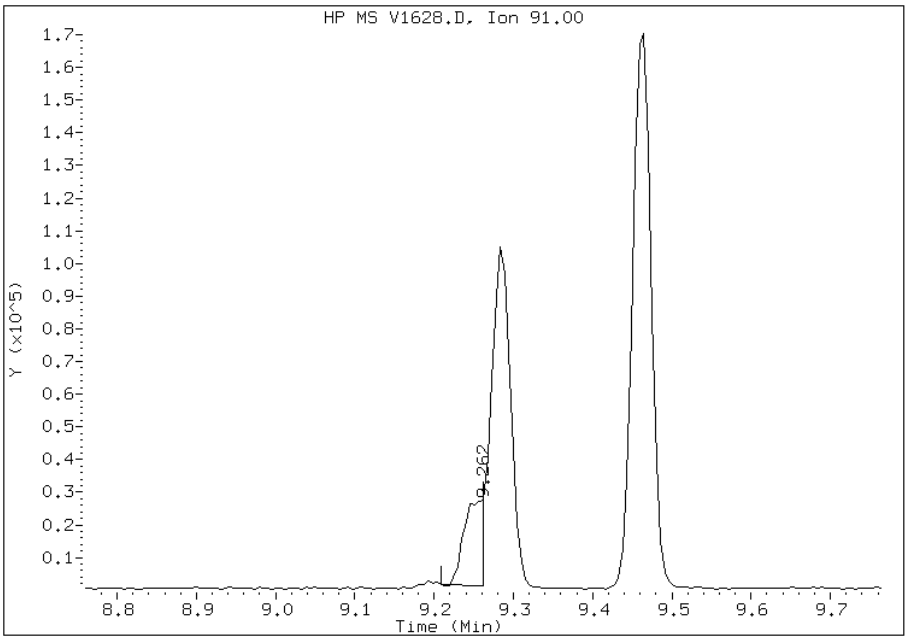
Manual Integration Results

RT: 9.26

Response: 45960

Amount: 2

Conc: 2



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 04/29/2010

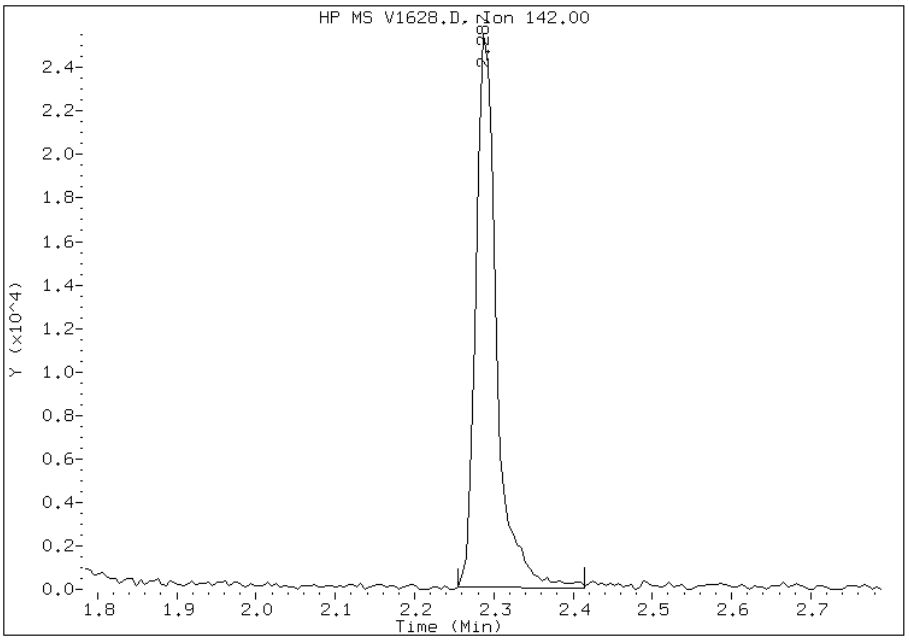
Processing Integration Results

RT: 2.29

Response: 46197

Amount: 2

Conc: 2



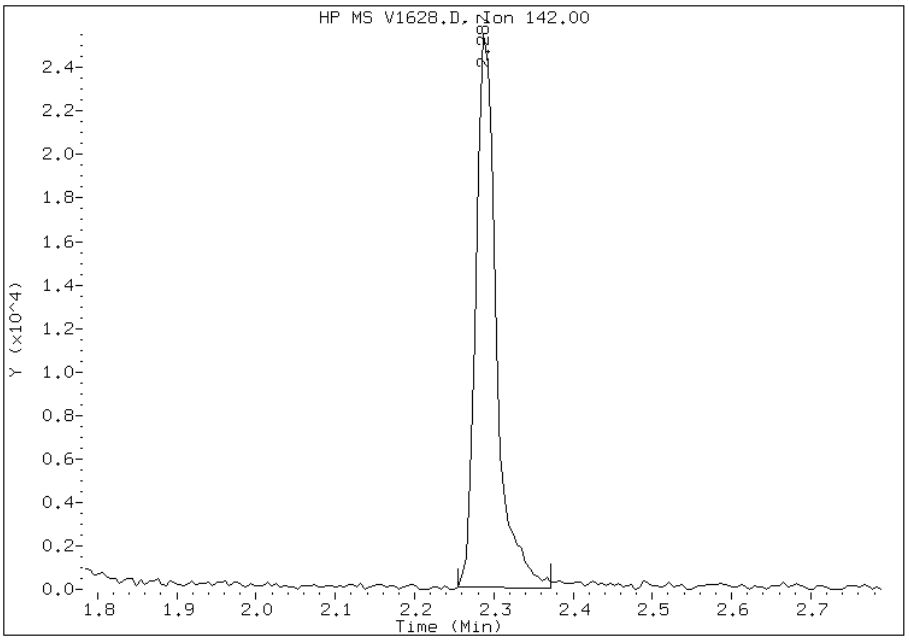
Manual Integration Results

RT: 2.29

Response: 45513

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 04/29/2010

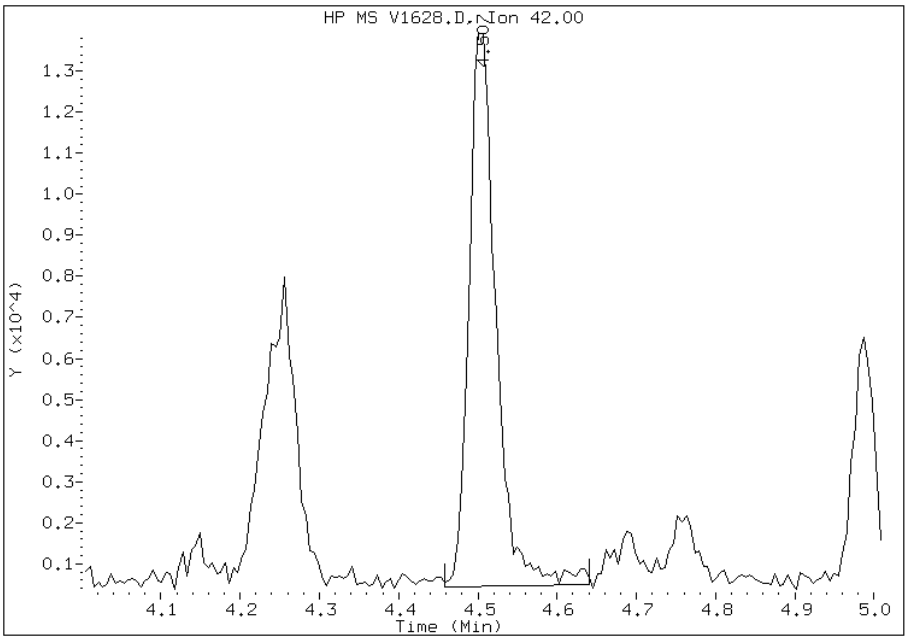
Processing Integration Results

RT: 4.51

Response: 32011

Amount: 4

Conc: 4



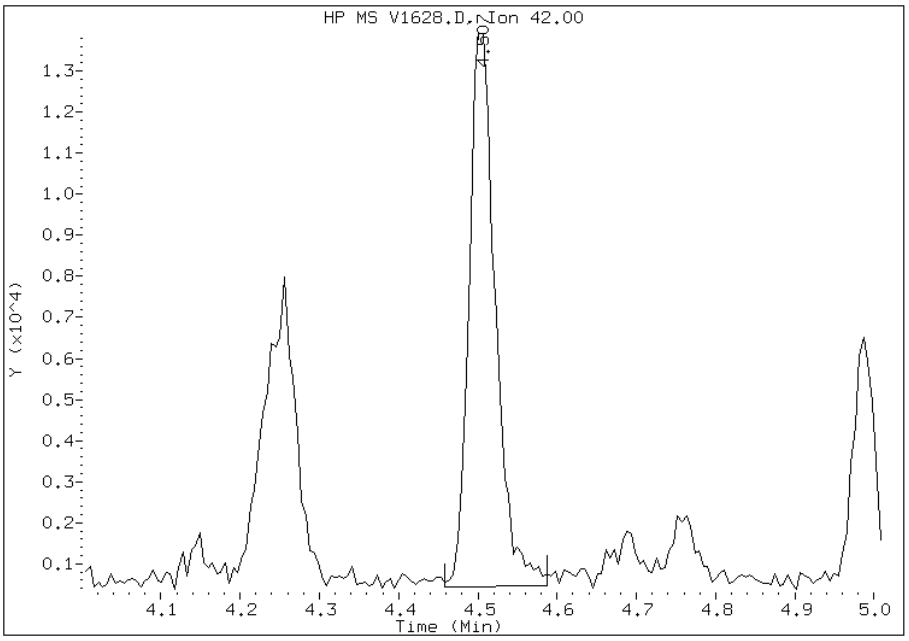
Manual Integration Results

RT: 4.51

Response: 31125

Amount: 4

Conc: 4



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 04/29/2010

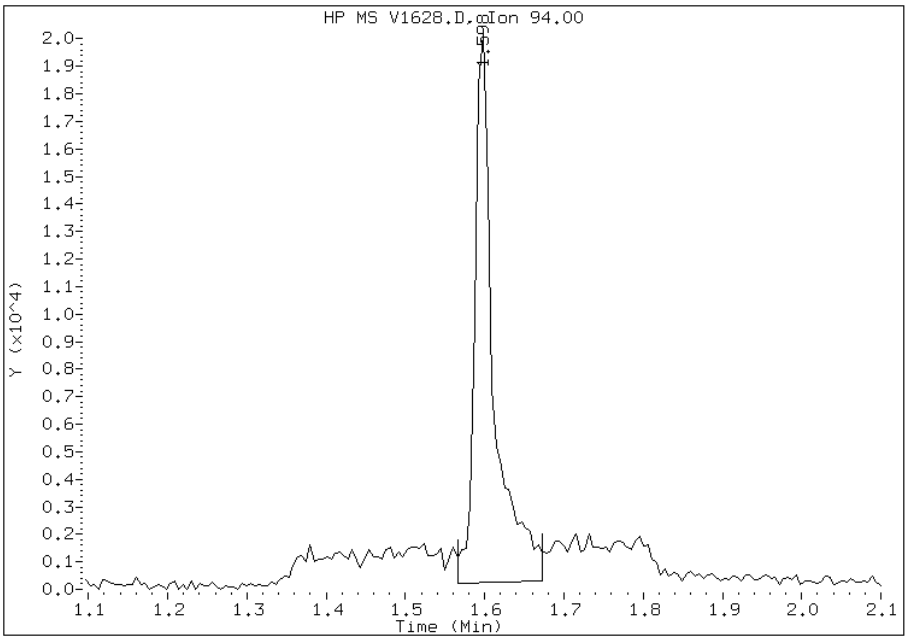
Processing Integration Results

RT: 1.60

Response: 33849

Amount: 3

Conc: 3



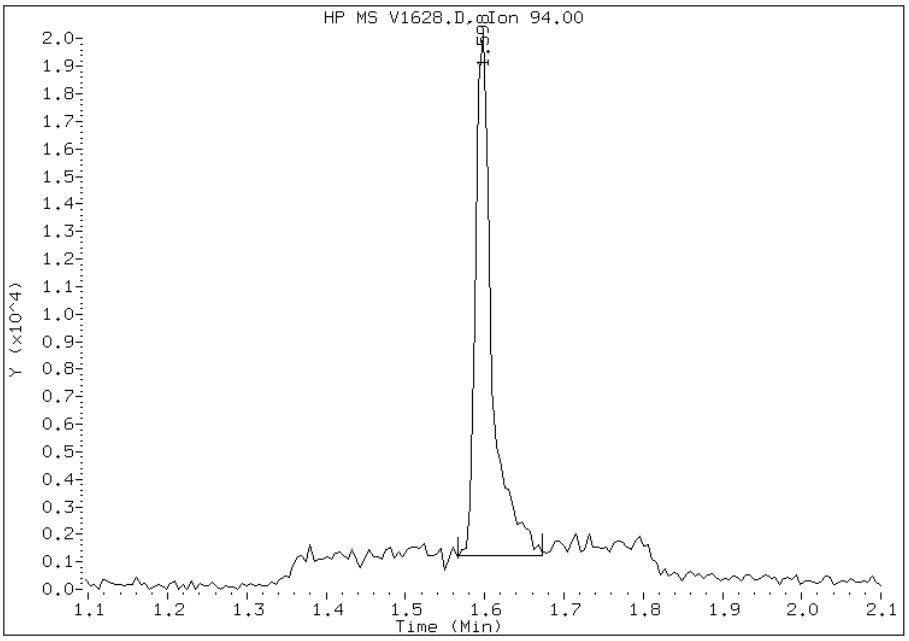
Manual Integration Results

RT: 1.60

Response: 27286

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 04/29/2010

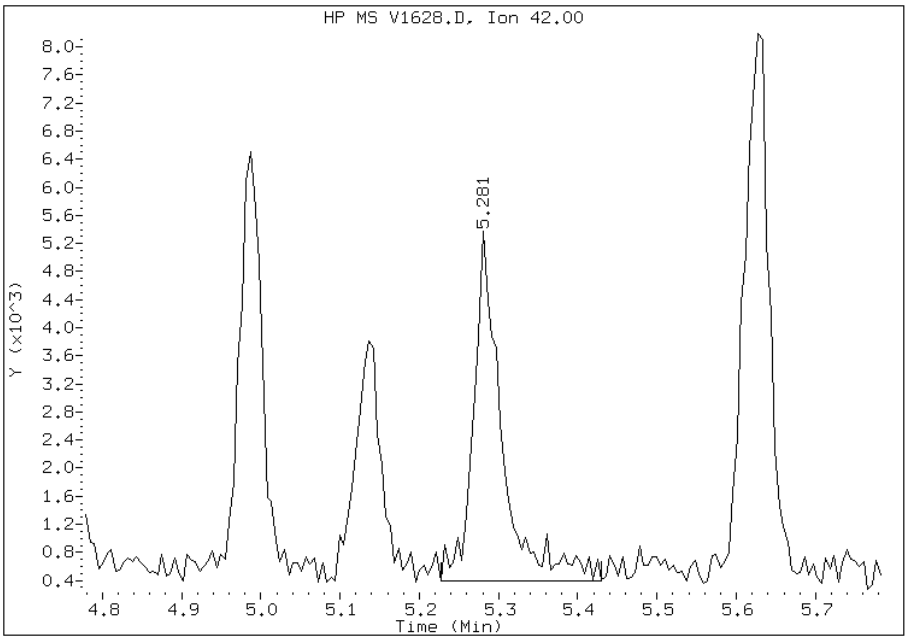
Processing Integration Results

RT: 5.28

Response: 12303

Amount: 20

Conc: 20



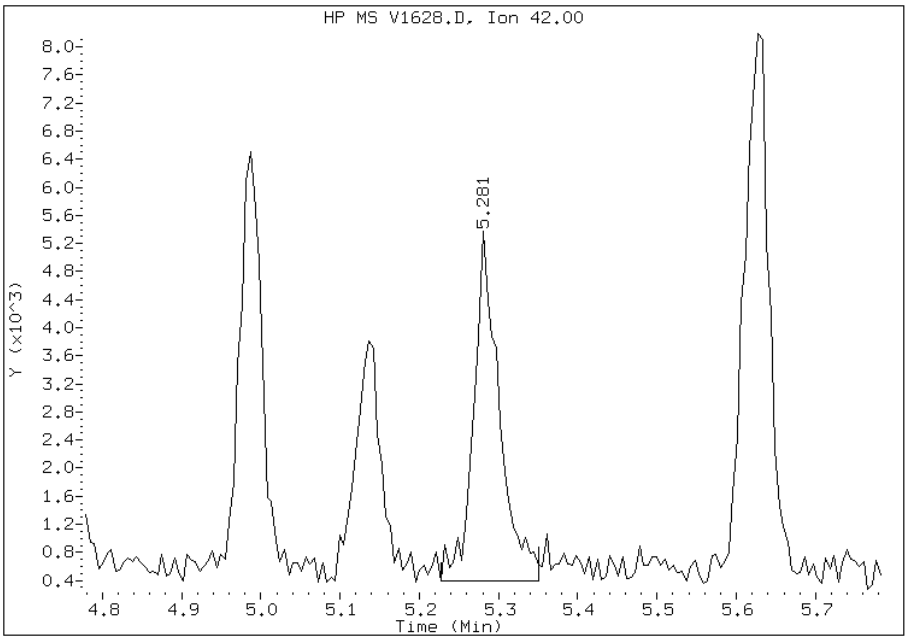
Manual Integration Results

RT: 5.28

Response: 11115

Amount: 18

Conc: 18



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 04/29/2010

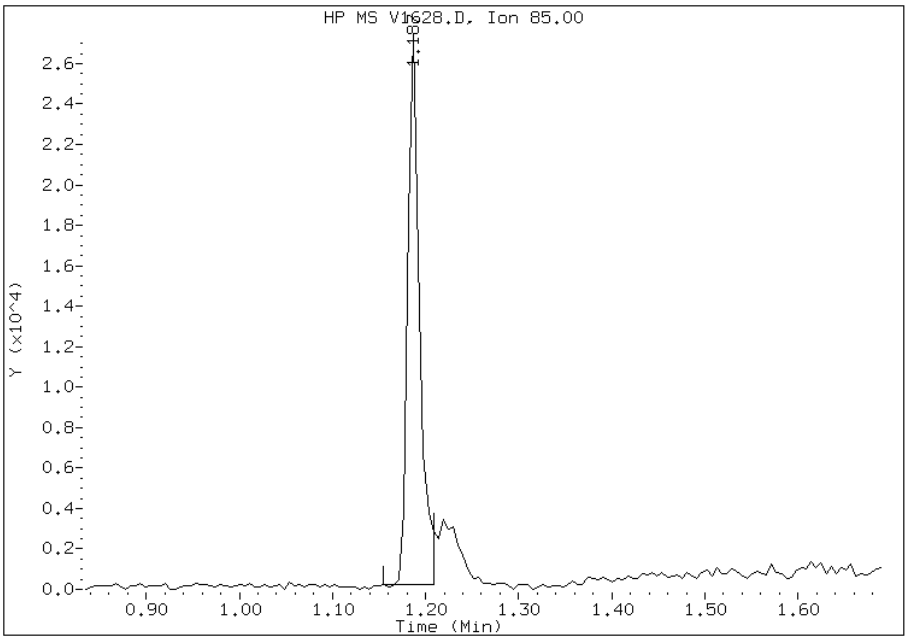
Processing Integration Results

RT: 1.19

Response: 25106

Amount: 2

Conc: 2



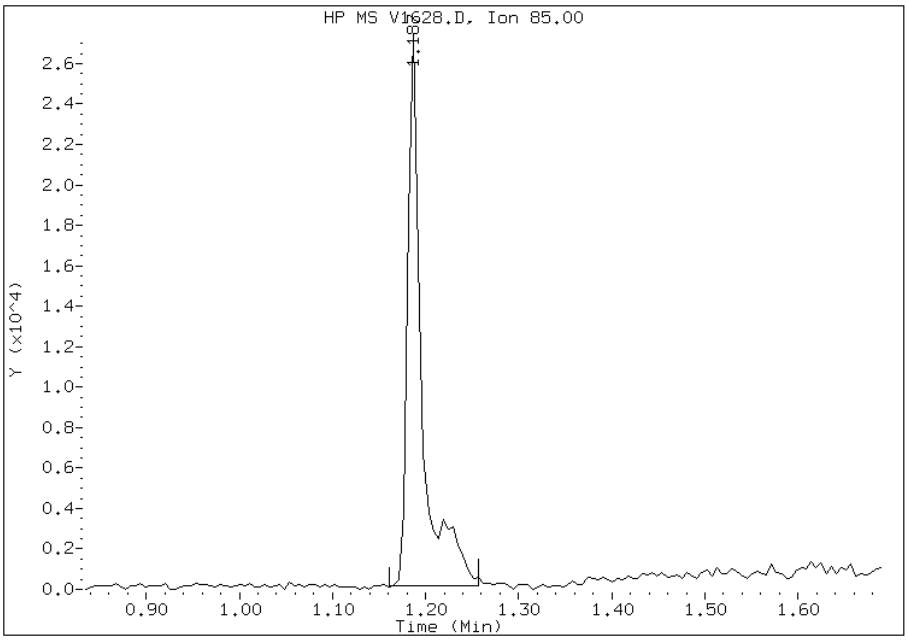
Manual Integration Results

RT: 1.19

Response: 30334

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 04/29/2010

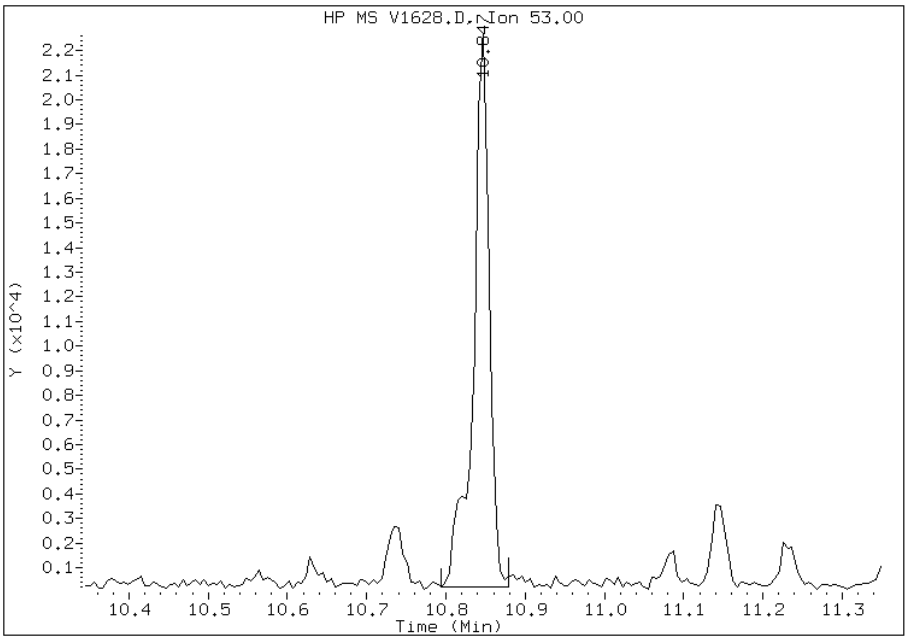
Processing Integration Results

RT: 10.85

Response: 30971

Amount: 4

Conc: 4



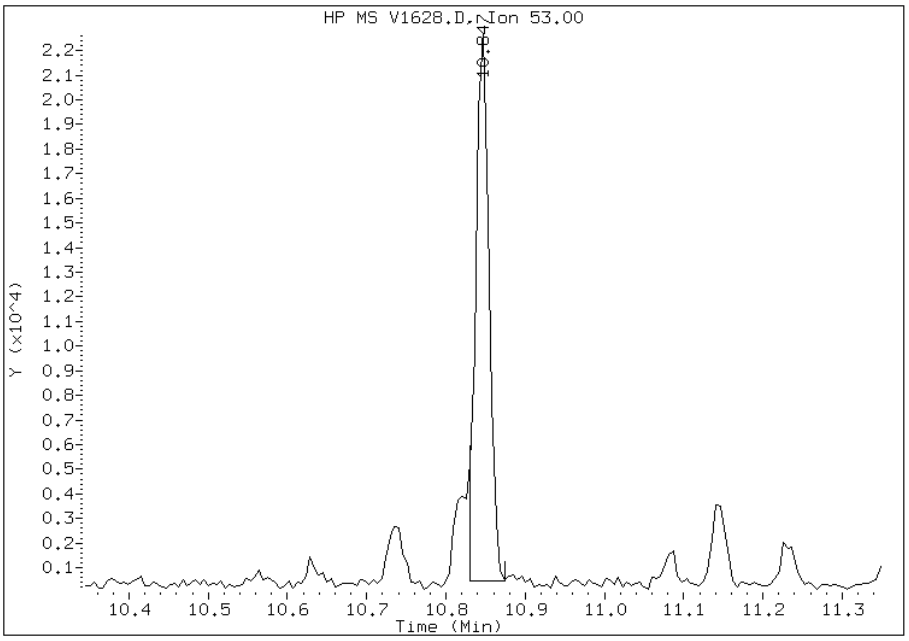
Manual Integration Results

RT: 10.85

Response: 25709

Amount: 3

Conc: 3



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 63 Dibromomethane
CAS #: 74-95-3
Report Date: 04/29/2010

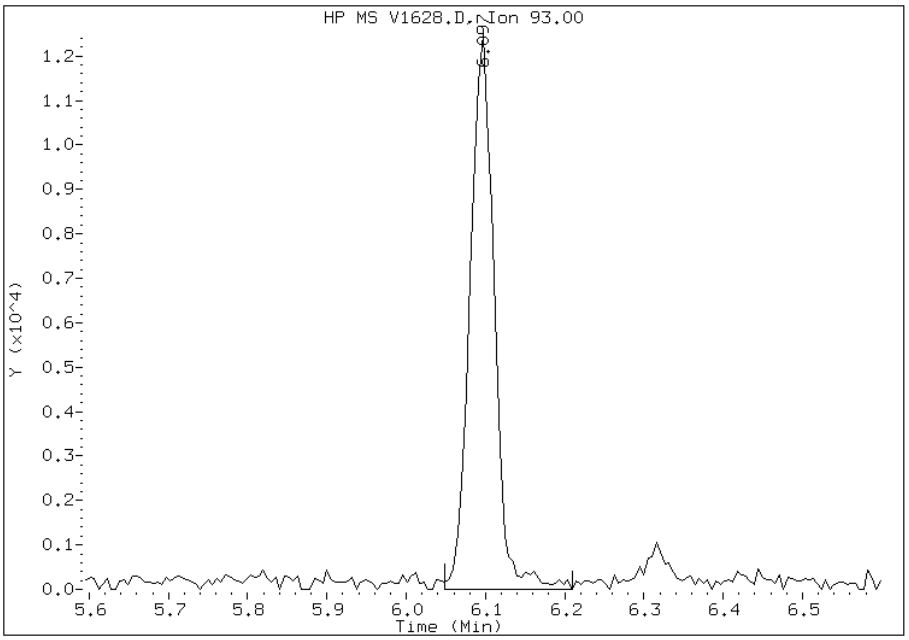
Processing Integration Results

RT: 6.10

Response: 26396

Amount: 2

Conc: 2



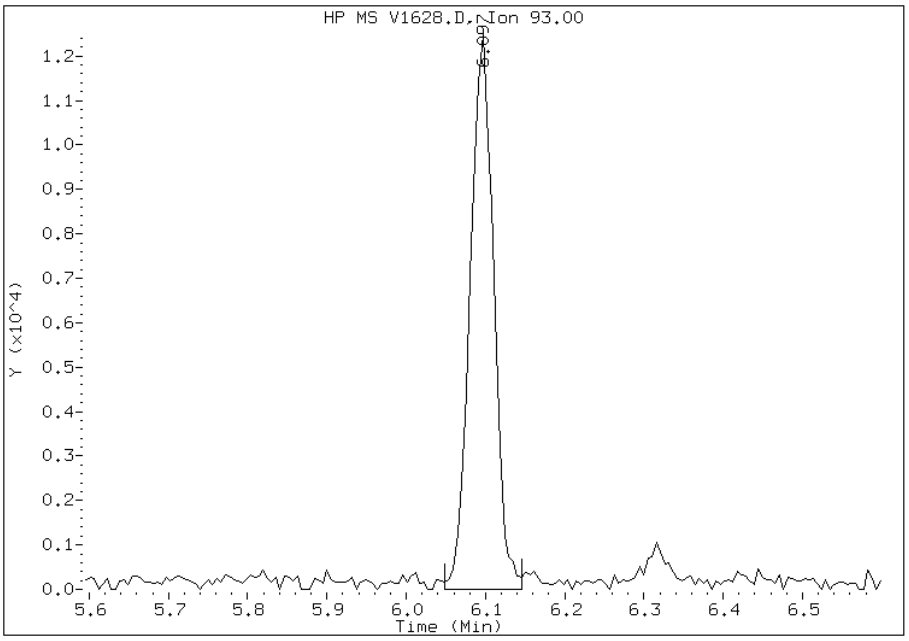
Manual Integration Results

RT: 6.10

Response: 25619

Amount: 2

Conc: 2



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 04/29/2010

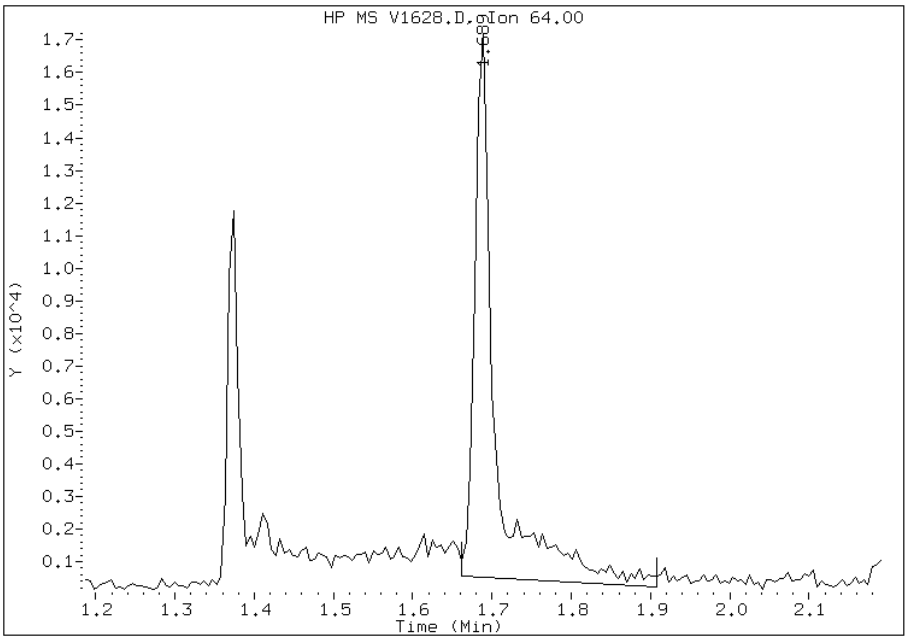
Processing Integration Results

RT: 1.69

Response: 30436

Amount: 3

Conc: 3



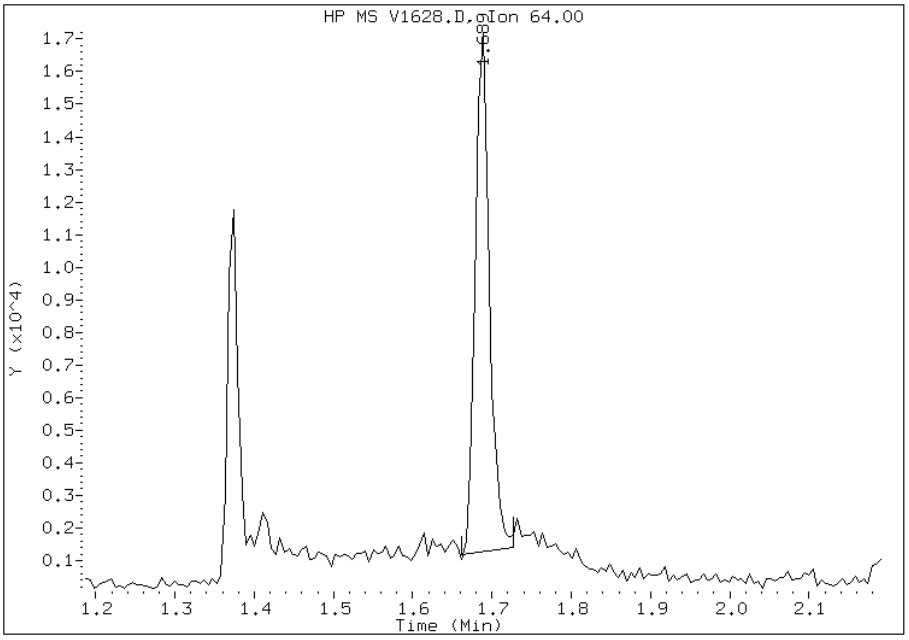
Manual Integration Results

RT: 1.69

Response: 19515

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 04/29/2010

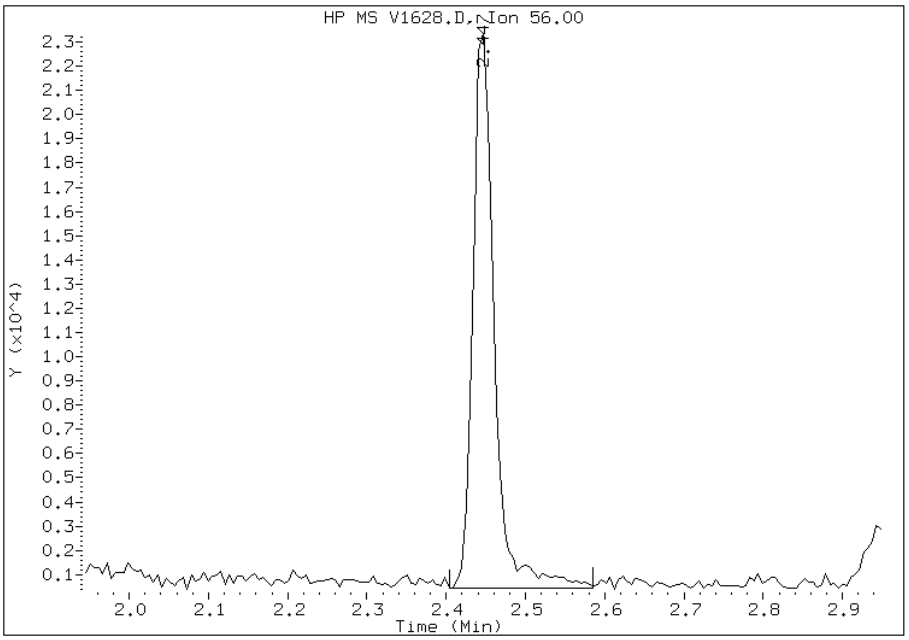
Processing Integration Results

RT: 2.45

Response: 42611

Amount: 10

Conc: 10



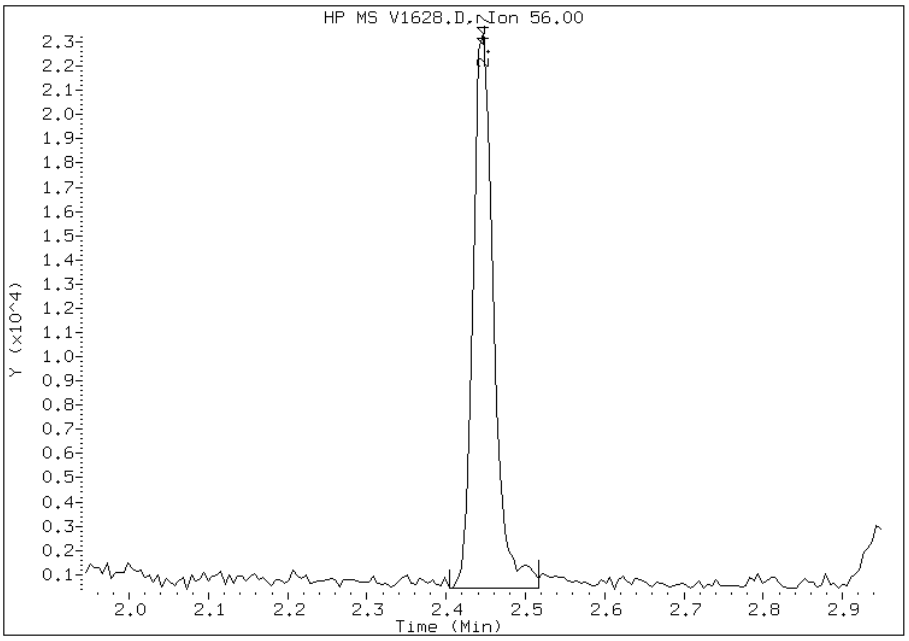
Manual Integration Results

RT: 2.45

Response: 41088

Amount: 10

Conc: 10



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 04/29/2010

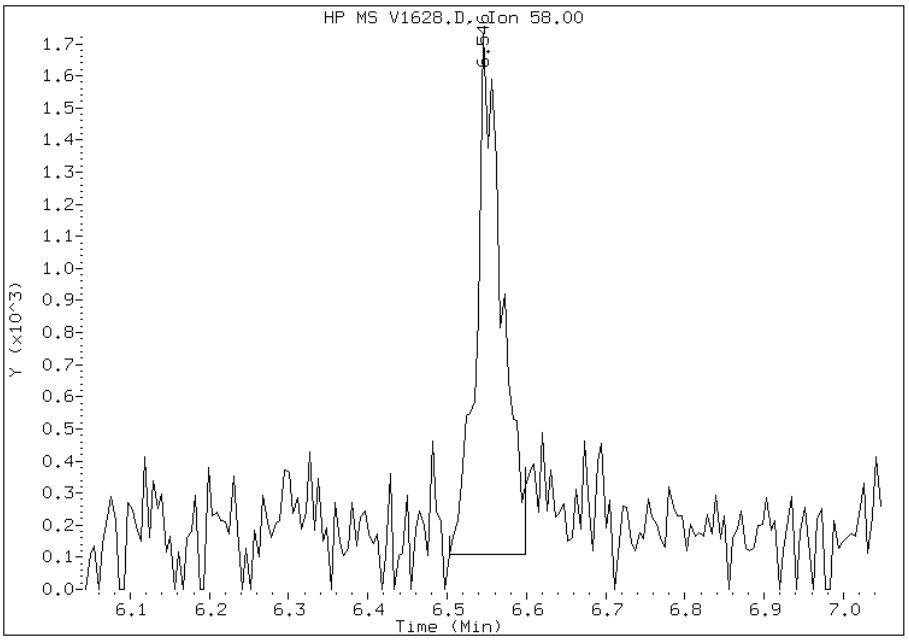
Processing Integration Results

RT: 6.55

Response: 3641

Amount: 18

Conc: 18



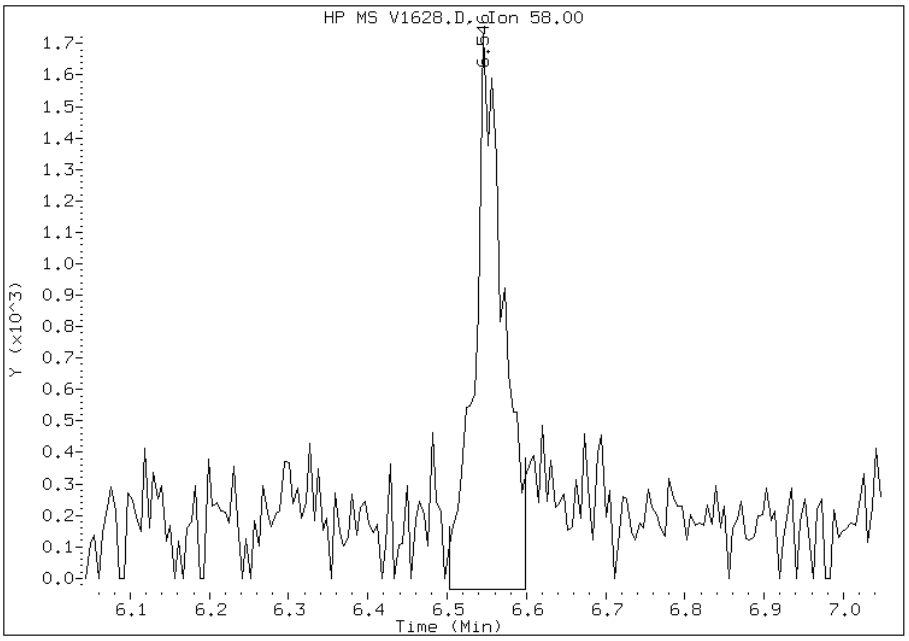
Manual Integration Results

RT: 6.55

Response: 4518

Amount: 21

Conc: 21



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1628.D
Inj. Date and Time: 23-APR-2010 16:52
Instrument ID: msv.i
Client ID: IC;2
Compound: 40 Methyl Acrylate
CAS #: 96-33-3
Report Date: 04/29/2010

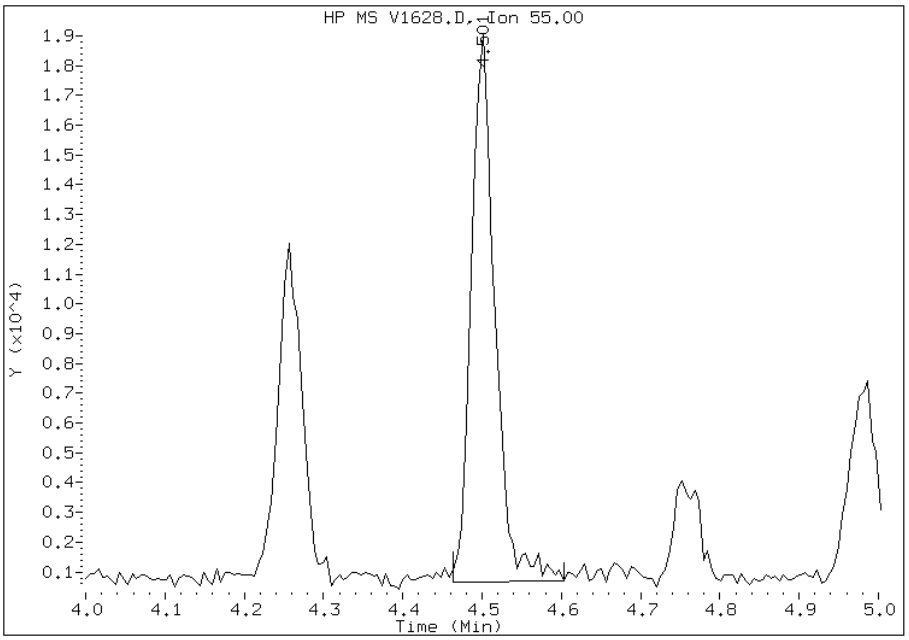
Processing Integration Results

RT: 4.50

Response: 38271

Amount: 2

Conc: 2



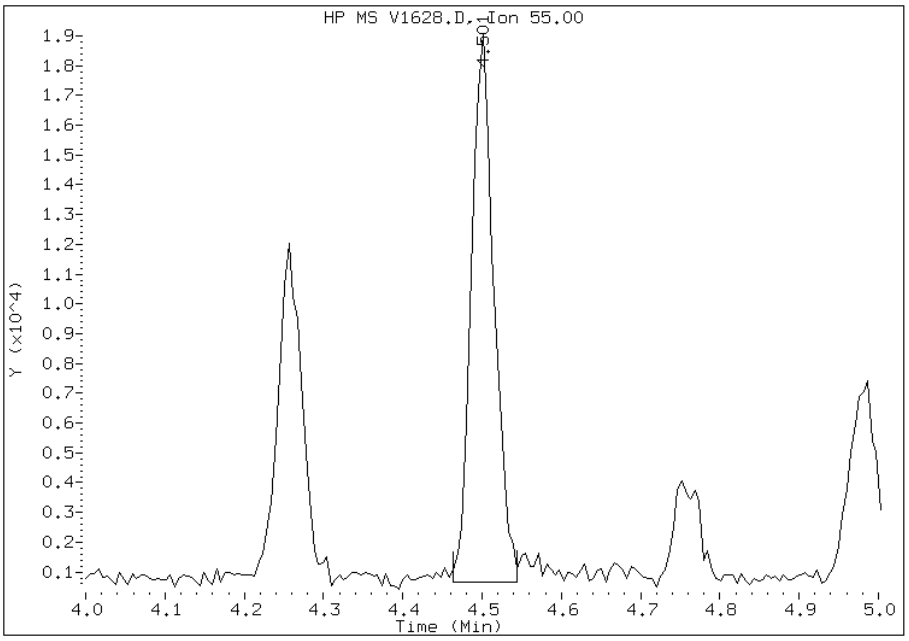
Manual Integration Results

RT: 4.50

Response: 36460

Amount: 2

Conc: 2



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V1629.D
Lab Smp Id: IC;0.5 Client Smp ID: IC;0.5
Inj Date : 23-APR-2010 17:19 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : IC;0.5
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\V8260LOW.m
Meth Date : 26-Apr-2010 10:54 magda Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	1951542	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	6653	0.50000	0.4(MH)
3	Chloromethane	50	1.336	1.336	(0.246)	9875	0.50000	0.5(M)
4	Vinyl Chloride	62	1.374	1.374	(0.253)	10484	0.50000	0.5(M)
5	Bromomethane	94	1.603	1.603	(0.295)	7025	0.50000	0.6(M)
6	Chloroethane	64	1.688	1.688	(0.310)	5039	0.50000	0.6(M)
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	12836	0.50000	0.5
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	14527	0.50000	0.5(M)
9	Ethyl Ether	45	2.025	2.025	(0.372)	6373	0.50000	0.5
10	Ethanol	45	2.089	2.089	(0.384)	3723	5.00000	5
12	Freon 123	67	2.222	2.222	(0.409)	2028	0.50000	0.5(M)
13	Trichlorotrifluoroethane	101	2.217	2.217	(0.408)	7197	0.50000	0.5
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	7918	0.50000	0.6
15	Carbon Disulfide	76	2.195	2.195	(0.404)	23600	0.50000	0.5
16	Iodomethane	142	2.292	2.292	(0.421)	15709	0.50000	0.7
17	Acrolein	56	2.446	2.446	(0.450)	10863	2.50000	3(M)
18	2-Propanol	45	2.612	2.612	(0.480)	1649	0.50000	0.6(M)
19	3-Chloro-1-Propene	41	2.574	2.574	(0.473)	14349	0.50000	0.5
20	Methylene Chloride	84	2.670	2.670	(0.491)	38545	0.50000	2
21	Acetone	43	2.713	2.713	(0.499)	8605	0.50000	0.9(M)
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.520)	8590	0.50000	0.5(M)
23	Methyl Acetate	43	2.841	2.841	(0.522)	45890	0.50000	0.5(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.943	(0.541)	29984	0.50000	0.5
	25 tert-Butyl alcohol	59	3.044	3.044	(0.560)	6994	2.50000	3(M)
	26 Acetonitrile	41	3.167	3.167	(0.582)	12334	5.00000	5(M)
	27 Isopropyl ether	45	3.359	3.359	(0.617)	31725	0.50000	0.5
	28 tert-Butyl ethyl ether	59	3.749	3.749	(0.689)	29138	0.50000	0.5
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	8031	0.50000	0.5
	30 Acrylonitrile	53	3.492	3.492	(0.642)	6819	1.00000	0.9
	31 1,1-Dichloroethane	63	3.460	3.460	(0.636)	16502	0.50000	0.5(M)
	32 Vinyl Acetate	43	3.749	3.749	(0.689)	24507	0.50000	0.5
	33 cis-1,2-Dichloroethene	96	4.042	4.042	(0.743)	9969	0.50000	0.5
	34 2,2-Dichloropropane	77	4.149	4.149	(0.763)	11054	0.50000	0.5
	35 Bromochloromethane	128	4.234	4.234	(0.778)	5227	0.50000	0.6(M)
	37 Cyclohexane	84	4.256	4.256	(0.782)	13590	0.50000	0.5
	38 Chloroform	83	4.336	4.336	(0.797)	16377	0.50000	0.5
	39 Ethyl Acetate	43	4.506	4.506	(0.828)	8426	1.00000	2
	40 Methyl Acrylate	55	4.501	4.501	(0.827)	10318	0.50000	0.5
$	41 Dibromofluoromethane	111	4.533	4.533	(0.833)	10893	0.50000	0.6
	42 Tetrahydrofuran	42	4.506	4.506	(0.828)	9416	1.00000	1(M)
	43 Carbon Tetrachloride	117	4.485	4.485	(0.824)	10910	0.50000	0.5
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	12939	0.50000	0.5
	45 2-Butanone	43	4.677	4.677	(0.860)	7327	0.50000	0.6
	46 1,1-Dichloropropene	75	4.698	4.698	(0.864)	13234	0.50000	0.5
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	26516	0.50000	0.5
	49 1-Chlorobutane	56	4.757	4.757	(0.874)	17291	0.50000	0.5(M)
	50 Heptane	43	4.992	4.992	(0.918)	12266	0.50000	0.5(H)
	51 Propionitrile	54	4.976	4.976	(0.915)	17654	5.00000	6(M)
	52 Benzene	78	4.965	4.965	(0.913)	37746	0.50000	0.5
	53 2-Methyl-2-Propenenitrile	41	4.992	4.992	(0.918)	17239	0.50000	0.6
	54 Isobutyl alcohol	42	5.286	5.286	(0.972)	3919	5.00000	7
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.938)	14410	0.50000	0.6
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	14701	0.50000	0.5
	59 Methyl Cyclohexane	83	5.622	5.622	(1.033)	16331	0.50000	0.5(M)
	60 Trichloroethene	130	5.638	5.638	(1.036)	10864	0.50000	0.6
	63 Dibromomethane	93	6.091	6.091	(1.120)	6408	0.50000	0.5
	64 1,2-Dichloropropane	63	6.214	6.214	(1.142)	10685	0.50000	0.5(T)
	65 Bromodichloromethane	83	6.316	6.316	(1.161)	12559	0.50000	0.5
	66 Methyl Methacrylate	69	6.550	6.550	(1.204)	7940	0.50000	0.5
	67 1,4-Dioxane	58	6.572	6.572	(1.208)	1362	5.00000	7(M)
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	7180	0.50000	0.5(M)
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.298)	14380	0.50000	0.5
	71 Chloroacetonitrile	48	7.527	7.527	(1.384)	3051	5.00000	5(M)
	72 2-Nitropropane	41	7.612	7.612	(1.399)	6846	1.00000	1
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.446)	14275	0.50000	0.5
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	9155	0.50000	0.5
*	75 Chlorobenzene-d5	117	9.198	9.198	(1.000)	1407075	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	45949	0.50000	0.6
$	77 Toluene-d8	98	7.287	7.287	(0.792)	39027	0.50000	0.6
	78 1,1-Dichloro-2-propanone	43	7.623	7.623	(0.829)	20608	2.50000	2
	79 4-Methyl-2-Pentanone	43	7.831	7.831	(0.851)	11796	0.50000	0.5(M)
	80 Tetrachloroethene	164	7.821	7.821	(0.850)	8001	0.50000	0.5
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	10387	0.50000	0.5
	82 Dibromochloromethane	129	8.264	8.264	(0.898)	9738	0.50000	0.5
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	15860	0.50000	0.5
	84 1,2-Dibromoethane	107	8.525	8.525	(0.927)	9634	0.50000	0.5(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	9690	0.50000	0.6
87	1-Chlorohexane	91	9.246	9.246	(1.005)	12706	0.50000	0.6(M)
88	Chlorobenzene	112	9.214	9.214	(1.002)	27789	0.50000	0.5
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	8489	0.50000	0.5(T)
90	Ethylbenzene	106	9.288	9.288	(1.010)	15745	0.50000	0.5
91	Xylene (total)mp	106	9.459	9.459	(1.028)	36858	1.00000	1
92	Xylene (total)o	106	9.918	9.918	(1.078)	18148	0.50000	0.5
93	Styrene	104	9.971	9.971	(1.084)	27654	0.50000	0.5
94	Bromoform	173	9.971	9.971	(1.084)	5226	0.50000	0.4
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	799183	25.0000	
96	Isopropylbenzene	105	10.244	10.244	(0.895)	43532	0.50000	0.5
97	Bromobenzene	156	10.569	10.569	(0.923)	12888	0.50000	0.6
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	12320	0.50000	0.5(M)
99	4-Ethyltoluene	105	10.735	10.735	(0.938)	43292	0.50000	0.5
100	1,2,3-Trichloropropane	110	10.799	10.799	(0.943)	4050	0.50000	0.6
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	7414	1.00000	1(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	51318	0.50000	0.5
103	2-Chlorotoluene	91	10.751	10.751	(0.939)	38242	0.50000	0.5
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	34387	0.50000	0.5
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	38461	0.50000	0.5
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	32019	0.50000	0.5
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	39498	0.50000	0.5
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	45903	0.50000	0.5
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	39725	0.50000	0.5
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	22650	0.50000	0.5
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	24794	0.50000	0.6
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	22785	0.50000	0.5
113	Benzyl Chloride	126	11.663	11.663	(1.019)	3013	0.50000	0.4
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	22566	0.50000	0.6
115	n-Butylbenzene	91	11.690	11.690	(1.021)	41038	0.50000	0.6
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	40267	0.50000	0.5
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	2780	0.50000	0.6(M)
120	Nitrobenzene	77	12.789	12.789	(1.117)	5306	5.00000	4
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	21272	0.50000	0.6
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	9420	0.50000	0.7
123	Naphthalene	128	13.109	13.109	(1.145)	69881	0.50000	0.7
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	21420	0.50000	0.6
$ 125	Bromofluorobenzene	95	10.489	10.489	(0.916)	17973	0.50000	0.6
M 126	1,2-Dichloroethene (total)	100				18559	1.00000	1
M 127	Xylene (total)	100				55006	1.50000	2

QC Flag Legend

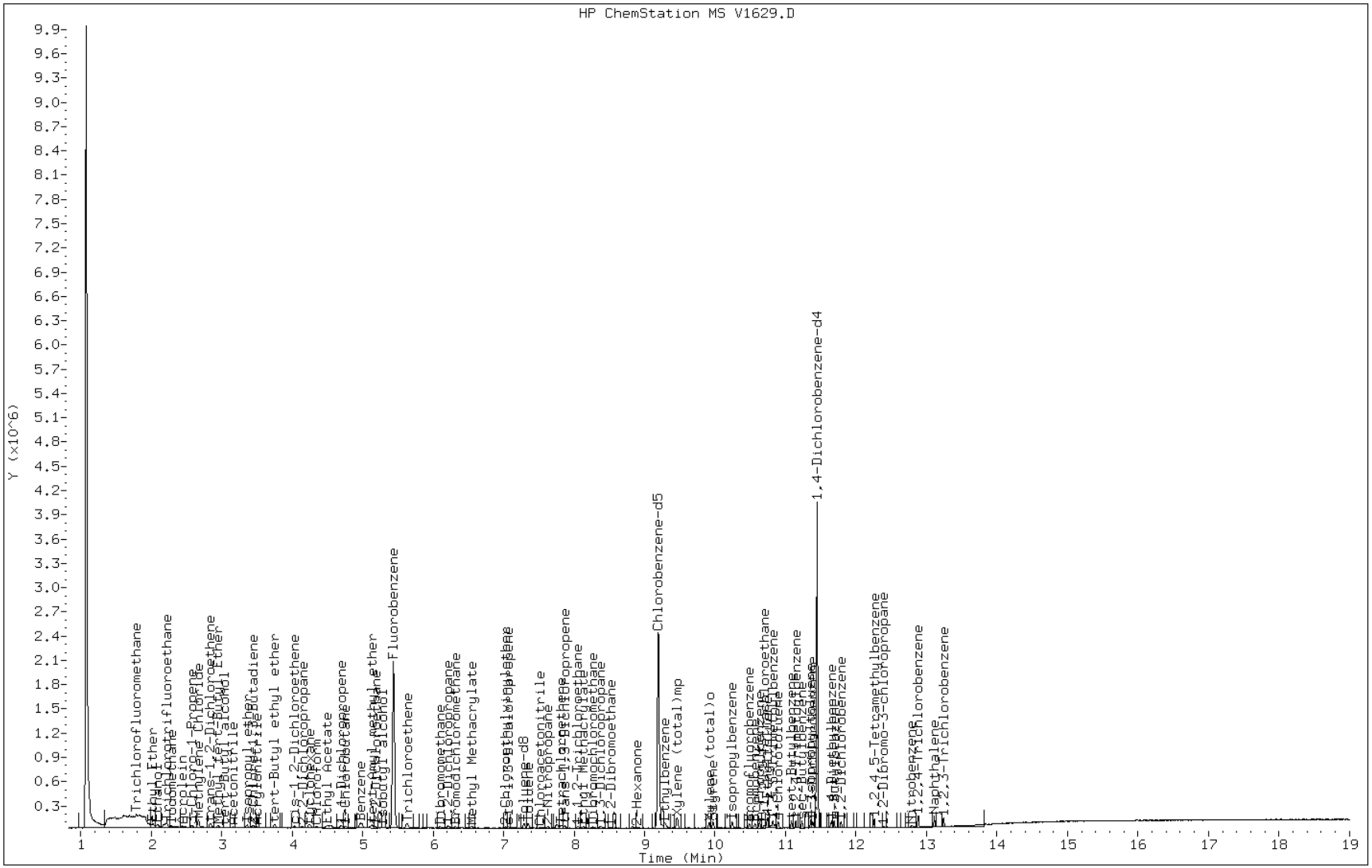
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1629.D

Date: 23-APR-2010 17:19

Client ID: IC;0.5 Instrument: msv.i

Sample Info: IC;0.5 Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 69 2-Chloroethylvinylether
CAS #: 110-75-8
Report Date: 05/03/2010

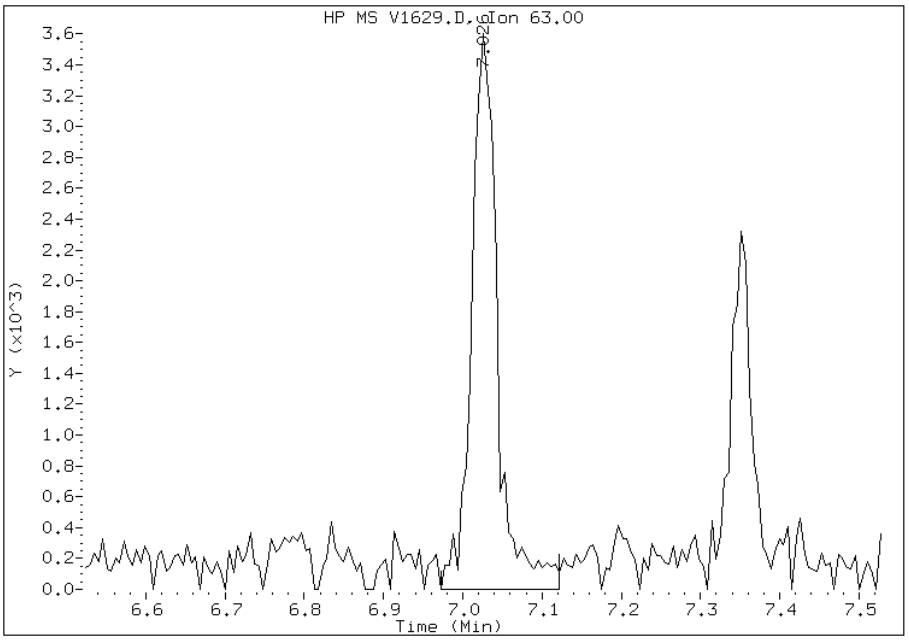
Processing Integration Results

RT: 7.03

Response: 8132

Amount: 1

Conc: 1



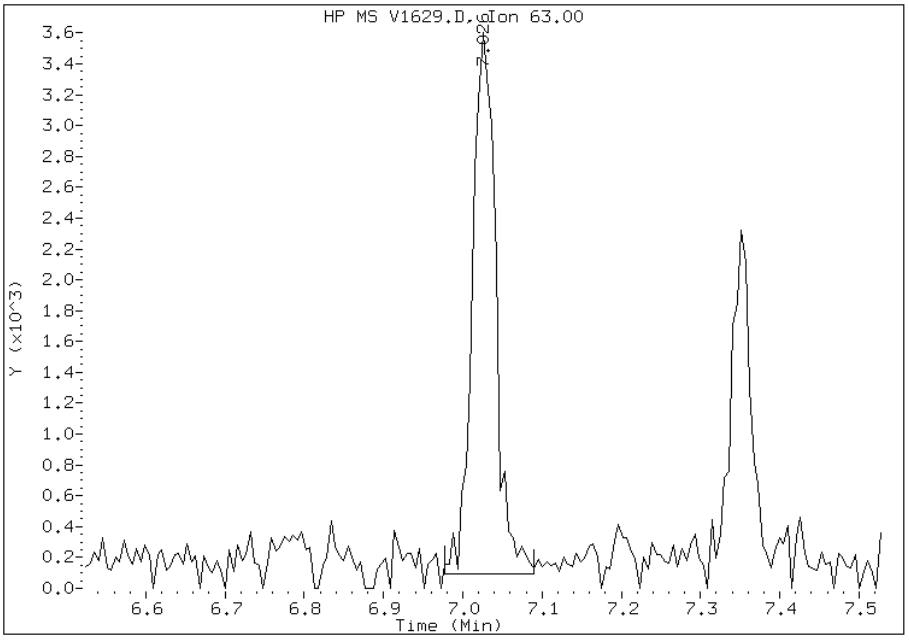
Manual Integration Results

RT: 7.03

Response: 7180

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 05/03/2010

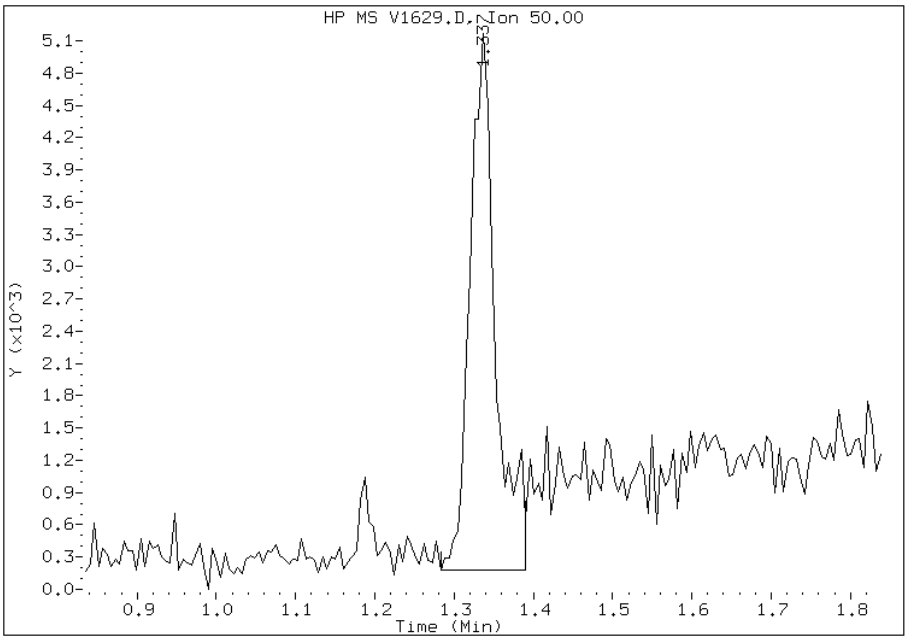
Processing Integration Results

RT: 1.34

Response: 11197

Amount: 1

Conc: 1



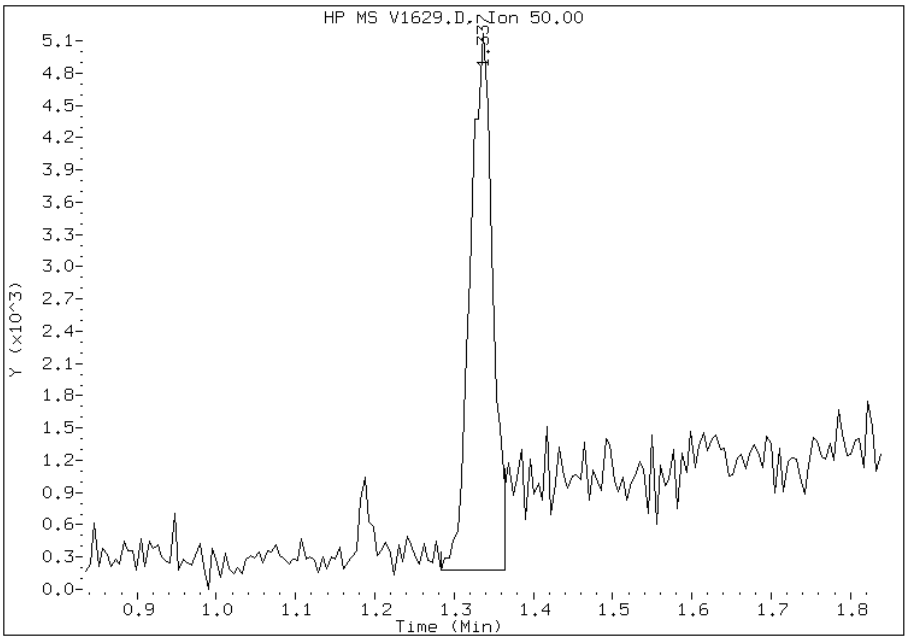
Manual Integration Results

RT: 1.34

Response: 9875

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 119 1,2-Dibromo-3-chloropropane
CAS #: 96-12-8
Report Date: 05/03/2010

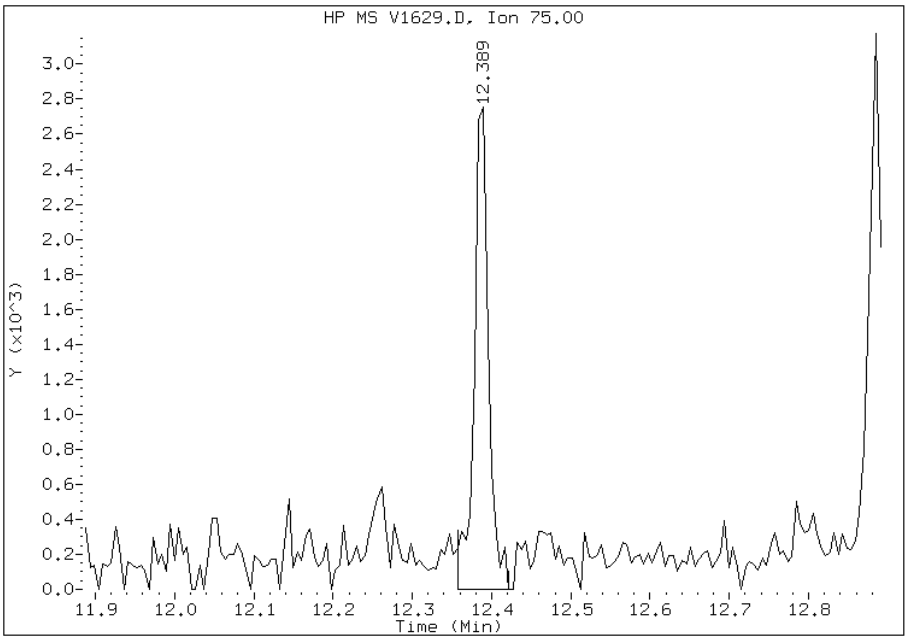
Processing Integration Results

RT: 12.39

Response: 3437

Amount: 1

Conc: 1



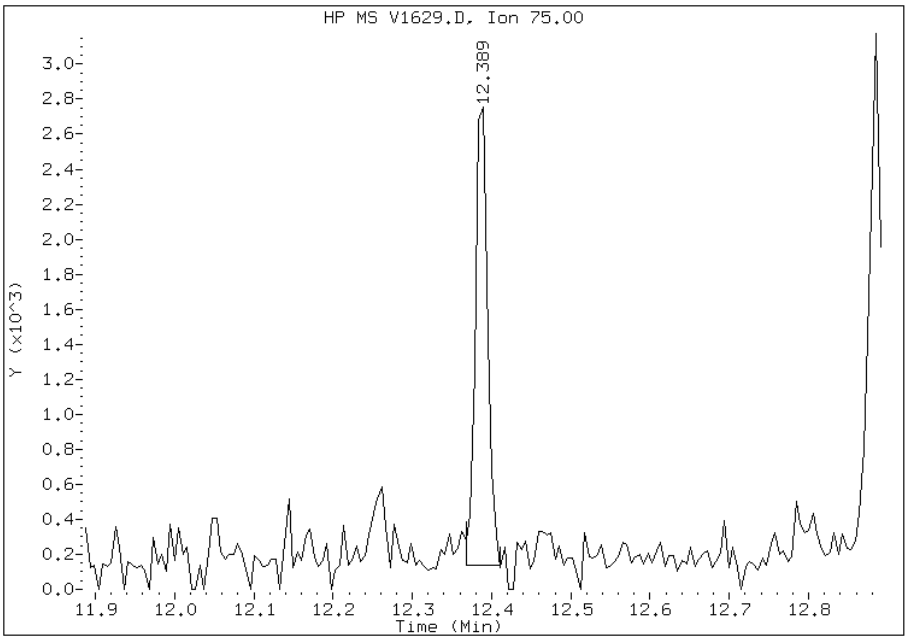
Manual Integration Results

RT: 12.39

Response: 2780

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 84 1,2-Dibromoethane
CAS #: 106-93-4
Report Date: 05/03/2010

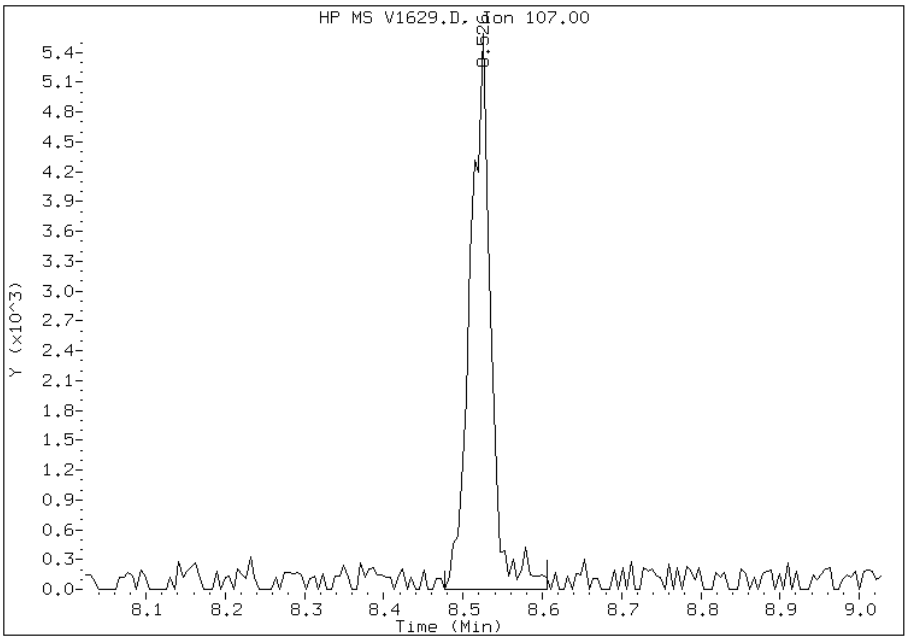
Processing Integration Results

RT: 8.53

Response: 10040

Amount: 1

Conc: 1



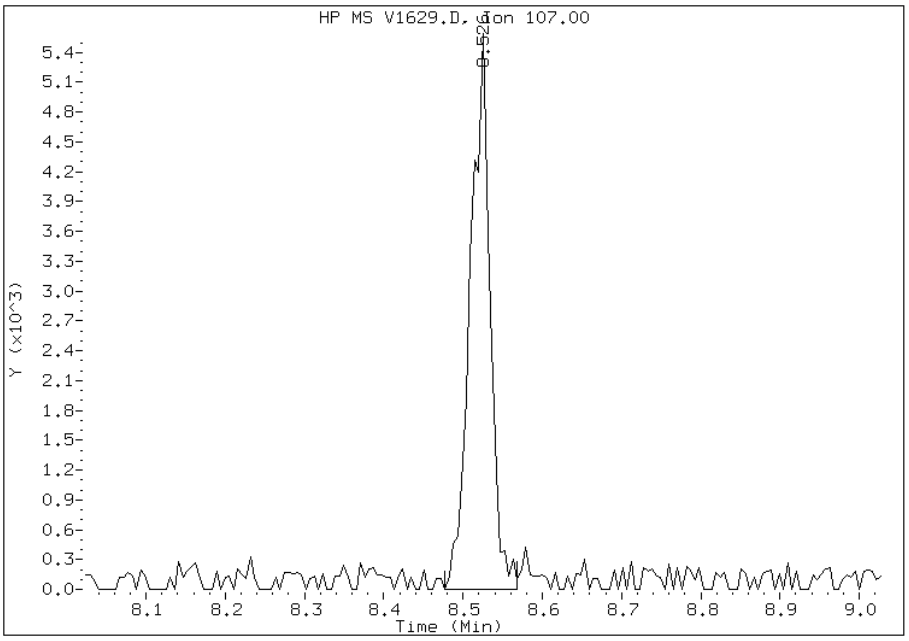
Manual Integration Results

RT: 8.53

Response: 9634

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 42 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 05/03/2010

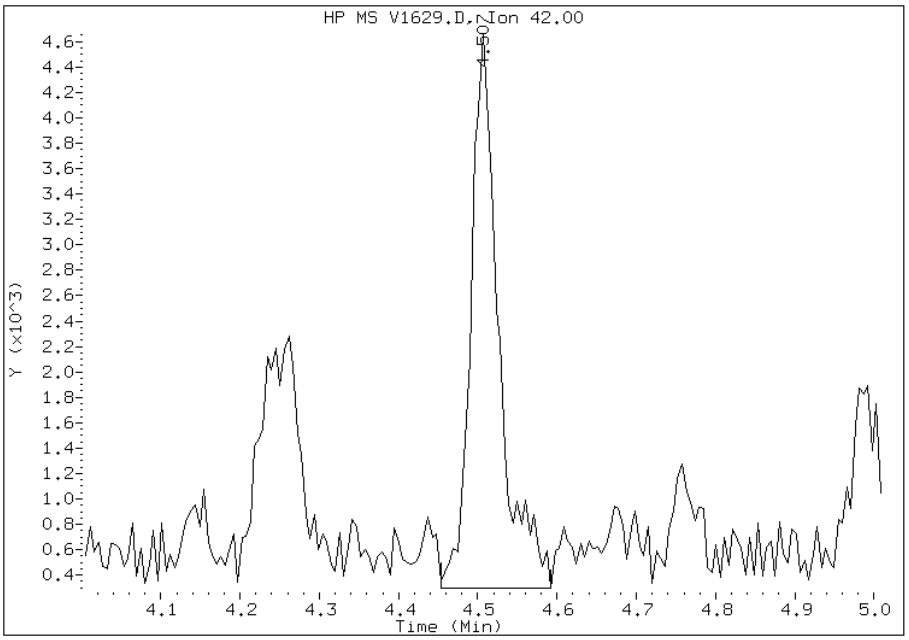
Processing Integration Results

RT: 4.51

Response: 10704

Amount: 1

Conc: 1



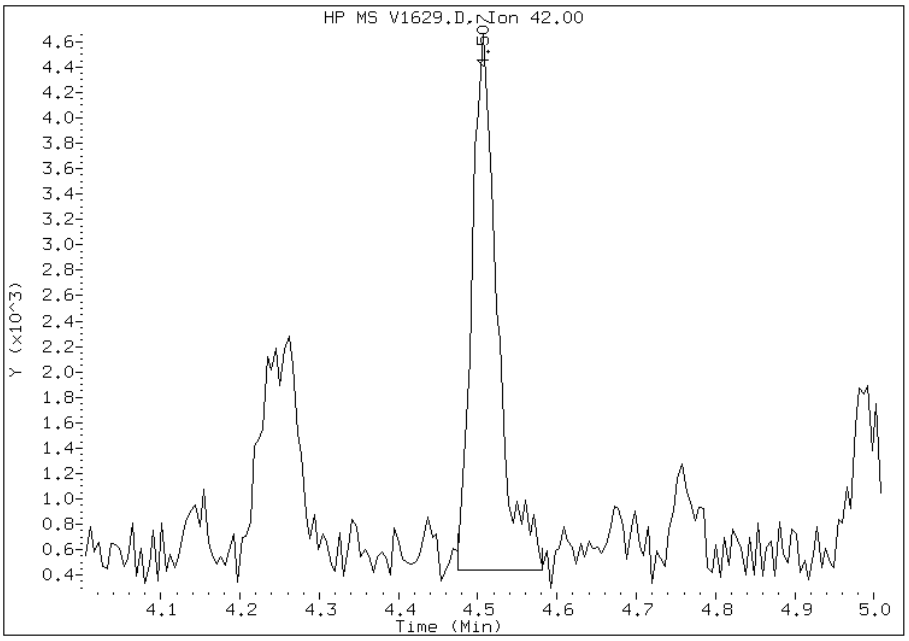
Manual Integration Results

RT: 4.51

Response: 9416

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 25 tert-Butyl alcohol
CAS #: 75-65-0
Report Date: 05/03/2010

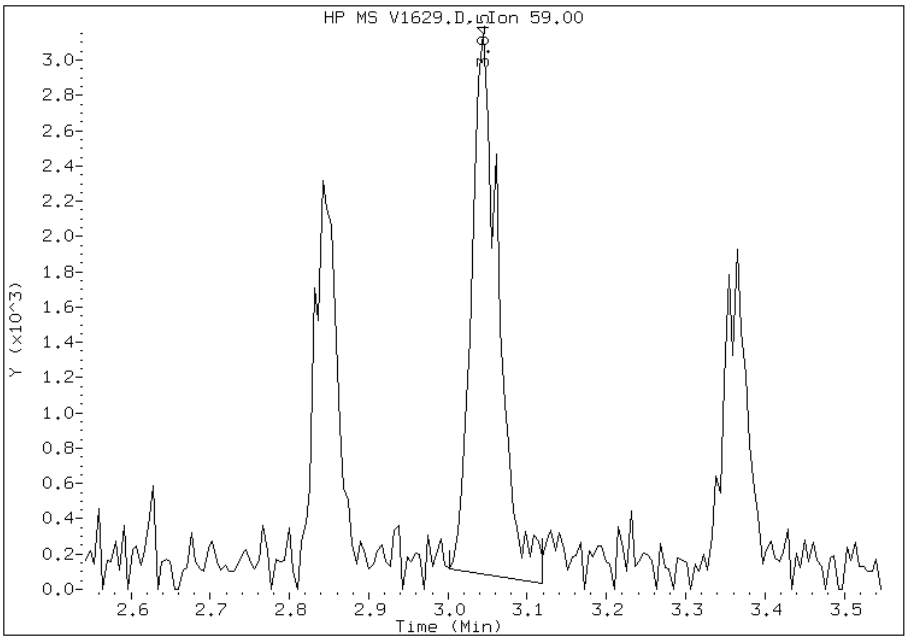
Processing Integration Results

RT: 3.04

Response: 7334

Amount: 3

Conc: 3



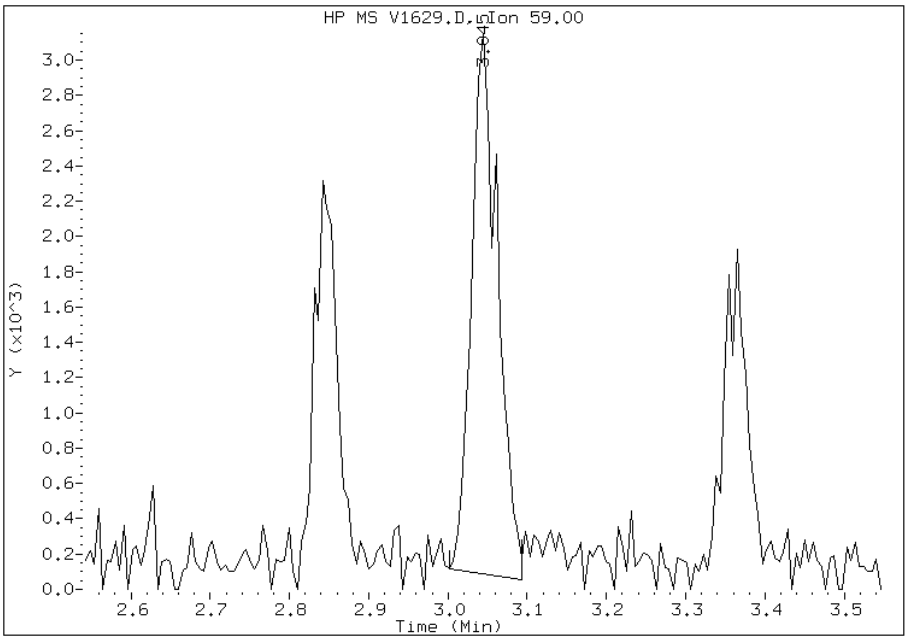
Manual Integration Results

RT: 3.04

Response: 6994

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 2 Dichlorodifluoromethane
CAS #: 75-71-8
Report Date: 05/03/2010

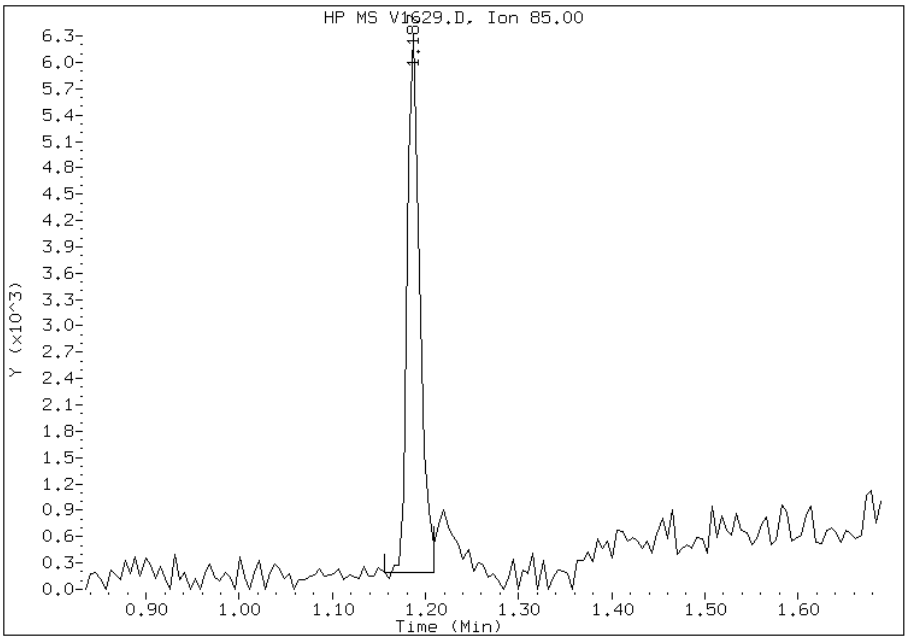
Processing Integration Results

RT: 1.19

Response: 5822

Amount: 0

Conc: 0



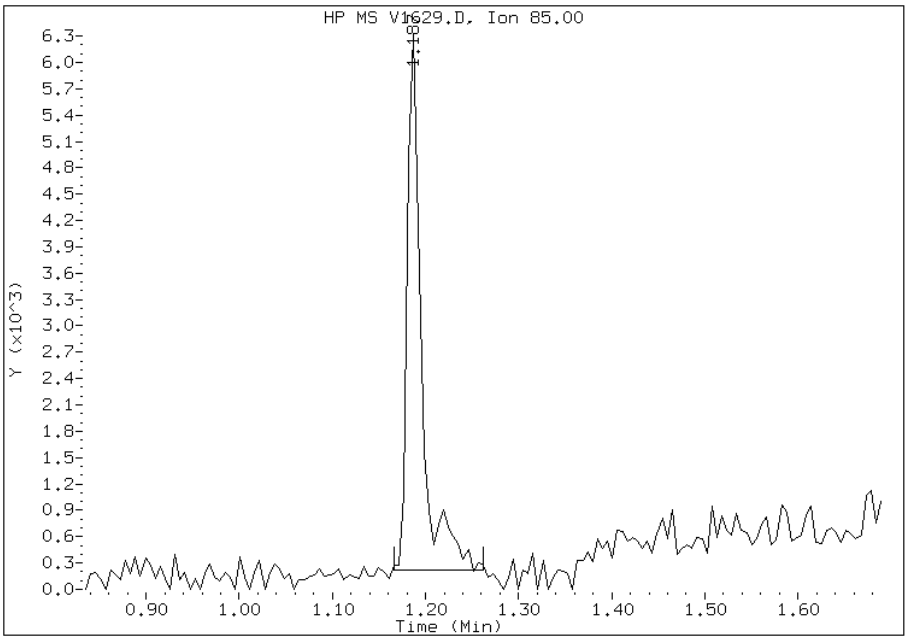
Manual Integration Results

RT: 1.19

Response: 6653

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 05/03/2010

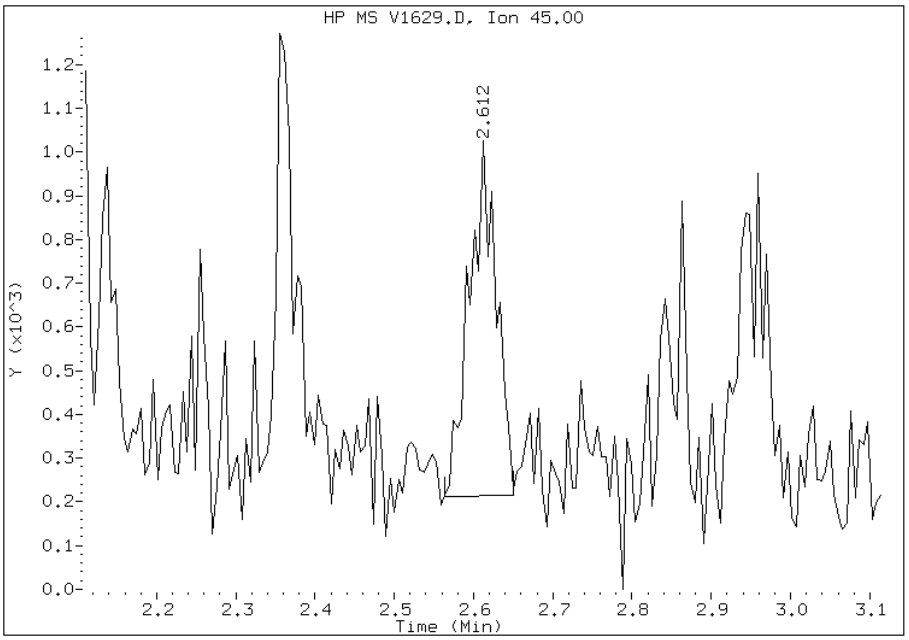
Processing Integration Results

RT: 2.61

Response: 1897

Amount: 1

Conc: 1



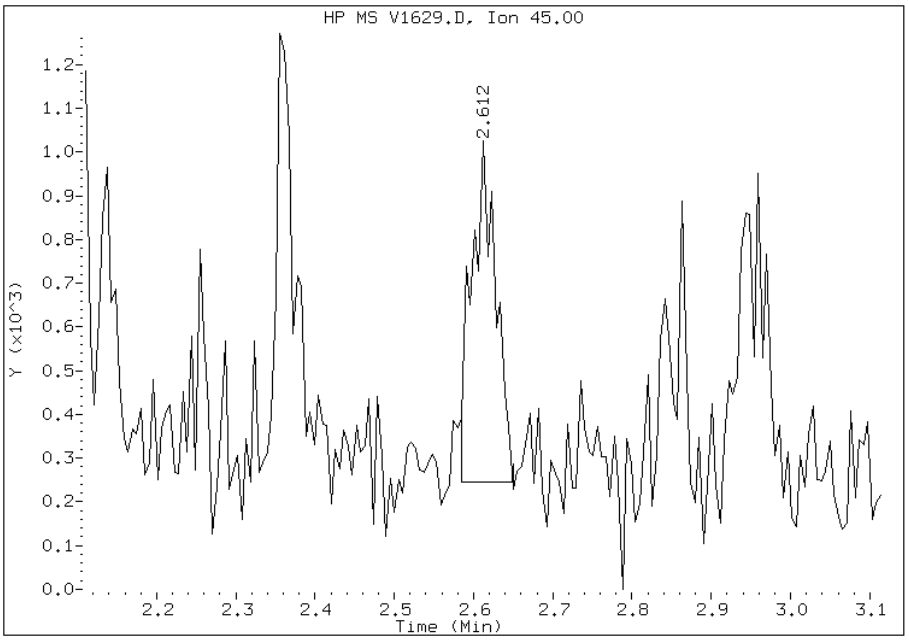
Manual Integration Results

RT: 2.61

Response: 1649

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 05/03/2010

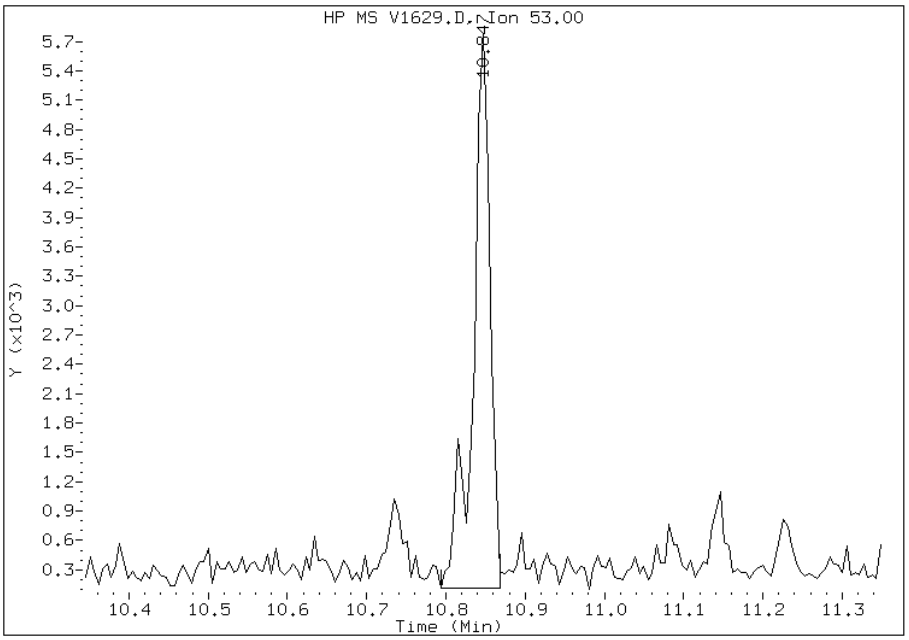
Processing Integration Results

RT: 10.85

Response: 8418

Amount: 1

Conc: 1



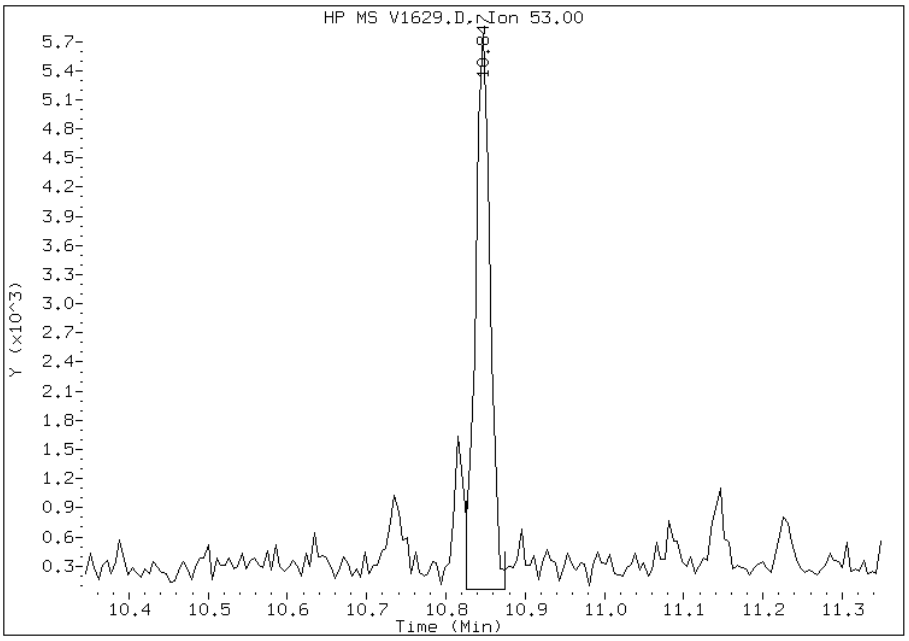
Manual Integration Results

RT: 10.85

Response: 7414

Amount: 1

Conc: 1



Manually Integrated By: magda
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 98 1,1,2,2-Tetrachloroethane
CAS #: 79-34-5
Report Date: 05/03/2010

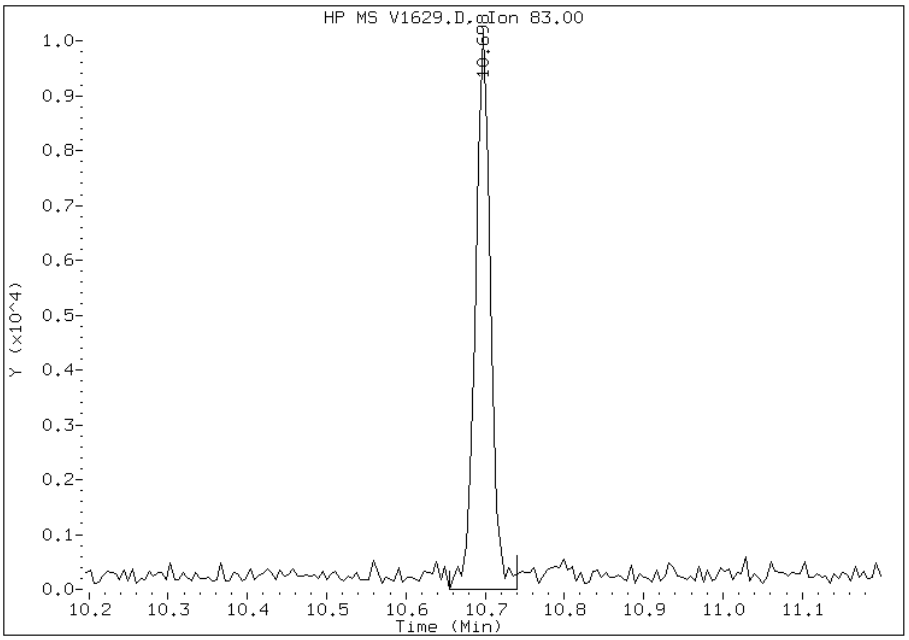
Processing Integration Results

RT: 10.70

Response: 13459

Amount: 1

Conc: 1



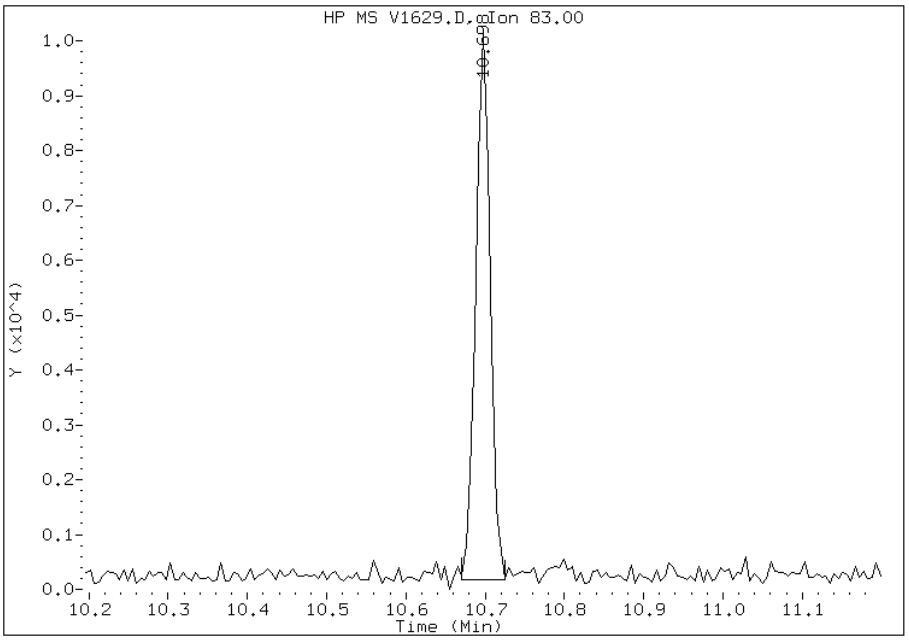
Manual Integration Results

RT: 10.70

Response: 12320

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/03/2010

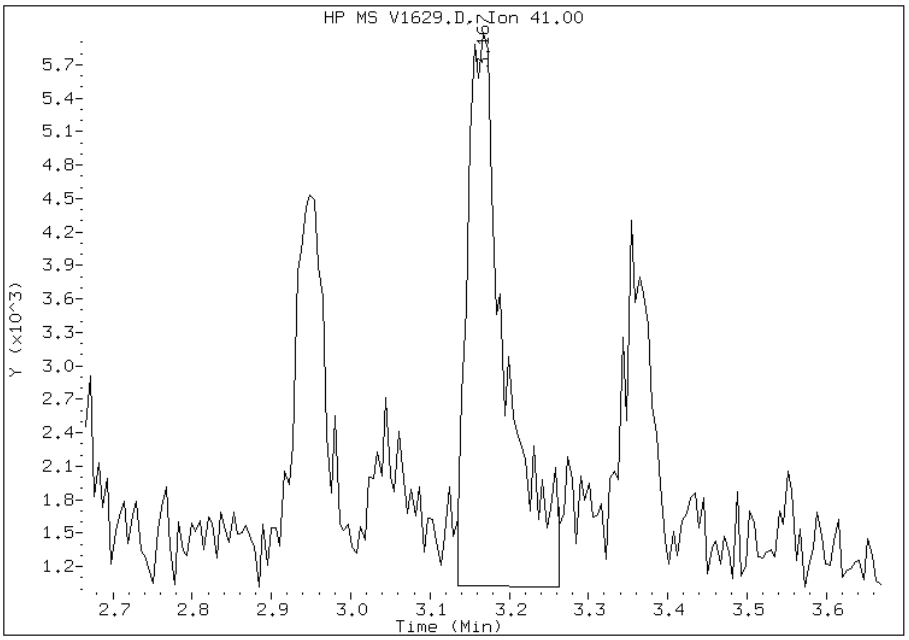
Processing Integration Results

RT: 3.17

Response: 16625

Amount: 7

Conc: 7



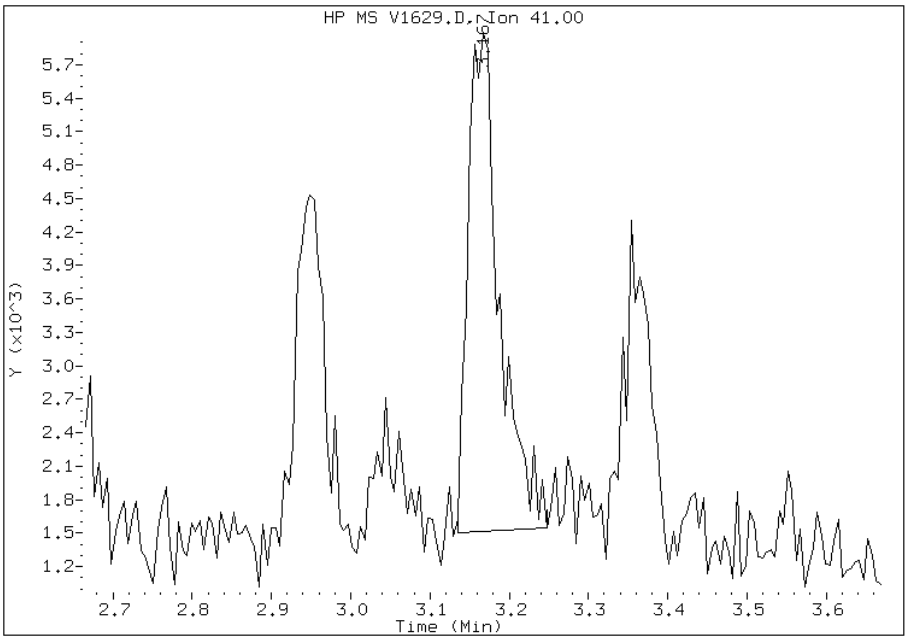
Manual Integration Results

RT: 3.17

Response: 12334

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 17 Acrolein
CAS #: 107-02-8
Report Date: 05/03/2010

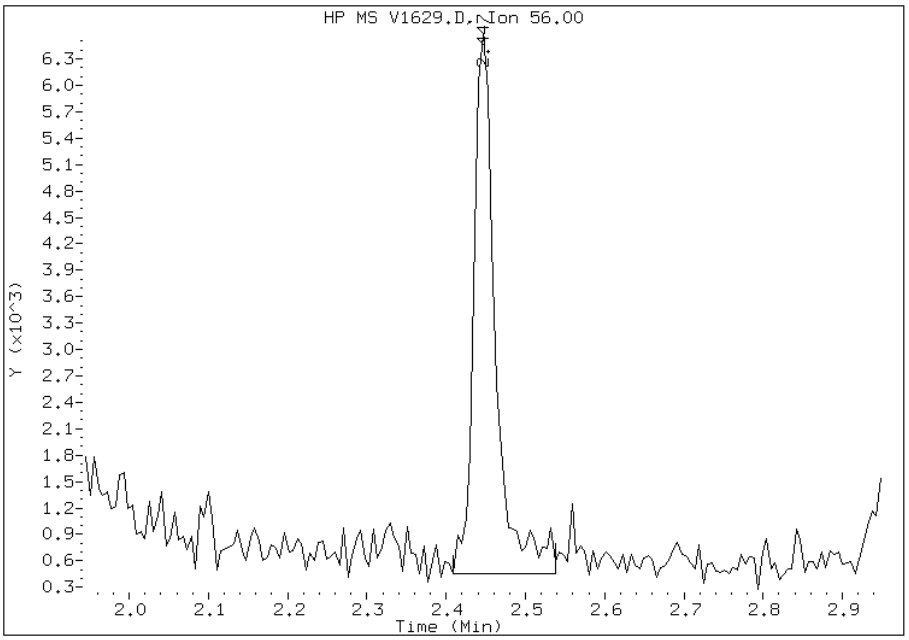
Processing Integration Results

RT: 2.45

Response: 11704

Amount: 3

Conc: 3



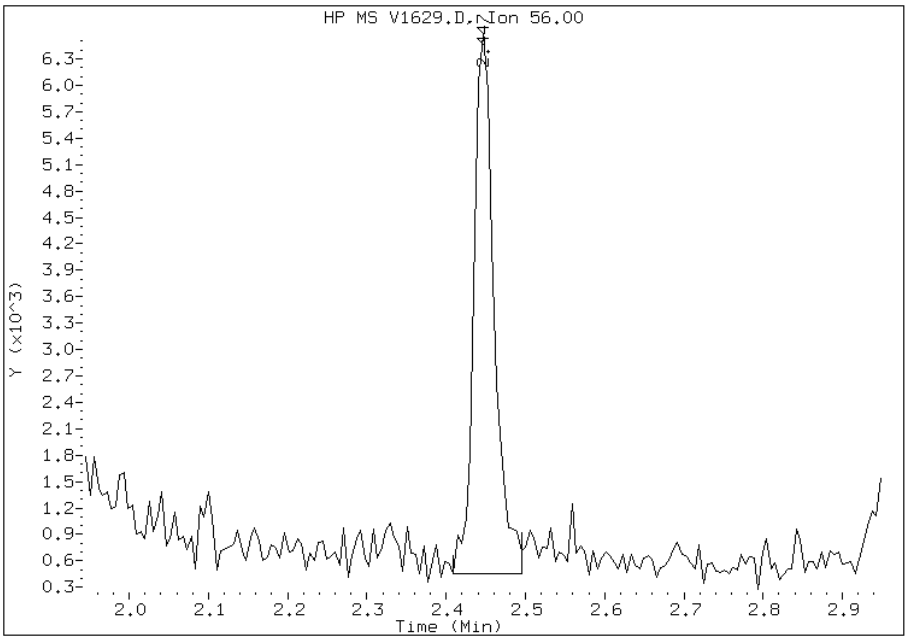
Manual Integration Results

RT: 2.45

Response: 10863

Amount: 3

Conc: 3



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 35 Bromochloromethane
CAS #: 74-97-5
Report Date: 05/03/2010

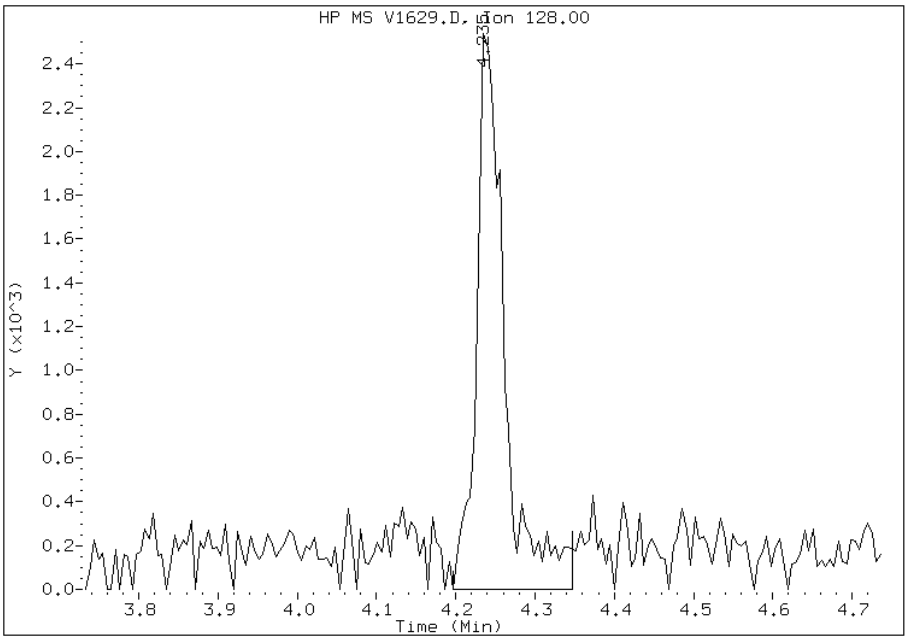
Processing Integration Results

RT: 4.23

Response: 6222

Amount: 1

Conc: 1



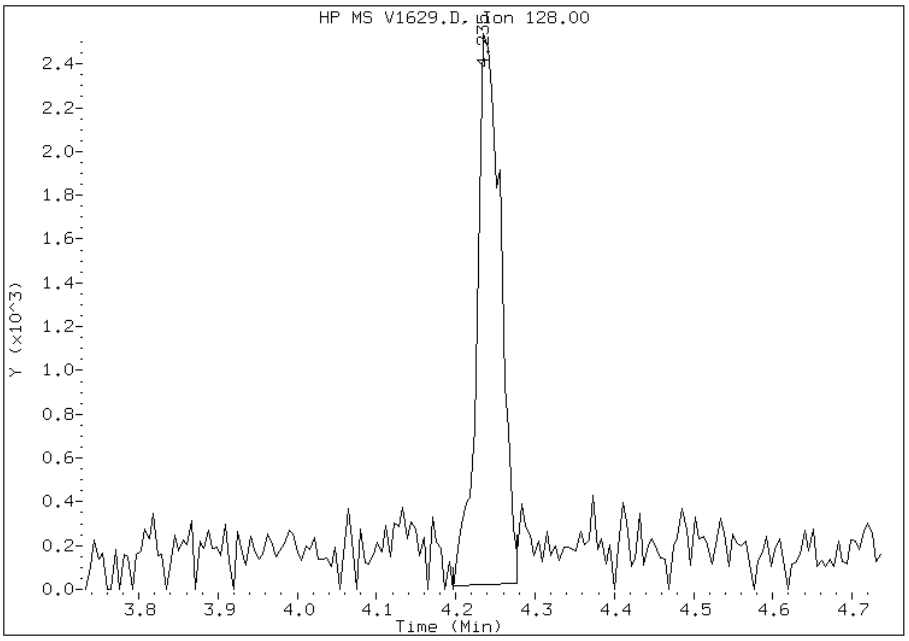
Manual Integration Results

RT: 4.23

Response: 5227

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 23 Methyl Acetate
CAS #: 79-20-9
Report Date: 05/03/2010

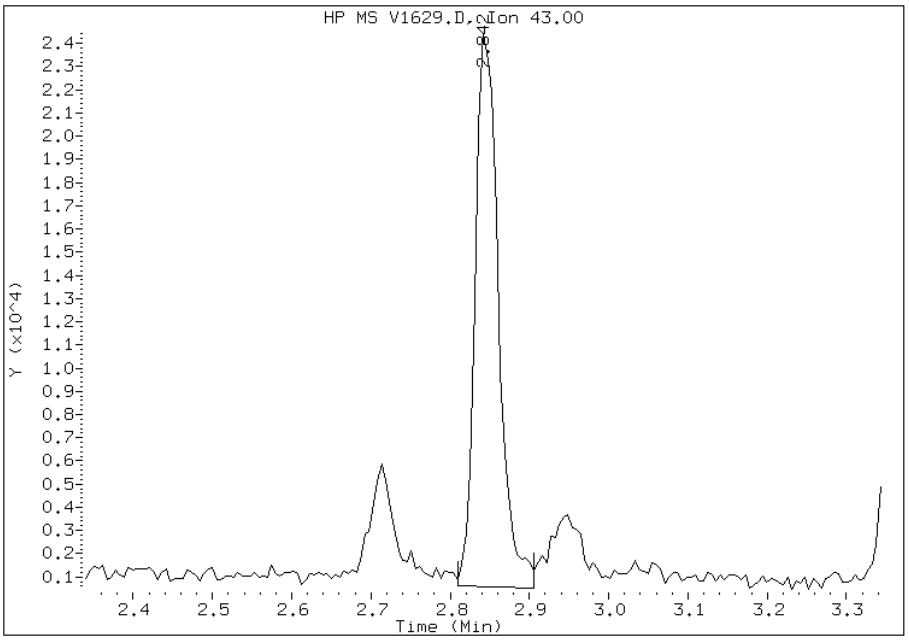
Processing Integration Results

RT: 2.84

Response: 48485

Amount: 1

Conc: 1



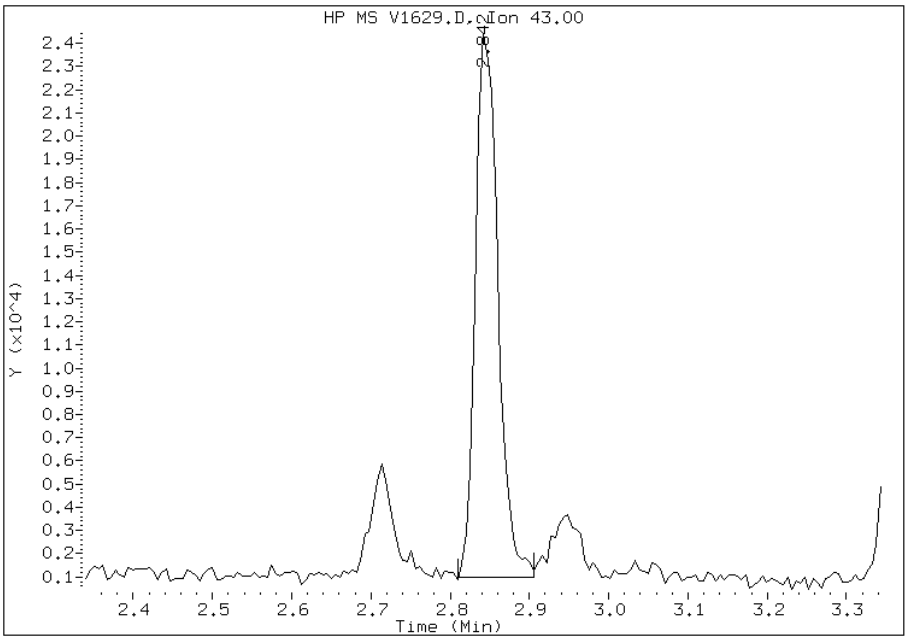
Manual Integration Results

RT: 2.84

Response: 45890

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/03/2010

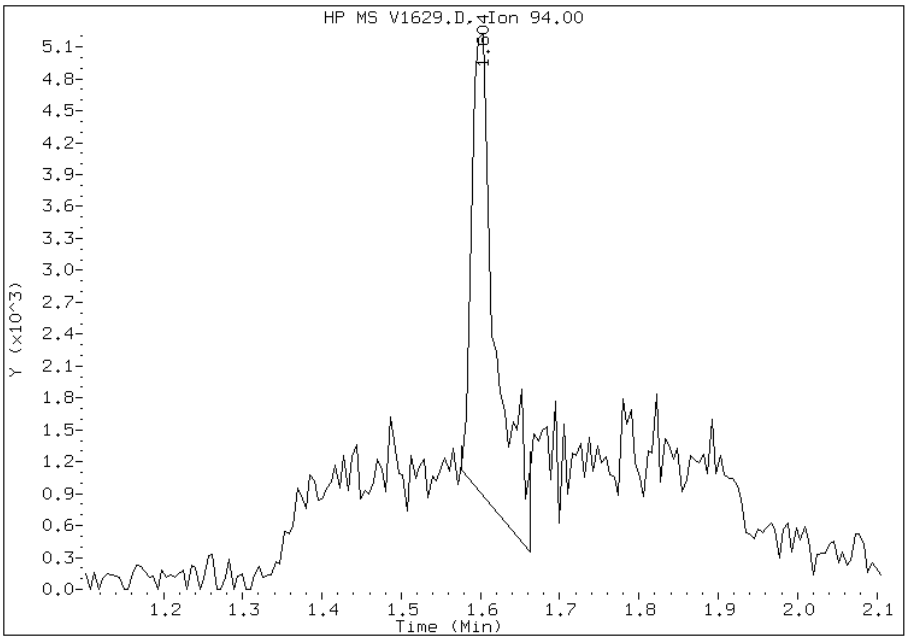
Processing Integration Results

RT: 1.60

Response: 9070

Amount: 1

Conc: 1



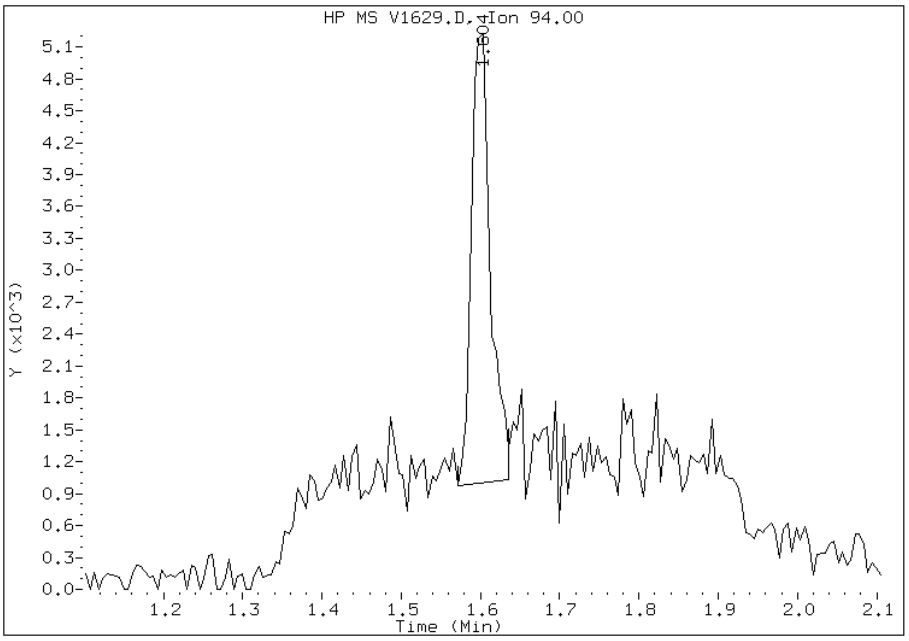
Manual Integration Results

RT: 1.60

Response: 7025

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 05/03/2010

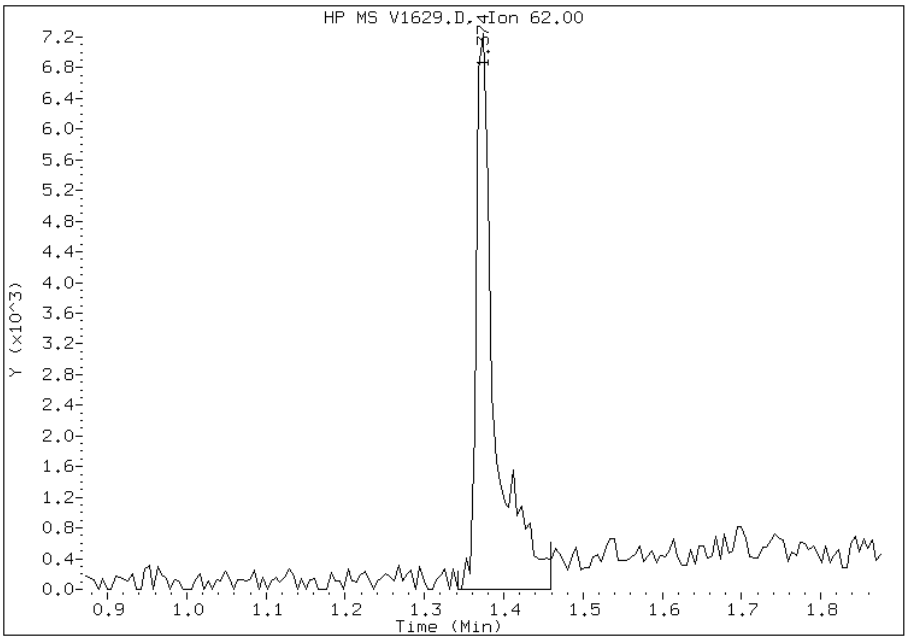
Processing Integration Results

RT: 1.37

Response: 11848

Amount: 1

Conc: 1



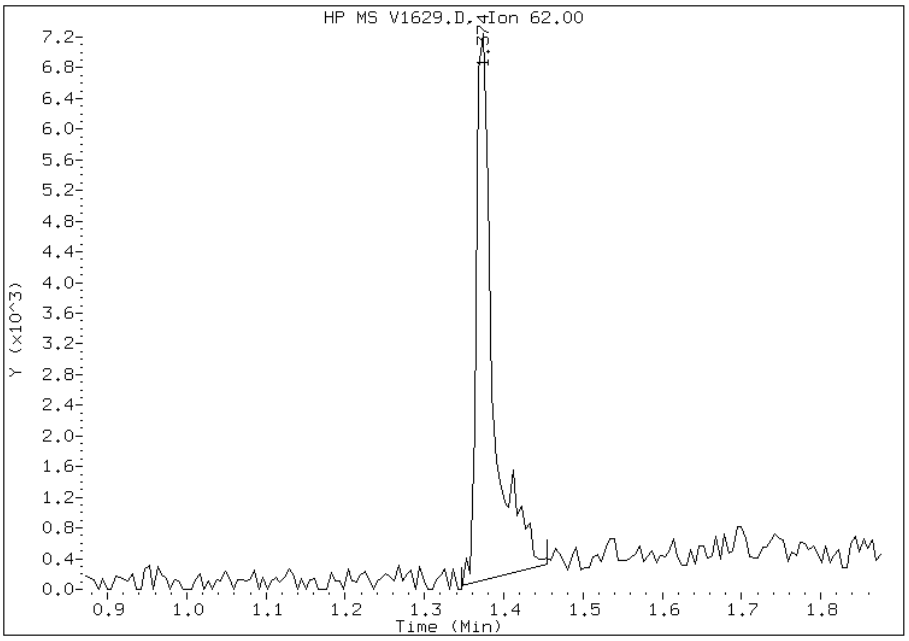
Manual Integration Results

RT: 1.37

Response: 10484

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 21 Acetone
CAS #: 67-64-1
Report Date: 05/03/2010

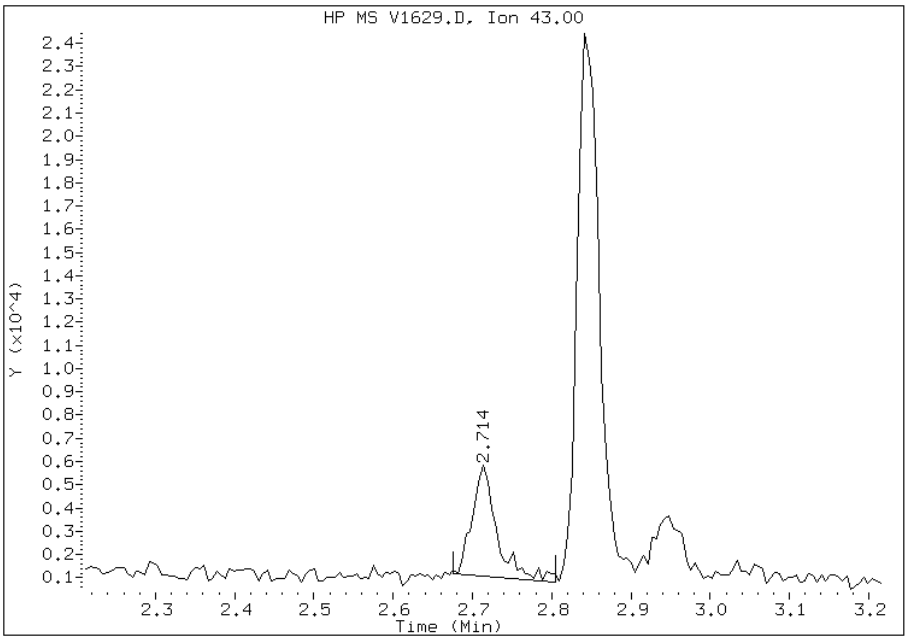
Processing Integration Results

RT: 2.71

Response: 10210

Amount: 1

Conc: 1



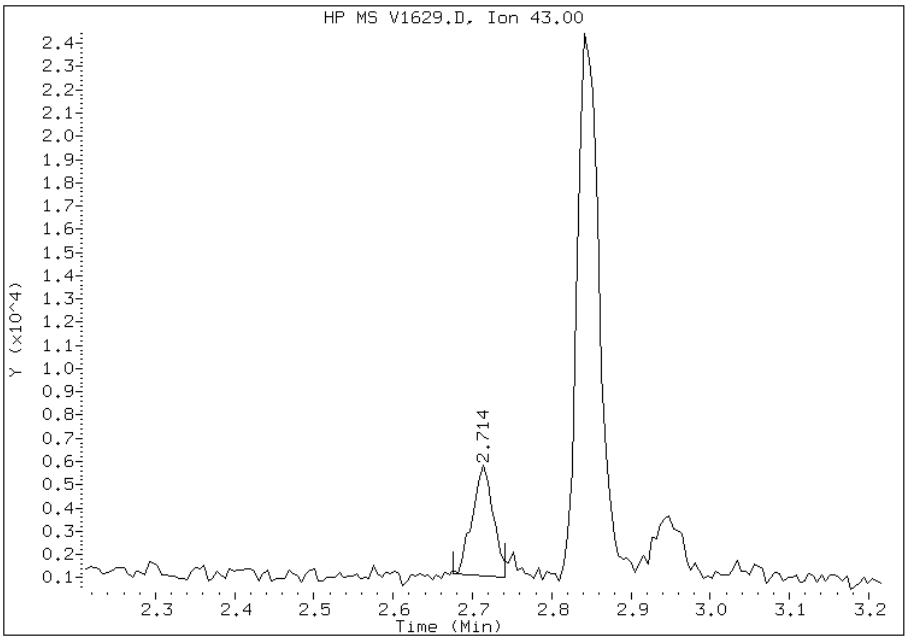
Manual Integration Results

RT: 2.71

Response: 8605

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 49 1-Chlorobutane
CAS #: 109-69-3
Report Date: 05/03/2010

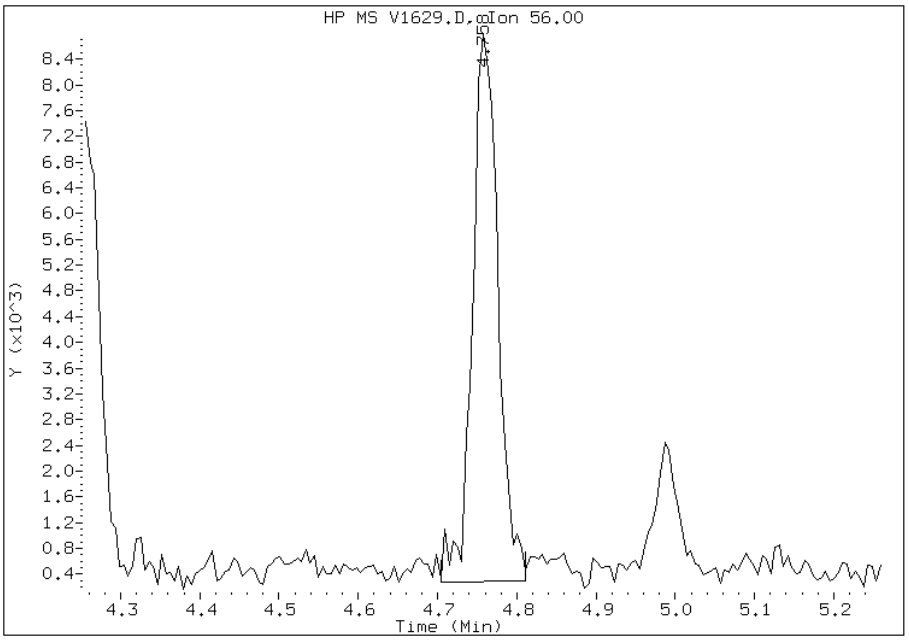
Processing Integration Results

RT: 4.76

Response: 19020

Amount: 1

Conc: 1



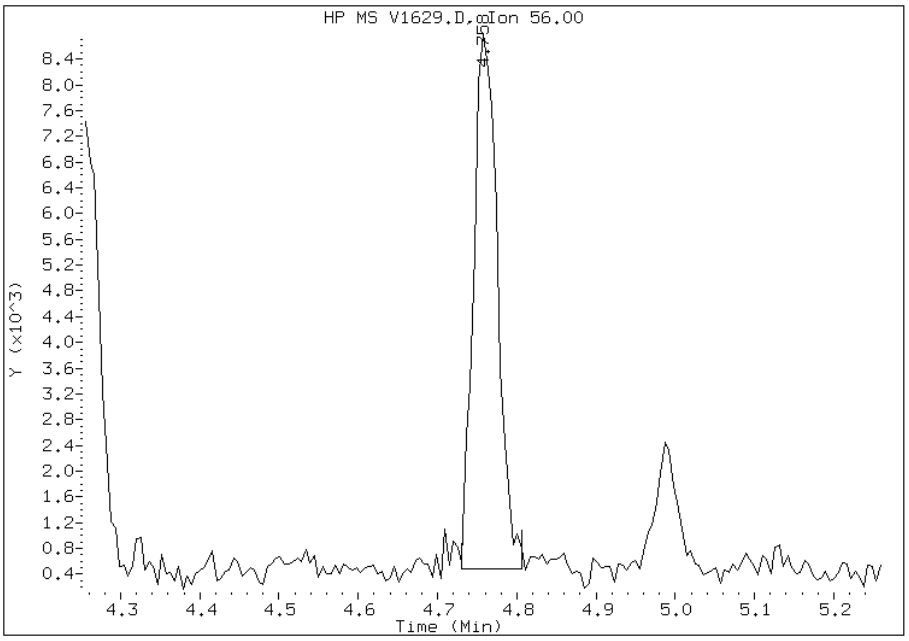
Manual Integration Results

RT: 4.76

Response: 17291

Amount: 0

Conc: 0



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 31 1,1-Dichloroethane
CAS #: 75-34-3
Report Date: 05/03/2010

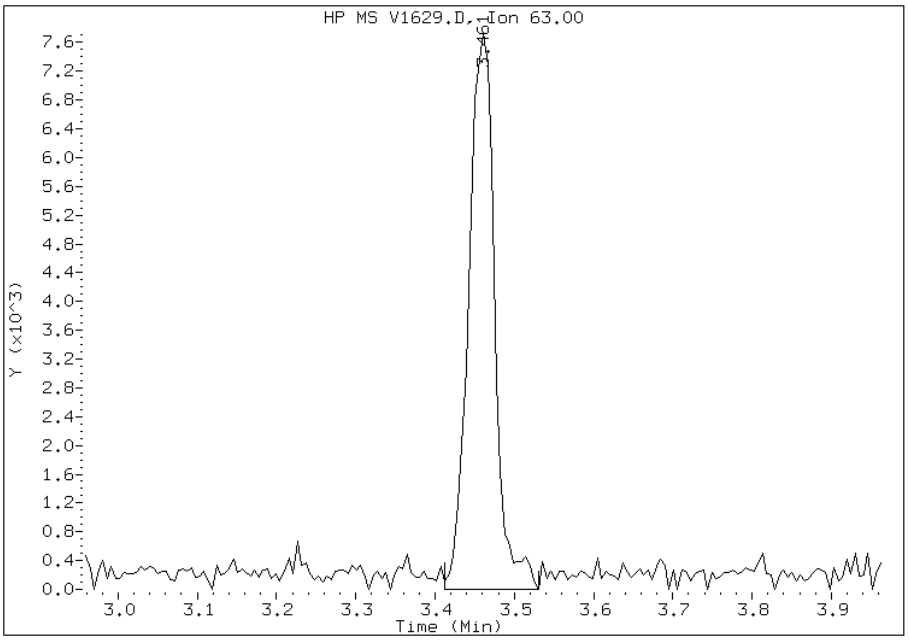
Processing Integration Results

RT: 3.46

Response: 17530

Amount: 1

Conc: 1



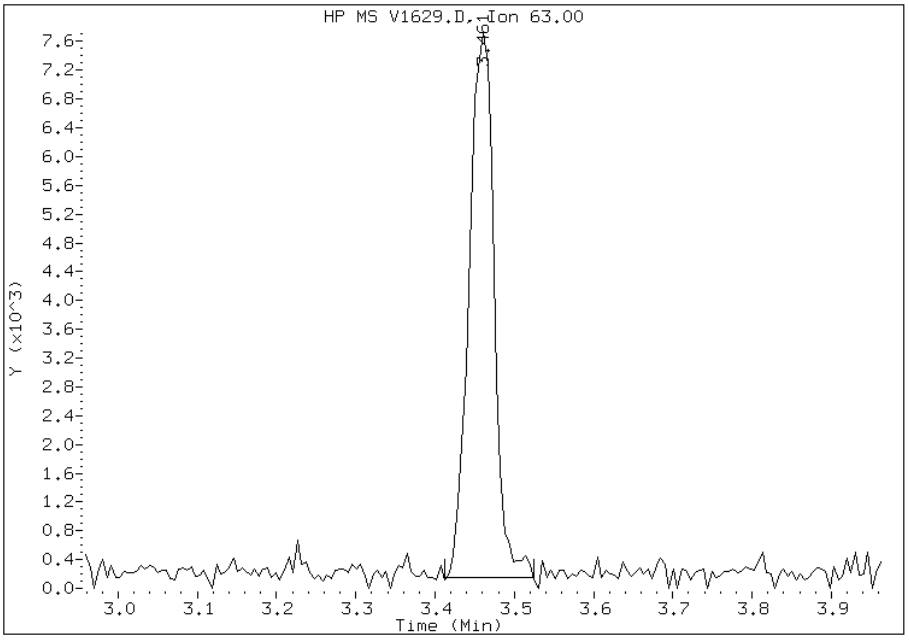
Manual Integration Results

RT: 3.46

Response: 16502

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 05/03/2010

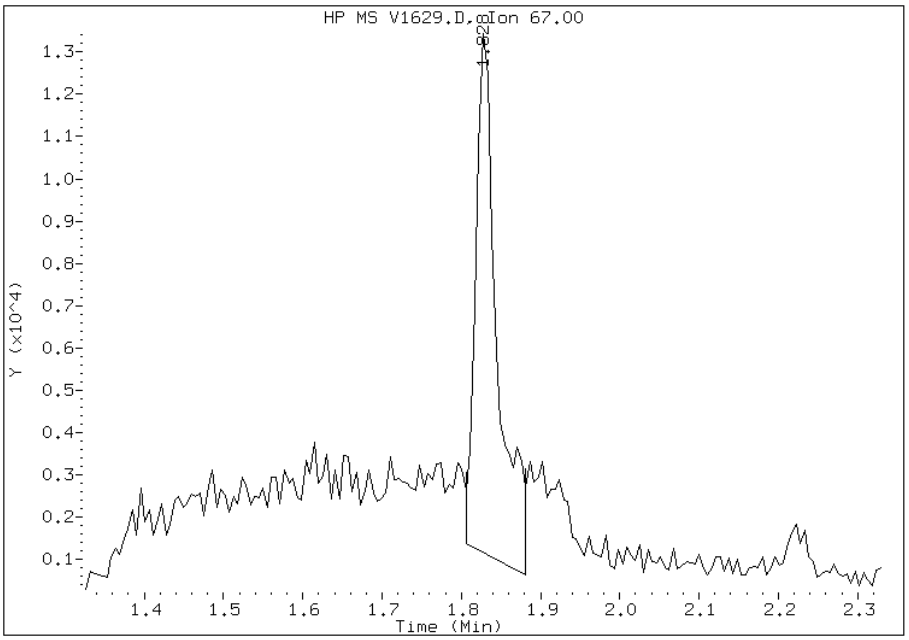
Processing Integration Results

RT: 1.83

Response: 23624

Amount: 1

Conc: 1



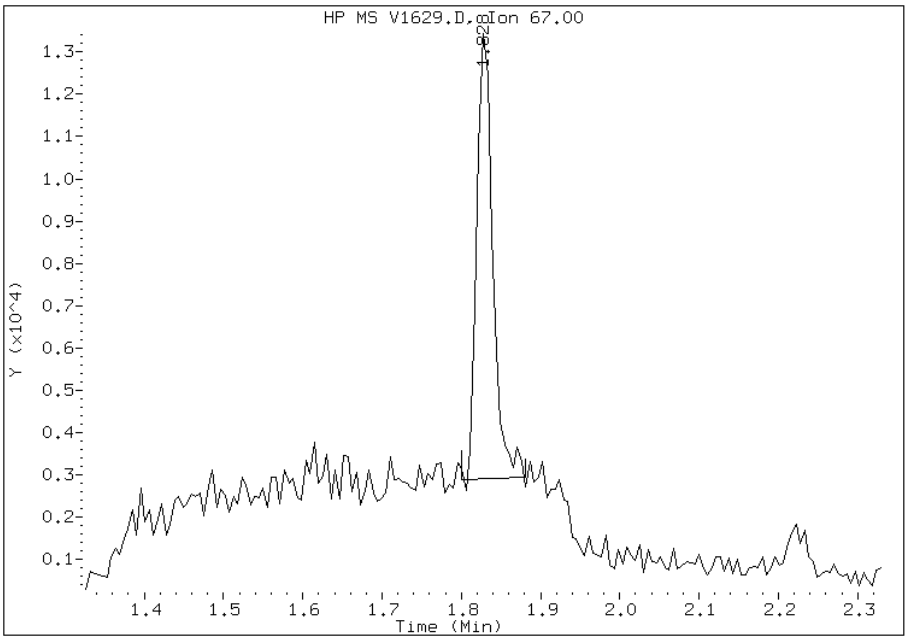
Manual Integration Results

RT: 1.83

Response: 14527

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 51 Propionitrile
CAS #: 107-12-0
Report Date: 05/03/2010

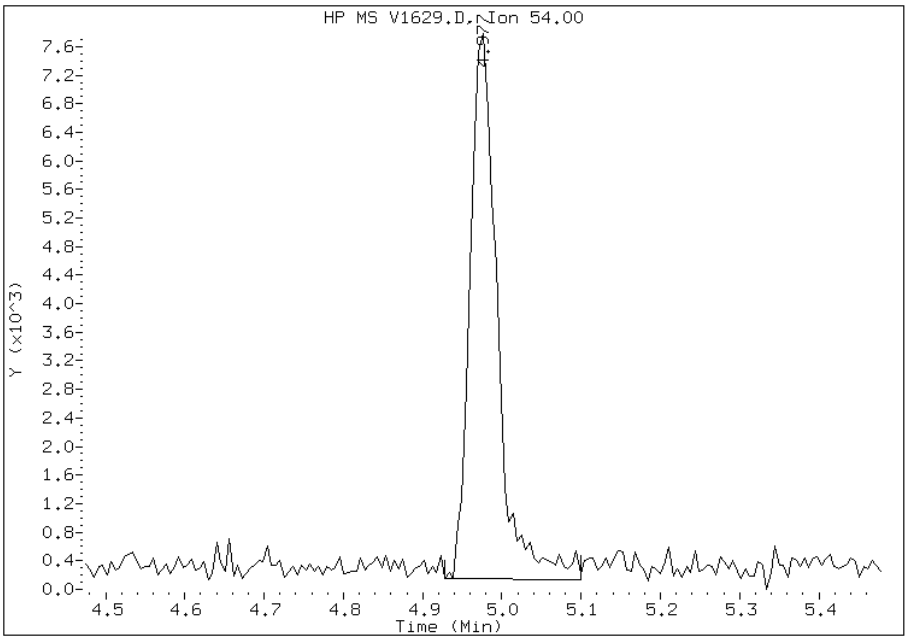
Processing Integration Results

RT: 4.98

Response: 18462

Amount: 6

Conc: 6



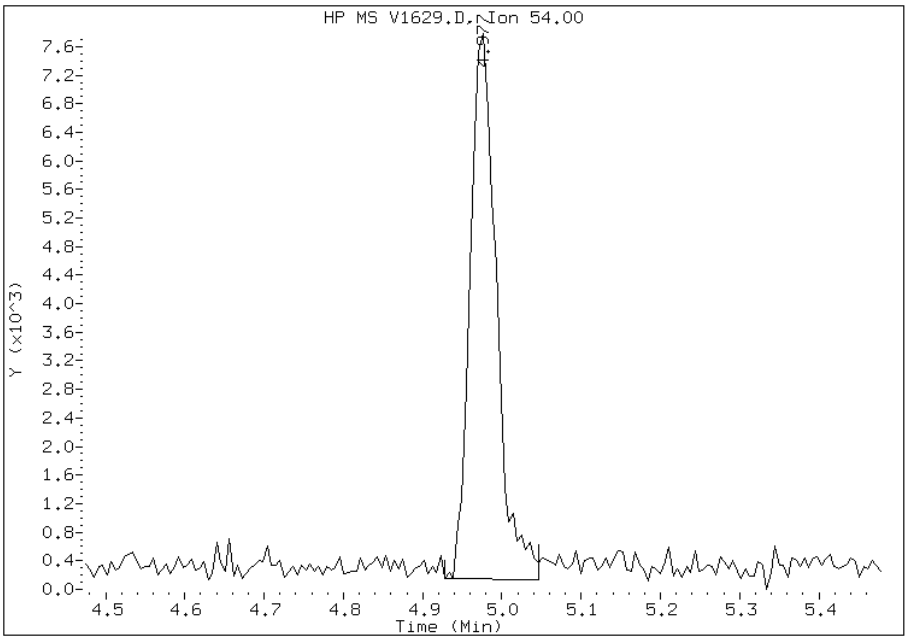
Manual Integration Results

RT: 4.98

Response: 17654

Amount: 6

Conc: 6



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 12 Freon 123
CAS #: 306-83-2
Report Date: 05/03/2010

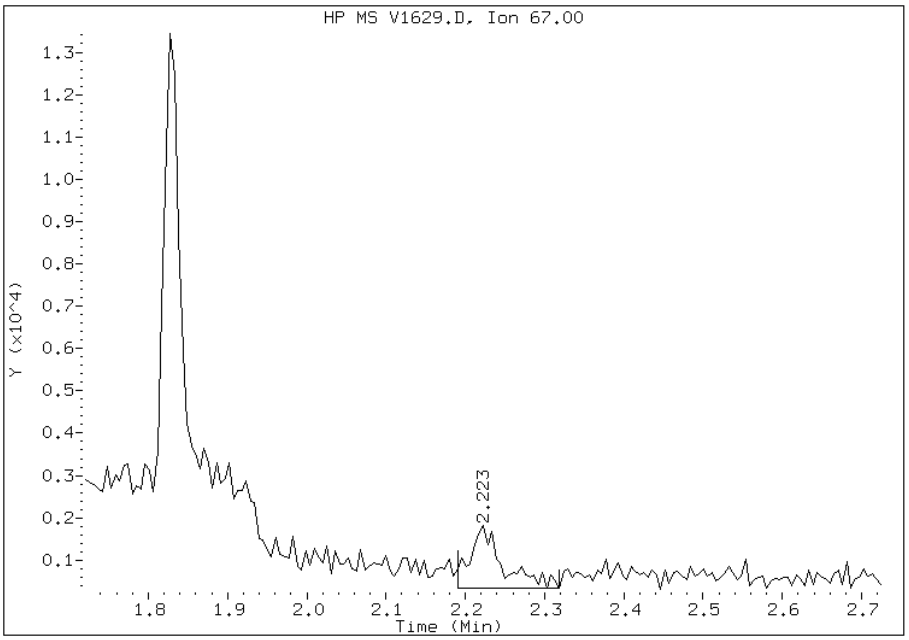
Processing Integration Results

RT: 2.22

Response: 4160

Amount: 1

Conc: 1



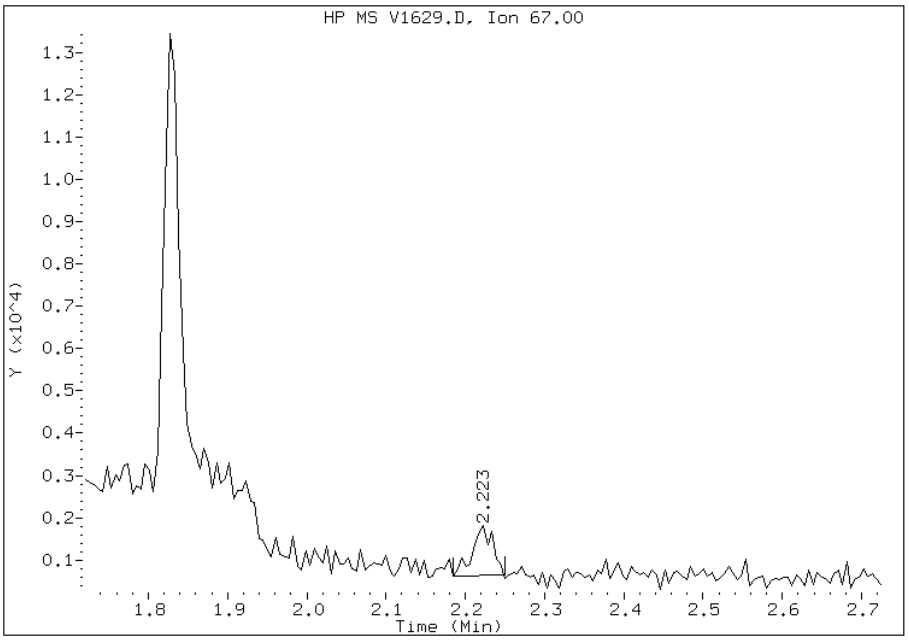
Manual Integration Results

RT: 2.22

Response: 2028

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 79 4-Methyl-2-Pentanone
CAS #: 108-10-1
Report Date: 05/03/2010

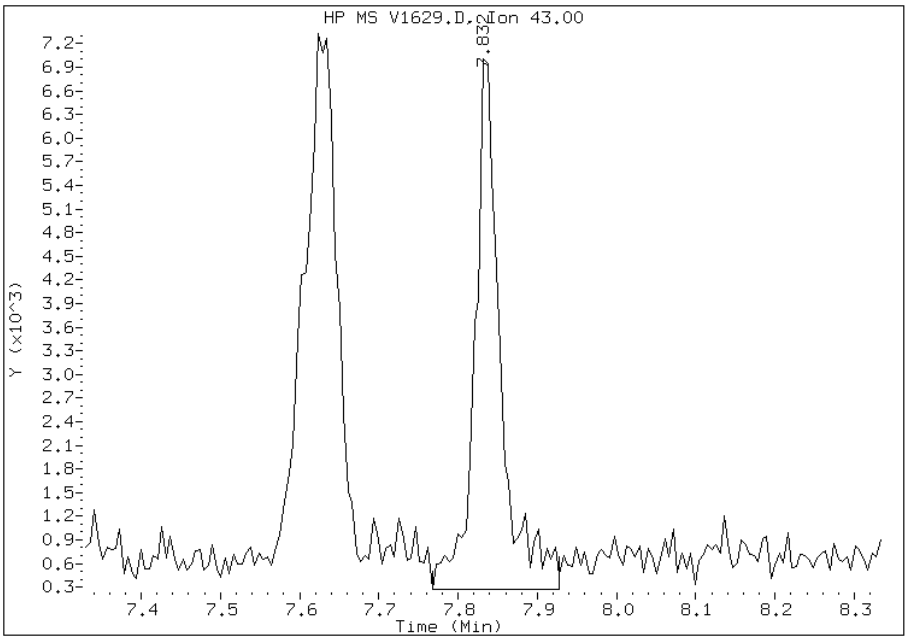
Processing Integration Results

RT: 7.83

Response: 15251

Amount: 1

Conc: 1



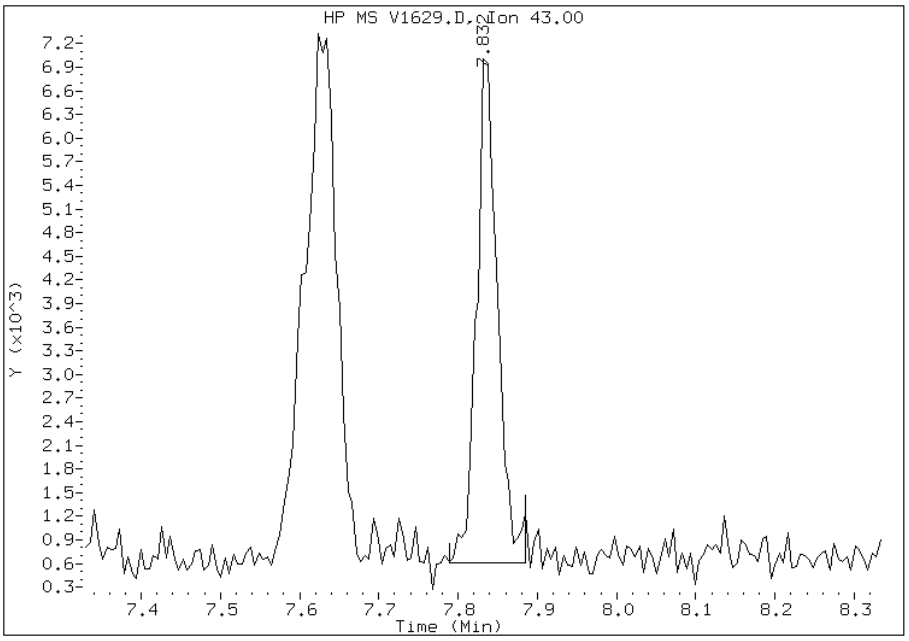
Manual Integration Results

RT: 7.83

Response: 11796

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/03/2010

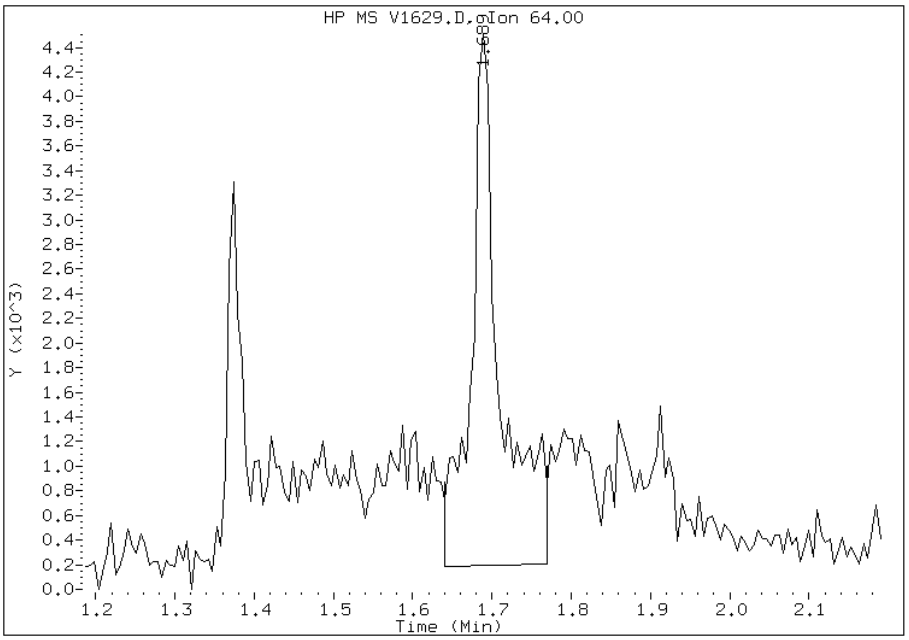
Processing Integration Results

RT: 1.69

Response: 11262

Amount: 1

Conc: 1



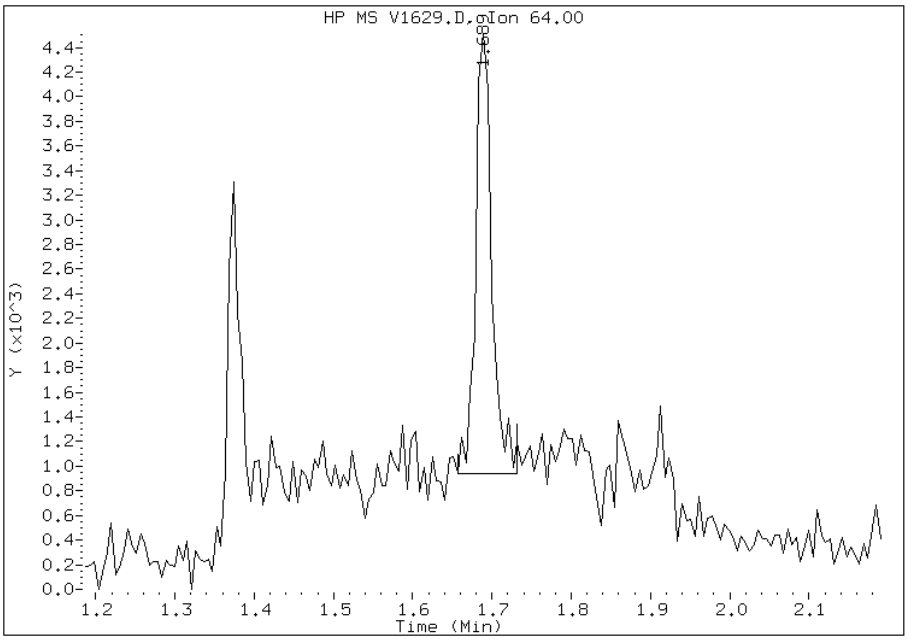
Manual Integration Results

RT: 1.69

Response: 5039

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/03/2010

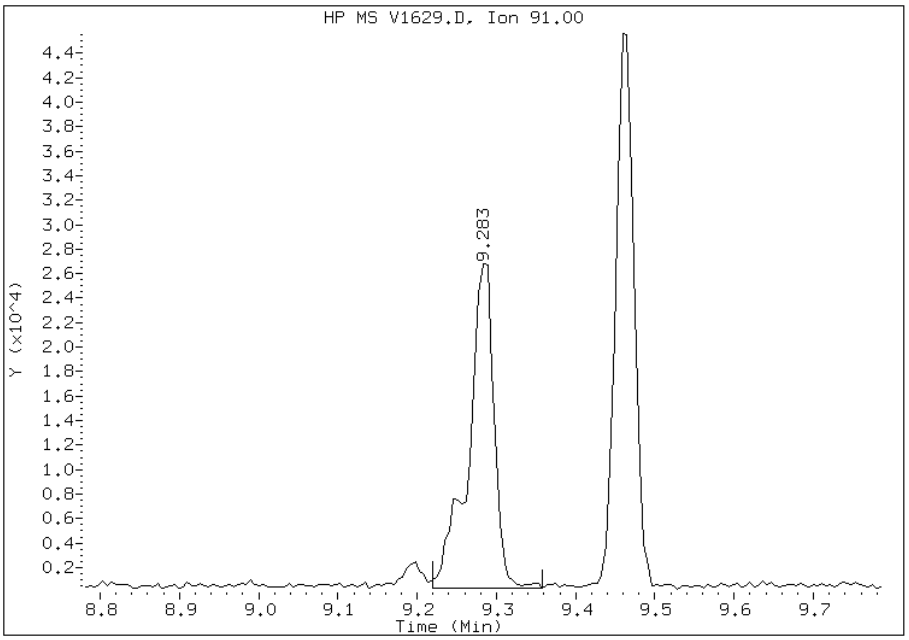
Processing Integration Results

RT: 9.28

Response: 58820

Amount: 1

Conc: 1



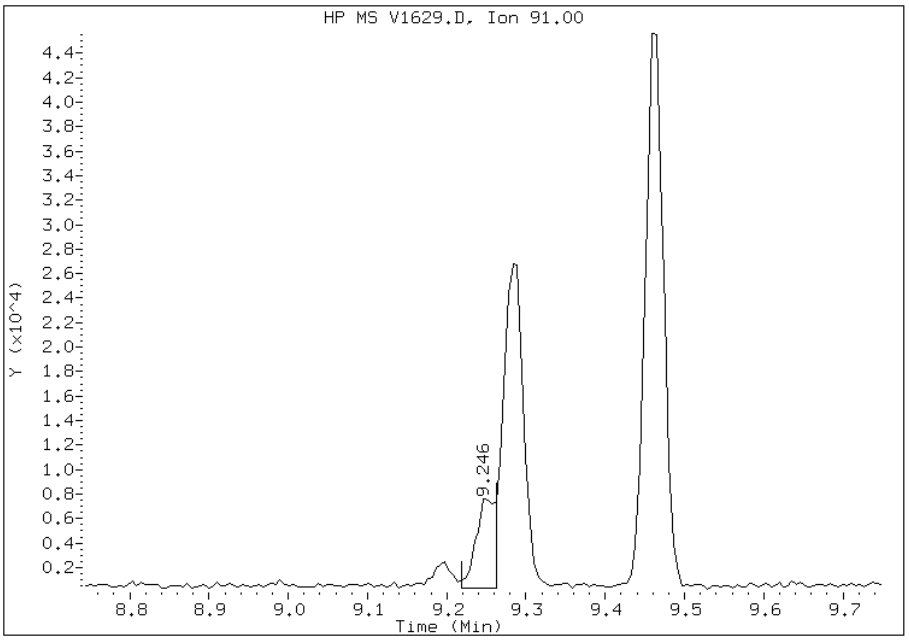
Manual Integration Results

RT: 9.25

Response: 12706

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 59 Methyl Cyclohexane
CAS #: 108-87-2
Report Date: 05/03/2010

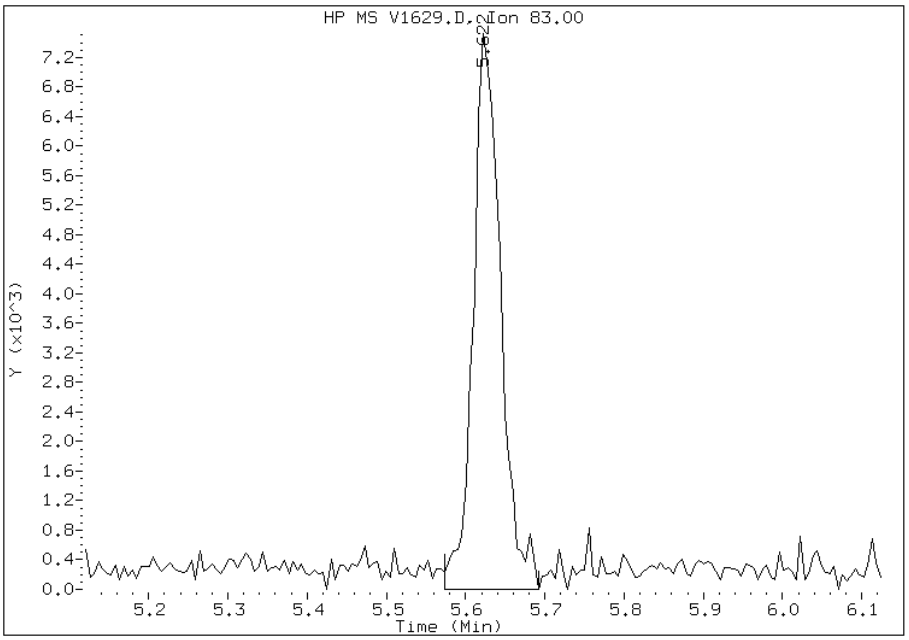
Processing Integration Results

RT: 5.62

Response: 18025

Amount: 1

Conc: 1



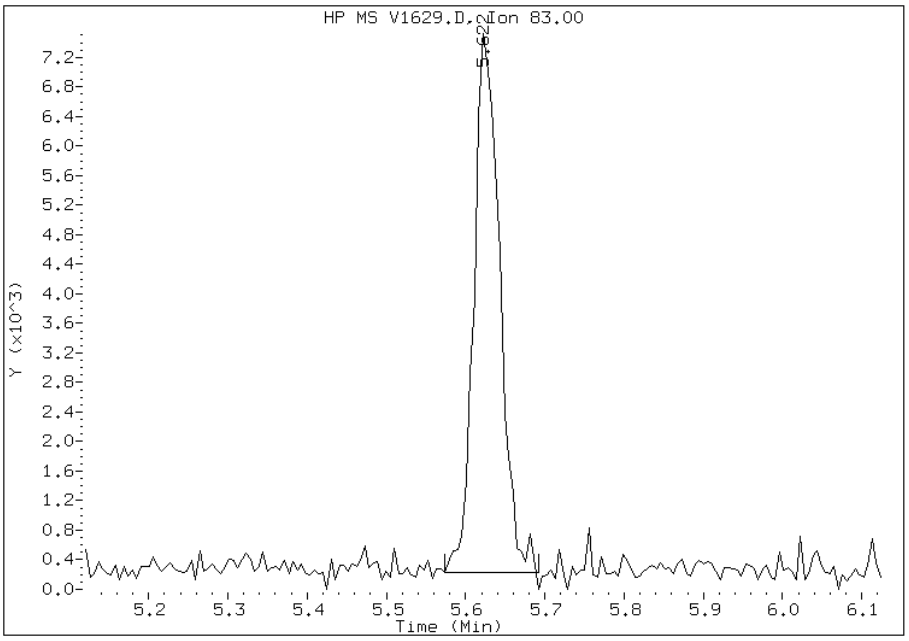
Manual Integration Results

RT: 5.62

Response: 16331

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 22 trans-1,2-Dichloroethene
CAS #: 156-60-5
Report Date: 05/03/2010

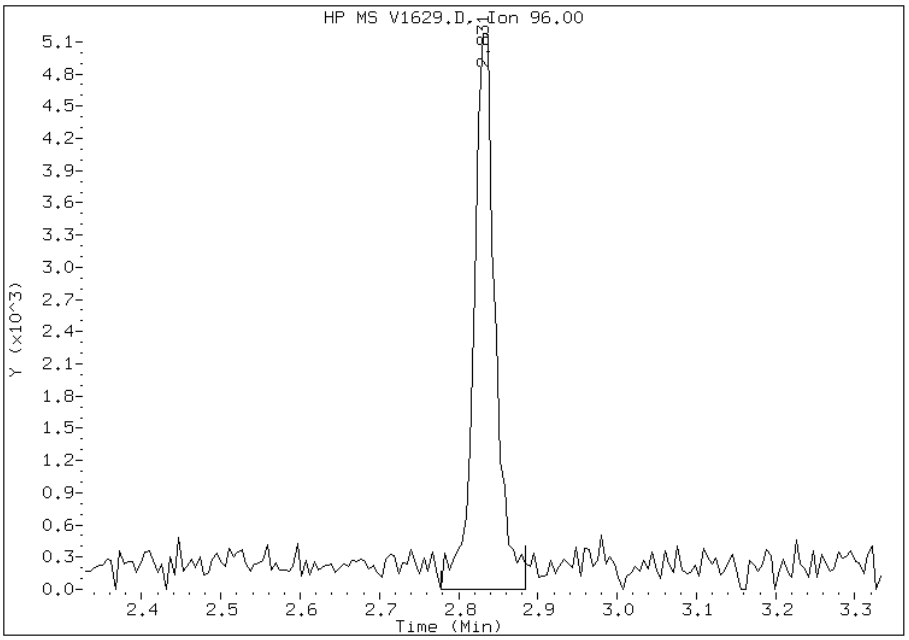
Processing Integration Results

RT: 2.83

Response: 9722

Amount: 1

Conc: 1



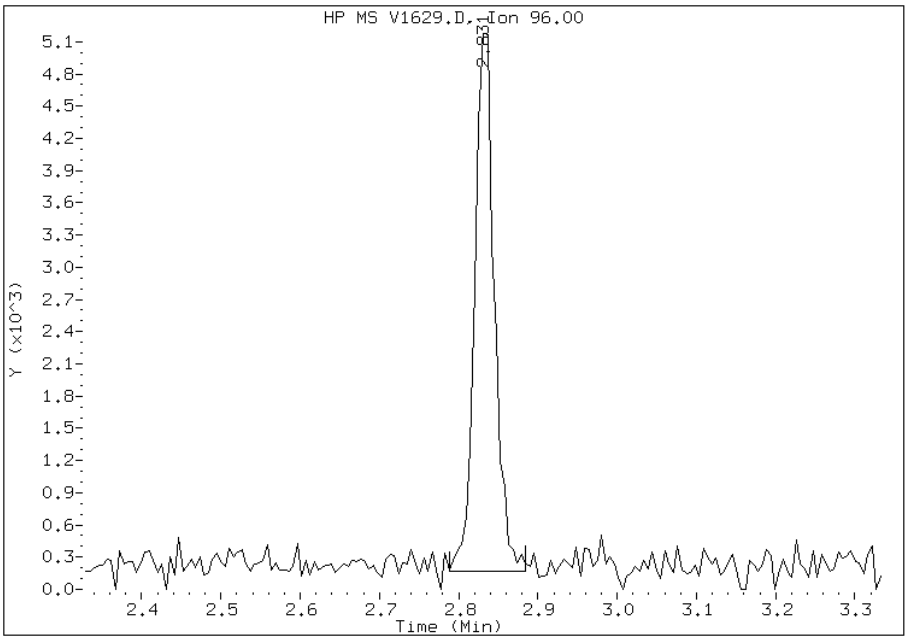
Manual Integration Results

RT: 2.83

Response: 8590

Amount: 1

Conc: 1



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 71 Chloroacetonitrile
CAS #: 107-14-2
Report Date: 05/03/2010

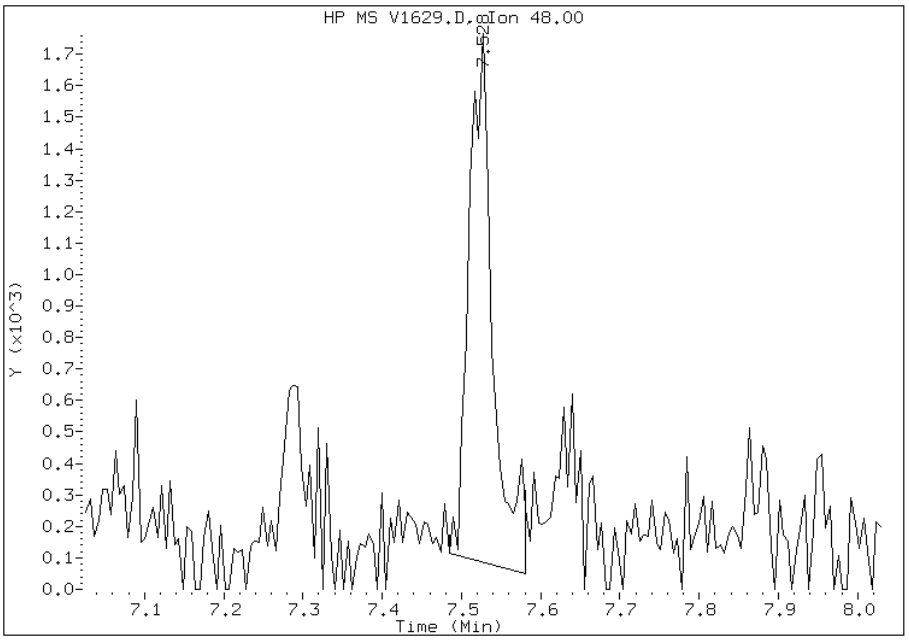
Processing Integration Results

RT: 7.53

Response: 3518

Amount: 5

Conc: 5



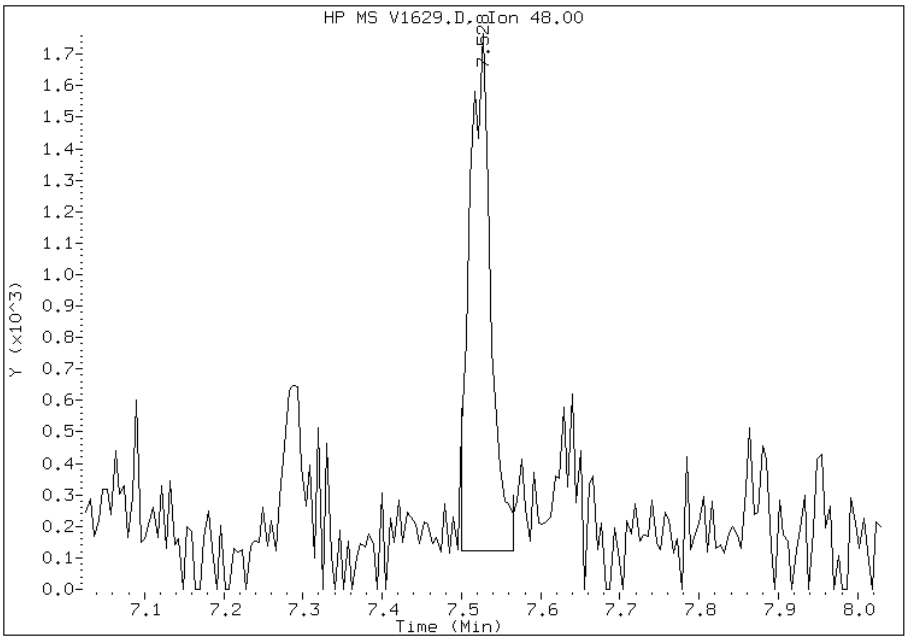
Manual Integration Results

RT: 7.53

Response: 3051

Amount: 5

Conc: 5



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1629.D
Inj. Date and Time: 23-APR-2010 17:19
Instrument ID: msv.i
Client ID: IC;0.5
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 05/03/2010

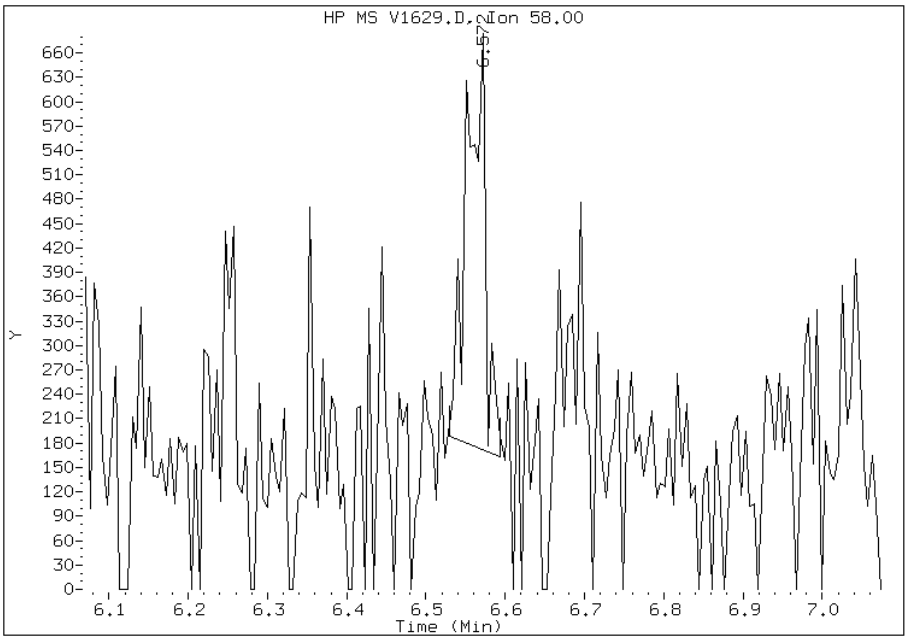
Processing Integration Results

RT: 6.57

Response: 847

Amount: 5

Conc: 5



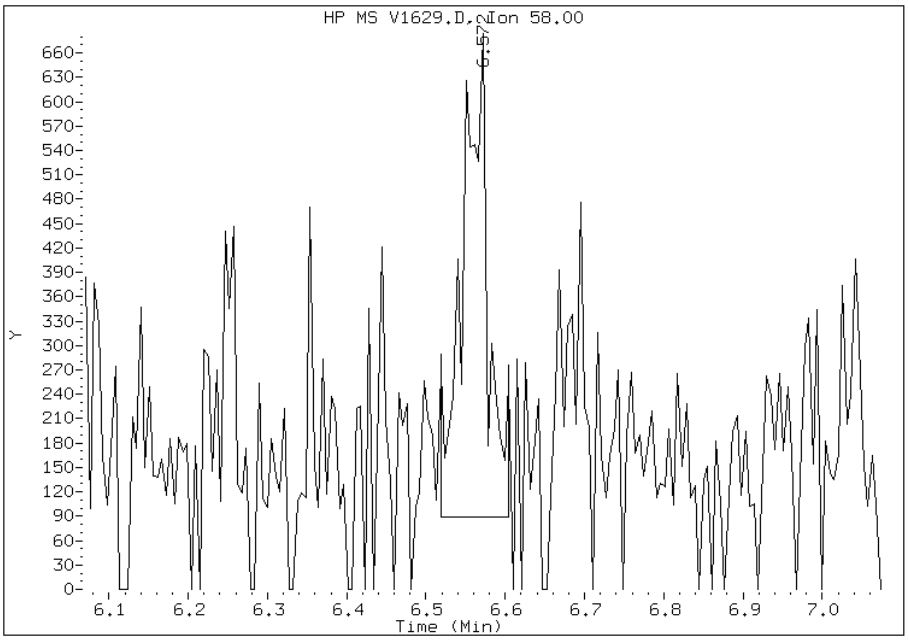
Manual Integration Results

RT: 6.57

Response: 1362

Amount: 7

Conc: 7



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38243/1 Calibration Date: 05/06/2010 10:04

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1868.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2006	0.2126		21.2	20.0	6.0	30.0
Chloromethane	Ave	0.2381	0.2576	0.1000	21.6	20.0	8.2	30.0
Vinyl chloride	Ave	0.2564	0.2729		21.3	20.0	6.5	20.0
Bromomethane	Ave	0.1549	0.1724		22.3	20.0	11.3	30.0
Chloroethane	Ave	0.1161	0.1645		28.3	20.0	41.6*	30.0
Trichlorofluoromethane	Ave	0.3158	0.3485		22.1	20.0	10.3	30.0
Dichlorofluoromethane	Ave	0.3695	0.4718		25.5	20.0	27.7	30.0
Ethyl ether	Ave	0.1497	0.1683		22.5	20.0	12.4	30.0
Ethanol	Ave	0.0093	0.0090		193	200	-3.4	30.0
1,1-Dichloroethene	Ave	0.1778	0.1514		17.0	20.0	-14.8	20.0
Carbon disulfide	Ave	0.5924	0.5216		17.6	20.0	-11.9	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1983	0.1711		17.3	20.0	-13.7	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0487	0.0434		17.8	20.0	-11.0	30.0
Iodomethane	Lin	0.2913	0.2357		17.5	20.0	-12.5	30.0
Acrolein	Ave	0.0526	0.0436		83.0	100	-17.1	30.0
3-Chloro-1-propene	Ave	0.3469	0.3552		20.5	20.0	2.4	30.0
Isopropyl alcohol	Ave	0.0361	0.0411		22.7	20.0	13.6	30.0
Methylene Chloride	Lin	0.2799	0.2392		19.6	20.0	-1.8	30.0
Acetone	Lin	0.1183	0.1462		27.6	20.0	38.1*	30.0
trans-1,2-Dichloroethene	Ave	0.2178	0.2045		18.8	20.0	-6.1	30.0
Methyl acetate	Ave	1.123	1.316		23.5	20.0	17.3	30.0
Methyl tert-butyl ether	Ave	0.7252	0.7152		19.7	20.0	-1.4	30.0
tert-Butyl alcohol	Ave	0.0298	0.0342		114	100	14.5	30.0
Acetonitrile	Ave	0.0309	0.0347		224	200	12.3	30.0
Isopropyl ether	Ave	0.7786	0.8233		21.1	20.0	5.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2080	0.1720		16.5	20.0	-17.3	30.0
1,1-Dichloroethane	Ave	0.4145	0.4322	0.1000	20.9	20.0	4.3	30.0
Acrylonitrile	Ave	0.0991	0.1146		46.3	40.0	15.7	30.0
Vinyl acetate	Ave	0.6314	0.5629		17.8	20.0	-10.9	30.0
Tert-butyl ethyl ether	Ave	0.7401	0.7821		21.1	20.0	5.7	30.0
cis-1,2-Dichloroethene	Ave	0.2418	0.2332		19.3	20.0	-3.6	30.0
2,2-Dichloropropane	Ave	0.2918	0.2993		20.5	20.0	2.6	30.0
Bromochloromethane	Ave	0.1210	0.1179		19.5	20.0	-2.5	30.0
Cyclohexane	Ave	0.3182	0.2639		16.6	20.0	-17.1	30.0
Chloroform	Ave	0.3990	0.4009		20.1	20.0	0.5	20.0
Carbon tetrachloride	Ave	0.2879	0.2616		18.2	20.0	-9.1	30.0
Ethyl acetate	Lin	0.0574	0.0368		32.8	40.0	-18.1	30.0
Methyl acrylate	Ave	0.2491	0.2607		20.9	20.0	4.7	30.0
Tetrahydrofuran	Ave	0.1014	0.1073		42.3	40.0	5.9	30.0
1,1,1-Trichloroethane	Ave	0.3437	0.3206		18.7	20.0	-6.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38243/1 Calibration Date: 05/06/2010 10:04

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1868.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.1459	0.1799		24.7	20.0	23.3	30.0
1,1-Dichloropropene	Ave	0.3191	0.2823		17.7	20.0	-11.5	30.0
1-Chlorobutane	Ave	0.4500	0.4446		19.8	20.0	-1.2	30.0
Benzene	Ave	0.9375	0.9548		20.4	20.0	1.8	30.0
Propionitrile	Ave	0.0406	0.0468		230	200	15.2	30.0
Heptane	Ave	0.2925	0.2636		18.0	20.0	-9.9	30.0
Methacrylonitrile	Ave	0.3653	0.3577		19.6	20.0	-2.1	30.0
Tert-amyl methyl ether	Ave	0.6453	0.6723		20.8	20.0	4.2	30.0
1,2-Dichloroethane	Ave	0.3538	0.3617		20.4	20.0	2.2	30.0
Isobutyl alcohol	Ave	0.0076	0.0071		187	200	-6.6	30.0
Methylcyclohexane	Ave	0.3995	0.3313		16.6	20.0	-17.1	30.0
Trichloroethene	Ave	0.2463	0.2273		18.5	20.0	-7.7	30.0
Dibromomethane	Ave	0.1574	0.1541		19.6	20.0	-2.1	30.0
1,2-Dichloropropane	Ave	0.2588	0.2746		21.2	20.0	6.1	20.0
Bromodichloromethane	Ave	0.3059	0.3018		19.7	20.0	-1.3	30.0
Methyl methacrylate	Ave	0.2132	0.1987		18.6	20.0	-6.8	30.0
1,4-Dioxane	Lin	0.0026	0.0021		189	200	-5.5	30.0
2-Chloroethyl vinyl ether	Ave	0.1751	0.1455		16.6	20.0	-16.9	30.0
cis-1,3-Dichloropropene	Ave	0.3701	0.3782		20.4	20.0	2.2	30.0
Toluene	Ave	1.466	1.370		18.7	20.0	-6.6	20.0
Chloroacetonitrile	Ave	0.0082	0.0112		272	200	36.0*	30.0
2-Nitropropane	Ave	0.0792	0.0824		41.6	40.0	4.1	30.0
1,1-Dichloro-2-propanone	Ave	0.1530	0.2002		131	100	30.8*	30.0
Tetrachloroethene	Ave	0.2752	0.2415		17.6	20.0	-12.2	30.0
methyl isobutyl ketone	Ave	0.3915	0.4002		20.4	20.0	2.2	30.0
trans-1,3-Dichloropropene	Ave	0.3601	0.3725		20.7	20.0	3.4	30.0
1,1,2-Trichloroethane	Ave	0.2199	0.2210		20.1	20.0	0.5	30.0
Ethyl methacrylate	Ave	0.3944	0.3526		17.9	20.0	-10.6	30.0
Dibromochloromethane	Ave	0.3323	0.3116		18.8	20.0	-6.2	30.0
1,3-Dichloropropane	Ave	0.5232	0.5121		19.6	20.0	-2.1	30.0
1,2-Dibromoethane	Ave	0.3221	0.2989		18.6	20.0	-7.2	30.0
2-Hexanone	Ave	0.3023	0.3214		21.3	20.0	6.3	30.0
Chlorobenzene	Ave	0.9211	0.8578	0.3000	18.6	20.0	-6.9	30.0
1-Chlorohexane	Ave	0.3911	0.3514		18.0	20.0	-10.2	30.0
Ethylbenzene	Ave	0.5144	0.4778		18.6	20.0	-7.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3003	0.2902		19.3	20.0	-3.4	30.0
m&p-Xylene	Ave	0.6091	0.5655		37.1	40.0	-7.2	30.0
o-Xylene	Ave	0.5888	0.5243		17.8	20.0	-11.0	30.0
Bromoform	Ave	0.2097	0.2139	0.1000	20.4	20.0	2.0	30.0
Styrene	Ave	0.9480	0.8423		17.8	20.0	-11.2	30.0
Isopropylbenzene	Ave	2.490	2.146		17.2	20.0	-13.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38243/1 Calibration Date: 05/06/2010 10:04

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1868.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.7034	0.6403		18.2	20.0	-9.0	30.0
N-Propylbenzene	Ave	3.045	2.736		18.0	20.0	-10.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7041	0.7037	0.3000	20.0	20.0	0.1	30.0
4-Ethyltoluene	Ave	2.588	2.313		17.9	20.0	-10.6	30.0
2-Chlorotoluene	Ave	2.188	1.999		18.3	20.0	-8.6	30.0
1,2,3-Trichloropropane	Ave	0.2141	0.1999		18.7	20.0	-6.6	30.0
1,3,5-Trimethylbenzene	Ave	2.249	1.995		17.7	20.0	-11.3	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2214	0.2413		43.6	40.0	9.0	30.0
4-Chlorotoluene	Ave	1.979	1.838		18.6	20.0	-7.1	30.0
tert-Butylbenzene	Ave	1.873	1.589		17.0	20.0	-15.2	30.0
1,2,4-Trimethylbenzene	Ave	2.308	2.072		18.0	20.0	-10.2	30.0
sec-Butylbenzene	Ave	2.678	2.356		17.6	20.0	-12.0	30.0
4-Isopropyltoluene	Ave	2.276	1.929		17.0	20.0	-15.2	30.0
1,3-Dichlorobenzene	Ave	1.323	1.238		18.7	20.0	-6.4	30.0
1,4-Dichlorobenzene	Ave	1.366	1.263		18.5	20.0	-7.6	30.0
p-Diethylbenzene	Ave	1.237	1.025		16.6	20.0	-17.2	30.0
Benzyl chloride	Lin	0.2187	0.2371		18.7	20.0	-6.4	30.0
n-Butylbenzene	Ave	2.233	1.921		17.2	20.0	-14.0	30.0
1,2-Dichlorobenzene	Ave	1.306	1.227		18.8	20.0	-6.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.338	1.951		16.7	20.0	-16.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1560	0.1435		18.4	20.0	-8.0	30.0
Nitrobenzene	Ave	0.0391	0.0423		217	200	8.3	30.0
Hexachlorobutadiene	Ave	0.4261	0.3272		15.4	20.0	-23.2	30.0
1,2,4-Trichlorobenzene	Ave	1.076	0.9128		17.0	20.0	-15.2	30.0
Naphthalene	Ave	3.152	2.526		16.0	20.0	-19.9	30.0
1,2,3-Trichlorobenzene	Ave	1.080	0.9171		17.0	20.0	-15.1	30.0
Dibromofluoromethane	Ave	0.2304	0.2104		22.8	25.0	-8.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3028	0.2787		23.0	25.0	-8.0	30.0
Toluene-d8 (Surr)	Ave	1.250	1.160		23.2	25.0	-7.2	30.0
4-Bromofluorobenzene	Ave	0.8721	0.6873		19.7	25.0	-21.2	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1868.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 06-MAY-2010 10:04 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 43 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	1293456	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	220037	20.0000	21
3	Chloromethane	50	1.326	1.326	(0.244)	266526	20.0000	22
4	Vinyl Chloride	62	1.374	1.374	(0.253)	282406	20.0000	21
5	Bromomethane	94	1.598	1.598	(0.294)	178405	20.0000	22
6	Chloroethane	64	1.689	1.689	(0.310)	170163	20.0000	28
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	360577	20.0000	22
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	488187	20.0000	26
9	Ethyl Ether	45	2.025	2.025	(0.372)	174121	20.0000	22
10	Ethanol	45	2.089	2.089	(0.384)	93255	200.000	190
12	Freon 123	67	2.222	2.222	(0.409)	44897	20.0000	18
13	Trichlorotrifluoroethane	101	2.217	2.217	(0.408)	177027	20.0000	17
14	1,1-Dichloroethene	96	2.179	2.179	(0.401)	156685	20.0000	17
15	Carbon Disulfide	76	2.201	2.201	(0.405)	539731	20.0000	18
16	Iodomethane	142	2.292	2.292	(0.421)	243912	20.0000	18
17	Acrolein	56	2.446	2.446	(0.450)	225990	100.000	83
18	2-Propanol	45	2.606	2.606	(0.479)	42493	20.0000	23
19	3-Chloro-1-Propene	41	2.580	2.580	(0.474)	367574	20.0000	20
20	Methylene Chloride	84	2.670	2.670	(0.491)	247484	20.0000	20
21	Acetone	43	2.713	2.713	(0.499)	151278	20.0000	28
22	trans-1,2-Dichloroethene	96	2.836	2.836	(0.521)	211646	20.0000	19
23	Methyl Acetate	43	2.841	2.841	(0.522)	1362089	20.0000	23

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.948	2.948	(0.542)	740049	20.0000	20
	25 tert-Butyl alcohol	59	3.049	3.049	(0.561)	176662	100.000	110
	26 Acetonitrile	41	3.156	3.156	(0.580)	358512	200.000	220
	27 Isopropyl ether	45	3.364	3.364	(0.618)	851874	20.0000	21
	28 tert-Butyl ethyl ether	59	3.754	3.754	(0.690)	809335	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	177957	20.0000	16
	30 Acrylonitrile	53	3.492	3.492	(0.642)	237247	40.0000	46
	31 1,1-Dichloroethane	63	3.460	3.460	(0.636)	447170	20.0000	21
	32 Vinyl Acetate	43	3.749	3.749	(0.689)	582009	20.0000	18
	33 cis-1,2-Dichloroethene	96	4.037	4.037	(0.742)	241290	20.0000	19
	34 2,2-Dichloropropane	77	4.154	4.154	(0.764)	309693	20.0000	20
	35 Bromochloromethane	128	4.240	4.240	(0.779)	122042	20.0000	19
	37 Cyclohexane	84	4.261	4.261	(0.783)	273074	20.0000	16
	38 Chloroform	83	4.346	4.346	(0.799)	414818	20.0000	20
	39 Ethyl Acetate	43	4.501	4.501	(0.827)	76170	40.0000	33
	40 Methyl Acrylate	55	4.501	4.501	(0.827)	269737	20.0000	21
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	272138	20.0000	23
	42 Tetrahydrofuran	42	4.501	4.501	(0.827)	222144	40.0000	42
	43 Carbon Tetrachloride	117	4.490	4.490	(0.825)	270731	20.0000	18
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	331742	20.0000	19
	45 2-Butanone	43	4.672	4.672	(0.859)	186114	20.0000	25
	46 1,1-Dichloropropene	75	4.699	4.699	(0.864)	292103	20.0000	18
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	695698	20.0000	21
	49 1-Chlorobutane	56	4.763	4.763	(0.875)	460040	20.0000	20
	50 Heptane	43	4.987	4.987	(0.917)	272780	20.0000	18
	51 Propionitrile	54	4.971	4.971	(0.914)	484201	200.000	230
	52 Benzene	78	4.965	4.965	(0.913)	987944	20.0000	20
	53 2-Methyl-2-Propenenitrile	41	4.997	4.997	(0.919)	370155	20.0000	20
	54 Isobutyl alcohol	42	5.286	5.286	(0.972)	73208	200.000	190
$	55 1,2-Dichloroethane-d4	65	5.109	5.109	(0.939)	360496	20.0000	23
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	374272	20.0000	20
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	342847	20.0000	16
	60 Trichloroethene	130	5.638	5.638	(1.036)	235156	20.0000	18
	63 Dibromomethane	93	6.097	6.097	(1.121)	159408	20.0000	20
	64 1,2-Dichloropropane	63	6.220	6.220	(1.143)	284093	20.0000	21
	65 Bromodichloromethane	83	6.316	6.316	(1.161)	312321	20.0000	20
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	205578	20.0000	19
	67 1,4-Dioxane	58	6.550	6.550	(1.204)	21953	200.000	190
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	150261	20.0000	16
	70 cis-1,3-Dichloropropene	75	7.068	7.068	(1.299)	391369	20.0000	20
	71 Chloroacetonitrile	48	7.522	7.522	(1.383)	115522	200.000	270
	72 2-Nitropropane	41	7.607	7.607	(1.398)	170566	40.0000	42
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.446)	385427	20.0000	21
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	228697	20.0000	20
*	75 Chlorobenzene-d5	117	9.198	9.198	(1.000)	957938	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	1049631	20.0000	19
$	77 Toluene-d8	98	7.292	7.292	(0.793)	1111440	20.0000	23
	78 1,1-Dichloro-2-propanone	43	7.634	7.634	(0.830)	766928	100.000	130
	79 4-Methyl-2-Pentanone	43	7.837	7.837	(0.852)	306714	20.0000	20
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	185061	20.0000	18
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	270188	20.0000	18
	82 Dibromochloromethane	129	8.264	8.264	(0.898)	238761	20.0000	19
	83 1,3-Dichloropropane	76	8.381	8.381	(0.911)	392415	20.0000	20
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	229092	20.0000	18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	246264	20.0000	21
87	1-Chlorohexane	91	9.251	9.251	(1.006)	269279	20.0000	18(H)
88	Chlorobenzene	112	9.214	9.214	(1.002)	657382	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	222382	20.0000	19
90	Ethylbenzene	106	9.288	9.288	(1.010)	366133	20.0000	18
91	Xylene (total)mp	106	9.464	9.464	(1.029)	866768	40.0000	37
92	Xylene (total)o	106	9.918	9.918	(1.078)	401796	20.0000	18
93	Styrene	104	9.971	9.971	(1.084)	645482	20.0000	18
94	Bromoform	173	9.966	9.966	(1.084)	163956	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	571329	25.0000	
96	Isopropylbenzene	105	10.244	10.244	(0.895)	980870	20.0000	17
97	Bromobenzene	156	10.569	10.569	(0.923)	292636	20.0000	18
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	321634	20.0000	20
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	1057394	20.0000	18
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	91374	20.0000	19
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	220617	40.0000	44(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	1250724	20.0000	18
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	913662	20.0000	18
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	840125	20.0000	18
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	911990	20.0000	18
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	726408	20.0000	17
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	947146	20.0000	18
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	1076714	20.0000	18
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	881524	20.0000	17
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	566024	20.0000	19
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	577118	20.0000	18
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	560756	20.0000	19
113	Benzyl Chloride	126	11.663	11.663	(1.019)	108380	20.0000	19
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	468528	20.0000	16
115	n-Butylbenzene	91	11.690	11.690	(1.021)	878148	20.0000	17
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	891903	20.0000	17
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	65567	20.0000	18
120	Nitrobenzene	77	12.789	12.789	(1.117)	193279	200.000	220
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	417218	20.0000	17
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	149553	20.0000	15
123	Naphthalene	128	13.109	13.109	(1.145)	1154588	20.0000	16
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	419188	20.0000	17
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	392695	20.0000	20
M 126	1,2-Dichloroethene (total)	100				452936	40.0000	38
M 127	Xylene (total)	100				1268564	60.0000	55

QC Flag Legend

M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1868.D

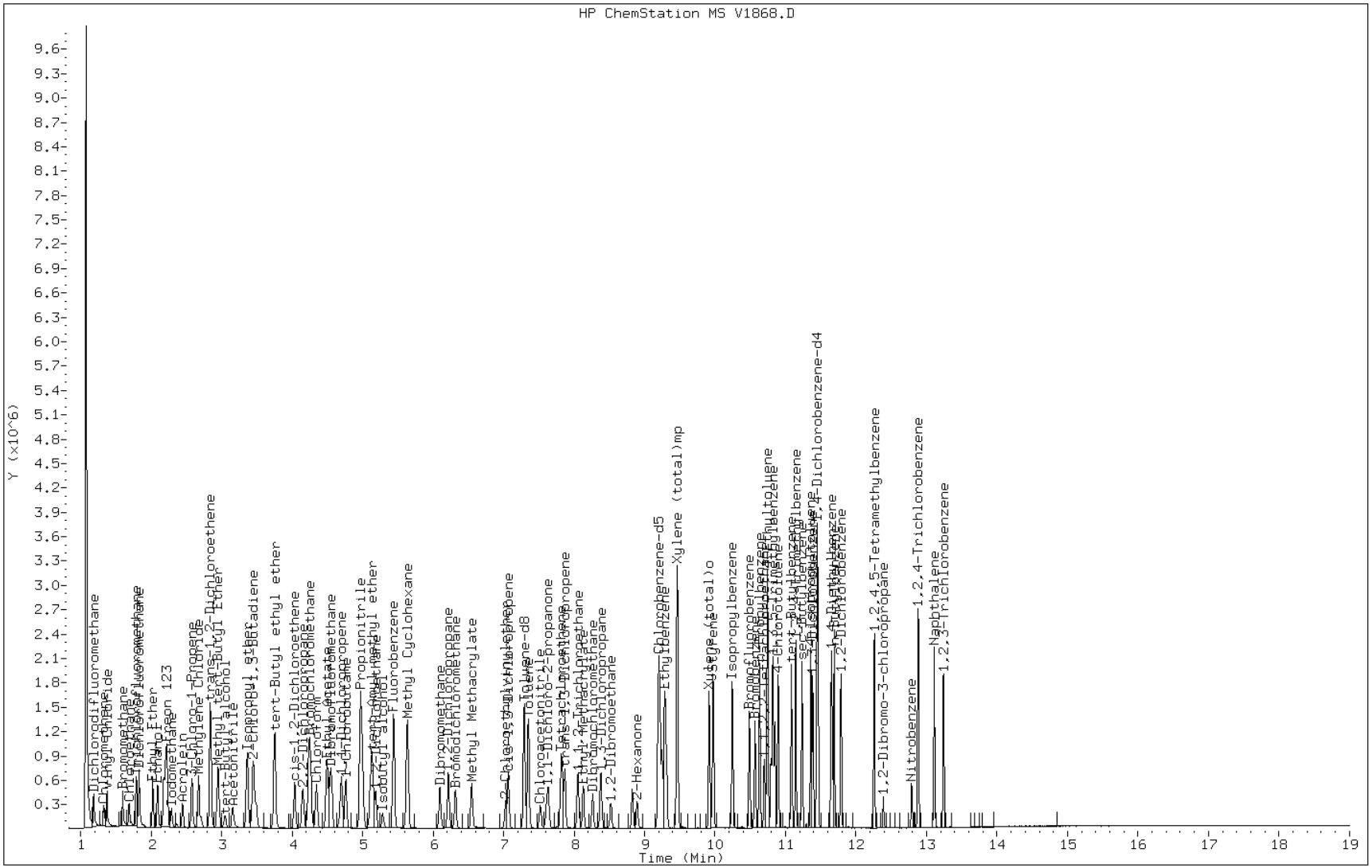
Date: 06-MAY-2010 10:04

Client ID: CCVIS

Instrument: msv.i

Sample Info: CCVIS

Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1868.D
Inj. Date and Time: 06-MAY-2010 10:04
Instrument ID: msv.i
Client ID: CCVIS
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 05/07/2010

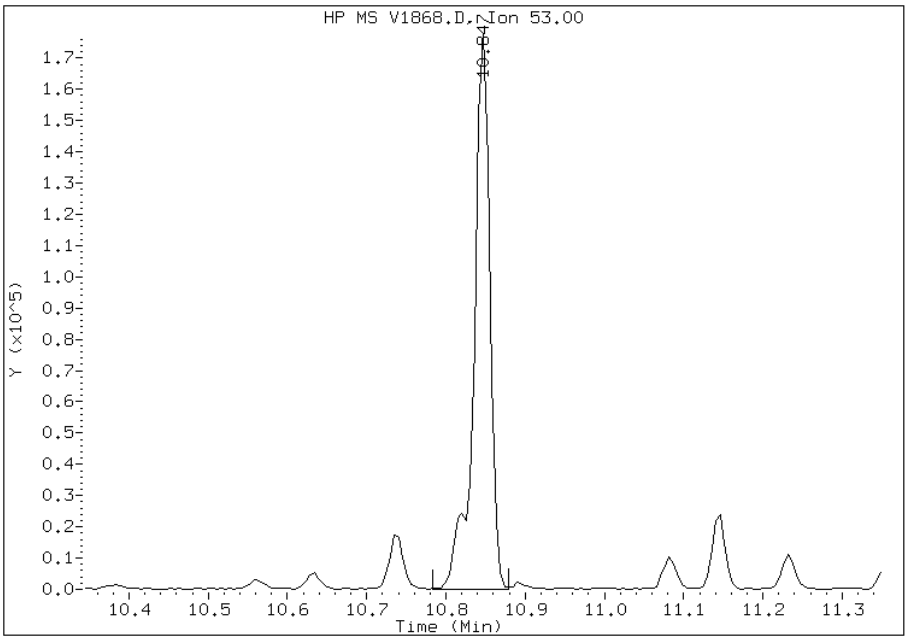
Processing Integration Results

RT: 10.85

Response: 244126

Amount: 48

Conc: 48



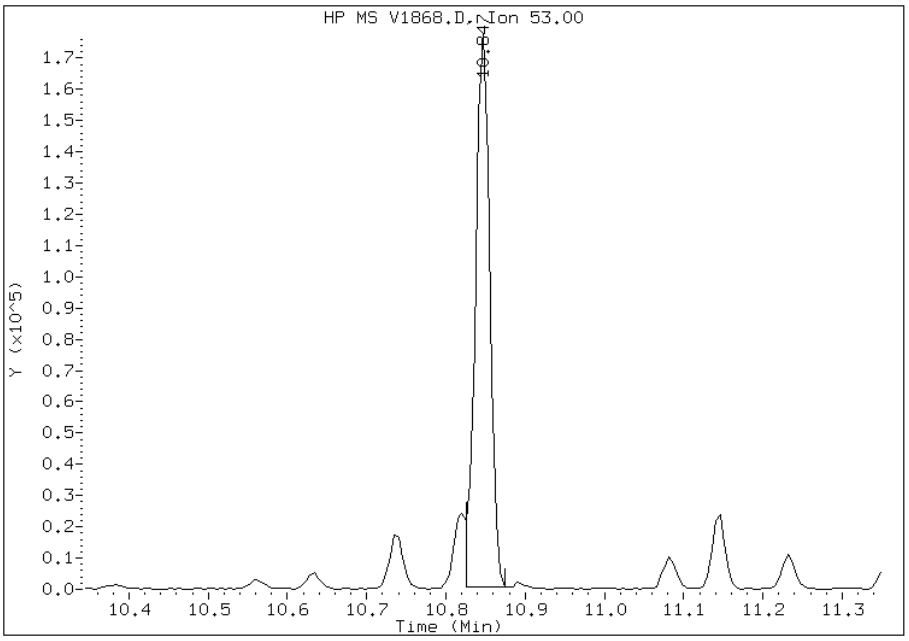
Manual Integration Results

RT: 10.85

Response: 220617

Amount: 44

Conc: 44



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38258/1 Calibration Date: 05/07/2010 09:41

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1909.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2006	0.2403		24.0	20.0	19.8	30.0
Chloromethane	Ave	0.2381	0.2629	0.1000	22.1	20.0	10.4	30.0
Vinyl chloride	Ave	0.2564	0.2924		22.8	20.0	14.1	20.0
Bromomethane	Ave	0.1549	0.1642		21.2	20.0	6.0	30.0
Chloroethane	Ave	0.1161	0.1660		28.6	20.0	43.0*	30.0
Trichlorofluoromethane	Ave	0.3158	0.3844		24.3	20.0	21.7	30.0
Dichlorofluoromethane	Ave	0.3695	0.5165		28.0	20.0	39.8*	30.0
Ethyl ether	Ave	0.1497	0.1786		23.9	20.0	19.3	30.0
Ethanol	Ave	0.0093	0.0110		237	200	18.4	30.0
1,1-Dichloroethene	Ave	0.1778	0.1896		21.3	20.0	6.7	20.0
Carbon disulfide	Ave	0.5924	0.6492		21.9	20.0	9.6	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1983	0.2238		22.6	20.0	12.9	30.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.0487	0.0576		23.6	20.0	18.2	30.0
Iodomethane	Lin	0.2913	0.2254		16.7	20.0	-16.5	30.0
Acrolein	Ave	0.0526	0.0399		75.9	100	-24.2	30.0
3-Chloro-1-propene	Ave	0.3469	0.3942		22.7	20.0	13.6	30.0
Isopropyl alcohol	Ave	0.0361	0.0451		25.0	20.0	24.8	30.0
Methylene Chloride	Lin	0.2799	0.2443		20.1	20.0	0.5	30.0
Acetone	Lin	0.1183	0.1586		30.1	20.0	50.3*	30.0
trans-1,2-Dichloroethene	Ave	0.2178	0.2265		20.8	20.0	4.0	30.0
Methyl acetate	Ave	1.123	1.412		25.1	20.0	25.7	30.0
Methyl tert-butyl ether	Ave	0.7252	0.7188		19.8	20.0	-0.9	30.0
tert-Butyl alcohol	Ave	0.0298	0.0341		114	100	14.3	30.0
Acetonitrile	Ave	0.0309	0.0336		217	200	8.6	30.0
Isopropyl ether	Ave	0.7786	0.8269		21.2	20.0	6.2	30.0
2-Chloro-1,3-butadiene	Ave	0.2080	0.1968		18.9	20.0	-5.4	30.0
1,1-Dichloroethane	Ave	0.4145	0.4557	0.1000	22.0	20.0	9.9	30.0
Acrylonitrile	Ave	0.0991	0.1187		47.9	40.0	19.9	30.0
Tert-butyl ethyl ether	Ave	0.7401	0.7791		21.1	20.0	5.3	30.0
Vinyl acetate	Ave	0.6314	0.5048		16.0	20.0	-20.0	30.0
cis-1,2-Dichloroethene	Ave	0.2418	0.2426		20.1	20.0	0.4	30.0
2,2-Dichloropropane	Ave	0.2918	0.3376		23.1	20.0	15.7	30.0
Bromochloromethane	Ave	0.1210	0.1173		19.4	20.0	-3.0	30.0
Cyclohexane	Ave	0.3182	0.3345		21.0	20.0	5.1	30.0
Chloroform	Ave	0.3990	0.4123		20.7	20.0	3.3	20.0
Carbon tetrachloride	Ave	0.2879	0.3064		21.3	20.0	6.4	30.0
Ethyl acetate	Lin	0.0574	0.0393		35.1	40.0	-12.3	30.0
Methyl acrylate	Ave	0.2491	0.2621		21.0	20.0	5.2	30.0
Tetrahydrofuran	Ave	0.1014	0.1093		43.1	40.0	7.8	30.0
1,1,1-Trichloroethane	Ave	0.3437	0.3671		21.4	20.0	6.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38258/1 Calibration Date: 05/07/2010 09:41

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1909.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.1459	0.2078		28.5	20.0	42.4*	30.0
1,1-Dichloropropene	Ave	0.3191	0.3298		20.7	20.0	3.4	30.0
1-Chlorobutane	Ave	0.4500	0.5097		22.7	20.0	13.3	30.0
Benzene	Ave	0.9375	1.014		21.6	20.0	8.2	30.0
Propionitrile	Ave	0.0406	0.0483		238	200	19.0	30.0
Heptane	Ave	0.2925	0.3424		23.4	20.0	17.1	30.0
Methacrylonitrile	Ave	0.3653	0.4140		22.7	20.0	13.3	30.0
Tert-amyl methyl ether	Ave	0.6453	0.6673		20.7	20.0	3.4	30.0
1,2-Dichloroethane	Ave	0.3538	0.3664		20.7	20.0	3.6	30.0
Isobutyl alcohol	Ave	0.0076	0.0068		178	200	-10.9	30.0
Methylcyclohexane	Ave	0.3995	0.4126		20.7	20.0	3.3	30.0
Trichloroethene	Ave	0.2463	0.2459		20.0	20.0	-0.2	30.0
Dibromomethane	Ave	0.1574	0.1549		19.7	20.0	-1.6	30.0
1,2-Dichloropropane	Ave	0.2588	0.2757		21.3	20.0	6.5	20.0
Bromodichloromethane	Ave	0.3059	0.3016		19.7	20.0	-1.4	30.0
1,4-Dioxane	Lin	0.0026	0.0020		180	200	-9.7	30.0
Methyl methacrylate	Ave	0.2132	0.1943		18.2	20.0	-8.8	30.0
2-Chloroethyl vinyl ether	Ave	0.1751	0.1301		14.8	20.0	-25.7	30.0
cis-1,3-Dichloropropene	Ave	0.3701	0.3769		20.4	20.0	1.8	30.0
Toluene	Ave	1.466	1.460		19.9	20.0	-0.4	20.0
Chloroacetonitrile	Ave	0.0082	0.0117		285	200	42.4*	30.0
2-Nitropropane	Ave	0.0792	0.0865		43.7	40.0	9.2	30.0
1,1-Dichloro-2-propanone	Ave	0.1530	0.2089		137	100	36.5*	30.0
Tetrachloroethene	Ave	0.2752	0.2775		20.2	20.0	0.9	30.0
methyl isobutyl ketone	Ave	0.3915	0.4120		21.0	20.0	5.2	30.0
trans-1,3-Dichloropropene	Ave	0.3601	0.3723		20.7	20.0	3.4	30.0
1,1,2-Trichloroethane	Ave	0.2199	0.2222		20.2	20.0	1.1	30.0
Ethyl methacrylate	Ave	0.3944	0.3483		17.7	20.0	-11.7	30.0
Dibromochloromethane	Ave	0.3323	0.3135		18.9	20.0	-5.7	30.0
1,3-Dichloropropane	Ave	0.5232	0.5136		19.6	20.0	-1.8	30.0
1,2-Dibromoethane	Ave	0.3221	0.3052		19.0	20.0	-5.2	30.0
2-Hexanone	Ave	0.3023	0.3270		21.6	20.0	8.1	30.0
Chlorobenzene	Ave	0.9211	0.8831	0.3000	19.2	20.0	-4.1	30.0
1-Chlorohexane	Ave	0.3911	0.3578		18.3	20.0	-8.5	30.0
Ethylbenzene	Ave	0.5144	0.5083		19.8	20.0	-1.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3003	0.2921		19.5	20.0	-2.7	30.0
m&p-Xylene	Ave	0.6091	0.5969		39.2	40.0	-2.0	30.0
o-Xylene	Ave	0.5888	0.5414		18.4	20.0	-8.1	30.0
Bromoform	Ave	0.2097	0.2103	0.1000	20.1	20.0	0.3	30.0
Styrene	Ave	0.9480	0.8636		18.2	20.0	-8.9	30.0
Isopropylbenzene	Ave	2.490	2.253		18.1	20.0	-9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38258/1 Calibration Date: 05/07/2010 09:41

Instrument ID: MSV Calib Start Date: 04/23/2010 15:03

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/23/2010 17:19

Lab File ID: V1909.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.7034	0.6333		18.0	20.0	-10.0	30.0
N-Propylbenzene	Ave	3.045	2.915		19.1	20.0	-4.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7041	0.6935	0.3000	19.7	20.0	-1.5	30.0
4-Ethyltoluene	Ave	2.588	2.439		18.9	20.0	-5.7	30.0
2-Chlorotoluene	Ave	2.188	2.078		19.0	20.0	-5.0	30.0
1,2,3-Trichloropropane	Ave	0.2141	0.1954		18.3	20.0	-8.7	30.0
1,3,5-Trimethylbenzene	Ave	2.249	2.088		18.6	20.0	-7.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2214	0.2432		43.9	40.0	9.8	30.0
4-Chlorotoluene	Ave	1.979	1.841		18.6	20.0	-7.0	30.0
tert-Butylbenzene	Ave	1.873	1.669		17.8	20.0	-10.9	30.0
1,2,4-Trimethylbenzene	Ave	2.308	2.115		18.3	20.0	-8.4	30.0
sec-Butylbenzene	Ave	2.678	2.572		19.2	20.0	-4.0	30.0
4-Isopropyltoluene	Ave	2.276	2.053		18.0	20.0	-9.8	30.0
1,3-Dichlorobenzene	Ave	1.323	1.232		18.6	20.0	-6.9	30.0
1,4-Dichlorobenzene	Ave	1.366	1.267		18.6	20.0	-7.2	30.0
p-Diethylbenzene	Ave	1.237	1.062		17.2	20.0	-14.1	30.0
Benzyl chloride	Lin	0.2187	0.2371		18.7	20.0	-6.4	30.0
n-Butylbenzene	Ave	2.233	2.082		18.6	20.0	-6.8	30.0
1,2-Dichlorobenzene	Ave	1.306	1.183		18.1	20.0	-9.4	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.338	1.882		16.1	20.0	-19.5	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1560	0.1428		18.3	20.0	-8.5	30.0
Nitrobenzene	Ave	0.0391	0.0432		221	200	10.7	30.0
Hexachlorobutadiene	Ave	0.4261	0.3567		16.7	20.0	-16.3	30.0
1,2,4-Trichlorobenzene	Ave	1.076	0.8859		16.5	20.0	-17.7	30.0
Naphthalene	Ave	3.152	2.405		15.3	20.0	-23.7	30.0
1,2,3-Trichlorobenzene	Ave	1.080	0.8924		16.5	20.0	-17.4	30.0
Dibromofluoromethane	Ave	0.2304	0.2084		22.6	25.0	-9.6	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3028	0.2805		23.2	25.0	-7.4	30.0
Toluene-d8 (Surr)	Ave	1.250	1.166		23.3	25.0	-6.7	30.0
4-Bromofluorobenzene	Ave	0.8721	0.6795		19.5	25.0	-22.1	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V1909.D
Lab Smp Id: CCVIS Client Smp ID: CCVIS
Inj Date : 07-MAY-2010 09:41 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : CCVIS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V8260LOW.m
Meth Date : 07-May-2010 10:01 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 42 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	5.435	5.435	(1.000)	1219082	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	234387	20.0000	24
3	Chloromethane	50	1.331	1.331	(0.245)	256418	20.0000	22
4	Vinyl Chloride	62	1.374	1.374	(0.253)	285211	20.0000	23
5	Bromomethane	94	1.598	1.598	(0.294)	160152	20.0000	21
6	Chloroethane	64	1.688	1.688	(0.311)	161893	20.0000	28
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	374858	20.0000	24
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	503739	20.0000	28
9	Ethyl Ether	45	2.025	2.025	(0.373)	174192	20.0000	24
10	Ethanol	45	2.089	2.089	(0.384)	107700	200.000	240
12	Freon 123	67	2.222	2.222	(0.409)	56187	20.0000	24
13	Trichlorotrifluoroethane	101	2.211	2.211	(0.407)	218235	20.0000	22
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	184917	20.0000	21
15	Carbon Disulfide	76	2.195	2.195	(0.404)	633158	20.0000	22
16	Iodomethane	142	2.286	2.286	(0.421)	219789	20.0000	17
17	Acrolein	56	2.441	2.441	(0.449)	194733	100.000	76
18	2-Propanol	45	2.606	2.606	(0.480)	43987	20.0000	25
19	3-Chloro-1-Propene	41	2.574	2.574	(0.474)	384425	20.0000	23
20	Methylene Chloride	84	2.670	2.670	(0.491)	238254	20.0000	20
21	Acetone	43	2.708	2.708	(0.498)	154628	20.0000	30
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.521)	220932	20.0000	21
23	Methyl Acetate	43	2.841	2.841	(0.523)	1376701	20.0000	25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.943	(0.541)	701044	20.0000	20
	25 tert-Butyl alcohol	59	3.044	3.044	(0.560)	166226	100.000	110
	26 Acetonitrile	41	3.151	3.151	(0.580)	326533	200.000	220
	27 Isopropyl ether	45	3.359	3.359	(0.618)	806432	20.0000	21
	28 tert-Butyl ethyl ether	59	3.748	3.748	(0.690)	759811	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.633)	191880	20.0000	19
	30 Acrylonitrile	53	3.492	3.492	(0.643)	231576	40.0000	48
	31 1,1-Dichloroethane	63	3.455	3.455	(0.636)	444423	20.0000	22
	32 Vinyl Acetate	43	3.748	3.748	(0.690)	492006	20.0000	16
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.742)	236643	20.0000	20
	34 2,2-Dichloropropane	77	4.149	4.149	(0.763)	329239	20.0000	23
	35 Bromochloromethane	128	4.239	4.239	(0.780)	114439	20.0000	19
	37 Cyclohexane	84	4.261	4.261	(0.784)	326214	20.0000	21
	38 Chloroform	83	4.341	4.341	(0.799)	402073	20.0000	21
	39 Ethyl Acetate	43	4.496	4.496	(0.827)	76597	40.0000	35
	40 Methyl Acrylate	55	4.496	4.496	(0.827)	255642	20.0000	21
$	41 Dibromofluoromethane	111	4.538	4.538	(0.835)	254011	20.0000	23
	42 Tetrahydrofuran	42	4.496	4.496	(0.827)	213140	40.0000	43
	43 Carbon Tetrachloride	117	4.485	4.485	(0.825)	298837	20.0000	21
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.838)	357977	20.0000	21
	45 2-Butanone	43	4.666	4.666	(0.859)	202686	20.0000	28
	46 1,1-Dichloropropene	75	4.698	4.698	(0.865)	321616	20.0000	21
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.945)	650823	20.0000	21
	49 1-Chlorobutane	56	4.757	4.757	(0.875)	497119	20.0000	23
	50 Heptane	43	4.987	4.987	(0.918)	333950	20.0000	23
	51 Propionitrile	54	4.965	4.965	(0.914)	471386	200.000	240
	52 Benzene	78	4.965	4.965	(0.914)	988950	20.0000	22
	53 2-Methyl-2-Propenenitrile	41	4.992	4.992	(0.919)	403781	20.0000	23
	54 Isobutyl alcohol	42	5.280	5.280	(0.972)	65751	200.000	180
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	341903	20.0000	23
	56 1,2-Dichloroethane	62	5.184	5.184	(0.954)	357312	20.0000	21
	59 Methyl Cyclohexane	83	5.627	5.627	(1.035)	402356	20.0000	21
	60 Trichloroethene	130	5.638	5.638	(1.037)	239823	20.0000	20
	63 Dibromomethane	93	6.091	6.091	(1.121)	151051	20.0000	20
	64 1,2-Dichloropropane	63	6.214	6.214	(1.143)	268859	20.0000	21
	65 Bromodichloromethane	83	6.315	6.315	(1.162)	294120	20.0000	20
	66 Methyl Methacrylate	69	6.545	6.545	(1.204)	189509	20.0000	18
	67 1,4-Dioxane	58	6.545	6.545	(1.204)	19849	200.000	180
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.293)	126648	20.0000	15
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.299)	367608	20.0000	20
	71 Chloroacetonitrile	48	7.516	7.516	(1.383)	113895	200.000	280
	72 2-Nitropropane	41	7.602	7.602	(1.399)	168724	40.0000	44
	73 trans-1,3-Dichloropropene	75	7.869	7.869	(1.448)	363091	20.0000	21
	74 1,1,2-Trichloroethane	97	8.050	8.050	(1.481)	216742	20.0000	20
*	75 Chlorobenzene-d5	117	9.192	9.192	(1.000)	891750	25.0000	
	76 Toluene	91	7.351	7.351	(0.800)	1041507	20.0000	20
$	77 Toluene-d8	98	7.287	7.287	(0.793)	1039930	20.0000	23
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.830)	745285	100.000	140
	79 4-Methyl-2-Pentanone	43	7.831	7.831	(0.852)	293939	20.0000	21
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	197977	20.0000	20
	81 Ethyl Methacrylate	69	8.125	8.125	(0.884)	248468	20.0000	18
	82 Dibromochloromethane	129	8.258	8.258	(0.898)	223631	20.0000	19
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	366420	20.0000	20
	84 1,2-Dibromoethane	107	8.520	8.520	(0.927)	217713	20.0000	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	233259	20.0000	22
87	1-Chlorohexane	91	9.251	9.251	(1.006)	255285	20.0000	18(M)
88	Chlorobenzene	112	9.213	9.213	(1.002)	630006	20.0000	19
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.013)	208396	20.0000	19
90	Ethylbenzene	106	9.283	9.283	(1.010)	362622	20.0000	20
91	Xylene (total)mp	106	9.459	9.459	(1.029)	851661	40.0000	39
92	Xylene (total)o	106	9.918	9.918	(1.079)	386211	20.0000	18
93	Styrene	104	9.971	9.971	(1.085)	616092	20.0000	18
94	Bromoform	173	9.966	9.966	(1.084)	149997	20.0000	20
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	534617	25.0000	
96	Isopropylbenzene	105	10.243	10.243	(0.895)	963432	20.0000	18
97	Bromobenzene	156	10.564	10.564	(0.923)	270841	20.0000	18
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	296606	20.0000	20
99	4-Ethyltoluene	105	10.734	10.734	(0.938)	1043311	20.0000	19
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	83575	20.0000	18
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	208043	40.0000	44(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	1246597	20.0000	19
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	888935	20.0000	19
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	787181	20.0000	19
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	892960	20.0000	18
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	713974	20.0000	18
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	904759	20.0000	18
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	1099982	20.0000	19
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	877841	20.0000	18
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	526928	20.0000	19
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	542097	20.0000	18
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	505910	20.0000	18
113	Benzyl Chloride	126	11.663	11.663	(1.019)	101414	20.0000	19
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	454397	20.0000	17
115	n-Butylbenzene	91	11.690	11.690	(1.021)	890316	20.0000	19
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	805106	20.0000	16
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	61068	20.0000	18
120	Nitrobenzene	77	12.789	12.789	(1.117)	184880	200.000	220
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	378878	20.0000	16
122	Hexachlorobutadiene	225	12.875	12.875	(1.124)	152576	20.0000	17
123	Naphthalene	128	13.109	13.109	(1.145)	1028617	20.0000	15
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	381680	20.0000	16
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	363284	20.0000	19
M 126	1,2-Dichloroethene (total)	100				457575	40.0000	41
M 127	Xylene (total)	100				1237872	60.0000	58

QC Flag Legend

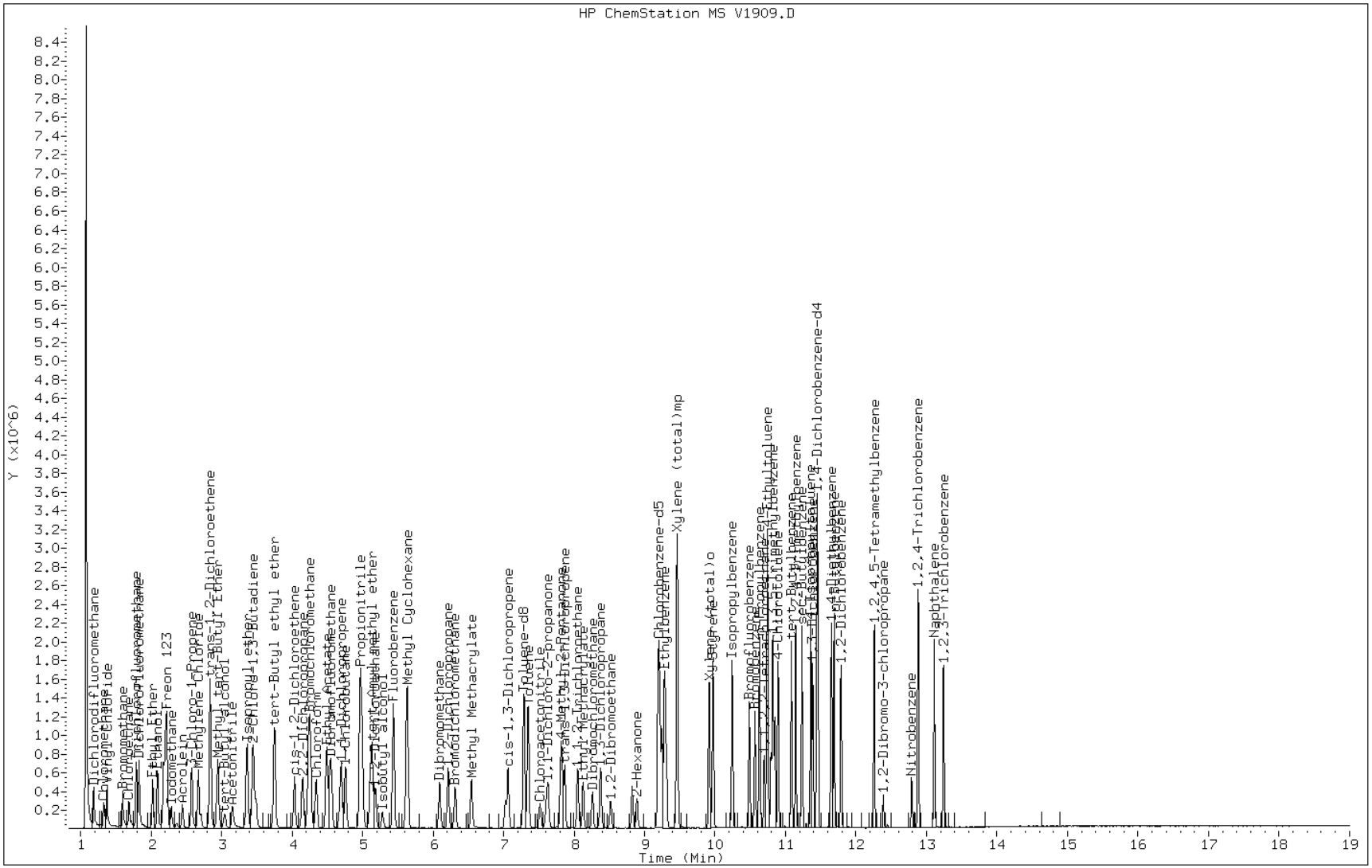
M - Compound response manually integrated.

Data File: V1909.D

Date: 07-MAY-2010 09:41

Client ID: CCVIS Instrument: msv.i

Sample Info: CCVIS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1909.D
Inj. Date and Time: 07-MAY-2010 09:41
Instrument ID: msv.i
Client ID: CCVIS
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/07/2010

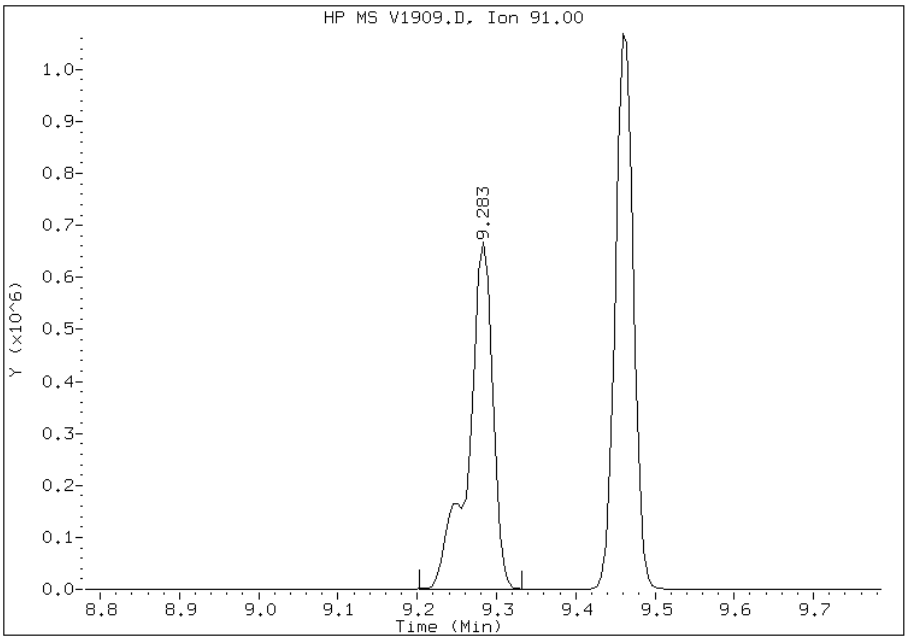
Processing Integration Results

RT: 9.28

Response: 1398690

Amount: 100

Conc: 100



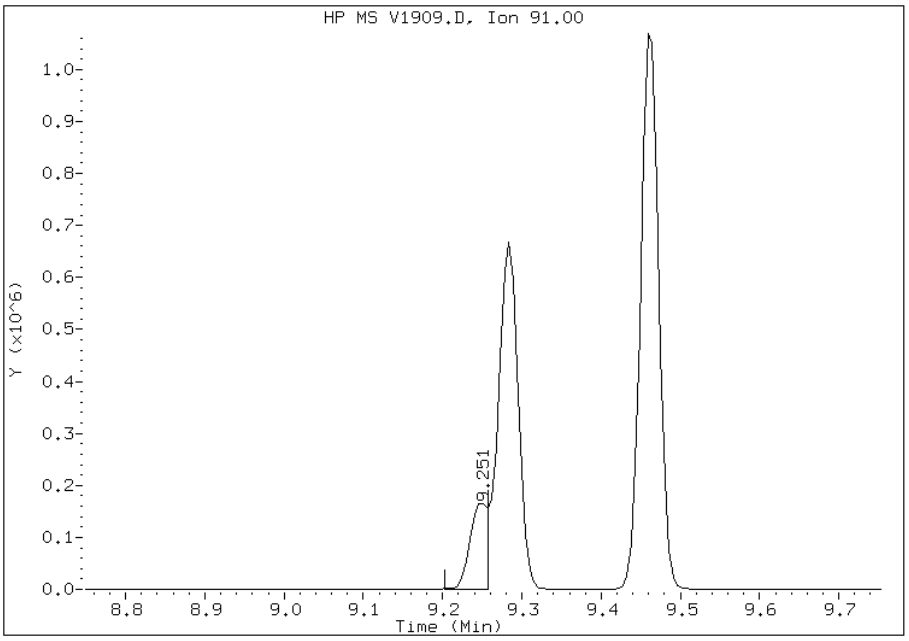
Manual Integration Results

RT: 9.25

Response: 255285

Amount: 18

Conc: 18



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1909.D
Inj. Date and Time: 07-MAY-2010 09:41
Instrument ID: msv.i
Client ID: CCVIS
Compound: 101 trans-1,4-Dichloro-2-Butene
CAS #: 110-57-6
Report Date: 05/07/2010

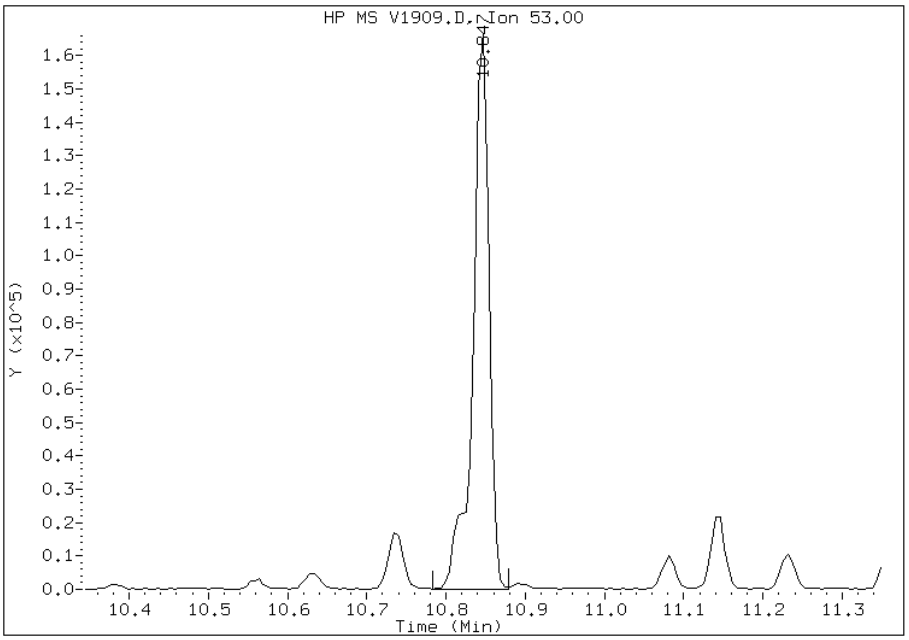
Processing Integration Results

RT: 10.85

Response: 231873

Amount: 49

Conc: 49



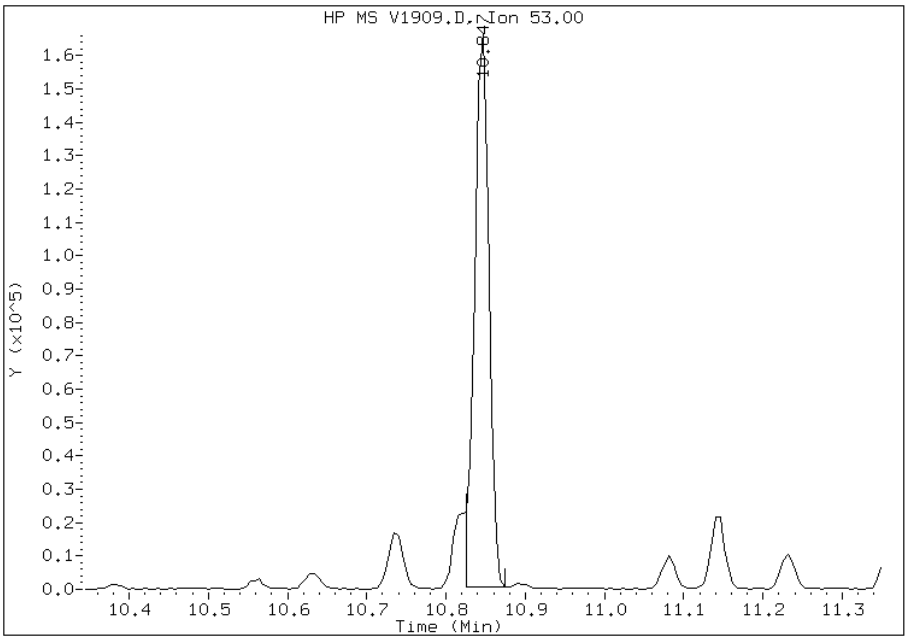
Manual Integration Results

RT: 10.85

Response: 208043

Amount: 44

Conc: 44



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V101624.b\VB022.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 23-APR-2010 14:43 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101624.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 5 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.746	2.523	(0.000)	95	1832960			0.00- 100.00	100.00
2.746	2.523	(0.000)	50	350720			15.00- 40.00	19.13
2.746	2.523	(0.000)	75	916736			30.00- 60.00	50.01
2.746	2.523	(0.000)	96	124224			5.00- 9.00	6.78
2.746	2.523	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.746	2.523	(0.000)	174	1447936			50.00- 100.00	78.99
2.746	2.523	(0.000)	175	103472			5.00- 9.00	7.15
2.746	2.523	(0.000)	176	1397248			95.00- 101.00	96.50
2.746	2.523	(0.000)	177	94632			5.00- 9.00	6.77

Data File: VB022.D

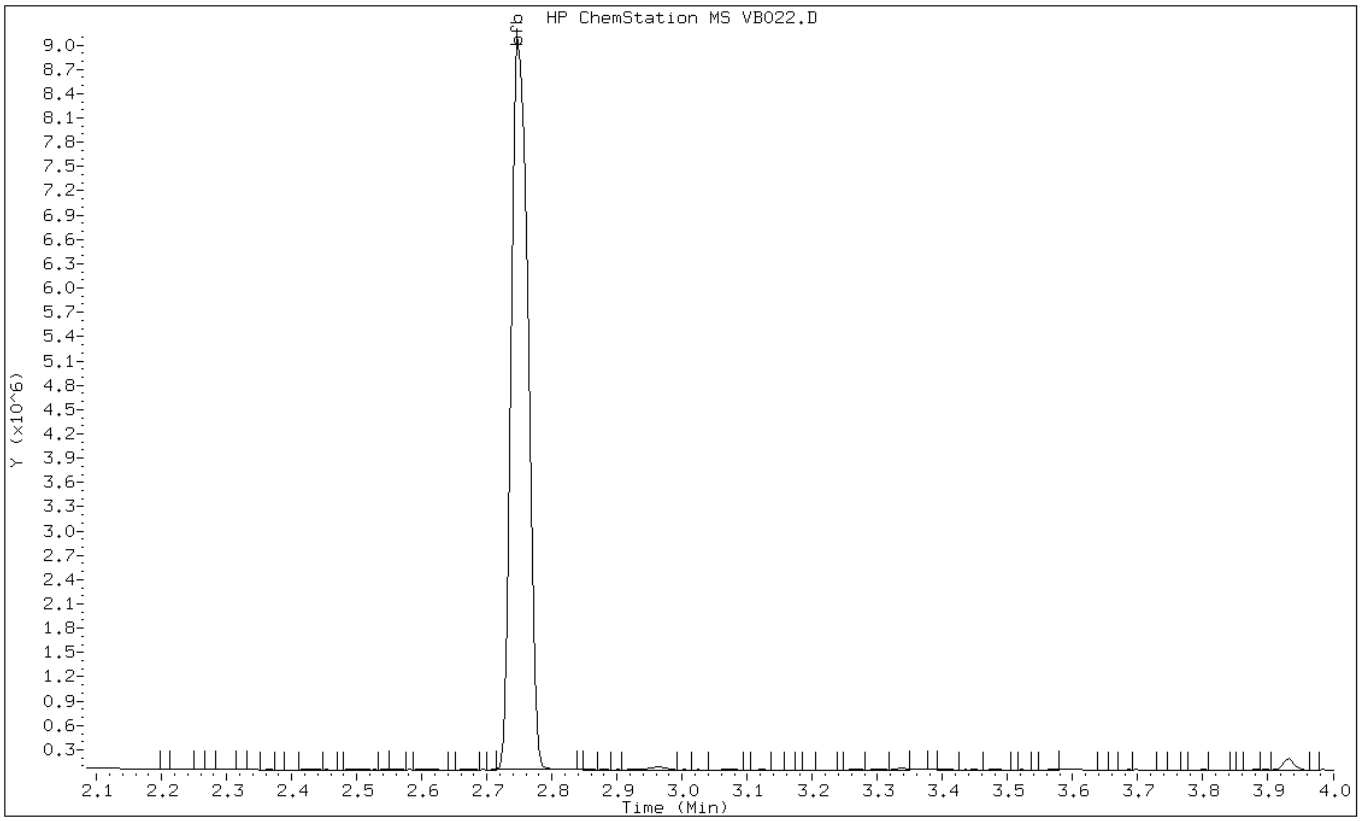
Date: 23-APR-2010 14:43

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



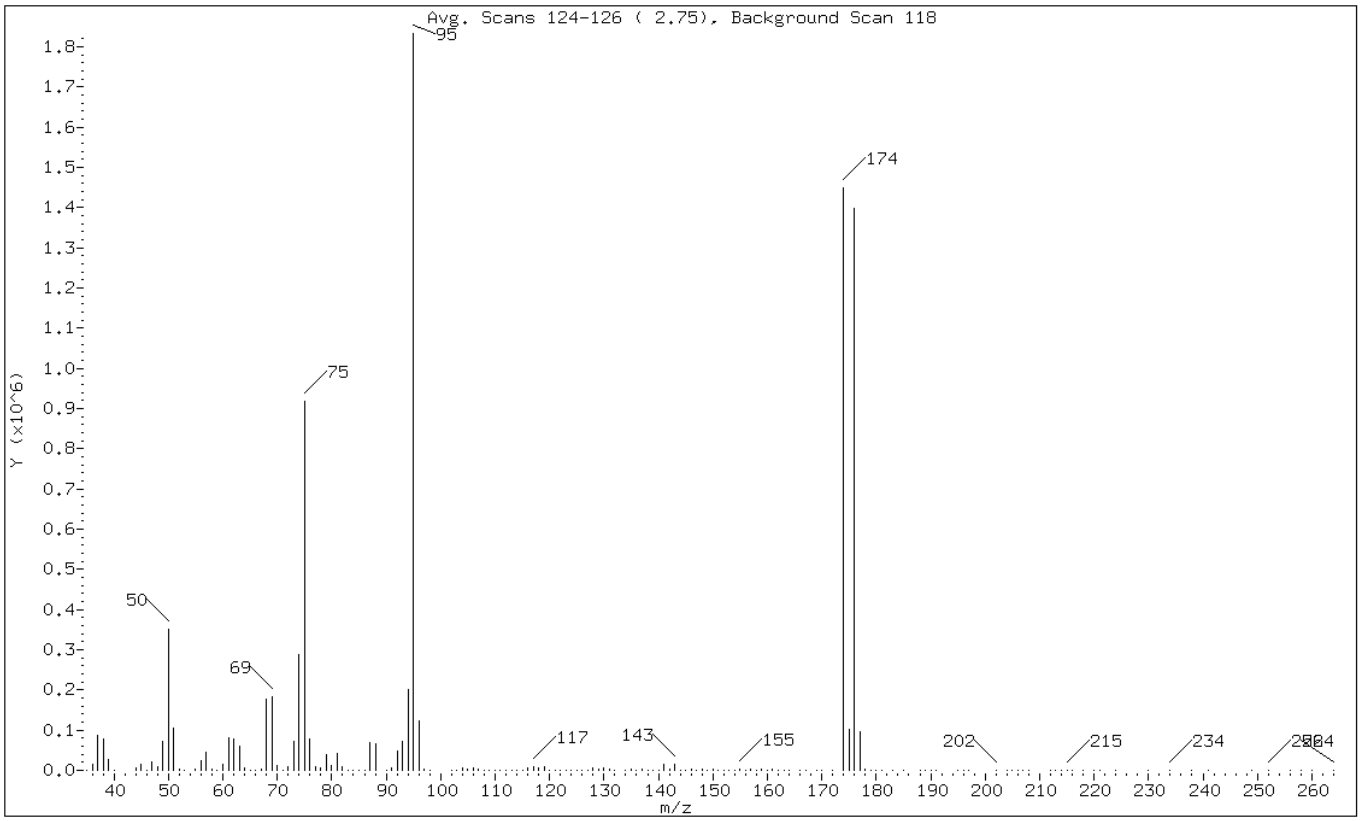
Data File: VB022.D

Date: 23-APR-2010 14:43

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.13
75	30.00 - 60.00% of mass 95	50.01
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	78.99
175	5.00 - 9.00% of mass 174	5.65 (7.15)
176	95.00 - 101.00% of mass 174	76.23 (96.50)
177	5.00 - 9.00% of mass 176	5.16 (6.77)

Data File: VB022.D

Date: 23-APR-2010 14:43

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V101624.b\VB022.D
Spectrum: Avg. Scans 124-126 (2.75), Background Scan 118
Location of Maximum: 95.00
Number of points: 168

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	55	82.00	8356	129.00	2857	177.00	94632
36.00	14969	83.00	857	130.00	6319	178.00	2545
37.00	85544	84.00	52	131.00	2082	179.00	55
38.00	76656	85.00	17	132.00	181	180.00	17
39.00	28248	86.00	1315	134.00	507	181.00	75
40.00	973	87.00	67880	135.00	2726	183.00	105
44.00	6978	88.00	64704	136.00	423	185.00	52
45.00	16059	90.00	161	137.00	2493	188.00	58
46.00	920	91.00	4842	138.00	327	189.00	80
47.00	19616	92.00	48080	139.00	632	190.00	56
48.00	9335	93.00	71208	140.00	1107	191.00	153
49.00	72920	94.00	201472	141.00	15438	195.00	147
50.00	350720	95.00	1832960	142.00	1887	196.00	40
51.00	104848	96.00	124224	143.00	15998	197.00	130
52.00	4338	97.00	3561	144.00	875	202.00	200
53.00	69	98.00	67	145.00	1344	204.00	82
55.00	3402	102.00	40	146.00	2405	205.00	50
56.00	24816	103.00	485	147.00	1209	206.00	45
57.00	44768	104.00	6516	148.00	4062	207.00	22
58.00	1747	105.00	1860	149.00	1349	208.00	64
59.00	133	106.00	6034	150.00	1509	212.00	13
60.00	16033	107.00	1705	151.00	114	213.00	85
61.00	80688	108.00	22	152.00	592	214.00	38
62.00	77672	109.00	102	153.00	1312	215.00	236
63.00	60120	110.00	565	154.00	1000	216.00	140
64.00	5003	111.00	1086	155.00	4419	218.00	47
65.00	360	112.00	568	156.00	604	220.00	39
66.00	51	113.00	1107	157.00	3015	221.00	34
67.00	4311	114.00	103	158.00	386	224.00	50
68.00	176064	115.00	1402	159.00	1968	230.00	43
69.00	183616	116.00	5505	160.00	332	234.00	134
70.00	13223	117.00	8919	161.00	1840	238.00	35
71.00	53	118.00	5115	162.00	85	241.00	48
72.00	9060	119.00	8010	163.00	48	249.00	33
73.00	73408	120.00	2	164.00	41	252.00	58
74.00	288128	121.00	164	166.00	101	256.00	43
75.00	916736	122.00	387	167.00	178	258.00	5
76.00	78760	123.00	408	169.00	68	260.00	31
77.00	9170	124.00	568	170.00	125	264.00	72
78.00	5124	125.00	459	172.00	459		

79.00	40056	126.00	670	174.00	1447936		
80.00	12174	127.00	424	175.00	103472		
81.00	41624	128.00	5478	176.00	1397248		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\VB032.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 06-MAY-2010 09:55 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 11 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.746	2.523	(0.000)	95	499200			0.00- 100.00	100.00
2.746	2.523	(0.000)	50	103320			15.00- 40.00	20.70
2.746	2.523	(0.000)	75	254720			30.00- 60.00	51.03
2.746	2.523	(0.000)	96	33864			5.00- 9.00	6.78
2.746	2.523	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.746	2.523	(0.000)	174	401024			50.00- 100.00	80.33
2.746	2.523	(0.000)	175	28400			5.00- 9.00	7.08
2.746	2.523	(0.000)	176	385152			95.00- 101.00	96.04
2.746	2.523	(0.000)	177	26400			5.00- 9.00	6.85

Data File: VB032.D

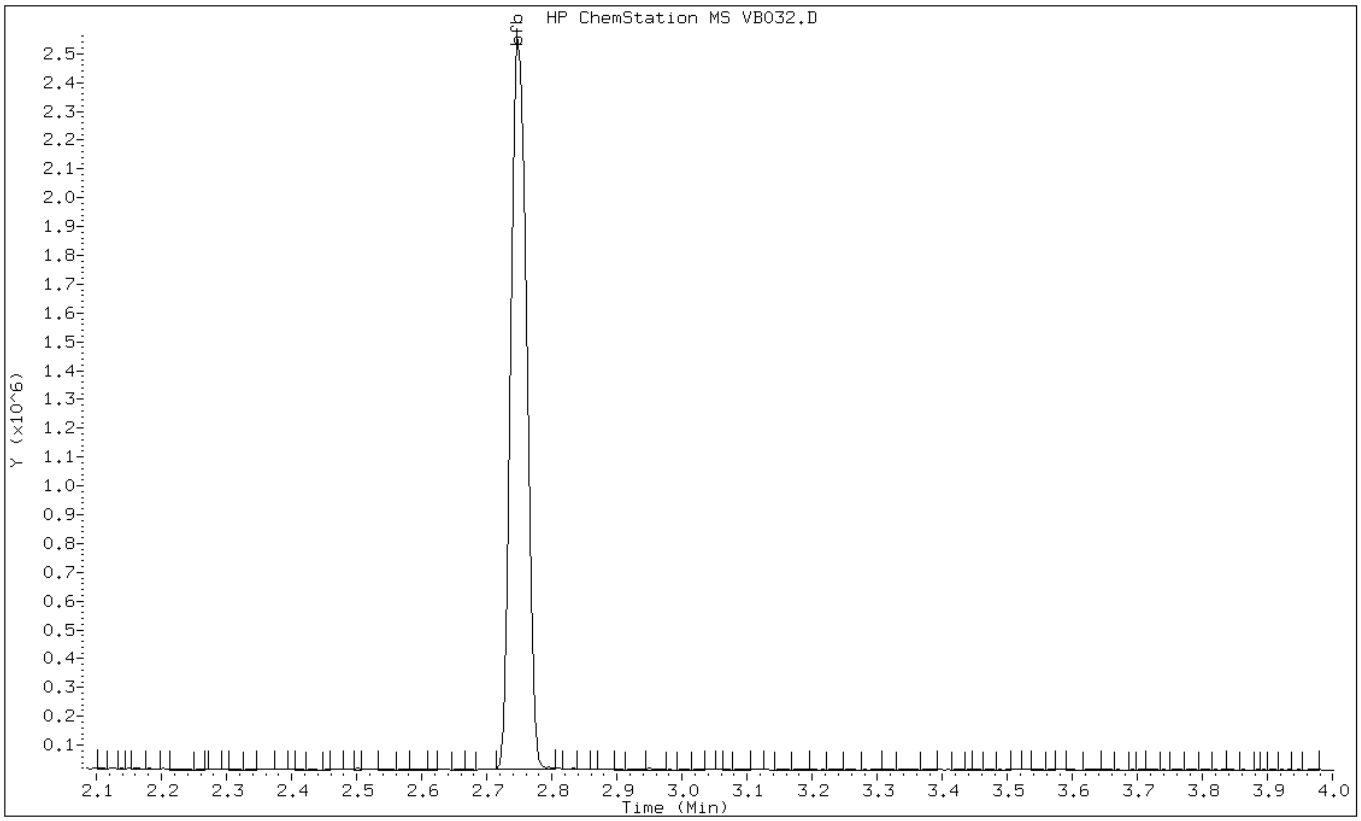
Date: 06-MAY-2010 09:55

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



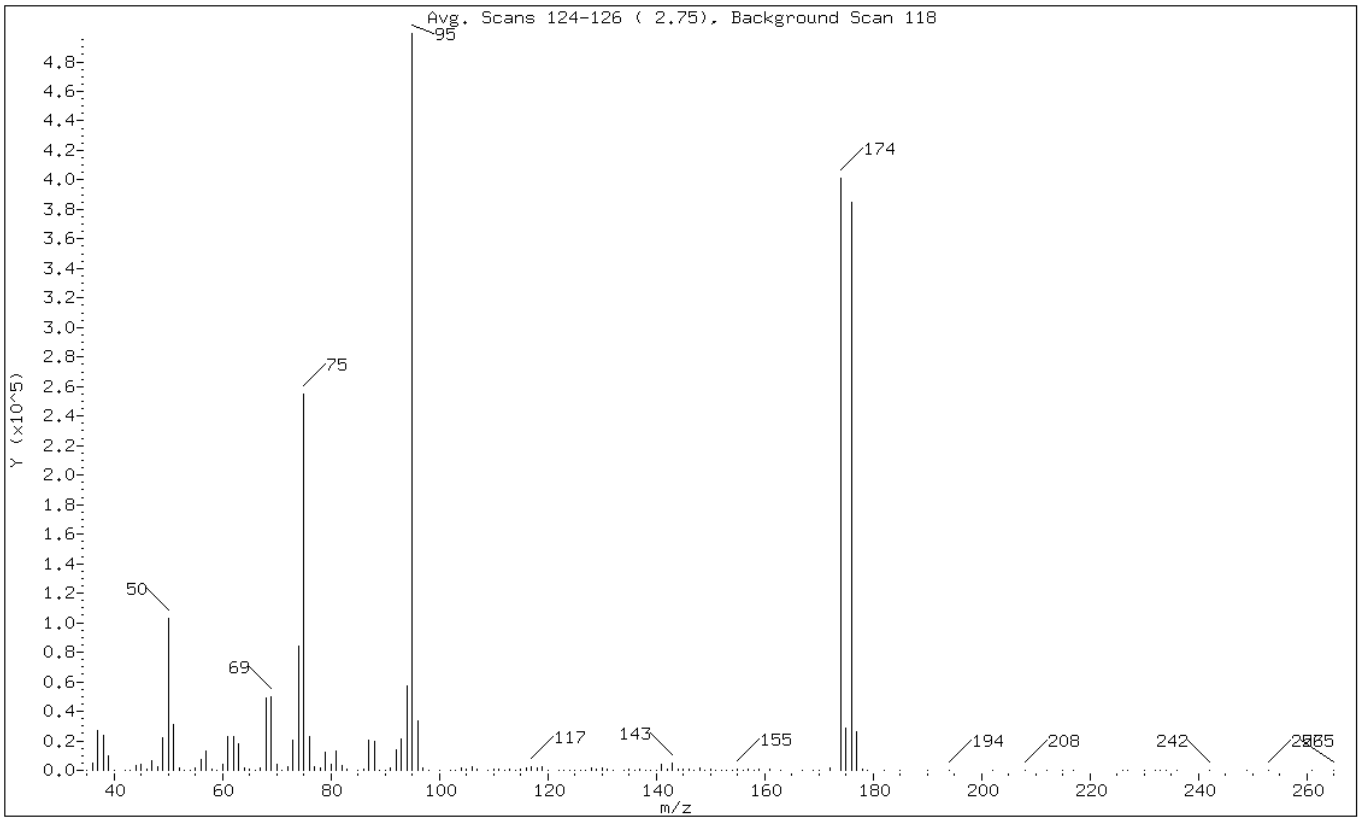
Data File: VB032.D

Date: 06-MAY-2010 09:55

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.70
75	30.00 - 60.00% of mass 95	51.03
96	5.00 - 9.00% of mass 95	6.78
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	80.33
175	5.00 - 9.00% of mass 174	5.69 (7.08)
176	95.00 - 101.00% of mass 174	77.15 (96.04)
177	5.00 - 9.00% of mass 176	5.29 (6.85)

Data File: VB032.D

Date: 06-MAY-2010 09:55

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V101867.b\VB032.D
Spectrum: Avg. Scans 124-126 (2.75), Background Scan 118
Location of Maximum: 95.00
Number of points: 151

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	34	74.00	83872	116.00	1449	156.00	329
36.00	4609	75.00	254720	117.00	2833	157.00	889
37.00	27072	76.00	22488	118.00	1671	158.00	295
38.00	23856	77.00	2753	119.00	2390	159.00	517
39.00	9486	78.00	1381	120.00	199	161.00	886
40.00	387	79.00	12525	122.00	87	163.00	73
42.00	127	80.00	3986	123.00	217	167.00	45
43.00	207	81.00	13339	124.00	384	169.00	38
44.00	2906	82.00	3080	125.00	158	170.00	40
45.00	4291	83.00	462	126.00	52	172.00	1317
46.00	676	85.00	116	127.00	354	174.00	401024
47.00	6320	86.00	445	128.00	1833	175.00	28400
48.00	2642	87.00	20448	129.00	768	176.00	385152
49.00	21816	88.00	19312	130.00	1531	177.00	26400
50.00	103320	89.00	76	131.00	625	178.00	691
51.00	31064	90.00	108	132.00	55	179.00	45
52.00	1409	91.00	1594	134.00	249	182.00	85
53.00	161	92.00	13548	135.00	755	185.00	36
54.00	40	93.00	21568	136.00	132	190.00	39
55.00	1396	94.00	56848	137.00	964	194.00	48
56.00	7356	95.00	499200	138.00	42	202.00	36
57.00	13320	96.00	33864	139.00	379	208.00	76
58.00	558	97.00	1275	140.00	268	212.00	73
59.00	41	98.00	103	141.00	4278	215.00	62
60.00	4325	100.00	50	142.00	687	217.00	50
61.00	22872	102.00	36	143.00	4717	226.00	55
62.00	23240	103.00	278	144.00	418	227.00	39
63.00	18064	104.00	1811	145.00	587	230.00	64
64.00	1457	105.00	530	146.00	677	232.00	40
65.00	908	106.00	2084	147.00	235	233.00	47
66.00	152	107.00	439	148.00	1249	234.00	47
67.00	1422	109.00	255	149.00	262	236.00	34
68.00	49160	110.00	461	150.00	465	242.00	84
69.00	50024	111.00	577	151.00	189	249.00	34
70.00	3723	112.00	382	152.00	188	253.00	42
71.00	98	113.00	436	153.00	119	261.00	37
72.00	2542	114.00	49	154.00	369	265.00	37
73.00	20656	115.00	472	155.00	1008		

TestAmerica Inc

Data file : \\consvr05\Files\chem\VOA\msv.i\V101909.b\VB033.D
Lab Smp Id: BFB Client Smp ID: BFB
Inj Date : 07-MAY-2010 09:31 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : BFB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101909.b\VBFB8260.m
Meth Date : 16-Jun-2009 08:21 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 12 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.746	2.523	(0.000)	95	500736			0.00- 100.00	100.00
2.746	2.523	(0.000)	50	107528			15.00- 40.00	21.47
2.746	2.523	(0.000)	75	257856			30.00- 60.00	51.50
2.746	2.523	(0.000)	96	32720			5.00- 9.00	6.53
2.746	2.523	(0.000)	173	722			0.00- 2.00	0.18
2.746	2.523	(0.000)	174	403200			50.00- 100.00	80.52
2.746	2.523	(0.000)	175	28168			5.00- 9.00	6.99
2.746	2.523	(0.000)	176	384896			95.00- 101.00	95.46
2.746	2.523	(0.000)	177	25256			5.00- 9.00	6.56

Data File: VB033.D

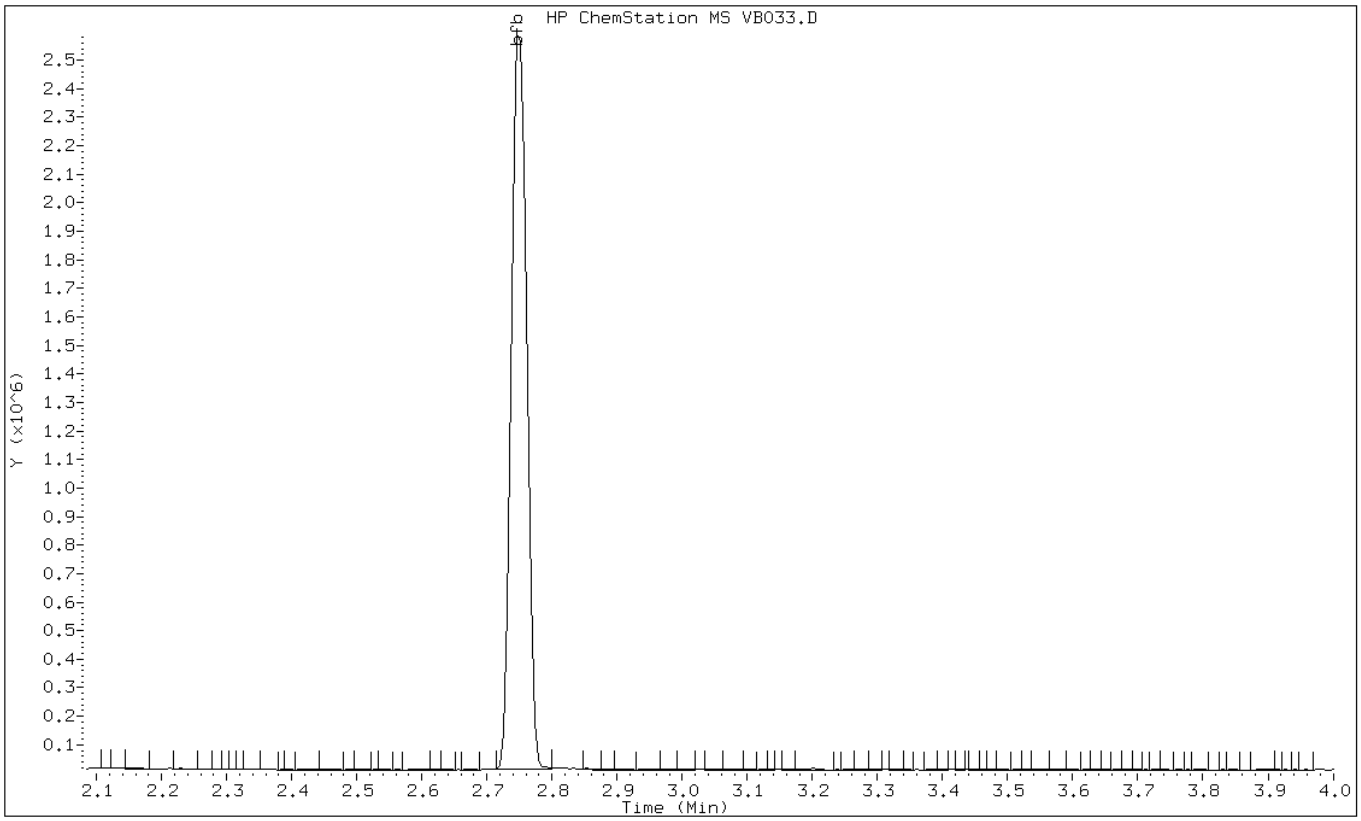
Date: 07-MAY-2010 09:31

Client ID: BFB

Instrument: msv.i

Sample Info: BFB

Operator: B.KOSTRZEWSKA



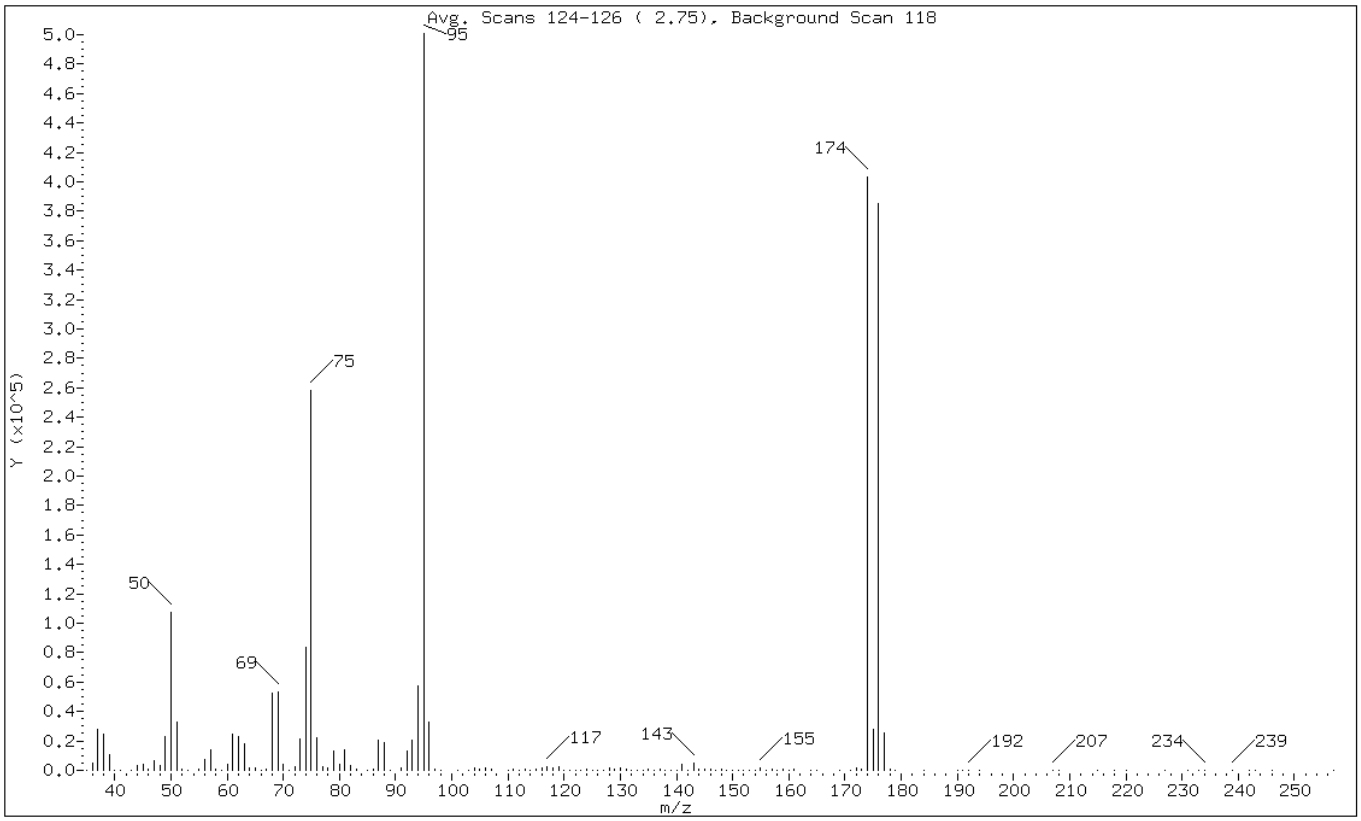
Data File: VB033.D

Date: 07-MAY-2010 09:31

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.47
75	30.00 - 60.00% of mass 95	51.50
96	5.00 - 9.00% of mass 95	6.53
173	Less than 2.00% of mass 174	0.14 (0.18)
174	50.00 - 100.00% of mass 95	80.52
175	5.00 - 9.00% of mass 174	5.63 (6.99)
176	95.00 - 101.00% of mass 174	76.87 (95.46)
177	5.00 - 9.00% of mass 176	5.04 (6.56)

Data File: VB033.D

Date: 07-MAY-2010 09:31

Client ID: BFB Instrument: msv.i

Sample Info: BFB Operator: B.KOSTRZEWSKA

Data File: \\consvr05\Files\chem\VOA\msv.i\V101909.b\VB033.D
Spectrum: Avg. Scans 124-126 (2.75), Background Scan 118
Location of Maximum: 95.00
Number of points: 149

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	52	75.00	257856	120.00	67	158.00	261
36.00	4796	76.00	22368	121.00	9	159.00	544
37.00	28160	77.00	2842	122.00	177	160.00	81
38.00	24608	78.00	1816	123.00	227	161.00	866
39.00	10424	79.00	13244	124.00	444	164.00	42
40.00	267	80.00	3902	125.00	143	165.00	37
41.00	209	81.00	13604	126.00	245	169.00	35
43.00	170	82.00	3042	127.00	124	171.00	128
44.00	3558	83.00	483	128.00	1716	172.00	1924
45.00	4327	85.00	98	129.00	690	173.00	722
46.00	423	86.00	847	130.00	1763	174.00	403200
47.00	6298	87.00	20496	131.00	690	175.00	28168
48.00	3016	88.00	19072	132.00	91	176.00	384896
49.00	22760	89.00	55	133.00	129	177.00	25256
50.00	107528	91.00	1410	134.00	114	178.00	628
51.00	32872	92.00	13165	135.00	786	179.00	33
52.00	1188	93.00	20488	136.00	144	184.00	36
53.00	170	94.00	57096	137.00	931	190.00	34
55.00	932	95.00	500736	138.00	99	191.00	39
56.00	7720	96.00	32720	139.00	234	192.00	91
57.00	14183	97.00	853	140.00	387	194.00	69
58.00	565	98.00	65	141.00	4255	207.00	112
59.00	176	101.00	58	142.00	334	208.00	43
60.00	4138	103.00	201	143.00	4635	215.00	40
61.00	24216	104.00	1788	144.00	420	218.00	33
62.00	23312	105.00	567	145.00	807	220.00	37
63.00	18032	106.00	2014	146.00	745	227.00	34
64.00	1954	107.00	513	147.00	170	231.00	81
65.00	1837	110.00	147	148.00	1110	233.00	30
66.00	271	111.00	461	149.00	307	234.00	96
67.00	1100	112.00	349	150.00	231	239.00	70
68.00	52520	113.00	551	151.00	94	242.00	40
69.00	53064	114.00	88	152.00	296	243.00	54
70.00	4164	115.00	514	153.00	264	246.00	41
71.00	245	116.00	1796	154.00	333	257.00	33
72.00	2739	117.00	2704	155.00	1245		
73.00	21600	118.00	1498	156.00	359		
74.00	83472	119.00	2444	157.00	908		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-38243/2

Matrix: Water Lab File ID: V1871.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	10	U	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	10	U	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-38243/2

Matrix: Water Lab File ID: V1871.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 11:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	65-136	
460-00-4	4-Bromofluorobenzene	82	51-142	
1868-53-7	Dibromofluoromethane	90	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1871.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 06-MAY-2010 11:34 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.440	5.440	(1.000)	1215966	25.0000	
	25 tert-Butyl alcohol	59	3.049	3.049	(0.561)	2878	1.98390	2
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	253182	22.5958	22
$	55 1,2-Dichloroethane-d4	65	5.109	5.109	(0.939)	347897	23.6209	24
*	75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	890591	25.0000	
$	77 Toluene-d8	98	7.292	7.292	(0.793)	1040555	23.3656	23
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	488885	25.0000	
	122 Hexachlorobutadiene	225	12.874	12.880	(1.124)	1076	0.12915	0.1
$	125 Bromofluorobenzene	95	10.489	10.484	(0.916)	349100	20.4704	20

Data File: V1871.D

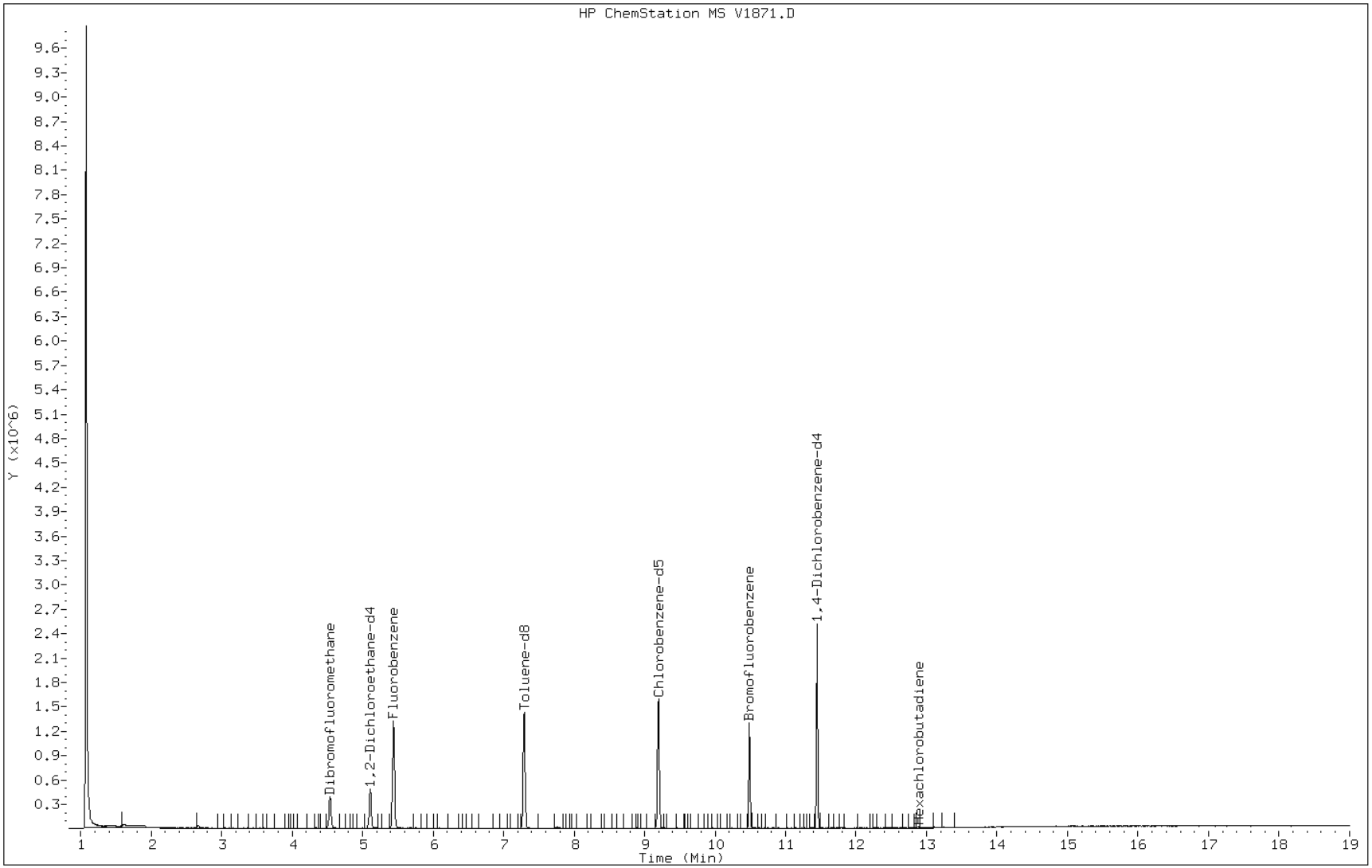
Date: 06-MAY-2010 11:34

Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-38258/3

Matrix: Water | Lab File ID: V1912.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 11:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38258 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.36	J	10	1.0
71-43-2	Benzene	5.0	U	5.0	0.74
75-27-4	Bromodichloromethane	5.0	U	5.0	0.48
75-25-2	Bromoform	5.0	U	5.0	0.46
74-83-9	Bromomethane	5.0	U	5.0	2.1
78-93-3	Methyl Ethyl Ketone	2.88	J	10	1.1
75-15-0	Carbon disulfide	5.0	U	5.0	0.90
56-23-5	Carbon tetrachloride	5.0	U	5.0	1.1
108-90-7	Chlorobenzene	5.0	U	5.0	0.72
75-00-3	Chloroethane	5.0	U	5.0	1.1
67-66-3	Chloroform	5.0	U	5.0	0.67
74-87-3	Chloromethane	5.0	U	5.0	1.1
124-48-1	Dibromochloromethane	5.0	U	5.0	0.55
75-34-3	1,1-Dichloroethane	5.0	U	5.0	1.0
107-06-2	1,2-Dichloroethane	5.0	U	5.0	0.72
75-35-4	1,1-Dichloroethene	5.0	U	5.0	0.83
78-87-5	1,2-Dichloropropane	5.0	U	5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	5.0	U	5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	5.0	U	5.0	0.57
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
591-78-6	2-Hexanone	10	U	10	1.1
75-09-2	Methylene Chloride	5.0	U	5.0	0.78
108-10-1	methyl isobutyl ketone	10	U	10	0.38
100-42-5	Styrene	5.0	U	5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.81
127-18-4	Tetrachloroethene	5.0	U	5.0	0.81
108-88-3	Toluene	5.0	U	5.0	0.72
71-55-6	1,1,1-Trichloroethane	5.0	U	5.0	0.69
79-00-5	1,1,2-Trichloroethane	5.0	U	5.0	0.65
79-01-6	Trichloroethene	5.0	U	5.0	0.62
75-01-4	Vinyl chloride	5.0	U	5.0	0.99
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3
156-59-2	cis-1,2-Dichloroethene	5.0	U	5.0	0.99
156-60-5	trans-1,2-Dichloroethene	5.0	U	5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-38258/3

Matrix: Water Lab File ID: V1912.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 11:12

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38258 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98	65-136	
460-00-4	4-Bromofluorobenzene	80	51-142	
1868-53-7	Dibromofluoromethane	93	68-132	
2037-26-5	Toluene-d8 (Surr)	91	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V1912.D
Lab Smp Id: MB Client Smp ID: MB
Inj Date : 07-MAY-2010 11:12 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : MB
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V8260LOW.m
Meth Date : 07-May-2010 10:01 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	5.435	5.435	(1.000)	1121671	25.0000	
	21 Acetone	43	2.713	2.708	(0.499)	12028	1.35992	1
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	239234	23.1459	23
	45 2-Butanone	43	4.667	4.666	(0.859)	18883	2.88464	3
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	331844	24.4250	24
*	75 Chlorobenzene-d5	117	9.192	9.192	(1.000)	845364	25.0000	
$	77 Toluene-d8	98	7.287	7.287	(0.793)	960816	22.7293	23
*	95 1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	466827	25.0000	
$	125 Bromofluorobenzene	95	10.484	10.484	(0.916)	323820	19.8852	20

Data File: V1912.D

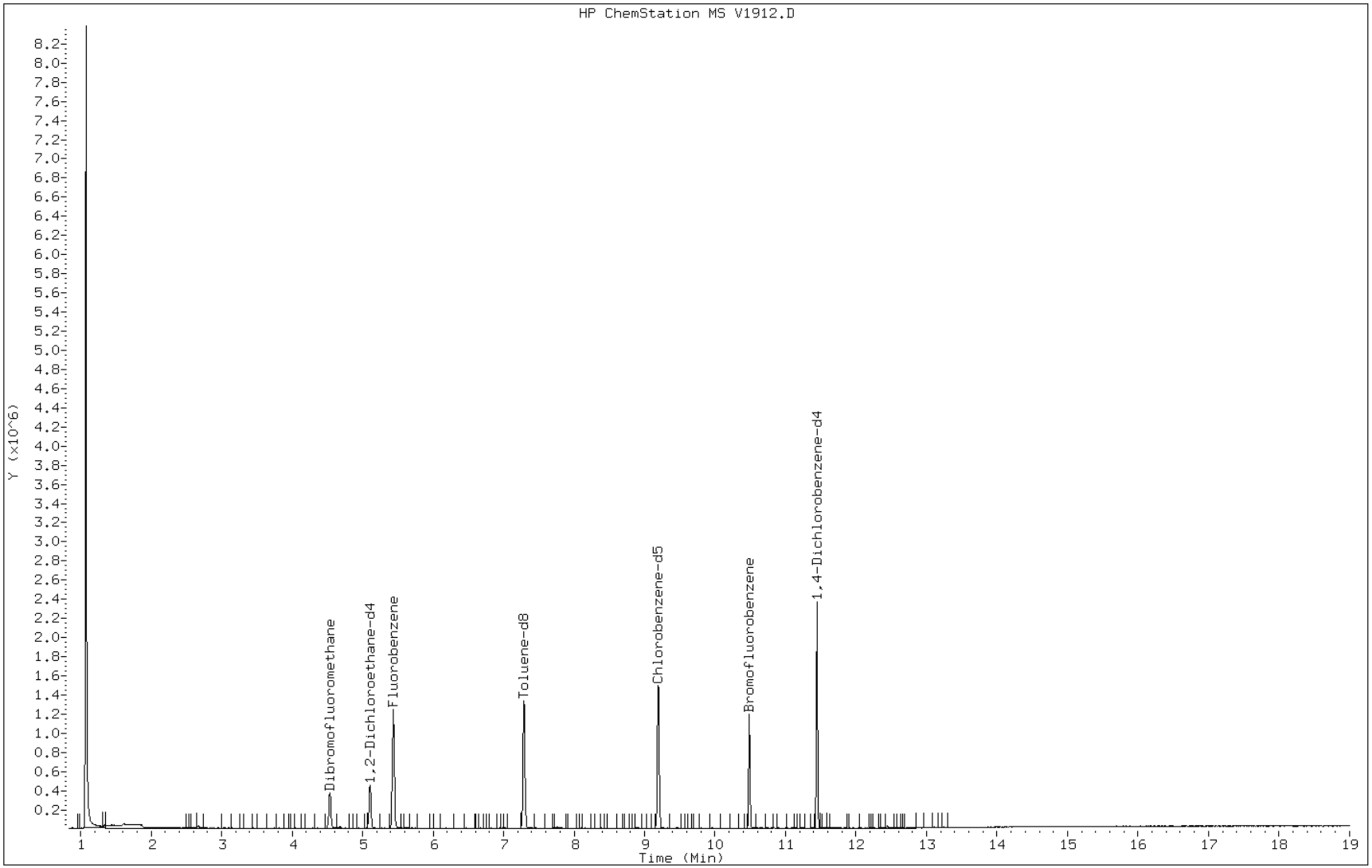
Date: 07-MAY-2010 11:12

Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA



Data File: V1912.D

Date: 07-MAY-2010 11:12

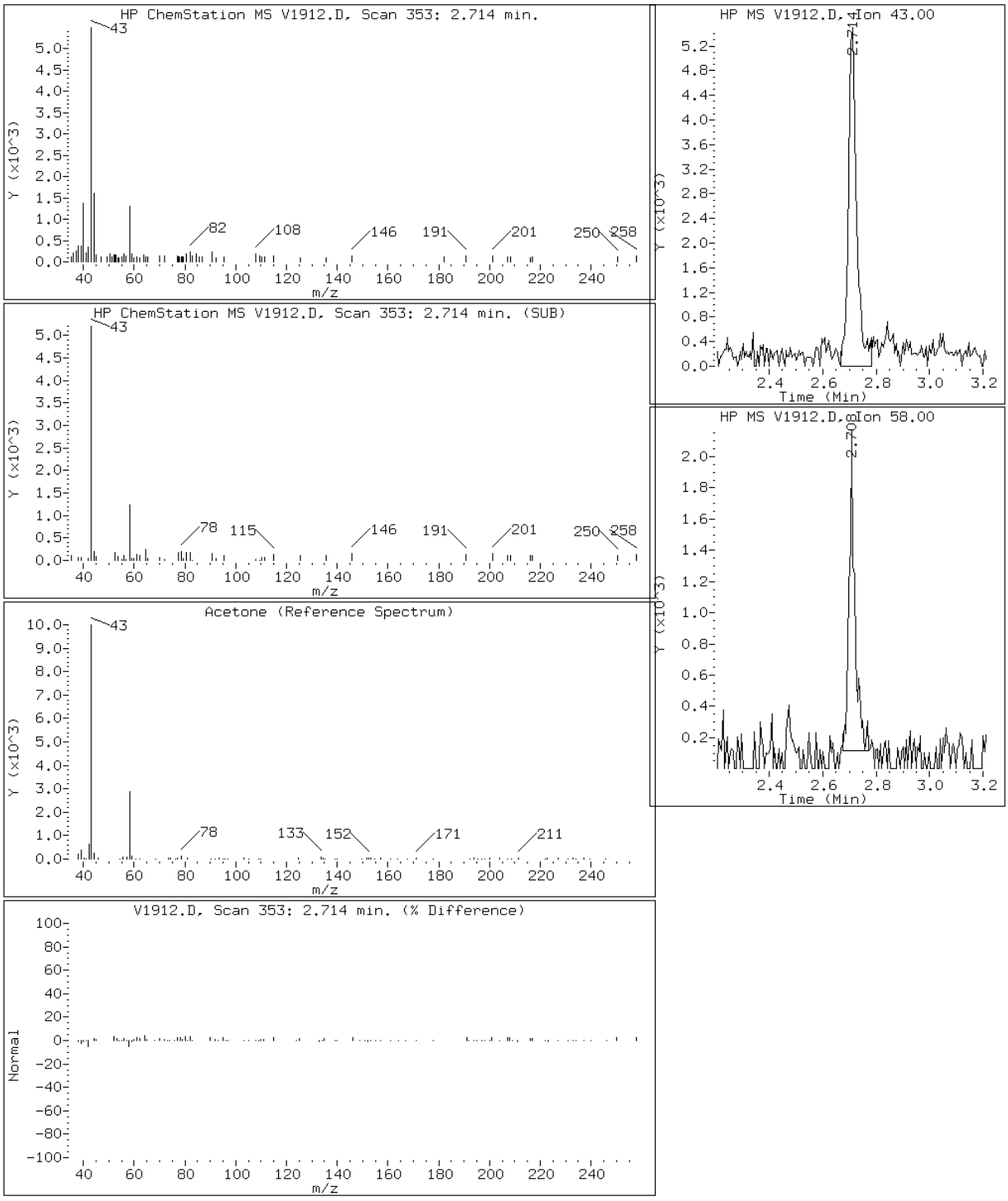
Client ID: MB

Instrument: msv.i

Sample Info: MB

Operator: B.KOSTRZEWSKA

21 Acetone



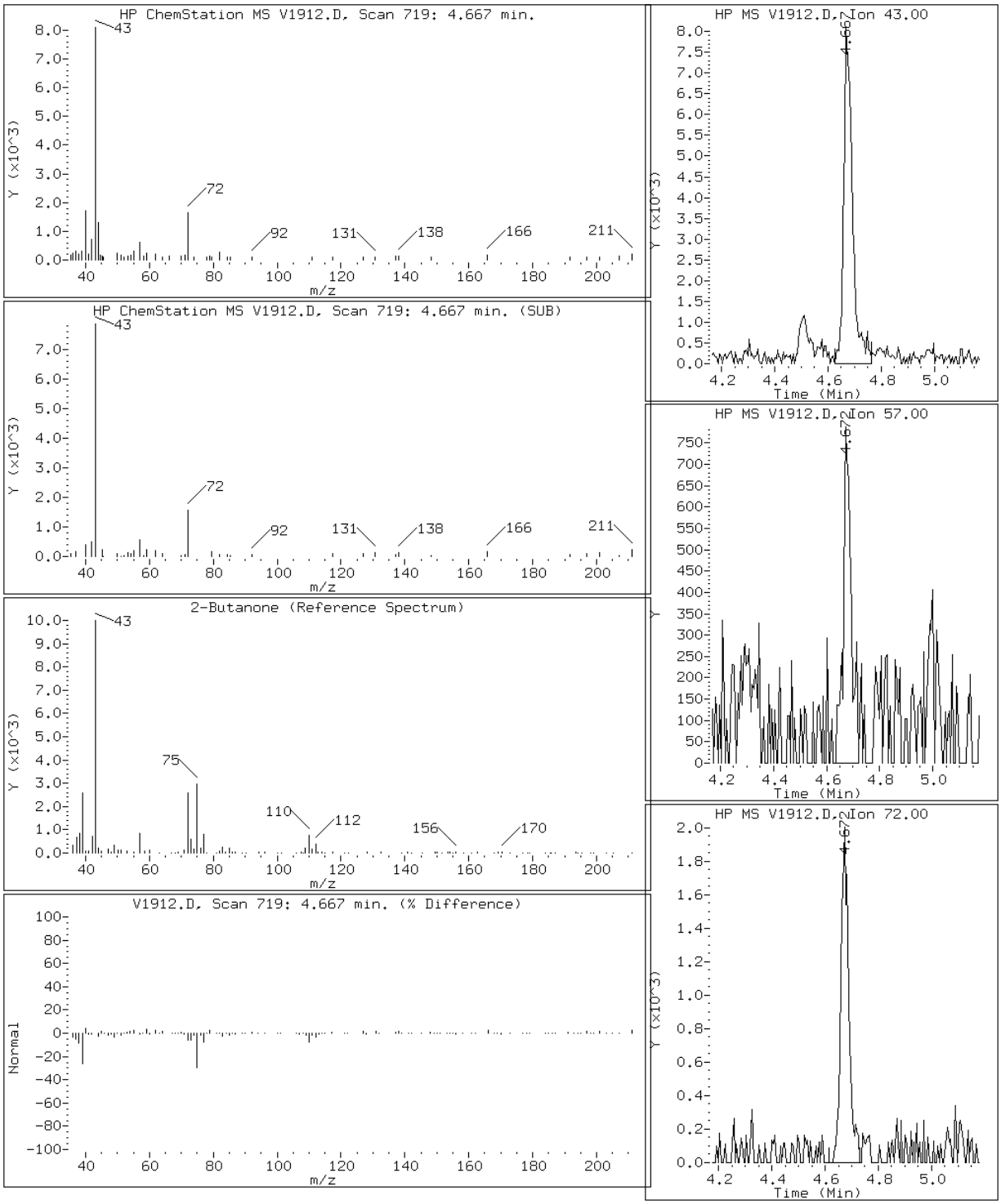
Data File: V1912.D

Date: 07-MAY-2010 11:12

Client ID: MB Instrument: msv.i

Sample Info: MB Operator: B.KOSTRZEWSKA

45 2-Butanone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-38243/3

Matrix: Water | Lab File ID: V1872.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 12:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	11.4		10	1.0
71-43-2	Benzene	9.60		5.0	0.74
75-27-4	Bromodichloromethane	9.20		5.0	0.48
75-25-2	Bromoform	9.39		5.0	0.46
74-83-9	Bromomethane	12.4		5.0	2.1
78-93-3	Methyl Ethyl Ketone	11.2		10	1.1
75-15-0	Carbon disulfide	8.07		5.0	0.90
56-23-5	Carbon tetrachloride	8.35		5.0	1.1
108-90-7	Chlorobenzene	8.69		5.0	0.72
75-00-3	Chloroethane	16.4		5.0	1.1
67-66-3	Chloroform	9.52		5.0	0.67
74-87-3	Chloromethane	12.2		5.0	1.1
124-48-1	Dibromochloromethane	8.81		5.0	0.55
75-34-3	1,1-Dichloroethane	9.81		5.0	1.0
107-06-2	1,2-Dichloroethane	9.70		5.0	0.72
75-35-4	1,1-Dichloroethene	8.01		5.0	0.83
78-87-5	1,2-Dichloropropane	9.99		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	9.24		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.35		5.0	0.57
100-41-4	Ethylbenzene	8.45		5.0	0.87
591-78-6	2-Hexanone	9.61	J	10	1.1
75-09-2	Methylene Chloride	9.09		5.0	0.78
108-10-1	methyl isobutyl ketone	10.3		10	0.38
100-42-5	Styrene	7.91		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	10.0		5.0	0.81
127-18-4	Tetrachloroethene	8.03		5.0	0.81
108-88-3	Toluene	8.78		5.0	0.72
71-55-6	1,1,1-Trichloroethane	8.72		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.90		5.0	0.65
79-01-6	Trichloroethene	8.70		5.0	0.62
75-01-4	Vinyl chloride	11.8		5.0	0.99
1330-20-7	Xylenes, Total	24.3		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	9.14		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	8.55		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-38243/3

Matrix: Water Lab File ID: V1872.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 12:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94	65-136	
460-00-4	4-Bromofluorobenzene	79	51-142	
1868-53-7	Dibromofluoromethane	91	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1872.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 06-MAY-2010 12:02 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 5 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	1257075	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	114201	11.3203	11
3	Chloromethane	50	1.331	1.326	(0.245)	146680	12.2497	12
4	Vinyl Chloride	62	1.373	1.374	(0.253)	151669	11.7661	12
5	Bromomethane	94	1.598	1.598	(0.294)	96669	12.4079	12
6	Chloroethane	64	1.688	1.689	(0.310)	95497	16.3583	16(R)
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	189569	11.9371	12
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	223952	12.0551	12
9	Ethyl Ether	45	2.019	2.025	(0.371)	84063	11.1651	11
10	Ethanol	45	2.089	2.089	(0.384)	41646	88.8103	89
12	Freon 123	67	2.222	2.222	(0.408)	21838	8.91129	9
13	Trichlorotrifluoroethane	101	2.217	2.217	(0.408)	79461	7.97098	8
14	1,1-Dichloroethene	96	2.174	2.179	(0.400)	71598	8.01001	8
15	Carbon Disulfide	76	2.195	2.201	(0.404)	240220	8.06502	8
16	Iodomethane	142	2.286	2.292	(0.420)	111299	7.73043	8
17	Acrolein	56	2.446	2.446	(0.450)	119246	45.0730	45
18	2-Propanol	45	2.601	2.606	(0.478)	20205	11.1162	11
19	3-Chloro-1-Propene	41	2.580	2.580	(0.474)	164183	9.41379	9
20	Methylene Chloride	84	2.670	2.670	(0.491)	122809	9.08950	9
21	Acetone	43	2.708	2.713	(0.498)	64394	11.3723	11
22	trans-1,2-Dichloroethene	96	2.830	2.836	(0.520)	93696	8.55491	8
23	Methyl Acetate	43	2.841	2.841	(0.522)	689911	12.2222	12(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.942	2.948	(0.541)	345817	9.48308	9
	25 tert-Butyl alcohol	59	3.044	3.049	(0.560)	93290	62.2050	62
	26 Acetonitrile	41	3.156	3.156	(0.580)	198969	128.028	130
	27 Isopropyl ether	45	3.364	3.364	(0.618)	381915	9.75466	10
	28 tert-Butyl ethyl ether	59	3.754	3.754	(0.690)	365085	9.81085	10
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	77724	7.42969	7
	30 Acrylonitrile	53	3.492	3.492	(0.642)	113886	22.8646	23
	31 1,1-Dichloroethane	63	3.455	3.460	(0.635)	204390	9.80629	10
	32 Vinyl Acetate	43	3.748	3.749	(0.689)	296597	9.34194	9
	33 cis-1,2-Dichloroethene	96	4.037	4.037	(0.742)	111080	9.13717	9
	34 2,2-Dichloropropane	77	4.149	4.154	(0.763)	130896	8.92049	9
	35 Bromochloromethane	128	4.239	4.240	(0.779)	56582	9.30238	9
	37 Cyclohexane	84	4.261	4.261	(0.783)	117098	7.31857	7
	38 Chloroform	83	4.346	4.346	(0.799)	191080	9.52390	10
	39 Ethyl Acetate	43	4.501	4.501	(0.827)	40145	16.7361	17(R)
	40 Methyl Acrylate	55	4.496	4.501	(0.826)	130349	10.4076	10
$	41 Dibromofluoromethane	111	4.538	4.538	(0.834)	263904	22.7825	23
	42 Tetrahydrofuran	42	4.501	4.501	(0.827)	111000	21.7733	22
	43 Carbon Tetrachloride	117	4.485	4.490	(0.824)	120908	8.35333	8
	44 1,1,1-Trichloroethane	97	4.560	4.554	(0.838)	150727	8.72126	9
	45 2-Butanone	43	4.672	4.672	(0.859)	82139	11.1963	11
	46 1,1-Dichloropropene	75	4.698	4.699	(0.864)	132219	8.24141	8
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	317493	9.78547	10
	49 1-Chlorobutane	56	4.762	4.763	(0.875)	204471	9.03671	9
	50 Heptane	43	4.992	4.987	(0.918)	106083	7.21290	7
	51 Propionitrile	54	4.971	4.971	(0.914)	241188	118.114	120
	52 Benzene	78	4.965	4.965	(0.913)	452602	9.60084	10
	53 2-Methyl-2-Propenenitrile	41	4.997	4.997	(0.919)	166354	9.05685	9(R)
	54 Isobutyl alcohol	42	5.280	5.286	(0.971)	41157	108.000	110
$	55 1,2-Dichloroethane-d4	65	5.109	5.109	(0.939)	357880	23.5040	24
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	172615	9.70305	10
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	143892	7.16305	7
	60 Trichloroethene	130	5.638	5.638	(1.036)	107704	8.69679	9
	63 Dibromomethane	93	6.091	6.097	(1.120)	74413	9.40106	9
	64 1,2-Dichloropropane	63	6.214	6.220	(1.142)	129941	9.98587	10
	65 Bromodichloromethane	83	6.315	6.316	(1.161)	141570	9.20364	9
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	94807	8.84474	9
	67 1,4-Dioxane	58	6.550	6.550	(1.204)	11334	91.4282	91
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.291)	77424	8.79328	9
	70 cis-1,3-Dichloropropene	75	7.063	7.068	(1.298)	171931	9.23893	9
	71 Chloroacetonitrile	48	7.522	7.522	(1.383)	54141	131.254	130
	72 2-Nitropropane	41	7.607	7.607	(1.398)	82081	20.6147	21
	73 trans-1,3-Dichloropropene	75	7.868	7.869	(1.446)	169341	9.35244	9
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	109448	9.89836	10
*	75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	924754	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	476060	8.77861	9
$	77 Toluene-d8	98	7.292	7.292	(0.793)	1078868	23.3309	23
	78 1,1-Dichloro-2-propanone	43	7.628	7.634	(0.829)	373800	66.0348	66(R)
	79 4-Methyl-2-Pentanone	43	7.836	7.837	(0.852)	149081	10.2950	10
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	81728	8.02989	8
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	119937	8.22203	8
	82 Dibromochloromethane	129	8.263	8.264	(0.898)	108252	8.80623	9
	83 1,3-Dichloropropane	76	8.381	8.381	(0.911)	184551	9.53625	10
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	107734	9.04364	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	107486	9.61103	10
87	1-Chlorohexane	91	9.251	9.251	(1.006)	115361	7.97410	8(H)
88	Chlorobenzene	112	9.213	9.214	(1.002)	295974	8.68666	9
89	1,1,1,2-Tetrachloroethane	131	9.309	9.310	(1.012)	99758	8.98045	9
90	Ethylbenzene	106	9.283	9.288	(1.009)	160845	8.45271	8
91	Xylene (total)mp	106	9.464	9.464	(1.029)	372018	16.5117	16
92	Xylene (total)o	106	9.918	9.918	(1.078)	170775	7.84064	8
93	Styrene	104	9.971	9.971	(1.084)	277372	7.90982	8
94	Bromoform	173	9.966	9.966	(1.084)	72799	9.38556	9
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	540639	25.0000	
96	Isopropylbenzene	105	10.243	10.244	(0.895)	407539	7.56828	8
97	Bromobenzene	156	10.569	10.569	(0.923)	129663	8.52387	8
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	152305	10.0027	10
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	443220	7.92009	8
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	42671	9.21499	9
101	trans-1,4-Dichloro-2-Butene	53	10.846	10.847	(0.947)	100017	20.8852	21(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	529916	8.04713	8
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	393758	8.32343	8
104	4-Chlorotoluene	91	10.894	10.895	(0.952)	361669	8.45223	8
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	383342	7.88318	8
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	302874	7.47586	7
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	403315	8.07953	8
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	451018	7.78831	8
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	362831	7.37281	7
110	1,3-Dichlorobenzene	146	11.385	11.386	(0.994)	249735	8.72717	9
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	251993	8.52743	8
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	246001	8.70846	9
113	Benzyl Chloride	126	11.663	11.663	(1.019)	41840	8.45375	8
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	189901	7.09610	7
115	n-Butylbenzene	91	11.690	11.690	(1.021)	365894	7.57732	8
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	346500	6.85380	7
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	31391	9.30463	9
120	Nitrobenzene	77	12.789	12.789	(1.117)	80755	95.6076	96
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	178823	7.68209	8
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	60521	6.56865	6
123	Naphthalene	128	13.109	13.109	(1.145)	502044	7.36512	7
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	183201	7.84125	8
$ 125	Bromofluorobenzene	95	10.489	10.484	(0.916)	372325	19.7423	20
M 126	1,2-Dichloroethene (total)	100				204776	17.6921	18
M 127	Xylene (total)	100				542793	24.3523	24

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1872.D

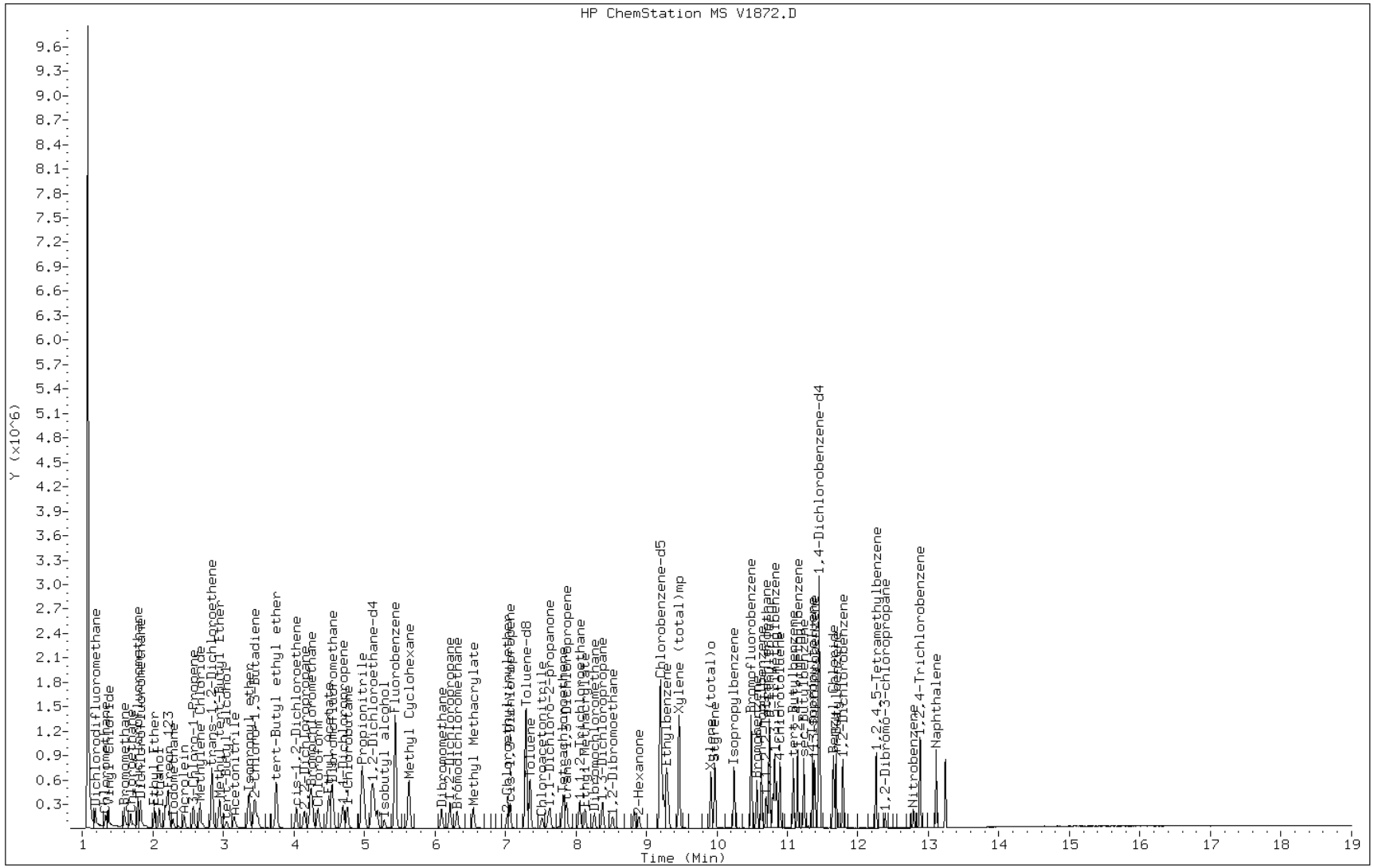
Date: 06-MAY-2010 12:02

Client ID: LCS

Instrument: msv.i

Sample Info: LCS

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-38258/2

Matrix: Water | Lab File ID: V1910.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/07/2010 10:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38258 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	15.0		10	1.0
71-43-2	Benzene	9.55		5.0	0.74
75-27-4	Bromodichloromethane	8.74		5.0	0.48
75-25-2	Bromoform	8.84		5.0	0.46
74-83-9	Bromomethane	11.9		5.0	2.1
78-93-3	Methyl Ethyl Ketone	14.7		10	1.1
75-15-0	Carbon disulfide	9.55		5.0	0.90
56-23-5	Carbon tetrachloride	9.28		5.0	1.1
108-90-7	Chlorobenzene	8.65		5.0	0.72
75-00-3	Chloroethane	16.3		5.0	1.1
67-66-3	Chloroform	9.58		5.0	0.67
74-87-3	Chloromethane	12.2		5.0	1.1
124-48-1	Dibromochloromethane	8.21		5.0	0.55
75-34-3	1,1-Dichloroethane	9.90		5.0	1.0
107-06-2	1,2-Dichloroethane	9.49		5.0	0.72
75-35-4	1,1-Dichloroethene	9.12		5.0	0.83
78-87-5	1,2-Dichloropropane	9.41		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	8.95		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	9.05		5.0	0.57
100-41-4	Ethylbenzene	8.36		5.0	0.87
591-78-6	2-Hexanone	9.64	J	10	1.1
75-09-2	Methylene Chloride	8.47		5.0	0.78
108-10-1	methyl isobutyl ketone	9.79	J	10	0.38
100-42-5	Styrene	7.50		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	9.49		5.0	0.81
127-18-4	Tetrachloroethene	8.64		5.0	0.81
108-88-3	Toluene	8.77		5.0	0.72
71-55-6	1,1,1-Trichloroethane	9.30		5.0	0.69
79-00-5	1,1,2-Trichloroethane	9.15		5.0	0.65
79-01-6	Trichloroethene	8.76		5.0	0.62
75-01-4	Vinyl chloride	12.8		5.0	0.99
1330-20-7	Xylenes, Total	24.3		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	8.61		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	9.06		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-38258/2

Matrix: Water Lab File ID: V1910.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/07/2010 10:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38258 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	65-136	
460-00-4	4-Bromofluorobenzene	80	51-142	
1868-53-7	Dibromofluoromethane	90	68-132	
2037-26-5	Toluene-d8 (Surr)	93	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V1910.D
Lab Smp Id: LCS Client Smp ID: LCS
Inj Date : 07-MAY-2010 10:17 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : LCS
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101909.b\V8260LOW.m
Meth Date : 07-May-2010 10:01 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	5.435	5.435	(1.000)	1204070	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	129745	13.4273	13
3	Chloromethane	50	1.326	1.331	(0.244)	140319	12.2343	12
4	Vinyl Chloride	62	1.374	1.374	(0.253)	157629	12.7668	13
5	Bromomethane	94	1.598	1.598	(0.294)	88835	11.9043	12(M)
6	Chloroethane	64	1.683	1.688	(0.310)	90958	16.2667	16(RM)
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	212024	13.9389	14
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	226420	12.7245	13
9	Ethyl Ether	45	2.019	2.025	(0.372)	79991	11.0919	11
10	Ethanol	45	2.089	2.089	(0.384)	47210	105.107	100
12	Freon 123	67	2.222	2.222	(0.409)	23081	9.83313	10
13	Trichlorotrifluoroethane	101	2.212	2.211	(0.407)	94424	9.88894	10
14	1,1-Dichloroethene	96	2.174	2.174	(0.400)	78041	9.11517	9
15	Carbon Disulfide	76	2.196	2.195	(0.404)	272393	9.54777	10
16	Iodomethane	142	2.286	2.286	(0.421)	107585	7.80985	8
17	Acrolein	56	2.446	2.441	(0.450)	98401	38.8313	39
18	2-Propanol	45	2.606	2.606	(0.480)	22289	12.8026	13
19	3-Chloro-1-Propene	41	2.574	2.574	(0.474)	162028	9.69920	10
20	Methylene Chloride	84	2.670	2.670	(0.491)	111019	8.47048	8
21	Acetone	43	2.708	2.708	(0.498)	79535	15.0384	15(R)
22	trans-1,2-Dichloroethene	96	2.831	2.831	(0.521)	95073	9.06277	9
23	Methyl Acetate	43	2.841	2.841	(0.523)	663464	12.2711	12(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.948	2.943	(0.542)	316204	9.05274	9
	25 tert-Butyl alcohol	59	3.044	3.044	(0.560)	86756	60.3947	60
	26 Acetonitrile	41	3.156	3.151	(0.581)	173825	116.772	120
	27 Isopropyl ether	45	3.359	3.359	(0.618)	352139	9.39008	9
	28 tert-Butyl ethyl ether	59	3.749	3.748	(0.690)	329438	9.24264	9
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.633)	80175	8.00137	8
	30 Acrylonitrile	53	3.487	3.492	(0.642)	119966	25.1455	25
	31 1,1-Dichloroethane	63	3.455	3.455	(0.636)	197718	9.90378	10
	32 Vinyl Acetate	43	3.749	3.748	(0.690)	245639	8.07750	8
	33 cis-1,2-Dichloroethene	96	4.031	4.031	(0.742)	100236	8.60814	9
	34 2,2-Dichloropropane	77	4.149	4.149	(0.763)	140819	10.0192	10
	35 Bromochloromethane	128	4.240	4.239	(0.780)	51166	8.78227	9
	37 Cyclohexane	84	4.256	4.261	(0.783)	135347	8.83151	9
	38 Chloroform	83	4.341	4.341	(0.799)	184012	9.57536	10
	39 Ethyl Acetate	43	4.501	4.496	(0.828)	38514	16.7666	17(R)
	40 Methyl Acrylate	55	4.496	4.496	(0.827)	119958	9.99953	10
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	250018	22.5339	22
	42 Tetrahydrofuran	42	4.496	4.496	(0.827)	102416	20.9739	21
	43 Carbon Tetrachloride	117	4.485	4.485	(0.825)	128689	9.28230	9
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.838)	154016	9.30387	9
	45 2-Butanone	43	4.672	4.666	(0.860)	103279	14.6976	15
	46 1,1-Dichloropropene	75	4.693	4.698	(0.864)	138270	8.99798	9
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.945)	286792	9.22835	9
	49 1-Chlorobutane	56	4.757	4.757	(0.875)	217181	10.0210	10
	50 Heptane	43	4.987	4.987	(0.918)	142152	10.0908	10
	51 Propionitrile	54	4.965	4.965	(0.914)	229742	117.461	120
	52 Benzene	78	4.965	4.965	(0.914)	431376	9.55340	10
	53 2-Methyl-2-Propenenitrile	41	4.997	4.992	(0.919)	182983	10.4007	10
	54 Isobutyl alcohol	42	5.280	5.280	(0.972)	34870	95.5307	96
$	55 1,2-Dichloroethane-d4	65	5.104	5.104	(0.939)	337540	23.1441	23
	56 1,2-Dichloroethane	62	5.179	5.184	(0.953)	161722	9.49092	9
	59 Methyl Cyclohexane	83	5.627	5.627	(1.035)	171202	8.89774	9
	60 Trichloroethene	130	5.638	5.638	(1.037)	103939	8.76224	9
	63 Dibromomethane	93	6.091	6.091	(1.121)	68706	9.06217	9
	64 1,2-Dichloropropane	63	6.214	6.214	(1.143)	117223	9.40507	9
	65 Bromodichloromethane	83	6.316	6.315	(1.162)	128838	8.74464	9
	66 Methyl Methacrylate	69	6.545	6.545	(1.204)	83990	8.18054	8(R)
	67 1,4-Dioxane	58	6.550	6.545	(1.205)	8442	66.9113	67
	69 2-Chloroethylvinylether	63	7.025	7.025	(1.293)	64446	7.64154	8
	70 cis-1,3-Dichloropropene	75	7.063	7.063	(1.299)	159515	8.94908	9
	71 Chloroacetonitrile	48	7.516	7.516	(1.383)	53907	136.440	140
	72 2-Nitropropane	41	7.602	7.602	(1.399)	76926	20.1705	20
	73 trans-1,3-Dichloropropene	75	7.863	7.869	(1.447)	157029	9.05424	9
	74 1,1,2-Trichloroethane	97	8.050	8.050	(1.481)	96947	9.15375	9
*	75 Chlorobenzene-d5	117	9.198	9.192	(1.000)	883661	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	454525	8.77126	9
$	77 Toluene-d8	98	7.287	7.287	(0.792)	1032129	23.3581	23
	78 1,1-Dichloro-2-propanone	43	7.628	7.628	(0.829)	341087	63.0579	63
	79 4-Methyl-2-Pentanone	43	7.837	7.831	(0.852)	135443	9.78819	10
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	84064	8.64349	9
	81 Ethyl Methacrylate	69	8.125	8.125	(0.883)	107318	7.69908	8
	82 Dibromochloromethane	129	8.258	8.258	(0.898)	96419	8.20838	8
	83 1,3-Dichloropropane	76	8.376	8.376	(0.911)	167550	9.06038	9
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	97721	8.58457	8

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
86	2-Hexanone	43	8.893	8.893	(0.967)	103042	9.64212	10
87	1-Chlorohexane	91	9.246	9.251	(1.005)	84186	6.08980	6(H)
88	Chlorobenzene	112	9.214	9.213	(1.002)	281724	8.65293	9
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	90850	8.55886	8
90	Ethylbenzene	106	9.283	9.283	(1.009)	151968	8.35759	8
91	Xylene (total)mp	106	9.464	9.459	(1.029)	358961	16.6731	17
92	Xylene (total)o	106	9.918	9.918	(1.078)	157754	7.57963	8
93	Styrene	104	9.971	9.971	(1.084)	251151	7.49514	7
94	Bromoform	173	9.966	9.966	(1.084)	65499	8.83710	9
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	516814	25.0000	
96	Isopropylbenzene	105	10.244	10.243	(0.895)	398946	7.75024	8
97	Bromobenzene	156	10.564	10.564	(0.923)	118391	8.14166	8
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	138199	9.49473	9
99	4-Ethyltoluene	105	10.735	10.734	(0.938)	430021	8.03848	8
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	38347	8.66297	9
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	92978	20.3103	20(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	526921	8.37052	8
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	379998	8.40286	8
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	337699	8.25587	8
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	376375	8.09671	8
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	305037	7.87635	8
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	375998	7.87953	8
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	468782	8.46824	8
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	366581	7.79240	8
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	231962	8.47977	8
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	237369	8.40285	8
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	225392	8.34672	8
113	Benzyl Chloride	126	11.663	11.663	(1.019)	43597	9.09036	9
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	189378	7.40279	7
115	n-Butylbenzene	91	11.690	11.690	(1.021)	382112	8.27798	8
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	318447	6.58928	6
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	27800	8.62009	9
120	Nitrobenzene	77	12.789	12.789	(1.117)	79659	98.6577	99
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	167838	7.54257	8
122	Hexachlorobutadiene	225	12.875	12.875	(1.124)	67301	7.64125	8
123	Naphthalene	128	13.109	13.109	(1.145)	453972	6.96691	7
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	170453	7.63194	8
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	358396	19.8798	20
M 126	1,2-Dichloroethene (total)	100				195309	17.6709	18
M 127	Xylene (total)	100				516715	24.2527	24

QC Flag Legend

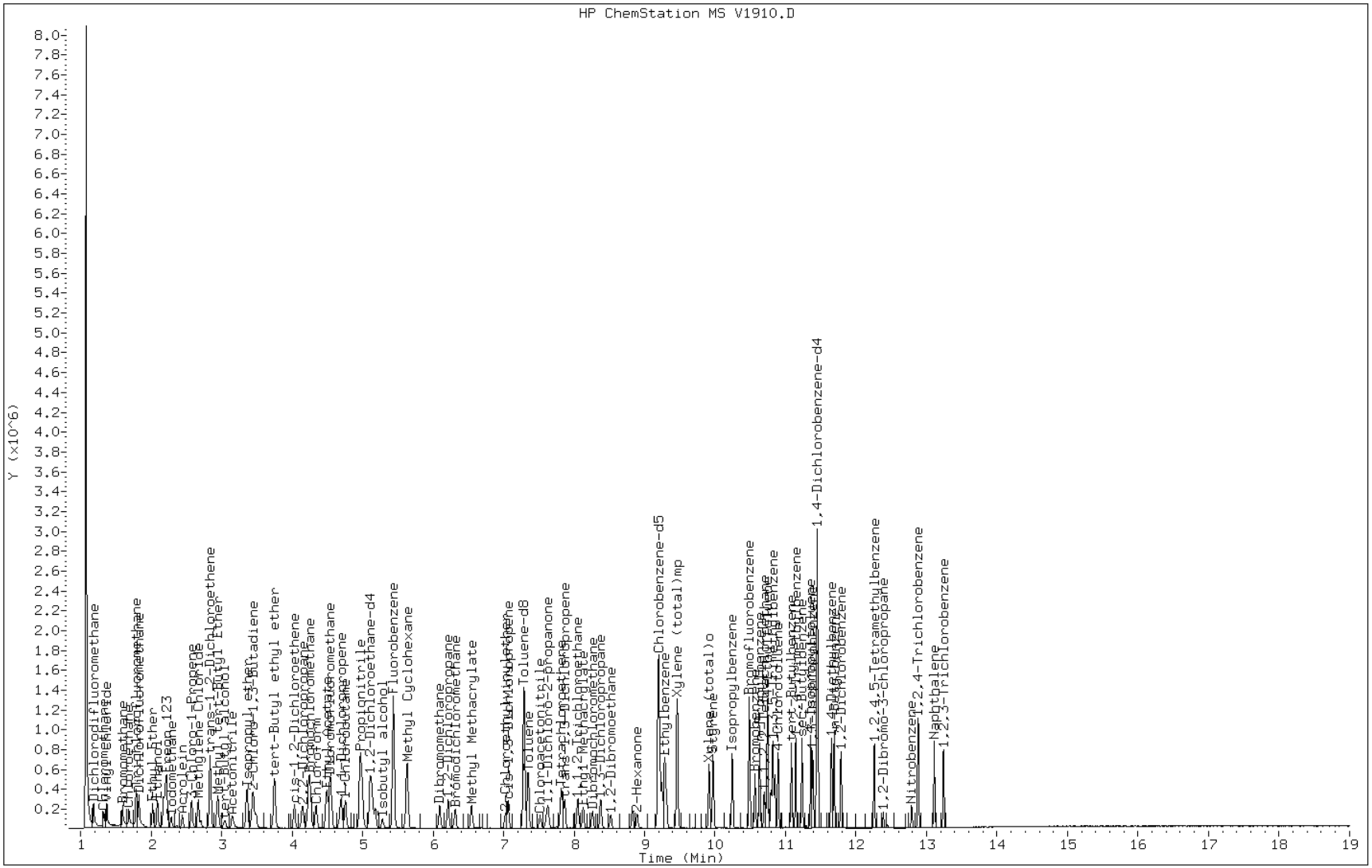
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: V1910.D

Date: 07-MAY-2010 10:17

Client ID: LCS Instrument: msv.i

Sample Info: LCS Operator: B.KOSTRZEWSKA



Manual Integration Report

Data File: V1910.D
Inj. Date and Time: 07-MAY-2010 10:17
Instrument ID: msv.i
Client ID: LCS
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/07/2010

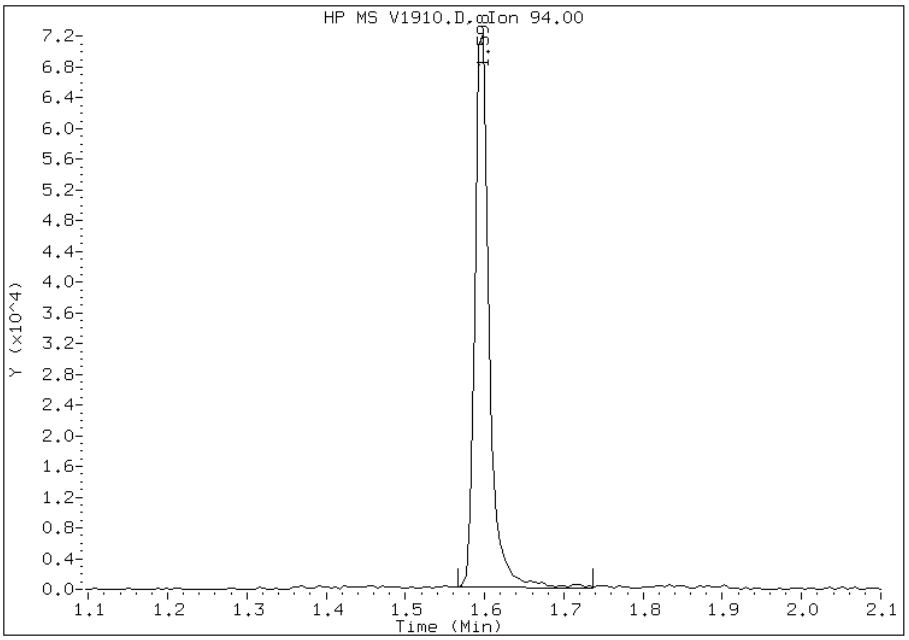
Processing Integration Results

RT: 1.60

Response: 89961

Amount: 12

Conc: 12



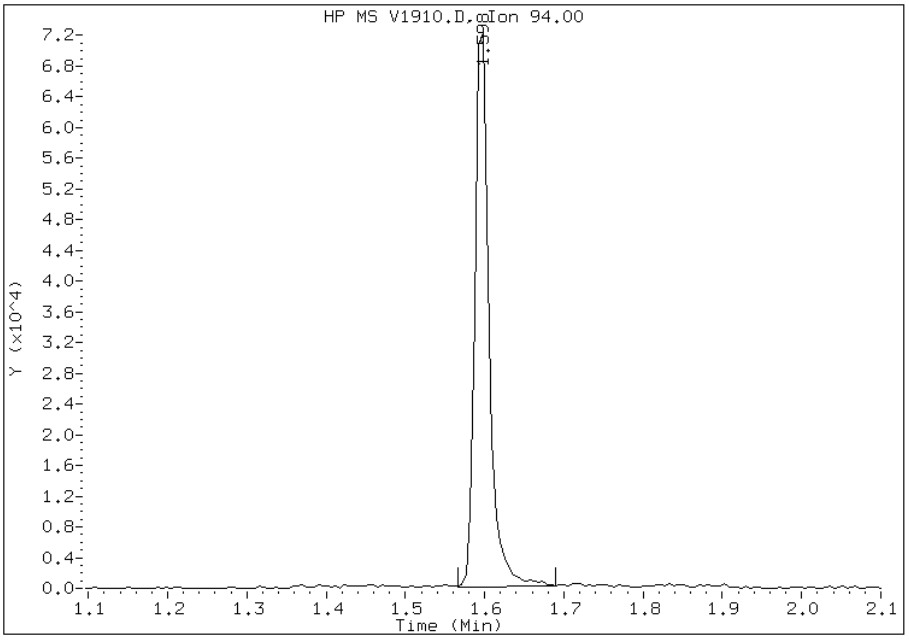
Manual Integration Results

RT: 1.60

Response: 88835

Amount: 12

Conc: 12



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: V1910.D
Inj. Date and Time: 07-MAY-2010 10:17
Instrument ID: msv.i
Client ID: LCS
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/07/2010

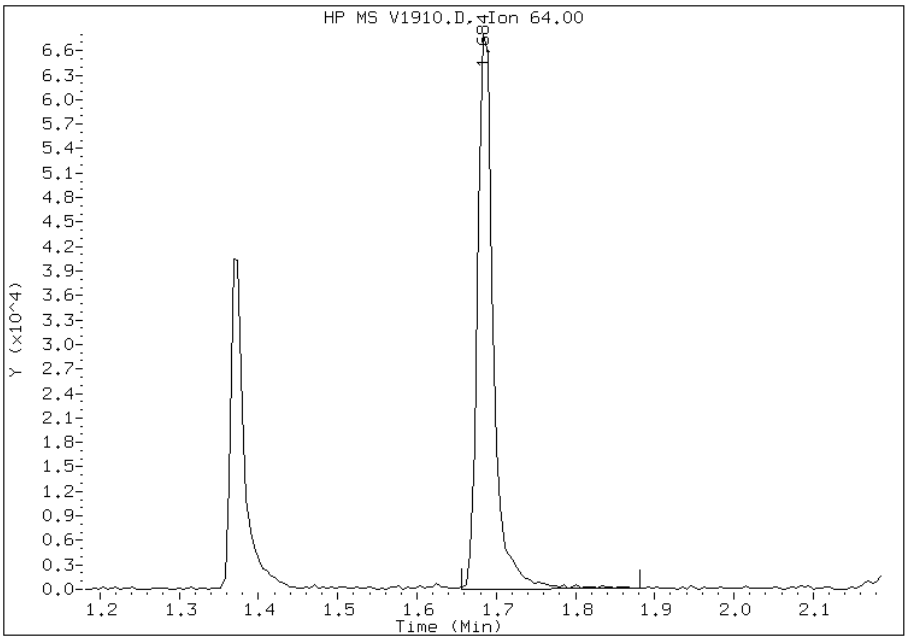
Processing Integration Results

RT: 1.68

Response: 94111

Amount: 17

Conc: 17



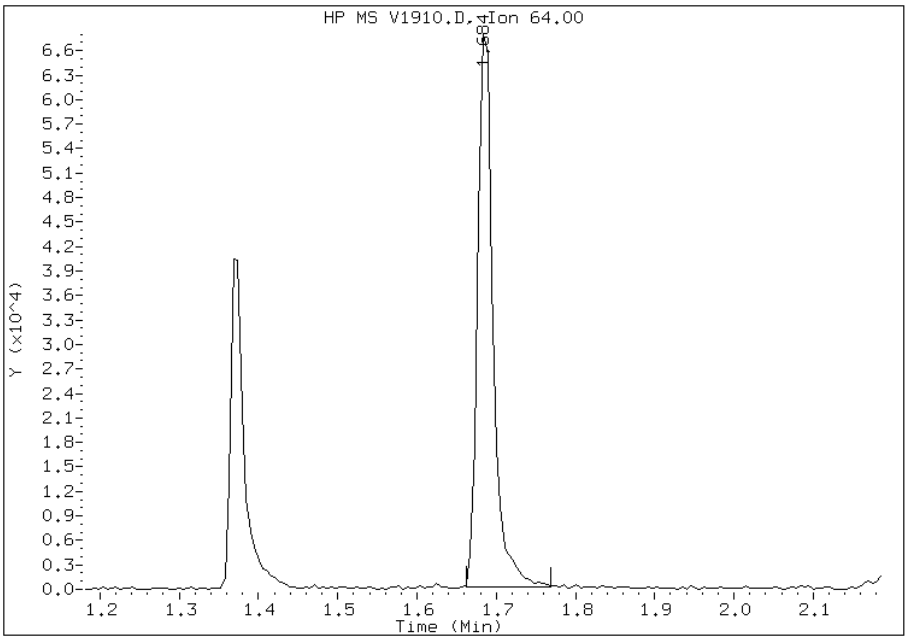
Manual Integration Results

RT: 1.68

Response: 90958

Amount: 16

Conc: 16



Manually Integrated By: barbara
Manual Integration Reason: Incorrect peak integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MS Lab Sample ID: 220-12107-7 MS

Matrix: Water Lab File ID: V1882.D

Analysis Method: 8260B Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 16:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	18.4		10	1.0
71-43-2	Benzene	23.0		5.0	0.74
75-27-4	Bromodichloromethane	20.8		5.0	0.48
75-25-2	Bromoform	20.5		5.0	0.46
74-83-9	Bromomethane	22.0		5.0	2.1
78-93-3	Methyl Ethyl Ketone	20.8		10	1.1
75-15-0	Carbon disulfide	22.9		5.0	0.90
56-23-5	Carbon tetrachloride	22.5		5.0	1.1
108-90-7	Chlorobenzene	20.2		5.0	0.72
75-00-3	Chloroethane	28.6		5.0	1.1
67-66-3	Chloroform	21.7		5.0	0.67
74-87-3	Chloromethane	21.4		5.0	1.1
124-48-1	Dibromochloromethane	19.7		5.0	0.55
75-34-3	1,1-Dichloroethane	23.2		5.0	1.0
107-06-2	1,2-Dichloroethane	21.5		5.0	0.72
75-35-4	1,1-Dichloroethene	22.7		5.0	0.83
78-87-5	1,2-Dichloropropane	22.6		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	20.8		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	21.7		5.0	0.57
100-41-4	Ethylbenzene	20.8		5.0	0.87
591-78-6	2-Hexanone	20.0		10	1.1
75-09-2	Methylene Chloride	20.4		5.0	0.78
108-10-1	methyl isobutyl ketone	21.6		10	0.38
100-42-5	Styrene	19.2		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	20.7		5.0	0.81
127-18-4	Tetrachloroethene	22.5		5.0	0.81
108-88-3	Toluene	21.0		5.0	0.72
71-55-6	1,1,1-Trichloroethane	22.5		5.0	0.69
79-00-5	1,1,2-Trichloroethane	21.0		5.0	0.65
79-01-6	Trichloroethene	21.3		5.0	0.62
75-01-4	Vinyl chloride	22.9		5.0	0.99
1330-20-7	Xylenes, Total	61.2		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	21.0		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	21.9		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MS Lab Sample ID: 220-12107-7 MS

Matrix: Water Lab File ID: V1882.D

Analysis Method: 8260B Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 16:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95	65-136	
460-00-4	4-Bromofluorobenzene	81	51-142	
1868-53-7	Dibromofluoromethane	93	68-132	
2037-26-5	Toluene-d8 (Surr)	95	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1882.D
Lab Smp Id: 220-12107-d-7 ms Client Smp ID: ms
Inj Date : 06-MAY-2010 16:34 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-7 ms
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 15 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	5.440	5.440	(1.000)	1259654	25.0000	
2	Dichlorodifluoromethane	85	1.187	1.187	(0.218)	248615	24.5939	24
3	Chloromethane	50	1.325	1.326	(0.244)	257066	21.4244	21
4	Vinyl Chloride	62	1.368	1.374	(0.252)	295829	22.9026	23
5	Bromomethane	94	1.592	1.598	(0.293)	171783	22.0040	22
6	Chloroethane	64	1.683	1.689	(0.309)	167132	28.5706	28
7	Trichlorofluoromethane	101	1.790	1.790	(0.329)	387992	24.3818	24
8	Dichlorofluoromethane	67	1.827	1.827	(0.336)	563203	30.2545	30
9	Ethyl Ether	45	2.019	2.025	(0.371)	183911	24.3766	24
10	Ethanol	45	2.089	2.089	(0.384)	119716	254.772	250
12	Freon 123	67	2.217	2.222	(0.408)	57030	23.2242	23
13	Trichlorotrifluoroethane	101	2.211	2.217	(0.407)	238655	23.8912	24
14	1,1-Dichloroethene	96	2.174	2.179	(0.400)	203242	22.6911	23
15	Carbon Disulfide	76	2.195	2.201	(0.404)	683041	22.8851	23
16	Iodomethane	142	2.286	2.292	(0.420)	261622	19.3699	19
17	Acrolein	56	2.441	2.446	(0.449)	200305	75.5570	76
18	2-Propanol	45	2.601	2.606	(0.478)	43313	23.7808	24
19	3-Chloro-1-Propene	41	2.574	2.580	(0.473)	415110	23.7525	24
20	Methylene Chloride	84	2.665	2.670	(0.490)	249191	20.3772	20
21	Acetone	43	2.708	2.713	(0.498)	100133	18.3602	18
22	trans-1,2-Dichloroethene	96	2.830	2.836	(0.520)	240772	21.9387	22
23	Methyl Acetate	43	2.841	2.841	(0.522)	1436355	25.3938	25(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.948	(0.541)	765476	20.9481	21
	25 tert-Butyl alcohol	59	3.044	3.049	(0.560)	171818	114.332	110
	26 Acetonitrile	41	3.151	3.156	(0.579)	318343	204.420	200
	27 Isopropyl ether	45	3.359	3.364	(0.617)	884845	22.5540	22
	28 tert-Butyl ethyl ether	59	3.748	3.754	(0.689)	825824	22.1468	22
	29 2-Chloro-1,3-Butadiene	88	3.439	3.439	(0.632)	215581	20.5654	20
	30 Acrylonitrile	53	3.487	3.492	(0.641)	243787	48.8443	49
	31 1,1-Dichloroethane	63	3.455	3.460	(0.635)	485529	23.2472	23
	32 Vinyl Acetate	43	3.748	3.749	(0.689)	512729	16.1164	16
	33 cis-1,2-Dichloroethene	96	4.037	4.037	(0.742)	255532	20.9764	21
	34 2,2-Dichloropropane	77	4.143	4.154	(0.762)	369467	25.1274	25
	35 Bromochloromethane	128	4.239	4.240	(0.779)	124250	20.3855	20
	37 Cyclohexane	84	4.255	4.261	(0.782)	357660	22.3078	22
	38 Chloroform	83	4.341	4.346	(0.798)	436086	21.6911	22
	39 Ethyl Acetate	43	4.496	4.501	(0.826)	79002	35.0252	35(R)
	40 Methyl Acrylate	55	4.496	4.501	(0.826)	280776	22.3723	22
$	41 Dibromofluoromethane	111	4.533	4.538	(0.833)	268723	23.1511	23
	42 Tetrahydrofuran	42	4.496	4.501	(0.826)	230511	45.1236	45
	43 Carbon Tetrachloride	117	4.485	4.490	(0.824)	326965	22.5432	22
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.837)	389831	22.5100	22
	45 2-Butanone	43	4.672	4.672	(0.859)	153178	20.8368	21
	46 1,1-Dichloropropene	75	4.693	4.699	(0.863)	360003	22.3936	22
	47 tert-Amyl methyl ether	73	5.136	5.136	(0.944)	711426	21.8820	22
	49 1-Chlorobutane	56	4.757	4.763	(0.874)	549577	24.2391	24
	50 Heptane	43	4.987	4.987	(0.917)	359967	24.4251	24
	51 Propionitrile	54	4.965	4.971	(0.913)	502120	245.393	240
	52 Benzene	78	4.960	4.965	(0.912)	1085511	22.9793	23
	53 2-Methyl-2-Propenenitrile	41	4.992	4.997	(0.918)	427523	23.2281	23
	54 Isobutyl alcohol	42	5.280	5.286	(0.971)	63704	166.824	170
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.938)	361539	23.6957	24
	56 1,2-Dichloroethane	62	5.184	5.184	(0.953)	383674	21.5230	22
	59 Methyl Cyclohexane	83	5.627	5.627	(1.034)	443072	22.0113	22
	60 Trichloroethene	130	5.638	5.638	(1.036)	264125	21.2837	21
	63 Dibromomethane	93	6.097	6.097	(1.121)	162741	20.5180	20
	64 1,2-Dichloropropane	63	6.214	6.220	(1.142)	294412	22.5790	22
	65 Bromodichloromethane	83	6.315	6.316	(1.161)	320919	20.8206	21
	66 Methyl Methacrylate	69	6.545	6.545	(1.203)	211905	19.7286	20
	67 1,4-Dioxane	58	6.545	6.550	(1.203)	19878	174.144	170
	70 cis-1,3-Dichloropropene	75	7.063	7.068	(1.298)	388204	20.8179	21
	71 Chloroacetonitrile	48	7.522	7.522	(1.383)	117149	283.423	280
	72 2-Nitropropane	41	7.602	7.607	(1.397)	180458	45.2293	45
	73 trans-1,3-Dichloropropene	75	7.868	7.869	(1.446)	393801	21.7045	22
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.481)	232165	20.9538	21
*	75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	932470	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	1146728	20.9708	21
$	77 Toluene-d8	98	7.292	7.292	(0.793)	1105153	23.7016	24
	78 1,1-Dichloro-2-propanone	43	7.628	7.634	(0.829)	798411	139.879	140(R)
	79 4-Methyl-2-Pentanone	43	7.831	7.837	(0.851)	315067	21.5774	22
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	231242	22.5318	22
	81 Ethyl Methacrylate	69	8.130	8.130	(0.884)	277256	18.8494	19
	82 Dibromochloromethane	129	8.263	8.264	(0.898)	244057	19.6896	20
	83 1,3-Dichloropropane	76	8.375	8.381	(0.911)	402463	20.6243	21
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	235772	19.6279	20
	86 2-Hexanone	43	8.893	8.893	(0.967)	226069	20.0470	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
87	1-Chlorohexane	91	9.251	9.251	(1.006)	331001	22.6905	23
88	Chlorobenzene	112	9.213	9.214	(1.002)	694283	20.2082	20
89	1,1,1,2-Tetrachloroethane	131	9.309	9.310	(1.012)	229183	20.4609	20
90	Ethylbenzene	106	9.283	9.288	(1.009)	398381	20.7624	21
91	Xylene (total)mp	106	9.464	9.464	(1.029)	950897	41.8555	42
92	Xylene (total)o	106	9.918	9.918	(1.078)	423809	19.2970	19
93	Styrene	104	9.971	9.971	(1.084)	678536	19.1897	19
94	Bromoform	173	9.966	9.966	(1.084)	160087	20.4683	20
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	552570	25.0000	
96	Isopropylbenzene	105	10.243	10.244	(0.895)	1105787	20.0918	20
97	Bromobenzene	156	10.569	10.569	(0.923)	298051	19.1704	19
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	321933	20.6866	21
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	1163665	20.3451	20
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	92742	19.5956	20
101	trans-1,4-Dichloro-2-Butene	53	10.846	10.847	(0.947)	224616	45.8907	46(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	1393721	20.7076	21
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	984103	20.3532	20
104	4-Chlorotoluene	91	10.894	10.895	(0.952)	878194	20.0803	20
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	1003325	20.1872	20
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	803506	19.4048	19
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	1020235	19.9969	20
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	1226796	20.7273	21
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	985193	19.5871	20
110	1,3-Dichlorobenzene	146	11.385	11.386	(0.994)	583753	19.9592	20
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	592990	19.6335	20
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	557241	19.3005	19
113	Benzyl Chloride	126	11.663	11.663	(1.019)	113993	20.2319	20
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	509353	18.6222	19
115	n-Butylbenzene	91	11.690	11.690	(1.021)	993350	20.1272	20
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	910016	17.6115	18
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	66383	19.2518	19
120	Nitrobenzene	77	12.789	12.789	(1.117)	184276	213.458	210
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	419728	17.6418	18
122	Hexachlorobutadiene	225	12.880	12.880	(1.125)	160277	17.0201	17
123	Naphthalene	128	13.109	13.109	(1.145)	1156853	16.6049	17
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	420543	17.6112	18
$ 125	Bromofluorobenzene	95	10.489	10.484	(0.916)	391673	20.3198	20
M 126	1,2-Dichloroethene (total)	100				496304	42.9151	43
M 127	Xylene (total)	100				1374706	61.1524	61

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V1882.D

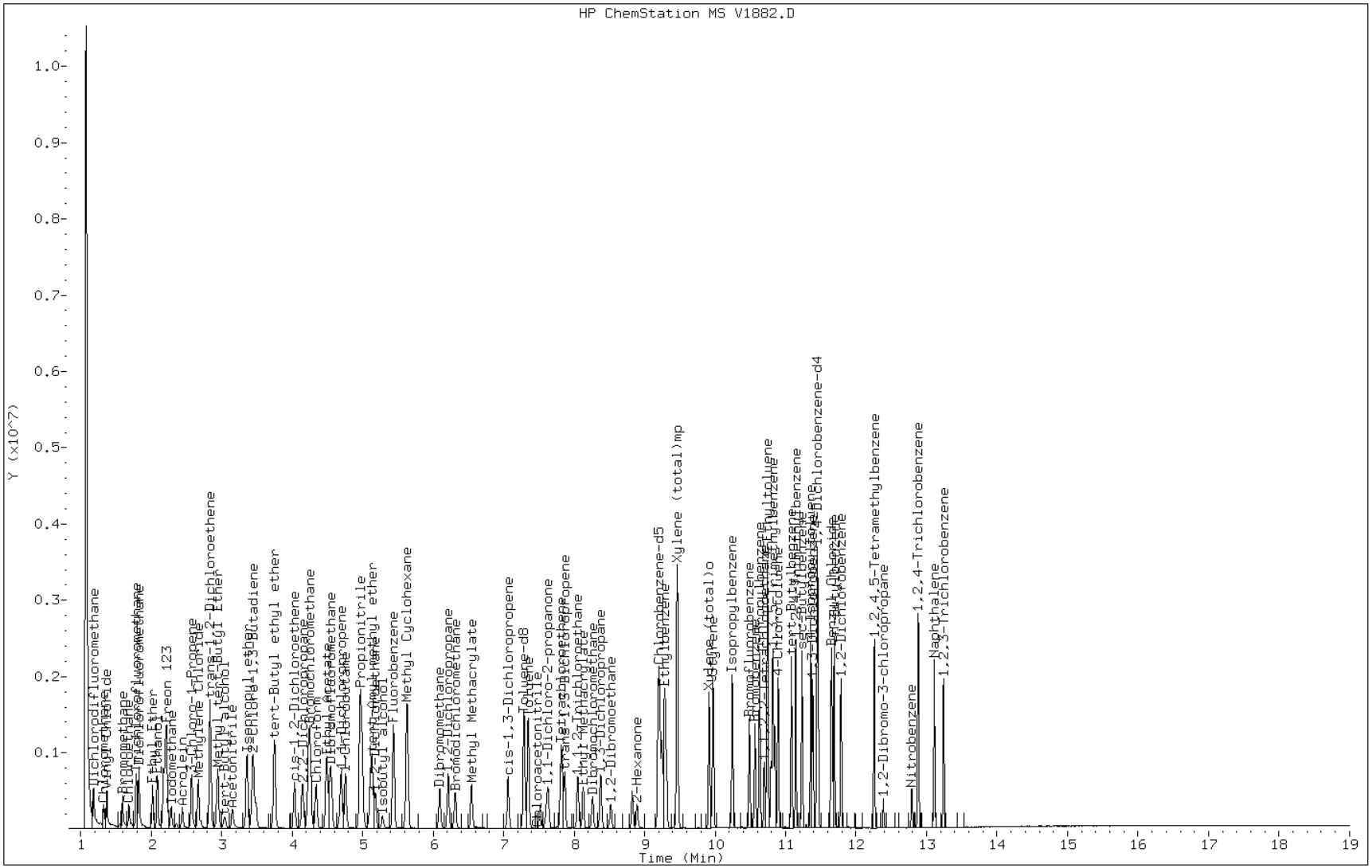
Date: 06-MAY-2010 16:34

Client ID: ms

Instrument: msv.i

Sample Info: 220-12107-d-7 ms

Operator: B.KOSTRZEWSKA



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MSD | Lab Sample ID: 220-12107-7 MSD

Matrix: Water | Lab File ID: V1883.D

Analysis Method: 8260B | Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/06/2010 17:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 38243 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	18.0		10	1.0
71-43-2	Benzene	23.2		5.0	0.74
75-27-4	Bromodichloromethane	21.1		5.0	0.48
75-25-2	Bromoform	20.9		5.0	0.46
74-83-9	Bromomethane	24.1		5.0	2.1
78-93-3	Methyl Ethyl Ketone	20.9		10	1.1
75-15-0	Carbon disulfide	23.5		5.0	0.90
56-23-5	Carbon tetrachloride	22.9		5.0	1.1
108-90-7	Chlorobenzene	20.3		5.0	0.72
75-00-3	Chloroethane	32.9		5.0	1.1
67-66-3	Chloroform	22.4		5.0	0.67
74-87-3	Chloromethane	24.0		5.0	1.1
124-48-1	Dibromochloromethane	19.9		5.0	0.55
75-34-3	1,1-Dichloroethane	23.8		5.0	1.0
107-06-2	1,2-Dichloroethane	21.9		5.0	0.72
75-35-4	1,1-Dichloroethene	22.7		5.0	0.83
78-87-5	1,2-Dichloropropane	22.7		5.0	0.71
10061-01-5	cis-1,3-Dichloropropene	21.1		5.0	0.28
10061-02-6	trans-1,3-Dichloropropene	22.1		5.0	0.57
100-41-4	Ethylbenzene	20.7		5.0	0.87
591-78-6	2-Hexanone	20.2		10	1.1
75-09-2	Methylene Chloride	20.9		5.0	0.78
108-10-1	methyl isobutyl ketone	21.6		10	0.38
100-42-5	Styrene	19.7		5.0	0.64
79-34-5	1,1,2,2-Tetrachloroethane	20.8		5.0	0.81
127-18-4	Tetrachloroethene	22.4		5.0	0.81
108-88-3	Toluene	21.1		5.0	0.72
71-55-6	1,1,1-Trichloroethane	23.3		5.0	0.69
79-00-5	1,1,2-Trichloroethane	21.3		5.0	0.65
79-01-6	Trichloroethene	21.5		5.0	0.62
75-01-4	Vinyl chloride	25.7		5.0	0.99
1330-20-7	Xylenes, Total	61.6		5.0	2.3
156-59-2	cis-1,2-Dichloroethene	21.3		5.0	0.99
156-60-5	trans-1,2-Dichloroethene	22.6		5.0	0.76

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MSD Lab Sample ID: 220-12107-7 MSD

Matrix: Water Lab File ID: V1883.D

Analysis Method: 8260B Date Collected: 04/30/2010 13:00

Sample wt/vol: 5(mL) Date Analyzed: 05/06/2010 17:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 38243 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93	65-136	
460-00-4	4-Bromofluorobenzene	82	51-142	
1868-53-7	Dibromofluoromethane	90	68-132	
2037-26-5	Toluene-d8 (Surr)	92	63-127	

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V1883.D
Lab Smp Id: 220-12107-d-7 msd Client Smp ID: msd
Inj Date : 06-MAY-2010 17:01 MS Autotune Date: 17-AUG-2009 10:58
Operator : B.KOSTRZEWSKA Inst ID: msv.i
Smp Info : 220-12107-d-7 msd
Misc Info : : ;;; ; 8260 ; 1; LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msv.i\V101867.b\V8260LOW.m
Meth Date : 06-May-2010 10:25 barbara Quant Type: ISTD
Cal Date : 23-APR-2010 17:19 Cal File: V1629.D
Als bottle: 16 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1004

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	5.435	5.440	(1.000)	1317571	25.0000	
2	Dichlorodifluoromethane	85	1.181	1.187	(0.217)	289252	27.3560	27
3	Chloromethane	50	1.325	1.326	(0.244)	300973	23.9811	24
4	Vinyl Chloride	62	1.368	1.374	(0.252)	347269	25.7033	26
5	Bromomethane	94	1.592	1.598	(0.293)	197081	24.1348	24
6	Chloroethane	64	1.683	1.689	(0.310)	201226	32.8867	33(R)
7	Trichlorofluoromethane	101	1.784	1.790	(0.328)	463948	27.8734	28
8	Dichlorofluoromethane	67	1.822	1.827	(0.335)	607317	31.1902	31
9	Ethyl Ether	45	2.019	2.025	(0.372)	194372	24.6307	25
10	Ethanol	45	2.089	2.089	(0.384)	129703	263.893	260
12	Freon 123	67	2.217	2.222	(0.408)	61781	24.0530	24
13	Trichlorotrifluoroethane	101	2.211	2.217	(0.407)	257311	24.6265	25
14	1,1-Dichloroethene	96	2.174	2.179	(0.400)	212541	22.6862	23
15	Carbon Disulfide	76	2.195	2.201	(0.404)	734587	23.5303	24
16	Iodomethane	142	2.286	2.292	(0.421)	308649	21.9647	22
17	Acrolein	56	2.441	2.446	(0.449)	238802	86.1188	86
18	2-Propanol	45	2.601	2.606	(0.479)	44452	23.3333	23
19	3-Chloro-1-Propene	41	2.574	2.580	(0.474)	447796	24.4965	24
20	Methylene Chloride	84	2.665	2.670	(0.490)	266462	20.8746	21
21	Acetone	43	2.702	2.713	(0.497)	102731	17.9839	18
22	trans-1,2-Dichloroethene	96	2.825	2.836	(0.520)	259181	22.5780	22
23	Methyl Acetate	43	2.836	2.841	(0.522)	1506938	25.4705	25(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	24 Methyl tert-Butyl Ether	73	2.943	2.948	(0.541)	826919	21.6348	22
	25 tert-Butyl alcohol	59	3.039	3.049	(0.559)	180743	114.984	110
	26 Acetonitrile	41	3.151	3.156	(0.580)	377307	231.633	230
	27 Isopropyl ether	45	3.359	3.364	(0.618)	948305	23.1090	23
	28 tert-Butyl ethyl ether	59	3.748	3.754	(0.690)	895311	22.9548	23
	29 2-Chloro-1,3-Butadiene	88	3.434	3.439	(0.632)	230136	20.9888	21
	30 Acrylonitrile	53	3.487	3.492	(0.642)	280640	53.7564	54(R)
	31 1,1-Dichloroethane	63	3.455	3.460	(0.636)	519121	23.7630	24
	32 Vinyl Acetate	43	3.743	3.749	(0.689)	592131	17.7941	18
	33 cis-1,2-Dichloroethene	96	4.031	4.037	(0.742)	271915	21.3401	21
	34 2,2-Dichloropropane	77	4.143	4.154	(0.762)	387605	25.2022	25
	35 Bromochloromethane	128	4.239	4.240	(0.780)	134542	21.1038	21
	37 Cyclohexane	84	4.255	4.261	(0.783)	382810	22.8269	23
	38 Chloroform	83	4.341	4.346	(0.799)	470633	22.3805	22
	39 Ethyl Acetate	43	4.501	4.501	(0.828)	84817	36.0094	36(R)
	40 Methyl Acrylate	55	4.496	4.501	(0.827)	295299	22.4952	22
$	41 Dibromofluoromethane	111	4.533	4.538	(0.834)	273704	22.5437	22
	42 Tetrahydrofuran	42	4.496	4.501	(0.827)	241331	45.1650	45
	43 Carbon Tetrachloride	117	4.480	4.490	(0.824)	347228	22.8879	23
	44 1,1,1-Trichloroethane	97	4.554	4.554	(0.838)	421312	23.2584	23
	45 2-Butanone	43	4.666	4.672	(0.859)	160797	20.9117	21
	46 1,1-Dichloropropene	75	4.693	4.699	(0.864)	379443	22.5653	22
	47 tert-Amyl methyl ether	73	5.131	5.136	(0.944)	754224	22.1786	22
	49 1-Chlorobutane	56	4.757	4.763	(0.875)	583095	24.5870	24
	50 Heptane	43	4.987	4.987	(0.918)	376353	24.4144	24
	51 Propionitrile	54	4.965	4.971	(0.914)	520706	243.291	240
	52 Benzene	78	4.960	4.965	(0.913)	1147251	23.2187	23
	53 2-Methyl-2-Propenenitrile	41	4.992	4.997	(0.919)	453454	23.5540	24
	54 Isobutyl alcohol	42	5.280	5.286	(0.972)	75341	188.625	190
$	55 1,2-Dichloroethane-d4	65	5.104	5.109	(0.939)	370358	23.2067	23
	56 1,2-Dichloroethane	62	5.179	5.184	(0.953)	408524	21.9096	22
	59 Methyl Cyclohexane	83	5.622	5.627	(1.034)	467125	22.1861	22
	60 Trichloroethene	130	5.638	5.638	(1.037)	279042	21.4973	21
	63 Dibromomethane	93	6.097	6.097	(1.122)	174543	21.0386	21
	64 1,2-Dichloropropane	63	6.214	6.220	(1.143)	309217	22.6720	23
	65 Bromodichloromethane	83	6.310	6.316	(1.161)	340056	21.0924	21
	66 Methyl Methacrylate	69	6.545	6.545	(1.204)	224657	19.9964	20
	67 1,4-Dioxane	58	6.550	6.550	(1.205)	20848	174.664	170
	70 cis-1,3-Dichloropropene	75	7.063	7.068	(1.299)	411569	21.1007	21
	71 Chloroacetonitrile	48	7.516	7.522	(1.383)	122749	283.917	280
	72 2-Nitropropane	41	7.602	7.607	(1.399)	189758	45.4696	45
	73 trans-1,3-Dichloropropene	75	7.863	7.869	(1.447)	419782	22.1194	22
	74 1,1,2-Trichloroethane	97	8.055	8.055	(1.482)	246423	21.2630	21
*	75 Chlorobenzene-d5	117	9.197	9.198	(1.000)	981799	25.0000	
	76 Toluene	91	7.351	7.351	(0.799)	1213659	21.0797	21
$	77 Toluene-d8	98	7.287	7.292	(0.792)	1129082	22.9981	23
	78 1,1-Dichloro-2-propanone	43	7.628	7.634	(0.829)	835547	139.030	140(R)
	79 4-Methyl-2-Pentanone	43	7.831	7.837	(0.851)	331824	21.5832	22
	80 Tetrachloroethene	164	7.815	7.815	(0.850)	242484	22.4401	22
	81 Ethyl Methacrylate	69	8.125	8.130	(0.883)	295143	19.0573	19
	82 Dibromochloromethane	129	8.263	8.264	(0.898)	259261	19.8653	20
	83 1,3-Dichloropropane	76	8.376	8.381	(0.911)	425456	20.7071	21
	84 1,2-Dibromoethane	107	8.520	8.520	(0.926)	251530	19.8877	20
	86 2-Hexanone	43	8.893	8.893	(0.967)	240398	20.2466	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
87	1-Chlorohexane	91	9.245	9.251	(1.005)	238281	15.5137	16
88	Chlorobenzene	112	9.213	9.214	(1.002)	734817	20.3134	20
89	1,1,1,2-Tetrachloroethane	131	9.310	9.310	(1.012)	244302	20.7148	21
90	Ethylbenzene	106	9.283	9.288	(1.009)	417707	20.6759	21
91	Xylene (total)mp	106	9.464	9.464	(1.029)	996271	41.6494	42
92	Xylene (total)o	106	9.918	9.918	(1.078)	463301	20.0352	20
93	Styrene	104	9.971	9.971	(1.084)	731770	19.6554	20
94	Bromoform	173	9.966	9.966	(1.084)	171810	20.8635	21
* 95	1,4-Dichlorobenzene-d4	152	11.450	11.450	(1.000)	574896	25.0000	
96	Isopropylbenzene	105	10.243	10.244	(0.895)	1162675	20.3051	20
97	Bromobenzene	156	10.564	10.569	(0.923)	316520	19.5677	20
98	1,1,2,2-Tetrachloroethane	83	10.697	10.697	(0.934)	337432	20.8405	21
99	4-Ethyltoluene	105	10.740	10.740	(0.938)	1241234	20.8585	21
100	1,2,3-Trichloropropane	110	10.793	10.793	(0.943)	95279	19.3498	19
101	trans-1,4-Dichloro-2-Butene	53	10.847	10.847	(0.947)	232509	45.6585	46(M)
102	n-Propylbenzene	91	10.633	10.633	(0.929)	1496584	21.3724	21
103	2-Chlorotoluene	91	10.745	10.745	(0.938)	1036851	20.6114	21
104	4-Chlorotoluene	91	10.895	10.895	(0.952)	936709	20.5865	20
105	1,3,5-Trimethylbenzene	105	10.820	10.820	(0.945)	1057804	20.4568	20
106	tert-Butylbenzene	119	11.081	11.081	(0.968)	860960	19.9848	20
107	1,2,4-Trimethylbenzene	105	11.145	11.145	(0.973)	1080009	20.3464	20
108	sec-Butylbenzene	105	11.231	11.231	(0.981)	1312759	21.3183	21
109	4-Isopropyltoluene	119	11.359	11.359	(0.992)	1052044	20.1039	20
110	1,3-Dichlorobenzene	146	11.386	11.386	(0.994)	622932	20.4716	20
111	1,4-Dichlorobenzene	146	11.460	11.460	(1.001)	631692	20.1026	20
112	1,2-Dichlorobenzene	146	11.786	11.786	(1.029)	601336	20.0189	20
113	Benzyl Chloride	126	11.663	11.663	(1.019)	118056	20.1457	20
114	1,4-Diethylbenzene	119	11.647	11.647	(1.017)	548612	19.2786	19
115	n-Butylbenzene	91	11.690	11.690	(1.021)	1052325	20.4941	20
118	1,2,4,5-Tetramethylbenzene	119	12.261	12.261	(1.071)	993949	18.4889	18
119	1,2-Dibromo-3-chloropropane	75	12.389	12.389	(1.082)	69698	19.4282	19
120	Nitrobenzene	77	12.789	12.789	(1.117)	199814	222.468	220
121	1,2,4-Trichlorobenzene	180	12.885	12.885	(1.125)	451653	18.2465	18
122	Hexachlorobutadiene	225	12.875	12.880	(1.124)	178864	18.2562	18
123	Naphthalene	128	13.109	13.109	(1.145)	1217033	16.7903	17
124	1,2,3-Trichlorobenzene	180	13.243	13.243	(1.157)	449428	18.0899	18
$ 125	Bromofluorobenzene	95	10.484	10.484	(0.916)	409098	20.3995	20
M 126	1,2-Dichloroethene (total)	100				531096	43.9181	44
M 127	Xylene (total)	100				1459572	61.6846	62

QC Flag Legend

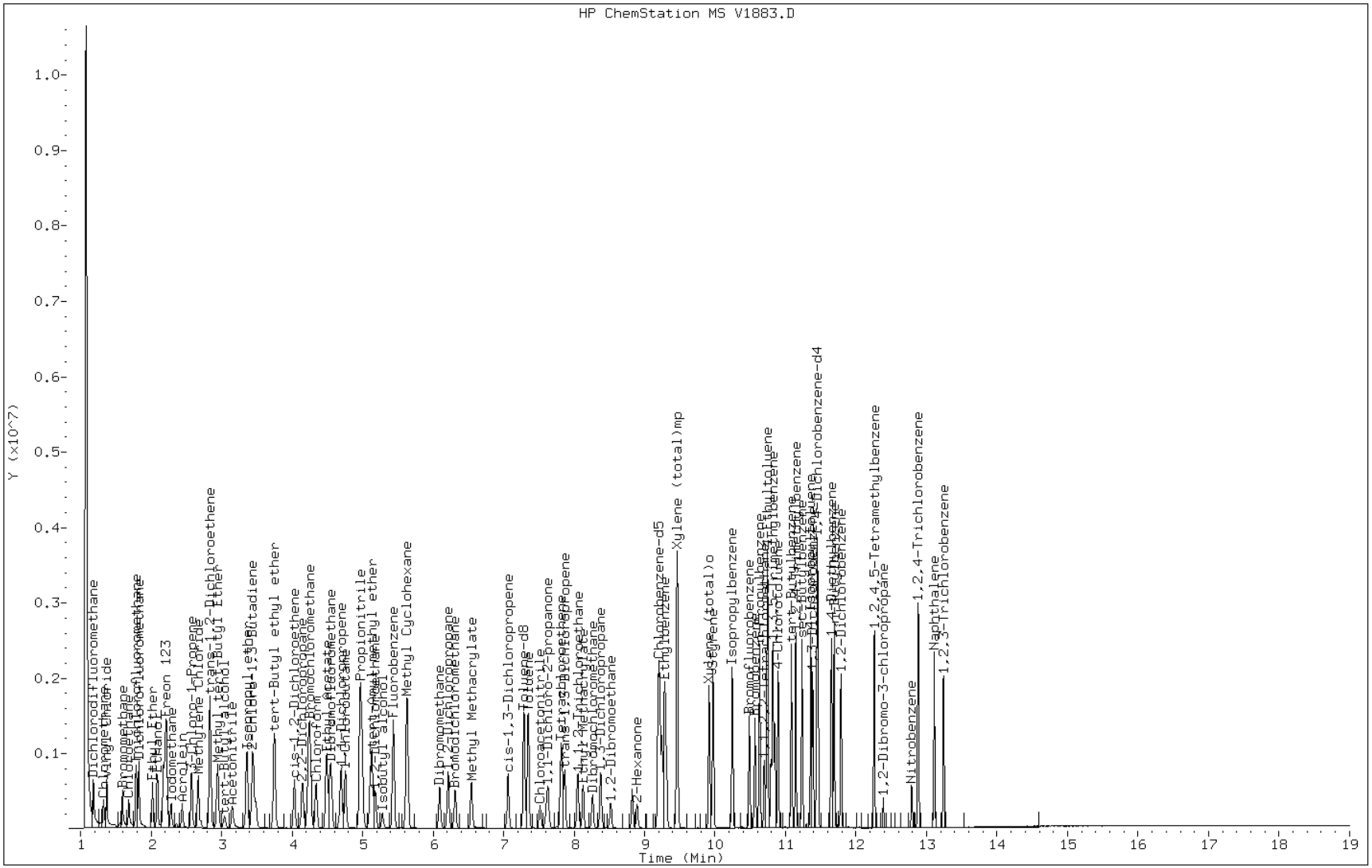
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: V1883.D

Date: 06-MAY-2010 17:01

Client ID: msd Instrument: msv.i

Sample Info: 220-12107-d-7 msd Operator: B.KOSTRZEWSKA



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSV Start Date: 04/23/2010 14:43

Analysis Batch Number: 37883 End Date: 04/23/2010 17:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-37883/7		04/23/2010 14:43	1	VB022.D	RTX-VMS 0.18(mm)
IC 220-37883/1		04/23/2010 15:03	1	V1624.D	RTX-VMS 0.18(mm)
IC 220-37883/2		04/23/2010 15:30	1	V1625.D	RTX-VMS 0.18(mm)
ICIS 220-37883/3		04/23/2010 15:58	1	V1626.D	RTX-VMS 0.18(mm)
IC 220-37883/4		04/23/2010 16:25	1	V1627.D	RTX-VMS 0.18(mm)
IC 220-37883/5		04/23/2010 16:52	1	V1628.D	RTX-VMS 0.18(mm)
IC 220-37883/6		04/23/2010 17:19	1	V1629.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSV Start Date: 05/06/2010 09:55

Analysis Batch Number: 38243 End Date: 05/06/2010 21:34

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-38243/11		05/06/2010 09:55	1	VB032.D	RTX-VMS 0.18(mm)
CCVIS 220-38243/1		05/06/2010 10:04	1	V1868.D	RTX-VMS 0.18(mm)
MB 220-38243/2		05/06/2010 11:34	1	V1871.D	RTX-VMS 0.18(mm)
LCS 220-38243/3		05/06/2010 12:02	1	V1872.D	RTX-VMS 0.18(mm)
220-12107-12	TRIP BLANK	05/06/2010 14:18	1	V1877.D	RTX-VMS 0.18(mm)
ZZZZZ		05/06/2010 14:45	1		RTX-VMS 0.18(mm)
ZZZZZ		05/06/2010 15:12	1		RTX-VMS 0.18(mm)
220-12107-7	MW-10	05/06/2010 15:40	1	V1880.D	RTX-VMS 0.18(mm)
220-12107-1	MW-5	05/06/2010 16:07	1	V1881.D	RTX-VMS 0.18(mm)
220-12107-7 MS	MW-10 MS	05/06/2010 16:34	1	V1882.D	RTX-VMS 0.18(mm)
220-12107-7 MSD	MW-10 MSD	05/06/2010 17:01	1	V1883.D	RTX-VMS 0.18(mm)
220-12107-2	MW-6	05/06/2010 18:23	1	V1886.D	RTX-VMS 0.18(mm)
220-12107-3	MW-6D	05/06/2010 18:50	1	V1887.D	RTX-VMS 0.18(mm)
220-12107-4	MW-9	05/06/2010 19:18	1	V1888.D	RTX-VMS 0.18(mm)
220-12107-5	MW-9F	05/06/2010 19:45	1	V1889.D	RTX-VMS 0.18(mm)
220-12107-6	MW-7	05/06/2010 20:13	1	V1890.D	RTX-VMS 0.18(mm)
220-12107-10	MW-3	05/06/2010 20:40	1	V1891.D	RTX-VMS 0.18(mm)
220-12107-11	MW-4	05/06/2010 21:07	1	V1892.D	RTX-VMS 0.18(mm)
220-12107-8	MW-1	05/06/2010 21:34	1	V1893.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSV Start Date: 05/07/2010 09:31

Analysis Batch Number: 38258 End Date: 05/07/2010 20:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-38258/5		05/07/2010 09:31	1	VB033.D	RTX-VMS 0.18(mm)
CCVIS 220-38258/1		05/07/2010 09:41	1	V1909.D	RTX-VMS 0.18(mm)
LCS 220-38258/2		05/07/2010 10:17	1	V1910.D	RTX-VMS 0.18(mm)
MB 220-38258/3		05/07/2010 11:12	1	V1912.D	RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 11:39	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 12:06	1		RTX-VMS 0.18(mm)
220-12107-9	MW-2	05/07/2010 12:33	1	V1915.D	RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 13:01	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 13:28	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 13:55	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 14:49	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 15:17	5		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 15:44	10		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 16:38	50		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 17:05	20		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 17:33	4		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 18:00	5		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 18:54	50		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 19:21	50		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 20:16	1		RTX-VMS 0.18(mm)
ZZZZZ		05/07/2010 20:43	1		RTX-VMS 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
MW-5	220-12107-1	8 *	5 *	14 *	11 *	20 *	20
MW-6	220-12107-2	46	31	79	81	67	72
MW-6D	220-12107-3	42	29	78	80	66	71
MW-9	220-12107-4	41	28	75	79	66	69
MW-9F	220-12107-5	44	31	76	81	67	71
MW-7	220-12107-6	42	30	77	82	66	81
MW-10	220-12107-7	46	32	77	81	69	71
MW-1	220-12107-8	41	28	72	70	96	106
MW-2	220-12107-9	44	32	74	70	96	105
MW-3	220-12107-10	43	30	73	68	94	109
MW-4	220-12107-11	40	28	72	67	93	104
	MB 220-38198/1-A	35	24	62	65	59	63
	LCS 220-38198/2-A	38	27	68	71	62	70
MW-10 MS	220-12107-7 MS	54	46	73	80	67	78
MW-10 MSD	220-12107-7 MSD	55	45	70	74	64	72

	QC LIMITS
2FP = 2-Fluorophenol	13-120
PHL = Phenol-d5	10-120
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TBP = 2,4,6-Tribromophenol	36-120
TPH = Terphenyl-d14	10-120

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10914.D

Lab ID: LCS 220-38198/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Acenaphthene	40.0	31.5	79	52-120	
Acenaphthylene	40.0	28.9	72	52-120	
Anthracene	40.0	29.6	74	60-120	
Benzo[a]anthracene	40.0	35.5	89	60-120	
Benzo[a]pyrene	40.0	29.4	74	51-120	
Benzo[b]fluoranthene	40.0	33.6	84	59-120	
Benzo[g,h,i]perylene	40.0	33.2	83	48-120	
Benzo[k]fluoranthene	40.0	32.2	81	58-120	
Bis(2-chloroethoxy)methane	40.0	29.2	73	48-120	
Bis(2-chloroethyl)ether	40.0	21.9	55	46-120	
Bis(2-ethylhexyl) phthalate	40.0	39.4	99	57-120	
Butyl benzyl phthalate	40.0	37.9	95	53-122	
Carbazole	40.0	31.8	80	62-120	
Chrysene	40.0	33.3	83	59-120	
Di-n-butyl phthalate	40.0	33.6	84	61-120	
Di-n-octyl phthalate	40.0	38.8	97	57-120	
4-Bromophenyl phenyl ether	40.0	30.3	76	60-120	
4-Chloroaniline	40.0	28.2	70	33-120	
2-Chloronaphthalene	40.0	35.2	88	46-120	
4-Chlorophenyl phenyl ether	40.0	30.5	76	58-120	
Dibenz(a,h)anthracene	40.0	28.2	70	47-120	
Dibenzofuran	40.0	31.1	78	56-120	
Diethyl phthalate	40.0	32.5	81	57-120	
Dimethyl phthalate	40.0	28.8	72	49-120	
1,2-Dichlorobenzene	40.0	21.6	54	35-120	
1,3-Dichlorobenzene	40.0	23.8	60	33-120	
1,4-Dichlorobenzene	40.0	24.2	60	34-120	
3,3'-Dichlorobenzidine	40.0	23.1	58	39-120	
2,4-Dinitrotoluene	40.0	35.5	89	46-124	
2,6-Dinitrotoluene	40.0	33.5	84	63-120	
Fluoranthene	40.0	31.6	79	56-120	
Fluorene	40.0	31.3	78	61-120	
Hexachlorobenzene	40.0	30.8	77	59-120	
Hexachlorobutadiene	40.0	22.5	56	30-120	
Hexachlorocyclopentadiene	40.0	20.6	51	15-120	
Hexachloroethane	40.0	21.9	55	29-120	
Indeno[1,2,3-cd]pyrene	40.0	31.9	80	48-120	
Isophorone	40.0	29.7	74	47-120	
2-Methylnaphthalene	40.0	26.5	66	44-120	
Naphthalene	40.0	24.6	62	42-120	
2-Nitroaniline	40.0	31.8	80	57-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10914.D

Lab ID: LCS 220-38198/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
3-Nitroaniline	40.0	30.7	77	54-120	
Nitrobenzene	40.0	28.1	70	46-120	
N-Nitrosodi-n-propylamine	40.0	30.6	76	49-120	
N-Nitrosodiphenylamine	40.0	31.8	79	62-120	
Phenanthrene	40.0	30.5	76	63-120	
Pyrene	40.0	31.8	80	62-120	
1,2,4-Trichlorobenzene	40.0	24.8	62	37-120	
4-Chloro-3-methylphenol	40.0	29.8	74	32-120	
2-Chlorophenol	40.0	26.6	66	18-120	
2-Methylphenol	40.0	24.1	60	25-120	
4-Methylphenol	80.0	40.6	51	21-120	
2,4-Dichlorophenol	40.0	27.8	70	18-120	
2,4-Dimethylphenol	40.0	28.4	71	26-120	
2,4-Dinitrophenol	40.0	31.4	79	17-128	
4,6-Dinitro-2-methylphenol	40.0	34.7	87	50-120	
2-Nitrophenol	40.0	28.6	72	36-120	
4-Nitrophenol	40.0	15.1	38	12-120	
Pentachlorophenol	40.0	33.2	83	50-120	
Phenol	40.0	12.2	30	10-120	
2,4,5-Trichlorophenol	40.0	29.6	74	23-123	
2,4,6-Trichlorophenol	40.0	29.1	73	18-125	
Benzyl alcohol	40.0	24.1	60	31-120	
4-Nitroaniline	40.0	32.9	82	54-120	
2,2'-oxybis[1-chloropropane]	40.0	27.8	70	45-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10922.D

Lab ID: 220-12107-7 MS Client ID: MW-10 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Acenaphthene	41.7	4.0 U	38.2	92	52-120	
Acenaphthylene	41.7	4.0 U	35.3	85	52-120	
Anthracene	41.7	4.0 U	35.5	85	60-120	
Benzo[a]anthracene	41.7	4.0 U	43.0	103	60-120	
Benzo[a]pyrene	41.7	4.0 U	36.4	87	51-120	
Benzo[b]fluoranthene	41.7	4.0 U	42.9	103	59-120	
Benzo[g,h,i]perylene	41.7	4.0 U	35.4	85	48-120	
Benzo[k]fluoranthene	41.7	4.0 U	39.9	96	58-120	
Bis(2-chloroethoxy)methane	41.7	4.0 U	34.9	84	48-120	
Bis(2-chloroethyl)ether	41.7	4.0 U	33.3	80	46-120	
Bis(2-ethylhexyl) phthalate	41.7	4.0 U	50.1	120	57-120	
Butyl benzyl phthalate	41.7	4.0 U	49.8	120	53-122	
Carbazole	41.7	4.0 U	39.1	94	62-120	
Chrysene	41.7	4.0 U	40.2	97	59-120	
Di-n-butyl phthalate	41.7	4.8	41.4	88	61-120	
Di-n-octyl phthalate	41.7	4.0 U	65.8	158	57-120	*
4-Bromophenyl phenyl ether	41.7	4.0 U	35.6	85	60-120	
4-Chloroaniline	41.7	4.0 U	33.2	80	33-120	
2-Chloronaphthalene	41.7	4.0 U	45.8	110	46-120	
4-Chlorophenyl phenyl ether	41.7	4.0 U	36.3	87	58-120	
Dibenz(a,h)anthracene	41.7	4.0 U	35.0	84	47-120	
Dibenzofuran	41.7	4.0 U	38.3	92	56-120	
Diethyl phthalate	41.7	4.0 U	38.7	93	57-120	
Dimethyl phthalate	41.7	4.0 U	33.3	80	49-120	
1,2-Dichlorobenzene	41.7	4.0 U	25.5	61	35-120	
1,3-Dichlorobenzene	41.7	4.0 U	26.8	64	33-120	
1,4-Dichlorobenzene	41.7	4.0 U	27.2	65	34-120	
3,3'-Dichlorobenzidine	41.7	4.0 U	9.08	22	39-120	*
2,4-Dinitrotoluene	41.7	4.0 U	42.4	102	46-124	
2,6-Dinitrotoluene	41.7	4.0 U	40.2	97	63-120	
Fluoranthene	41.7	4.0 U	37.9	91	56-120	
Fluorene	41.7	4.0 U	37.2	89	61-120	
Hexachlorobenzene	41.7	4.0 U	35.5	85	59-120	
Hexachlorobutadiene	41.7	4.0 U	27.5	66	30-120	
Hexachlorocyclopentadiene	41.7	4.0 U	24.9	60	15-120	
Hexachloroethane	41.7	4.0 U	22.4	54	29-120	
Indeno[1,2,3-cd]pyrene	41.7	4.0 U	38.2	92	48-120	
Isophorone	41.7	4.0 U	36.0	86	47-120	
2-Methylnaphthalene	41.7	4.0 U	32.3	78	44-120	
Naphthalene	41.7	4.0 U	29.4	71	42-120	
2-Nitroaniline	41.7	4.0 U	38.1	91	57-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10922.D

Lab ID: 220-12107-7 MS Client ID: MW-10 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
3-Nitroaniline	41.7	4.0 U	33.8	81	54-120	
Nitrobenzene	41.7	4.0 U	32.8	79	46-120	
N-Nitrosodi-n-propylamine	41.7	4.0 U	37.2	89	49-120	
N-Nitrosodiphenylamine	41.7	4.0 U	37.9	91	62-120	
Phenanthrene	41.7	4.0 U	35.2	84	63-120	
Pyrene	41.7	4.0 U	38.5	92	62-120	
1,2,4-Trichlorobenzene	41.7	4.0 U	28.7	69	37-120	
4-Chloro-3-methylphenol	41.7	5.0 U	36.0	86	32-120	
2-Chlorophenol	41.7	4.0 U	31.6	76	18-120	
2-Methylphenol	41.7	4.0 U	31.4	75	25-120	
4-Methylphenol	83.3	4.0 U	54.2	65	21-120	
2,4-Dichlorophenol	41.7	4.0 U	32.6	78	18-120	
2,4-Dimethylphenol	41.7	4.0 U	35.9	86	26-120	
2,4-Dinitrophenol	41.7	25 U	37.9	91	17-128	
4,6-Dinitro-2-methylphenol	41.7	25 U	38.2	92	50-120	
2-Nitrophenol	41.7	4.0 U	34.3	82	36-120	
4-Nitrophenol	41.7	10 U	28.2	68	12-120	
Pentachlorophenol	41.7	25 U	39.0	94	50-120	
Phenol	41.7	4.0 U	21.7	52	10-120	
2,4,5-Trichlorophenol	41.7	10 U	36.7	88	23-123	
2,4,6-Trichlorophenol	41.7	4.0 U	34.8	83	18-125	
Benzyl alcohol	41.7	4.0 U	34.1	82	31-120	
4-Nitroaniline	41.7	4.0 U	38.9	93	54-120	
2,2'-oxybis[1-chloropropane]	41.7	4.0 U	32.0	77	45-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10923.D

Lab ID: 220-12107-7 MSD Client ID: MW-10 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	41.7	34.5	83	10	31	52-120	
Acenaphthylene	41.7	31.6	76	11	30	52-120	
Anthracene	41.7	31.7	76	11	30	60-120	
Benzo[a]anthracene	41.7	38.8	93	10	30	60-120	
Benzo[a]pyrene	41.7	32.4	78	12	30	51-120	
Benzo[b]fluoranthene	41.7	39.2	94	9	30	59-120	
Benzo[g,h,i]perylene	41.7	31.5	76	12	30	48-120	
Benzo[k]fluoranthene	41.7	35.4	85	12	30	58-120	
Bis(2-chloroethoxy)methane	41.7	31.9	77	9	30	48-120	
Bis(2-chloroethyl)ether	41.7	30.9	74	8	30	46-120	
Bis(2-ethylhexyl) phthalate	41.7	45.4	109	10	30	57-120	
Butyl benzyl phthalate	41.7	45.2	109	10	30	53-122	
Carbazole	41.7	34.5	83	12	30	62-120	
Chrysene	41.7	36.8	88	9	30	59-120	
Di-n-butyl phthalate	41.7	36.9	77	12	30	61-120	
Di-n-octyl phthalate	41.7	60.6	145	8	30	57-120	*
4-Bromophenyl phenyl ether	41.7	31.2	75	13	30	60-120	
4-Chloroaniline	41.7	31.9	77	4	30	33-120	
2-Chloronaphthalene	41.7	40.0	96	14	30	46-120	
4-Chlorophenyl phenyl ether	41.7	32.9	79	10	30	58-120	
Dibenz(a,h)anthracene	41.7	30.9	74	12	30	47-120	
Dibenzofuran	41.7	33.8	81	12	30	56-120	
Diethyl phthalate	41.7	35.9	86	8	30	57-120	
Dimethyl phthalate	41.7	30.8	74	8	30	49-120	
1,2-Dichlorobenzene	41.7	23.9	57	6	30	35-120	
1,3-Dichlorobenzene	41.7	25.5	61	5	30	33-120	
1,4-Dichlorobenzene	41.7	26.1	63	4	28	34-120	
3,3'-Dichlorobenzidine	41.7	7.13	17	24	30	39-120	*
2,4-Dinitrotoluene	41.7	39.0	94	8	38	46-124	
2,6-Dinitrotoluene	41.7	36.4	87	10	30	63-120	
Fluoranthene	41.7	33.9	81	11	30	56-120	
Fluorene	41.7	33.5	80	11	30	61-120	
Hexachlorobenzene	41.7	31.6	76	12	30	59-120	
Hexachlorobutadiene	41.7	25.5	61	7	30	30-120	
Hexachlorocyclopentadiene	41.7	23.0	55	8	30	15-120	
Hexachloroethane	41.7	21.6	52	4	30	29-120	
Indeno[1,2,3-cd]pyrene	41.7	34.0	82	12	30	48-120	
Isophorone	41.7	32.7	78	10	30	47-120	
2-Methylnaphthalene	41.7	29.1	70	10	30	44-120	
Naphthalene	41.7	26.9	65	9	30	42-120	
2-Nitroaniline	41.7	35.0	84	8	30	57-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A10923.D

Lab ID: 220-12107-7 MSD Client ID: MW-10 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
3-Nitroaniline	41.7	32.0	77	6	30	54-120	
Nitrobenzene	41.7	30.3	73	8	30	46-120	
N-Nitrosodi-n-propylamine	41.7	33.1	79	12	38	49-120	
N-Nitrosodiphenylamine	41.7	34.3	82	10	30	62-120	
Phenanthrene	41.7	31.6	76	11	30	63-120	
Pyrene	41.7	34.2	82	12	31	62-120	
1,2,4-Trichlorobenzene	41.7	27.0	65	6	28	37-120	
4-Chloro-3-methylphenol	41.7	33.6	81	7	42	32-120	
2-Chlorophenol	41.7	29.1	70	8	40	18-120	
2-Methylphenol	41.7	29.1	70	8	30	25-120	
4-Methylphenol	83.3	50.2	60	8	30	21-120	
2,4-Dichlorophenol	41.7	29.8	72	9	30	18-120	
2,4-Dimethylphenol	41.7	32.5	78	10	30	26-120	
2,4-Dinitrophenol	41.7	34.1	82	10	30	17-128	
4,6-Dinitro-2-methylphenol	41.7	35.1	84	8	30	50-120	
2-Nitrophenol	41.7	31.4	75	9	30	36-120	
4-Nitrophenol	41.7	27.7	66	2	50	12-120	
Pentachlorophenol	41.7	36.1	87	8	50	50-120	
Phenol	41.7	21.0	50	3	42	10-120	
2,4,5-Trichlorophenol	41.7	34.0	82	8	30	23-123	
2,4,6-Trichlorophenol	41.7	31.9	77	9	30	18-125	
Benzyl alcohol	41.7	32.0	77	6	30	31-120	
4-Nitroaniline	41.7	35.4	85	9	30	54-120	
2,2'-oxybis[1-chloropropane]	41.7	29.3	70	9	30	45-120	

Calculations are performed before rounding

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: A10913.D Lab Sample ID: MB 220-38198/1-A

Matrix: Water Date Extracted: 05/06/2010 08:50

Instrument ID: MSA Date Analyzed: 05/07/2010 11:42

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-38198/2-A	A10914.D	05/07/2010 12:11
MW-5	220-12107-1	A10915.D	05/07/2010 12:40
MW-6	220-12107-2	A10916.D	05/07/2010 13:08
MW-6D	220-12107-3	A10917.D	05/07/2010 13:36
MW-9	220-12107-4	A10918.D	05/07/2010 14:05
MW-9F	220-12107-5	A10919.D	05/07/2010 14:33
MW-7	220-12107-6	A10920.D	05/07/2010 15:02
MW-10	220-12107-7	A10921.D	05/07/2010 15:30
MW-10 MS	220-12107-7 MS	A10922.D	05/07/2010 15:58
MW-10 MSD	220-12107-7 MSD	A10923.D	05/07/2010 16:26
MW-1	220-12107-8	Z16184.D	05/10/2010 17:14
MW-2	220-12107-9	Z16185.D	05/10/2010 17:42
MW-3	220-12107-10	Z16186.D	05/10/2010 18:09
MW-4	220-12107-11	Z16187.D	05/10/2010 18:38

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: As10882.D DFTPP Injection Date: 05/06/2010

Instrument ID: MSA DFTPP Injection Time: 07:31

Analysis Batch No.: 38232

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	49.6	
68	Less than 2.0 % of mass 69	0.7	(1.4)1
69	Mass 69 relative abundance	47.9	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	58.9	
197	Less than 1.0 % of mass 198	0.2	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.5	
275	10.0 - 30.0 % of mass 198	17.1	
365	Greater than 1.0 % of mass 198	1.6	
441	Present but less than mass 443	8.2	
442	Greater than 40.0 % of mass 198	57.9	
443	17.0 - 23.0 % of mass 442	11.3	(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 220-38232/1	A10882.D	05/06/2010	07:31
	IC 220-38232/2	A10883.D	05/06/2010	08:07
	IC 220-38232/3	A10884.D	05/06/2010	08:34
	IC 220-38232/4	A10885.D	05/06/2010	09:02
	IC 220-38232/5	A10886.D	05/06/2010	09:31
	IC 220-38232/6	A10887.D	05/06/2010	09:59

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: As10910.D DFTPP Injection Date: 05/07/2010

Instrument ID: MSA DFTPP Injection Time: 10:12

Analysis Batch No.: 38265

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.1	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	46.1	
70	Less than 2.0 % of mass 69	0.2	(0.3)1
127	40.0 - 60.0 % of mass 198	58.4	
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	6.7	
275	10.0 - 30.0 % of mass 198	17.6	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	8.8	
442	Greater than 40.0 % of mass 198	60.7	
443	17.0 - 23.0 % of mass 442	12.0	(19.7)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
	CCVIS 220-38265/1	A10910.D	05/07/2010	10:12
	MB 220-38198/1-A	A10913.D	05/07/2010	11:42
	LCS 220-38198/2-A	A10914.D	05/07/2010	12:11
MW-5	220-12107-1	A10915.D	05/07/2010	12:40
MW-6	220-12107-2	A10916.D	05/07/2010	13:08
MW-6D	220-12107-3	A10917.D	05/07/2010	13:36
MW-9	220-12107-4	A10918.D	05/07/2010	14:05
MW-9F	220-12107-5	A10919.D	05/07/2010	14:33
MW-7	220-12107-6	A10920.D	05/07/2010	15:02
MW-10	220-12107-7	A10921.D	05/07/2010	15:30
MW-10 MS	220-12107-7 MS	A10922.D	05/07/2010	15:58
MW-10 MSD	220-12107-7 MSD	A10923.D	05/07/2010	16:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: Zs16136.D DFTPP Injection Date: 05/05/2010

Instrument ID: MSZ DFTPP Injection Time: 09:18

Analysis Batch No.: 38296

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.8	
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	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.0	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.5	
275	10.0 - 30.0 % of mass 198	26.1	
365	Greater than 1.0 % of mass 198	3.5	
441	Present but less than mass 443	13.2	
442	Greater than 40.0 % of mass 198	89.5	
443	17.0 - 23.0 % of mass 442	15.8	(17.6)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
	ICIS 220-38296/1	Z16136.D	05/05/2010	09:18
	IC 220-38296/2	Z16138.D	05/05/2010	10:20
	IC 220-38296/3	Z16139.D	05/05/2010	10:49
	IC 220-38296/4	Z16140.D	05/05/2010	11:17
	IC 220-38296/5	Z16141.D	05/05/2010	11:46
	IC 220-38296/6	Z16142.D	05/05/2010	12:13

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab File ID: Zs16169.D DFTPP Injection Date: 05/10/2010

Instrument ID: MSZ DFTPP Injection Time: 10:06

Analysis Batch No.: 38298

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.6	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	43.7	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	51.1	
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	6.8	
275	10.0 - 30.0 % of mass 198	25.3	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	12.2	
442	Greater than 40.0 % of mass 198	81.6	
443	17.0 - 23.0 % of mass 442	14.8	(18.2)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
	CCVIS 220-38298/1	Z16169.D	05/10/2010	10:06
MW-1	220-12107-8	Z16184.D	05/10/2010	17:14
MW-2	220-12107-9	Z16185.D	05/10/2010	17:42
MW-3	220-12107-10	Z16186.D	05/10/2010	18:09
MW-4	220-12107-11	Z16187.D	05/10/2010	18:38

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38265/1 Date Analyzed: 05/07/2010 10:12

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A10910.D Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		300440	4.62	1612106	5.98	1204847	7.83
UPPER LIMIT		600880	5.12	3224212	6.48	2409694	8.33
LOWER LIMIT		150220	4.12	806053	5.48	602424	7.33
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-38198/1-A		311821	4.62	1644605	5.97	1257016	7.83
LCS 220-38198/2-A		295839	4.62	1610504	5.98	1250070	7.84
220-12107-1	MW-5	293286	4.62	1583447	5.97	1202558	7.82
220-12107-2	MW-6	287849	4.62	1552444	5.97	1209582	7.83
220-12107-3	MW-6D	307181	4.62	1605016	5.97	1235547	7.83
220-12107-4	MW-9	301612	4.62	1581279	5.97	1211177	7.82
220-12107-5	MW-9F	299319	4.62	1590423	5.97	1210711	7.83
220-12107-6	MW-7	300467	4.62	1581246	5.97	1217954	7.83
220-12107-7	MW-10	318023	4.62	1663310	5.97	1261986	7.83
220-12107-7 MS	MW-10 MS	299031	4.62	1639420	5.98	1237009	7.84
220-12107-7 MSD	MW-10 MSD	305919	4.62	1648981	5.98	1249239	7.84

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

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38265/1 Date Analyzed: 05/07/2010 10:12

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A10910.D Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		2238504	9.39	1549262	12.22	806932	14.27
UPPER LIMIT		4477008	9.89	3098524	12.72	1613864	14.77
LOWER LIMIT		1119252	8.89	774631	11.72	403466	13.77
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-38198/1-A		2236986	9.39	1708544	12.21	804743	14.25
LCS 220-38198/2-A		2299600	9.39	1622537	12.22	861183	14.26
220-12107-1	MW-5	2173085	9.38	1659612	12.20	804869	14.24
220-12107-2	MW-6	2166094	9.39	1626448	12.21	754893	14.25
220-12107-3	MW-6D	2209233	9.39	1700141	12.21	805725	14.25
220-12107-4	MW-9	2155386	9.38	1670626	12.20	794537	14.24
220-12107-5	MW-9F	2206229	9.39	1674183	12.21	768866	14.25
220-12107-6	MW-7	2033539	9.39	1168438	12.22	437892	14.27
220-12107-7	MW-10	2271068	9.39	1735321	12.21	816020	14.26
220-12107-7 MS	MW-10 MS	2328287	9.39	1576316	12.22	803192	14.27
220-12107-7 MSD	MW-10 MSD	2339460	9.39	1621704	12.22	809898	14.26

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

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38298/1 Date Analyzed: 05/10/2010 10:06

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z16169.D Heated Purge: (Y/N) N

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		11735	5.00	54043	6.37	33311	8.26
UPPER LIMIT		23470	5.50	108086	6.87	66622	8.76
LOWER LIMIT		5868	4.50	27022	5.87	16656	7.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
220-12107-8	MW-1	11017	5.00	49349	6.37	31611	8.25
220-12107-9	MW-2	12041	5.00	55719	6.37	36013	8.25
220-12107-10	MW-3	11167	5.00	50951	6.37	33480	8.25
220-12107-11	MW-4	10905	5.00	50347	6.37	32555	8.25

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

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Sample No.: CCVIS 220-38298/1 Date Analyzed: 05/10/2010 10:06

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z16169.D Heated Purge: (Y/N) N

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		59783	9.83	30012	12.78	13345	15.07
UPPER LIMIT		119566	10.33	60024	13.28	26690	15.57
LOWER LIMIT		29892	9.33	15006	12.28	6673	14.57
LAB SAMPLE ID	CLIENT SAMPLE ID						
220-12107-8	MW-1	58480	9.83	23171	12.78	20764	15.08
220-12107-9	MW-2	64058	9.83	23386	12.78	24505	15.09
220-12107-10	MW-3	61669	9.83	23202	12.78	21292	15.08
220-12107-11	MW-4	61274	9.83	24344	12.78	19895	15.08

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

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-5 | Lab Sample ID: 220-12107-1

Matrix: Water | Lab File ID: A10915.D

Analysis Method: 8270C | Date Collected: 04/30/2010 09:45

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 12:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	4.2	U	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-5 | Lab Sample ID: 220-12107-1

Matrix: Water | Lab File ID: A10915.D

Analysis Method: 8270C | Date Collected: 04/30/2010 09:45

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 12:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-5 Lab Sample ID: 220-12107-1

Matrix: Water Lab File ID: A10915.D

Analysis Method: 8270C Date Collected: 04/30/2010 09:45

Extract. Method: 3510C Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) Date Analyzed: 05/07/2010 12:40

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	11	39-120	*
367-12-4	2-Fluorophenol	8	13-120	*
118-79-6	2,4,6-Tribromophenol	20	36-120	*
4165-60-0	Nitrobenzene-d5	14	40-120	*
4165-62-2	Phenol-d5	5	10-120	*
1718-51-0	Terphenyl-d14	20	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10915.D
Lab Smp Id: 220-12107-A-1-A Client Smp ID: MW-5
Inj Date : 07-MAY-2010 12:40
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-A-1-A
Misc Info : 220-12107-A-1-A
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	293286	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	78447	5.63815	6(R)
$	3 Phenol-d5	99	4.295	4.318	(0.931)	90999	3.93592	4(R)
*	20 Naphthalene-d8	136	5.969	5.980	(1.000)	1583447	20.0000	
$	21 Nitrobenzene-d5	82	5.215	5.232	(0.874)	162242	7.11523	7(R)
*	35 Acenaphthene-d10	164	7.820	7.832	(1.000)	1202558	20.0000	
$	40 2-Fluorobiphenyl	172	7.132	7.149	(0.912)	463495	5.34326	6(R)
$	56 2,4,6-Tribromophenol	330	8.651	8.675	(1.106)	132105	15.3337	16(R)
*	57 Phenanthrene-d10	188	9.381	9.393	(1.000)	2173085	20.0000	
*	70 Chrysene-d12	240	12.201	12.224	(1.000)	1659612	20.0000	
$	73 Terphenyl-d14	244	11.073	11.091	(0.908)	672618	10.2119	11
*	79 Perylene-d12	264	14.242	14.266	(1.000)	804869	20.0000	

QC Flag Legend

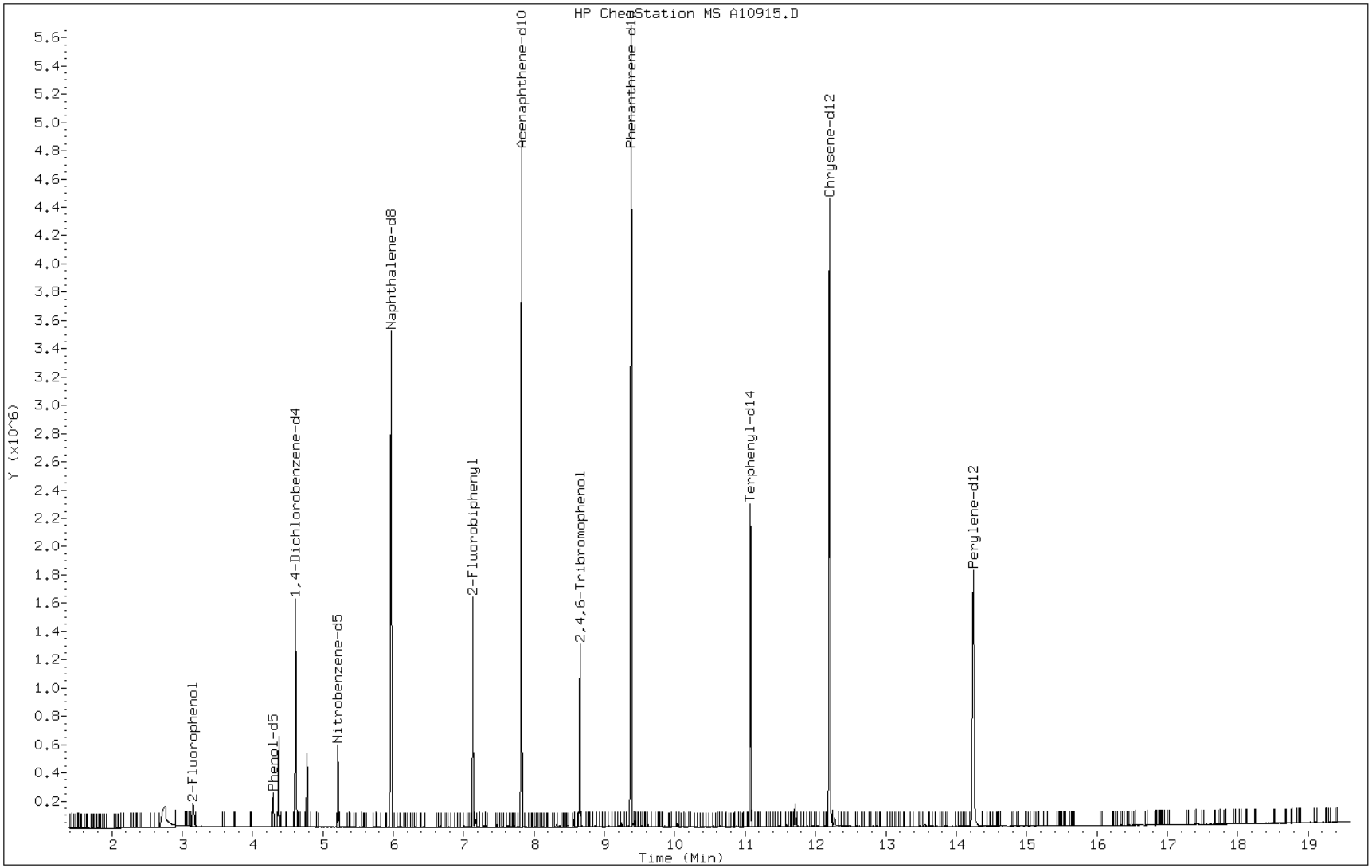
R - Spike/Surrogate failed recovery limits.

Data File: A10915.D

Date: 07-MAY-2010 12:40

Client ID: MW-5 Instrument: msa.i

Sample Info: 220-12107-A-1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 220-12107-2

Matrix: Water | Lab File ID: A10916.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	5.0	B	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 220-12107-2

Matrix: Water | Lab File ID: A10916.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6 | Lab Sample ID: 220-12107-2

Matrix: Water | Lab File ID: A10916.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:08

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	81	39-120	
367-12-4	2-Fluorophenol	46	13-120	
118-79-6	2,4,6-Tribromophenol	67	36-120	
4165-60-0	Nitrobenzene-d5	79	40-120	
4165-62-2	Phenol-d5	31	10-120	
1718-51-0	Terphenyl-d14	72	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10916.D
Lab Smp Id: 220-12107-B-2-A Client Smp ID: MW-6
Inj Date : 07-MAY-2010 13:08
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-2-A
Misc Info : 220-12107-B-2-A
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

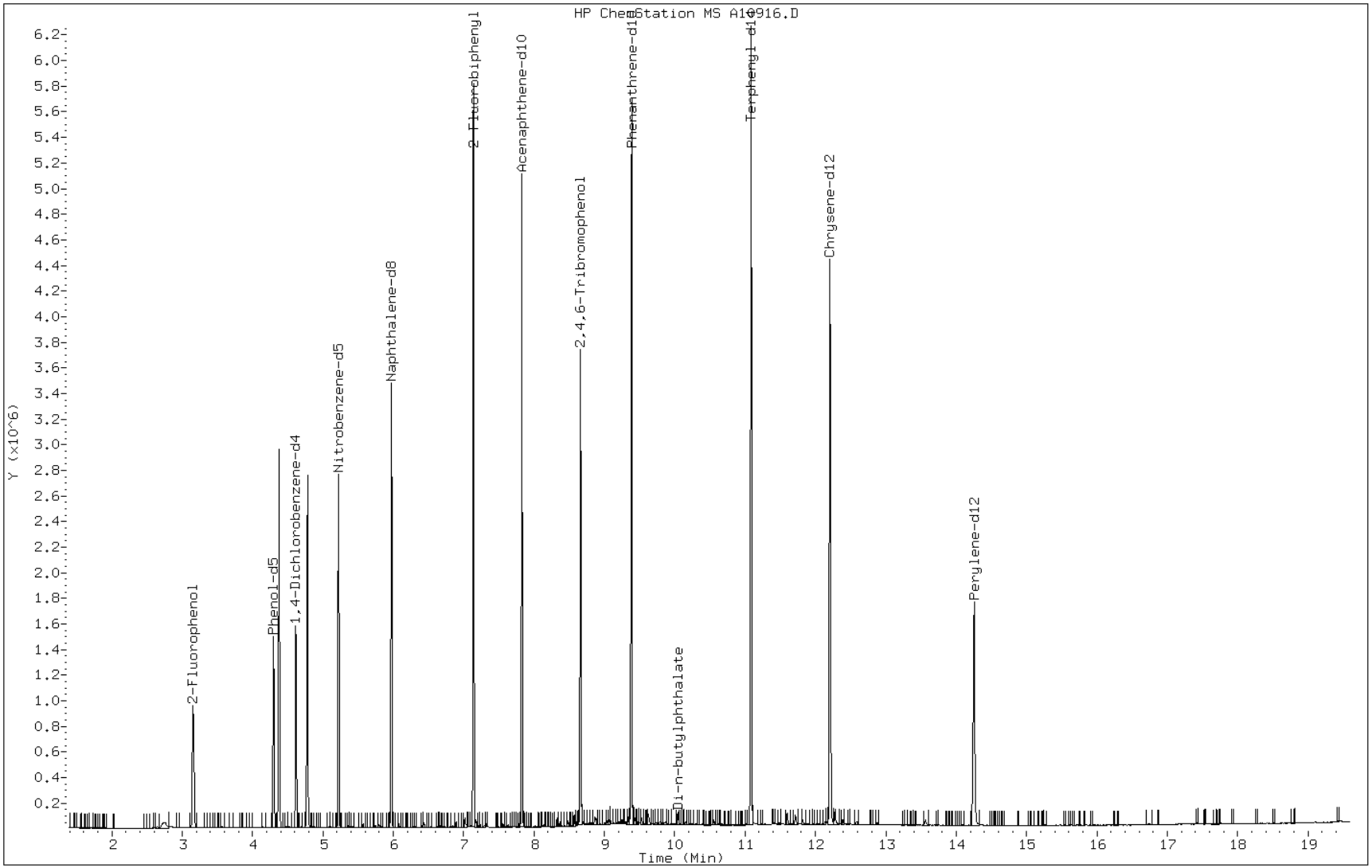
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	287849	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	467095	34.2052	36
$	3 Phenol-d5	99	4.301	4.318	(0.932)	531777	23.4350	24
*	20 Naphthalene-d8	136	5.974	5.980	(1.000)	1552444	20.0000	
$	21 Nitrobenzene-d5	82	5.227	5.232	(0.875)	882080	39.4567	41
*	35 Acenaphthene-d10	164	7.826	7.832	(1.000)	1209582	20.0000	
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.913)	2030650	40.3125	42
$	56 2,4,6-Tribromophenol	330	8.663	8.675	(1.107)	438592	50.6127	53
*	57 Phenanthrene-d10	188	9.387	9.393	(1.000)	2166094	20.0000	
	67 Di-n-butylphthalate	149	10.046	10.058	(1.070)	49242	4.79301	5
*	70 Chrysene-d12	240	12.206	12.224	(1.000)	1626448	20.0000	
$	73 Terphenyl-d14	244	11.085	11.091	(0.908)	2333581	36.1516	38
*	79 Perylene-d12	264	14.254	14.266	(1.000)	754893	20.0000	

Data File: A10916.D

Date: 07-MAY-2010 13:08

Client ID: MW-6 Instrument: msa.i

Sample Info: 220-12107-B-2-A Operator: S.Jonas



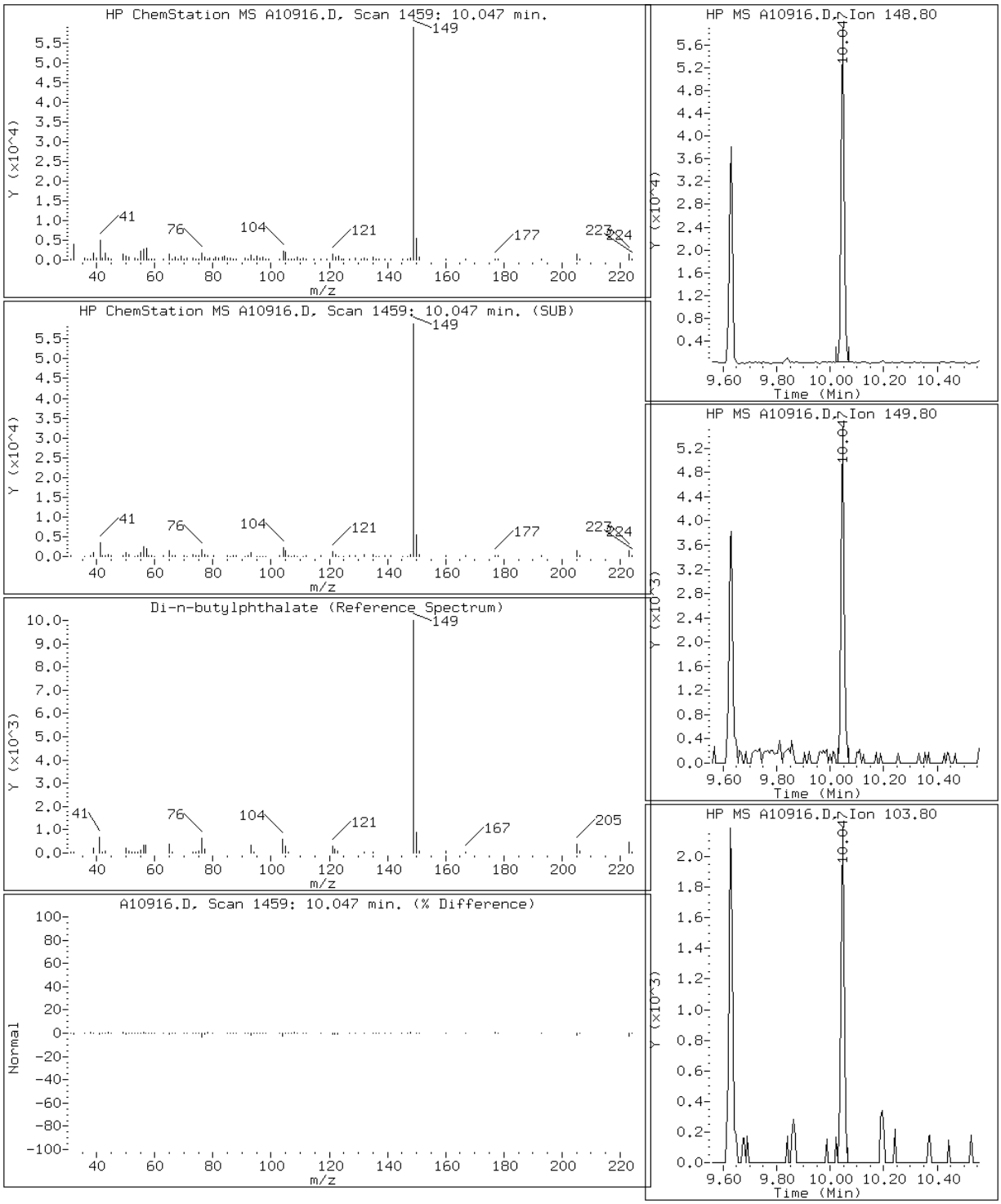
Data File: A10916.D

Date: 07-MAY-2010 13:08

Client ID: MW-6 Instrument: msa.i

Sample Info: 220-12107-B-2-A Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6D | Lab Sample ID: 220-12107-3

Matrix: Water | Lab File ID: A10917.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:05

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:36

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	5.0	B	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6D | Lab Sample ID: 220-12107-3

Matrix: Water | Lab File ID: A10917.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:05

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:36

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-6D | Lab Sample ID: 220-12107-3

Matrix: Water | Lab File ID: A10917.D

Analysis Method: 8270C | Date Collected: 04/30/2010 10:05

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 13:36

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	80	39-120	
367-12-4	2-Fluorophenol	42	13-120	
118-79-6	2,4,6-Tribromophenol	66	36-120	
4165-60-0	Nitrobenzene-d5	78	40-120	
4165-62-2	Phenol-d5	29	10-120	
1718-51-0	Terphenyl-d14	71	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10917.D
Lab Smp Id: 220-12107-B-3-A Client Smp ID: MW-6D
Inj Date : 07-MAY-2010 13:36
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-3-A
Misc Info : 220-12107-B-3-A
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

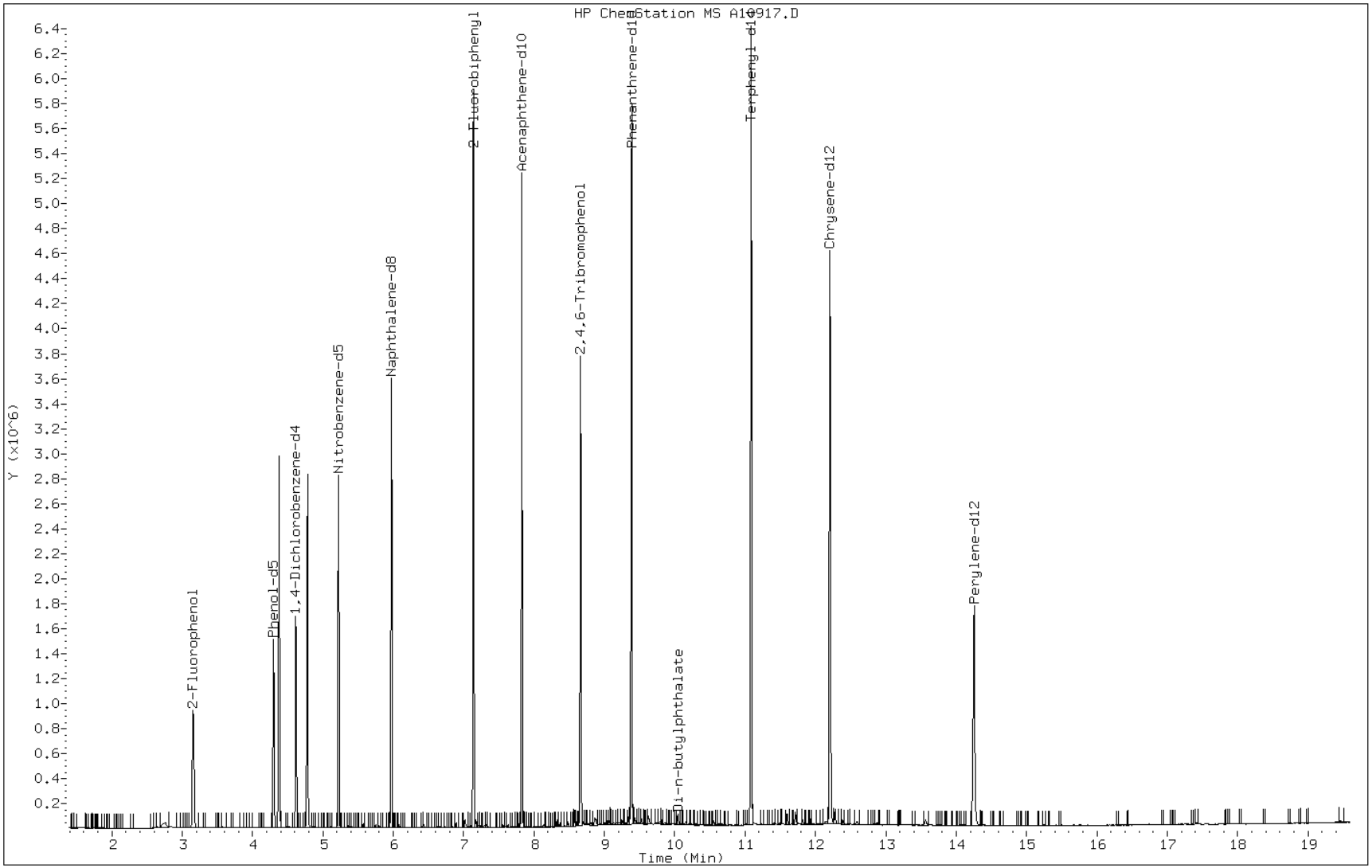
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	307181	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	463855	31.8302	33
$	3 Phenol-d5	99	4.301	4.318	(0.932)	533105	22.0150	23
*	20 Naphthalene-d8	136	5.974	5.980	(1.000)	1605016	20.0000	
$	21 Nitrobenzene-d5	82	5.226	5.232	(0.875)	901099	38.9872	41
*	35 Acenaphthene-d10	164	7.826	7.832	(1.000)	1235547	20.0000	
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.913)	2050184	39.7861	41
$	56 2,4,6-Tribromophenol	330	8.663	8.675	(1.107)	439835	49.6895	52
*	57 Phenanthrene-d10	188	9.387	9.393	(1.000)	2209233	20.0000	
	67 Di-n-butylphthalate	149	10.046	10.058	(1.070)	42123	4.78922	5
*	70 Chrysene-d12	240	12.206	12.224	(1.000)	1700141	20.0000	
$	73 Terphenyl-d14	244	11.091	11.091	(0.909)	2395116	35.4965	37
*	79 Perylene-d12	264	14.254	14.266	(1.000)	805725	20.0000	

Data File: A10917.D

Date: 07-MAY-2010 13:36

Client ID: MW-6D Instrument: msa.i

Sample Info: 220-12107-B-3-A Operator: S.Jonas



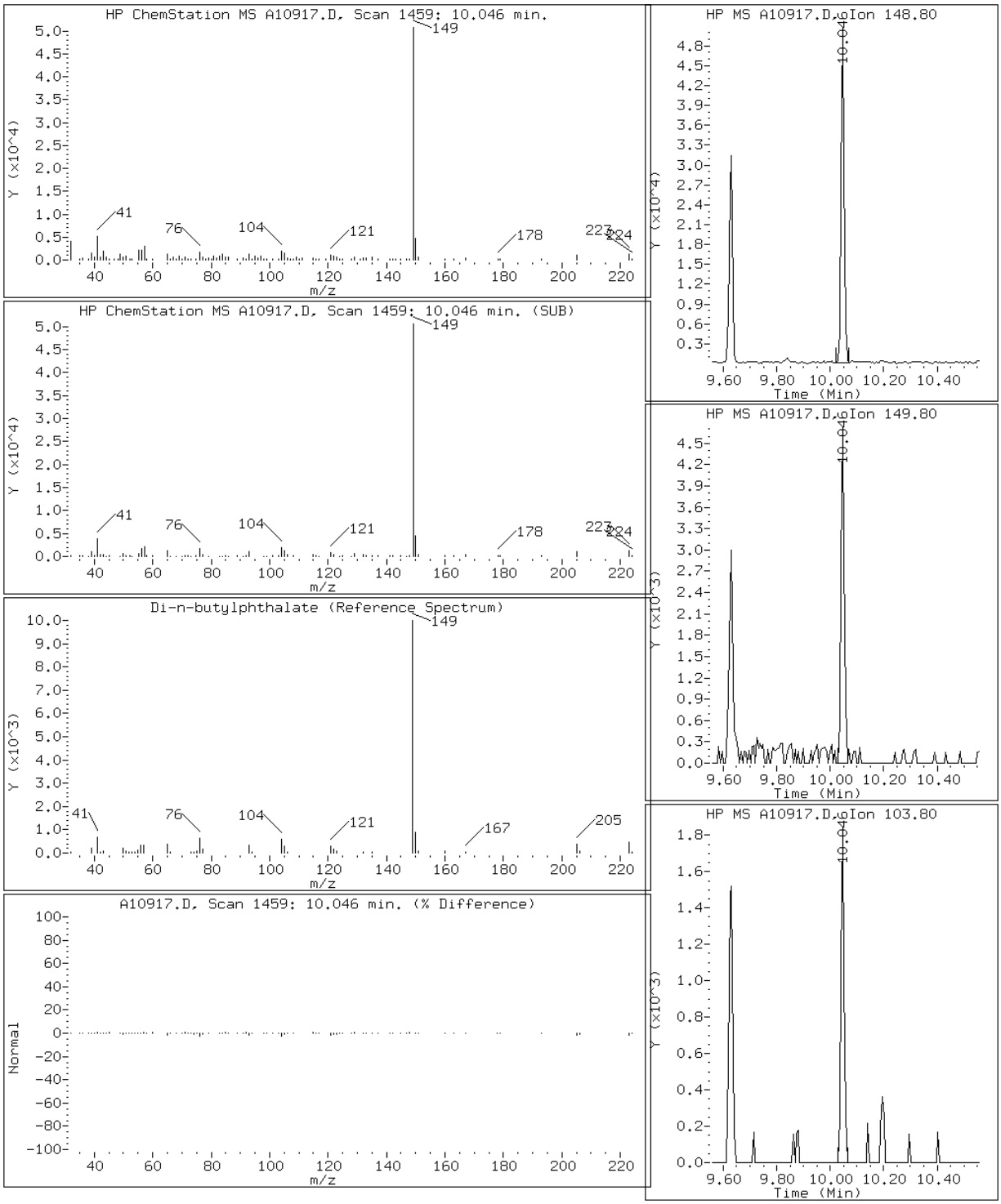
Data File: A10917.D

Date: 07-MAY-2010 13:36

Client ID: MW-6D Instrument: msa.i

Sample Info: 220-12107-B-3-A Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 220-12107-4

Matrix: Water | Lab File ID: A10918.D

Analysis Method: 8270C | Date Collected: 04/30/2010 11:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 14:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	5.0	B	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 220-12107-4

Matrix: Water | Lab File ID: A10918.D

Analysis Method: 8270C | Date Collected: 04/30/2010 11:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 14:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9 | Lab Sample ID: 220-12107-4

Matrix: Water | Lab File ID: A10918.D

Analysis Method: 8270C | Date Collected: 04/30/2010 11:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 14:05

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	79	39-120	
367-12-4	2-Fluorophenol	41	13-120	
118-79-6	2,4,6-Tribromophenol	66	36-120	
4165-60-0	Nitrobenzene-d5	75	40-120	
4165-62-2	Phenol-d5	28	10-120	
1718-51-0	Terphenyl-d14	69	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10918.D
Lab Smp Id: 220-12107-B-4-A Client Smp ID: MW-9
Inj Date : 07-MAY-2010 14:05
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-4-A
Misc Info : 220-12107-B-4-A
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

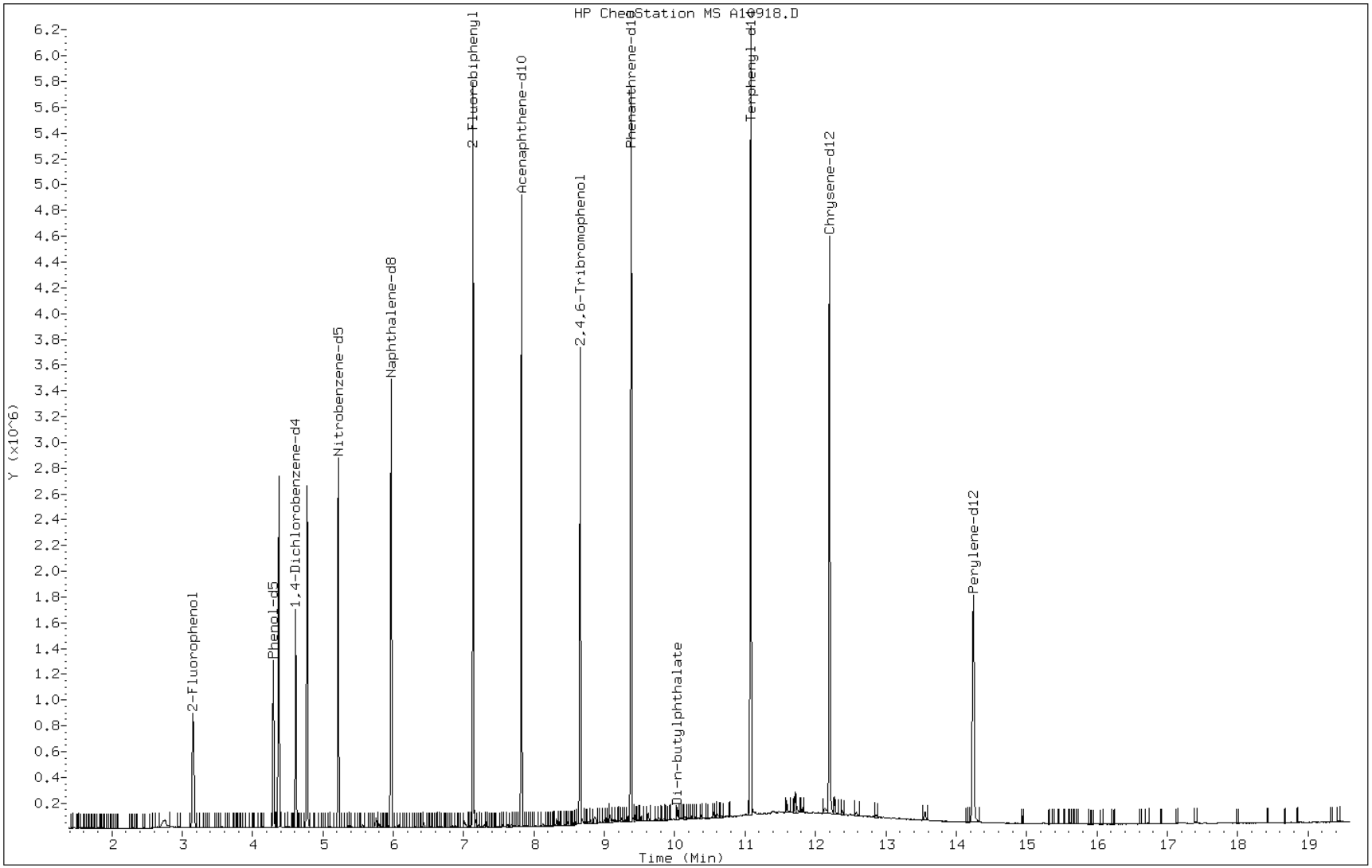
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	301612	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	445039	31.1029	32
$	3 Phenol-d5	99	4.301	4.318	(0.932)	504808	21.2314	22
*	20 Naphthalene-d8	136	5.968	5.980	(1.000)	1581279	20.0000	
$	21 Nitrobenzene-d5	82	5.221	5.232	(0.875)	851221	37.3820	39
*	35 Acenaphthene-d10	164	7.820	7.832	(1.000)	1211177	20.0000	
$	40 2-Fluorobiphenyl	172	7.138	7.149	(0.913)	1994406	39.4437	41
$	56 2,4,6-Tribromophenol	330	8.657	8.675	(1.107)	429038	49.4449	52
*	57 Phenanthrene-d10	188	9.381	9.393	(1.000)	2155386	20.0000	
	67 Di-n-butylphthalate	149	10.040	10.058	(1.070)	45273	4.79120	5
*	70 Chrysene-d12	240	12.200	12.224	(1.000)	1670626	20.0000	
$	73 Terphenyl-d14	244	11.079	11.091	(0.908)	2283860	34.4457	36
*	79 Perylene-d12	264	14.242	14.266	(1.000)	794537	20.0000	

Data File: A10918.D

Date: 07-MAY-2010 14:05

Client ID: MW-9 Instrument: msa.i

Sample Info: 220-12107-B-4-A Operator: S.Jonas



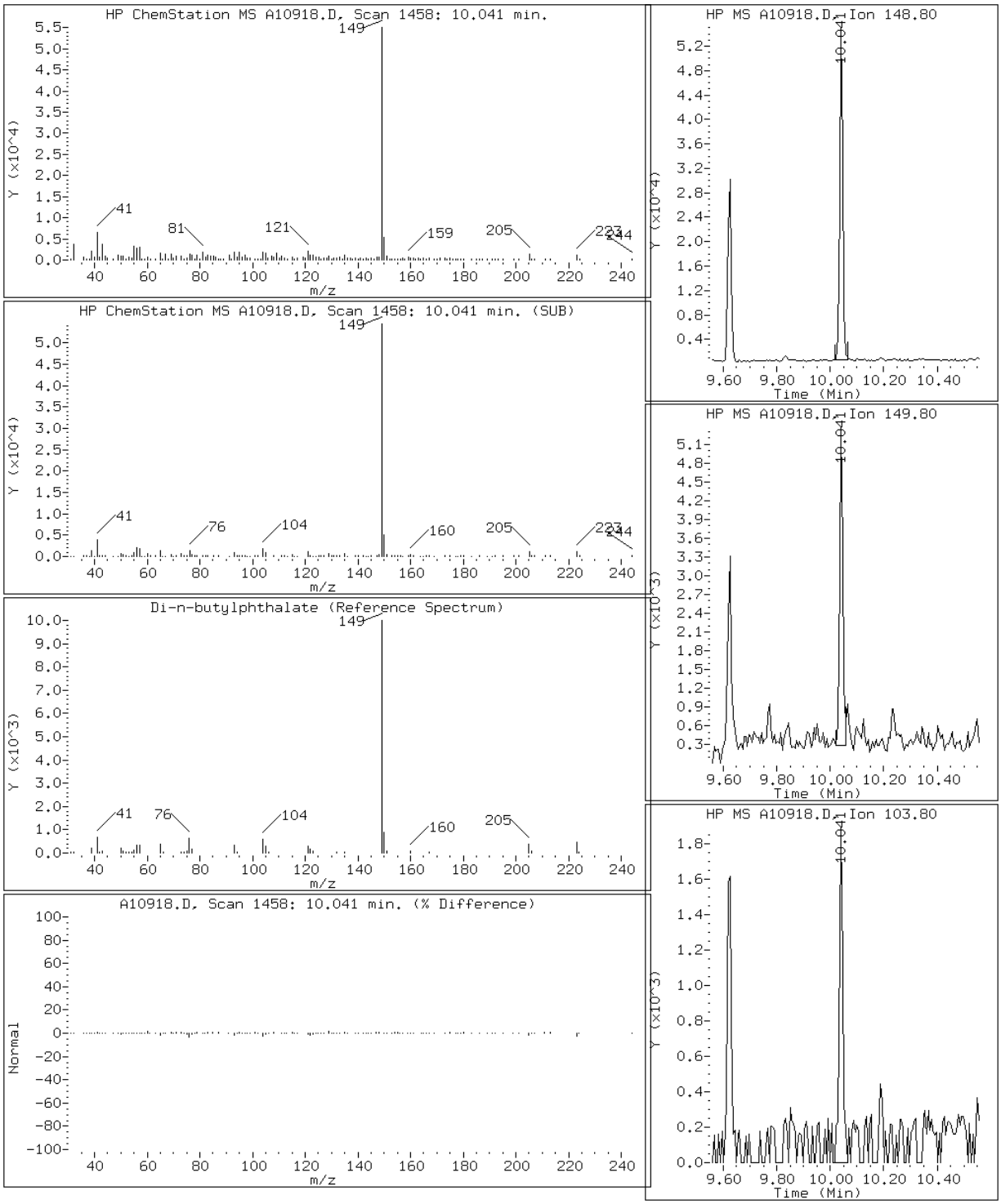
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Date: 07-MAY-2010 14:05

Client ID: MW-9 Instrument: msa.i

Sample Info: 220-12107-B-4-A Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9F | Lab Sample ID: 220-12107-5

Matrix: Water | Lab File ID: A10919.D

Analysis Method: 8270C | Date Collected: 04/30/2010 11:10

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 940(mL) | Date Analyzed: 05/07/2010 14:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.3	U	4.3	0.33
208-96-8	Acenaphthylene	4.3	U	4.3	0.36
120-12-7	Anthracene	4.3	U	4.3	0.31
56-55-3	Benzo[a]anthracene	4.3	U	4.3	0.32
50-32-8	Benzo[a]pyrene	4.3	U	4.3	0.37
205-99-2	Benzo[b]fluoranthene	4.3	U	4.3	0.38
191-24-2	Benzo[g,h,i]perylene	4.3	U	4.3	0.38
207-08-9	Benzo[k]fluoranthene	4.3	U	4.3	0.43
111-91-1	Bis(2-chloroethoxy)methane	4.3	U	4.3	0.33
111-44-4	Bis(2-chloroethyl)ether	4.3	U	4.3	0.31
117-81-7	Bis(2-ethylhexyl) phthalate	4.3	U	4.3	0.57
85-68-7	Butyl benzyl phthalate	4.3	U	4.3	0.37
86-74-8	Carbazole	4.3	U	4.3	0.35
218-01-9	Chrysene	4.3	U	4.3	0.27
84-74-2	Di-n-butyl phthalate	5.1	B	4.3	0.37
117-84-0	Di-n-octyl phthalate	4.3	U	4.3	0.40
101-55-3	4-Bromophenyl phenyl ether	4.3	U	4.3	0.47
106-47-8	4-Chloroaniline	4.3	U	4.3	0.31
91-58-7	2-Chloronaphthalene	4.3	U	4.3	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.3	U	4.3	0.37
53-70-3	Dibenz(a,h)anthracene	4.3	U	4.3	0.40
132-64-9	Dibenzofuran	4.3	U	4.3	0.46
84-66-2	Diethyl phthalate	4.3	U	4.3	0.46
131-11-3	Dimethyl phthalate	4.3	U	4.3	0.40
95-50-1	1,2-Dichlorobenzene	4.3	U	4.3	0.33
541-73-1	1,3-Dichlorobenzene	4.3	U	4.3	0.27
106-46-7	1,4-Dichlorobenzene	4.3	U	4.3	0.33
91-94-1	3,3'-Dichlorobenzidine	4.3	U	4.3	0.38
121-14-2	2,4-Dinitrotoluene	4.3	U	4.3	0.43
606-20-2	2,6-Dinitrotoluene	4.3	U	4.3	0.28
206-44-0	Fluoranthene	4.3	U	4.3	0.33
86-73-7	Fluorene	4.3	U	4.3	0.28
118-74-1	Hexachlorobenzene	4.3	U	4.3	0.35
87-68-3	Hexachlorobutadiene	4.3	U	4.3	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9F | Lab Sample ID: 220-12107-5

Matrix: Water | Lab File ID: A10919.D

Analysis Method: 8270C | Date Collected: 04/30/2010 11:10

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 940(mL) | Date Analyzed: 05/07/2010 14:33

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.3	U	4.3	0.37
67-72-1	Hexachloroethane	4.3	U	4.3	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.3	U	4.3	0.30
78-59-1	Isophorone	4.3	U	4.3	0.33
91-57-6	2-Methylnaphthalene	4.3	U	4.3	0.29
91-20-3	Naphthalene	4.3	U	4.3	0.32
88-74-4	2-Nitroaniline	4.3	U	4.3	0.36
99-09-2	3-Nitroaniline	4.3	U	4.3	0.24
98-95-3	Nitrobenzene	4.3	U	4.3	0.30
621-64-7	N-Nitrosodi-n-propylamine	4.3	U	4.3	0.35
86-30-6	N-Nitrosodiphenylamine	4.3	U	4.3	0.35
85-01-8	Phenanthrene	4.3	U	4.3	0.30
129-00-0	Pyrene	4.3	U	4.3	0.35
120-82-1	1,2,4-Trichlorobenzene	4.3	U	4.3	0.38
59-50-7	4-Chloro-3-methylphenol	5.3	U	5.3	0.36
95-57-8	2-Chlorophenol	4.3	U	4.3	0.24
95-48-7	2-Methylphenol	4.3	U	4.3	0.26
106-44-5	4-Methylphenol	4.3	U	4.3	0.31
120-83-2	2,4-Dichlorophenol	4.3	U	4.3	0.35
105-67-9	2,4-Dimethylphenol	4.3	U	4.3	0.35
51-28-5	2,4-Dinitrophenol	27	U	27	0.46
534-52-1	4,6-Dinitro-2-methylphenol	27	U	27	2.0
88-75-5	2-Nitrophenol	4.3	U	4.3	0.29
100-02-7	4-Nitrophenol	11	U	11	1.5
87-86-5	Pentachlorophenol	27	U	27	0.33
108-95-2	Phenol	4.3	U	4.3	0.20
95-95-4	2,4,5-Trichlorophenol	11	U	11	0.30
88-06-2	2,4,6-Trichlorophenol	4.3	U	4.3	0.39
100-51-6	Benzyl alcohol	4.3	U	4.3	0.44
100-01-6	4-Nitroaniline	4.3	U	4.3	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.3	U	4.3	0.27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-9F Lab Sample ID: 220-12107-5

Matrix: Water Lab File ID: A10919.D

Analysis Method: 8270C Date Collected: 04/30/2010 11:10

Extract. Method: 3510C Date Extracted: 05/06/2010 08:50

Sample wt/vol: 940(mL) Date Analyzed: 05/07/2010 14:33

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	81	39-120	
367-12-4	2-Fluorophenol	44	13-120	
118-79-6	2,4,6-Tribromophenol	67	36-120	
4165-60-0	Nitrobenzene-d5	76	40-120	
4165-62-2	Phenol-d5	31	10-120	
1718-51-0	Terphenyl-d14	71	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10919.D
Lab Smp Id: 220-12107-B-5-A Client Smp ID: MW-9F
Inj Date : 07-MAY-2010 14:33
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-5-A
Misc Info : 220-12107-B-5-A
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	940.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

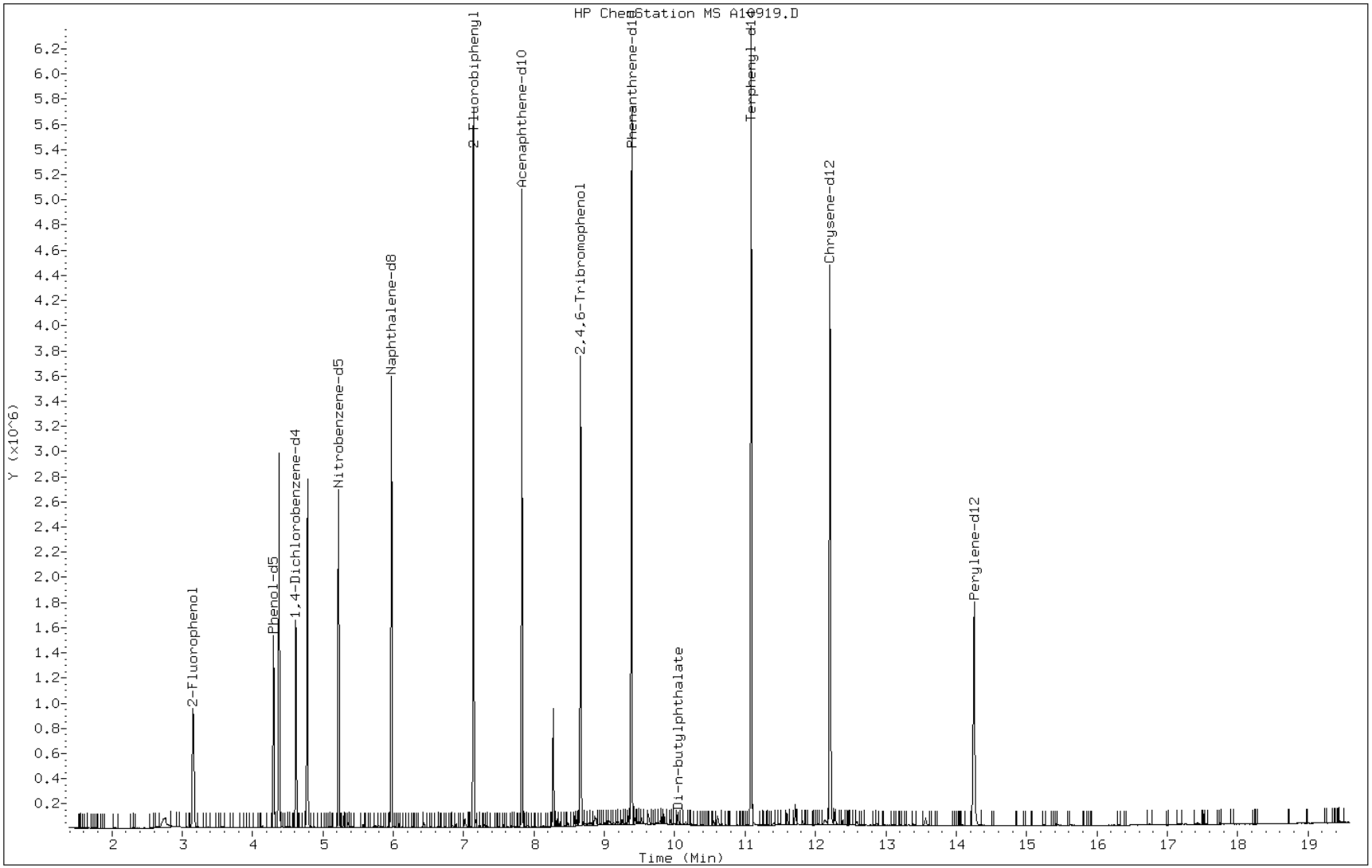
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	299319	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	468331	32.9815	35
$	3 Phenol-d5	99	4.301	4.318	(0.932)	542920	23.0093	24
*	20 Naphthalene-d8	136	5.974	5.980	(1.000)	1590423	20.0000	
$	21 Nitrobenzene-d5	82	5.226	5.232	(0.875)	873483	38.1391	41
*	35 Acenaphthene-d10	164	7.826	7.832	(1.000)	1210711	20.0000	
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.913)	2036578	40.4026	43
$	56 2,4,6-Tribromophenol	330	8.663	8.675	(1.107)	435760	50.2390	53
*	57 Phenanthrene-d10	188	9.387	9.393	(1.000)	2206229	20.0000	
	67 Di-n-butylphthalate	149	10.046	10.058	(1.070)	49769	4.79282	5
*	70 Chrysene-d12	240	12.206	12.224	(1.000)	1674183	20.0000	
$	73 Terphenyl-d14	244	11.090	11.091	(0.909)	2357369	35.4788	38
*	79 Perylene-d12	264	14.254	14.266	(1.000)	768866	20.0000	

Data File: A10919.D

Date: 07-MAY-2010 14:33

Client ID: MW-9F Instrument: msa.i

Sample Info: 220-12107-B-5-A Operator: S.Jonas



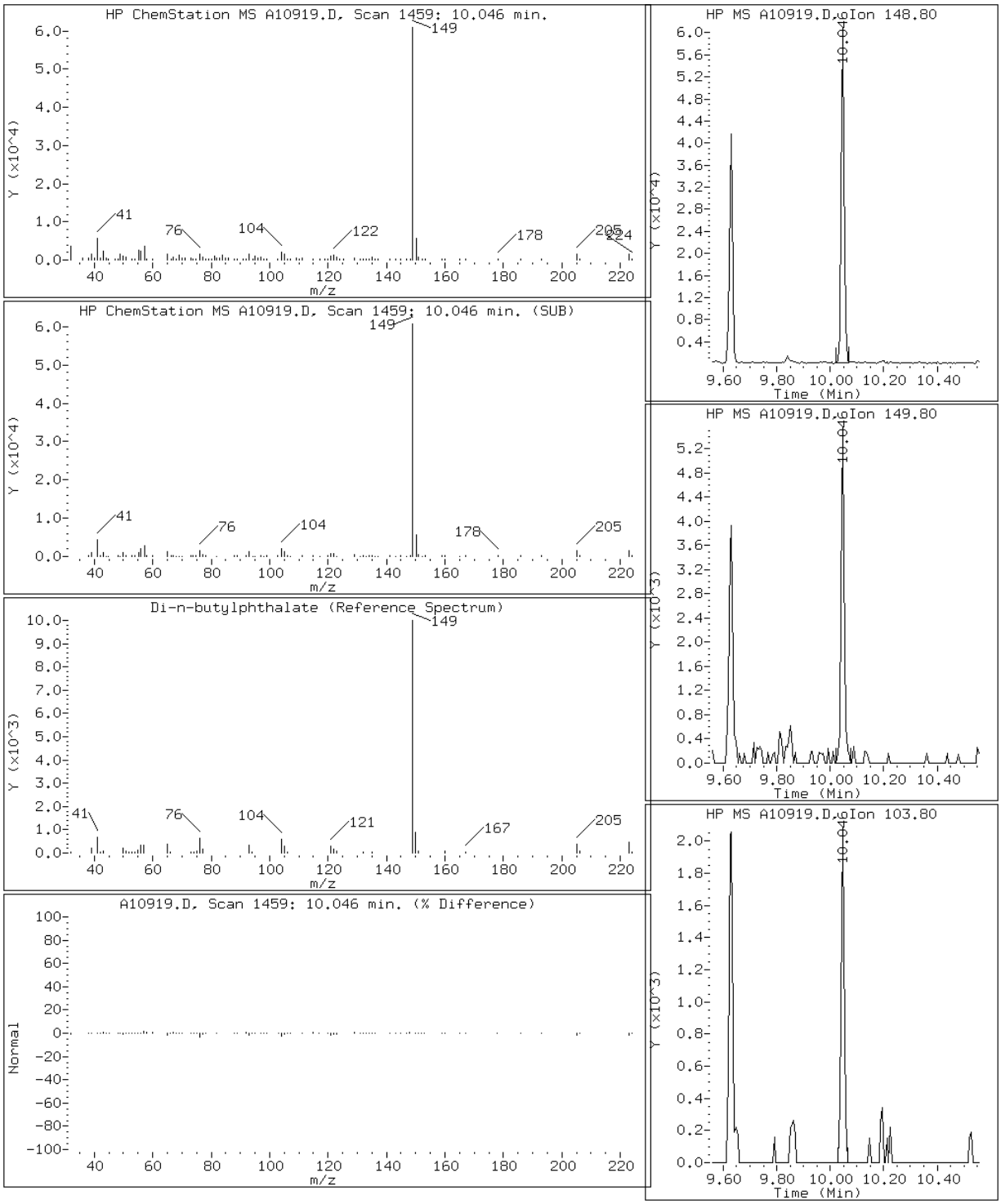
Data File: A10919.D

Date: 07-MAY-2010 14:33

Client ID: MW-9F Instrument: msa.i

Sample Info: 220-12107-B-5-A Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-7 | Lab Sample ID: 220-12107-6

Matrix: Water | Lab File ID: A10920.D

Analysis Method: 8270C | Date Collected: 04/30/2010 12:10

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 15:02

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	0.71	J	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	5.0	B	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	1.1	J	4.2	0.26
106-46-7	1,4-Dichlorobenzene	6.1		4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.4		4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-7 | Lab Sample ID: 220-12107-6

Matrix: Water | Lab File ID: A10920.D

Analysis Method: 8270C | Date Collected: 04/30/2010 12:10

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 15:02

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	1.3	J	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-7 | Lab Sample ID: 220-12107-6

Matrix: Water | Lab File ID: A10920.D

Analysis Method: 8270C | Date Collected: 04/30/2010 12:10

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/07/2010 15:02

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	82	39-120	
367-12-4	2-Fluorophenol	42	13-120	
118-79-6	2,4,6-Tribromophenol	66	36-120	
4165-60-0	Nitrobenzene-d5	77	40-120	
4165-62-2	Phenol-d5	30	10-120	
1718-51-0	Terphenyl-d14	81	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10920.D
Lab Smp Id: 220-12107-A-6-A Client Smp ID: MW-7
Inj Date : 07-MAY-2010 15:02
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-A-6-A
Misc Info : 220-12107-A-6-A
Comment :
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Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

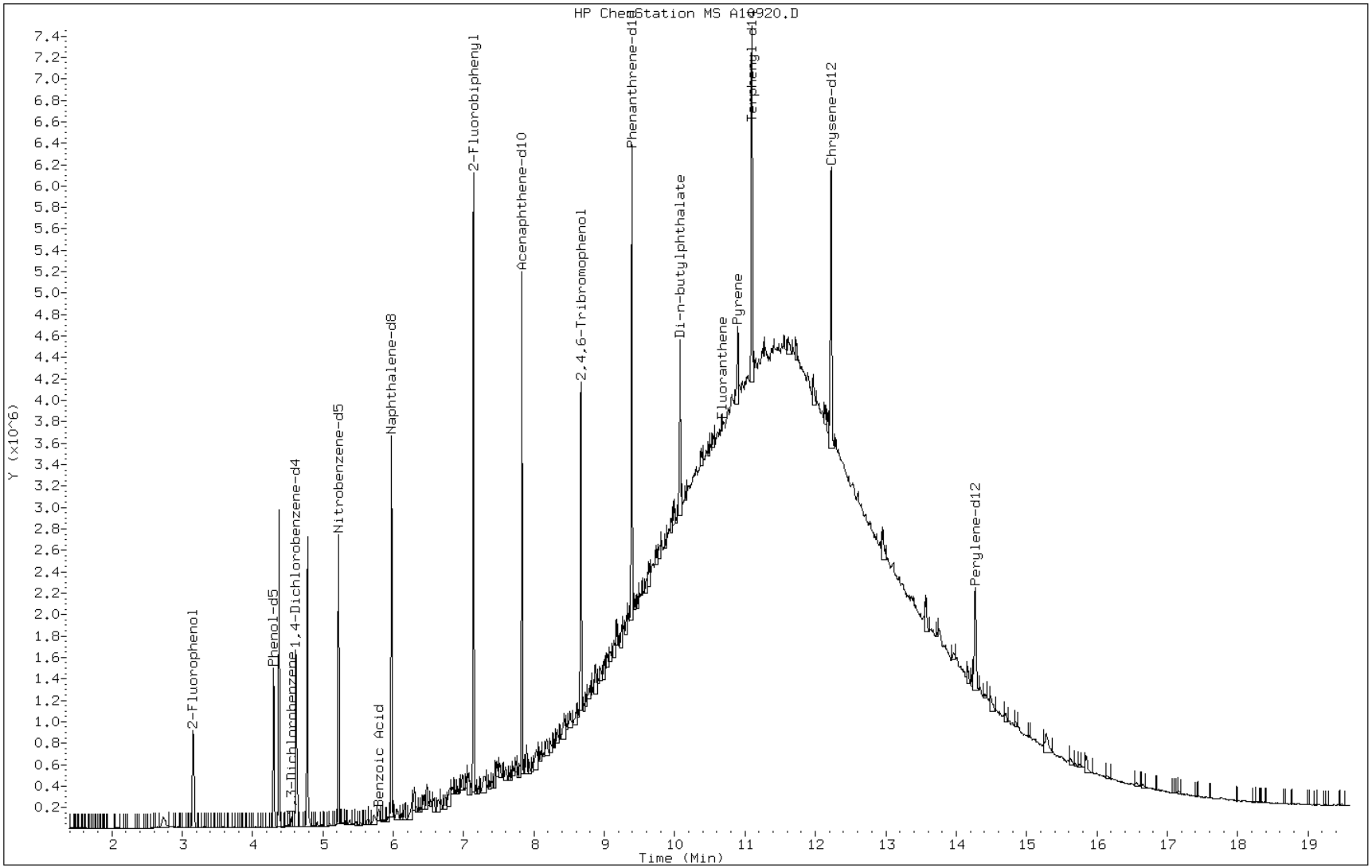
			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1	1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	300467	20.0000	
$	2	2-Fluorophenol	112	3.155	3.161	(0.684)	450382	31.5963	33
$	3	Phenol-d5	99	4.301	4.318	(0.932)	525590	22.1897	23
	11	1,3-Dichlorobenzene	146	4.550	4.556	(0.986)	24296	1.07488	1
	12	1,4-Dichlorobenzene	146	4.633	4.639	(1.004)	133461	5.88033	6
*	20	Naphthalene-d8	136	5.974	5.980	(1.000)	1581246	20.0000	
$	21	Nitrobenzene-d5	82	5.227	5.232	(0.875)	876356	38.4866	40
	26	Benzoic Acid	122	5.796	5.891	(0.970)	52519	2.94033	3
*	35	Acenaphthene-d10	164	7.826	7.832	(1.000)	1217954	20.0000	
$	40	2-Fluorobiphenyl	172	7.144	7.149	(0.913)	2067047	40.8085	43
$	56	2,4,6-Tribromophenol	330	8.669	8.675	(1.108)	435165	49.8720	52
*	57	Phenanthrene-d10	188	9.393	9.393	(1.000)	2033539	20.0000	
	67	Di-n-butylphthalate	149	10.058	10.058	(1.071)	58783	4.79970	5
	68	Fluoranthene	202	10.669	10.676	(1.136)	10105	4.18736	4
*	70	Chrysene-d12	240	12.224	12.224	(1.000)	1168438	20.0000	
	72	Pyrene	202	10.901	10.907	(0.892)	12591	1.29320	1
$	73	Terphenyl-d14	244	11.097	11.091	(0.908)	1867640	40.2747	42
	78	Bis(2-Ethylhexyl)phthalate	149	12.290	12.289	(1.005)	46997	0.68153	0.7
*	79	Perylene-d12	264	14.272	14.266	(1.000)	437892	20.0000	

Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas



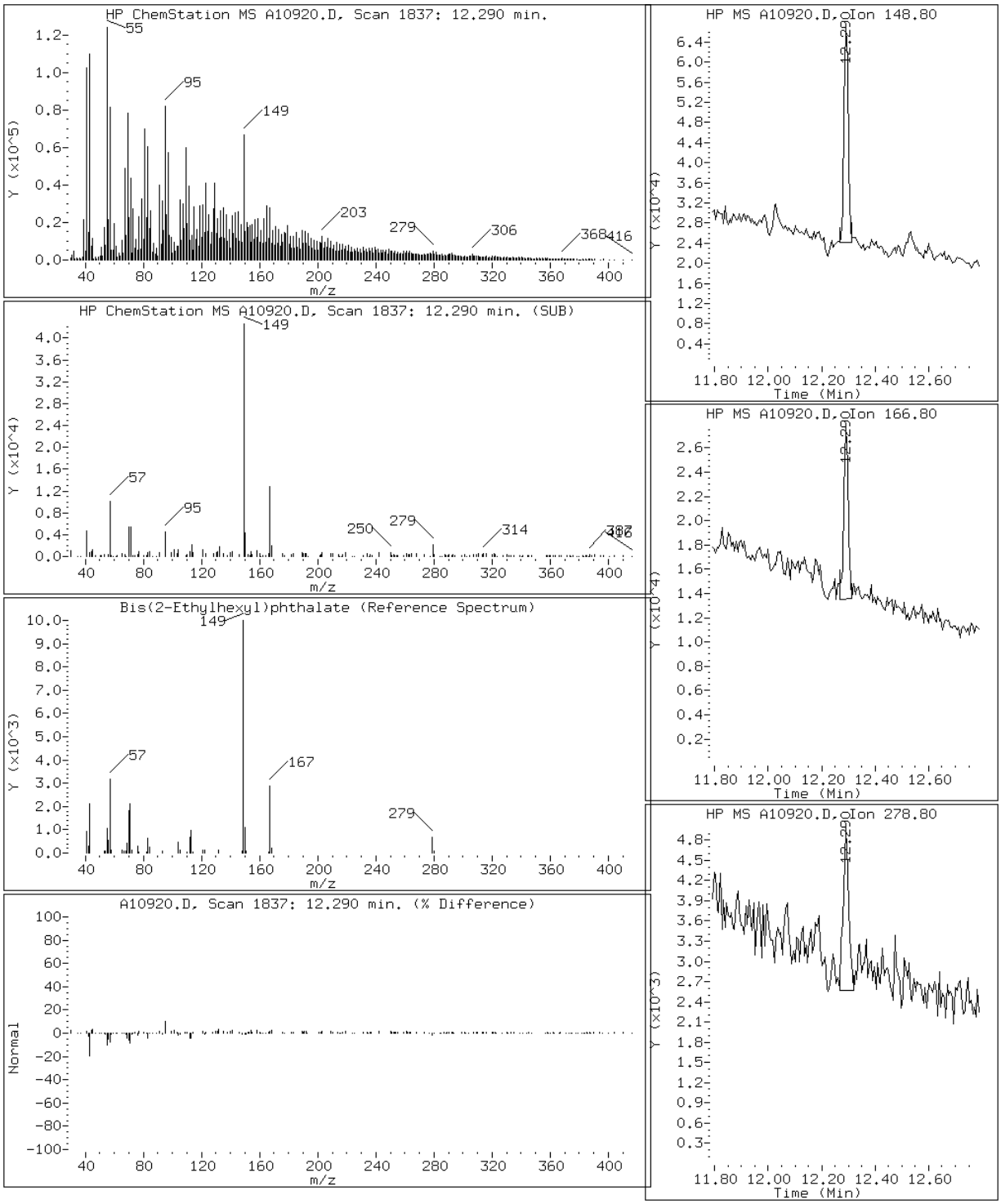
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

78 Bis(2-Ethylhexyl)phthalate



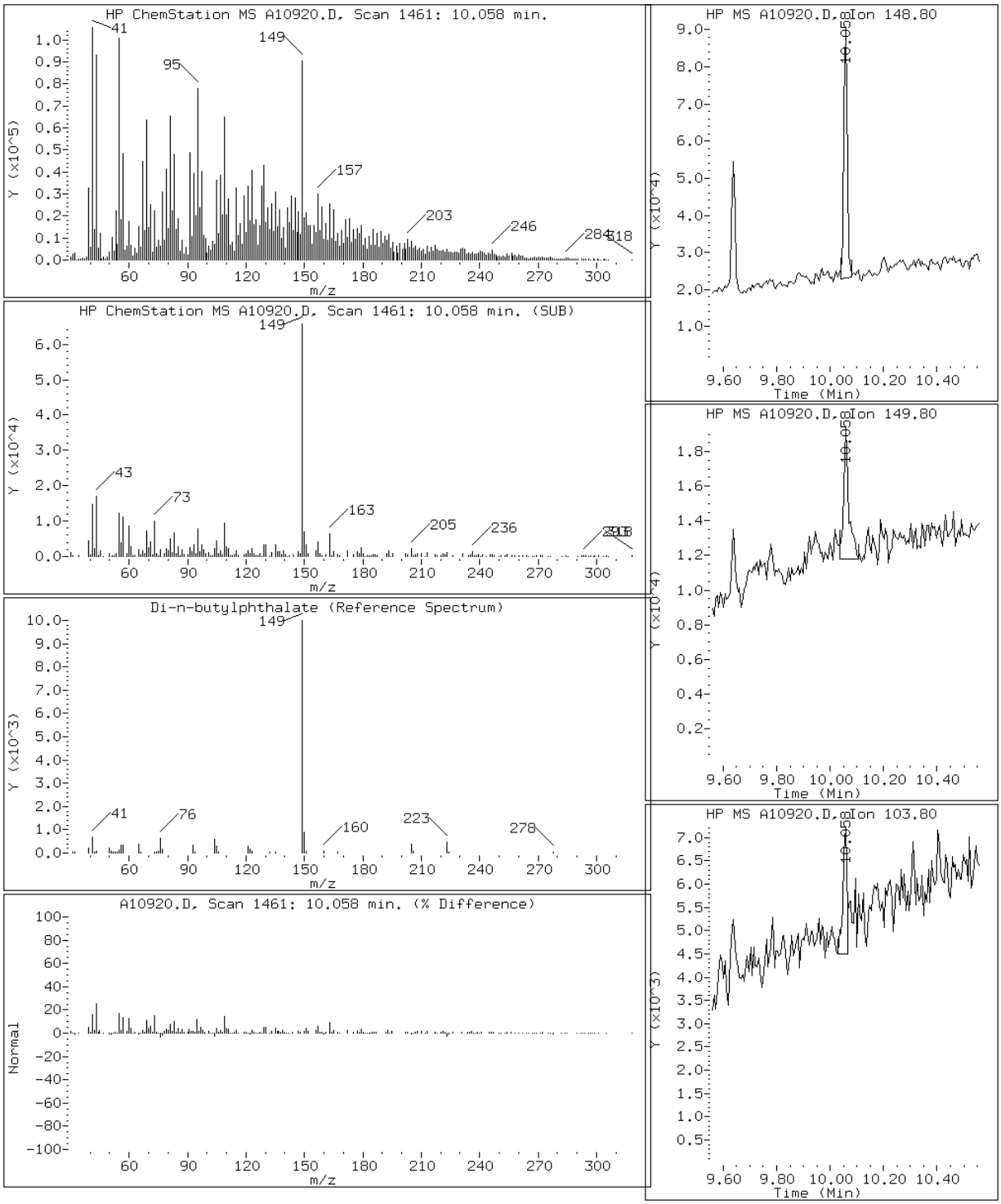
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

67 Di-n-butylphthalate



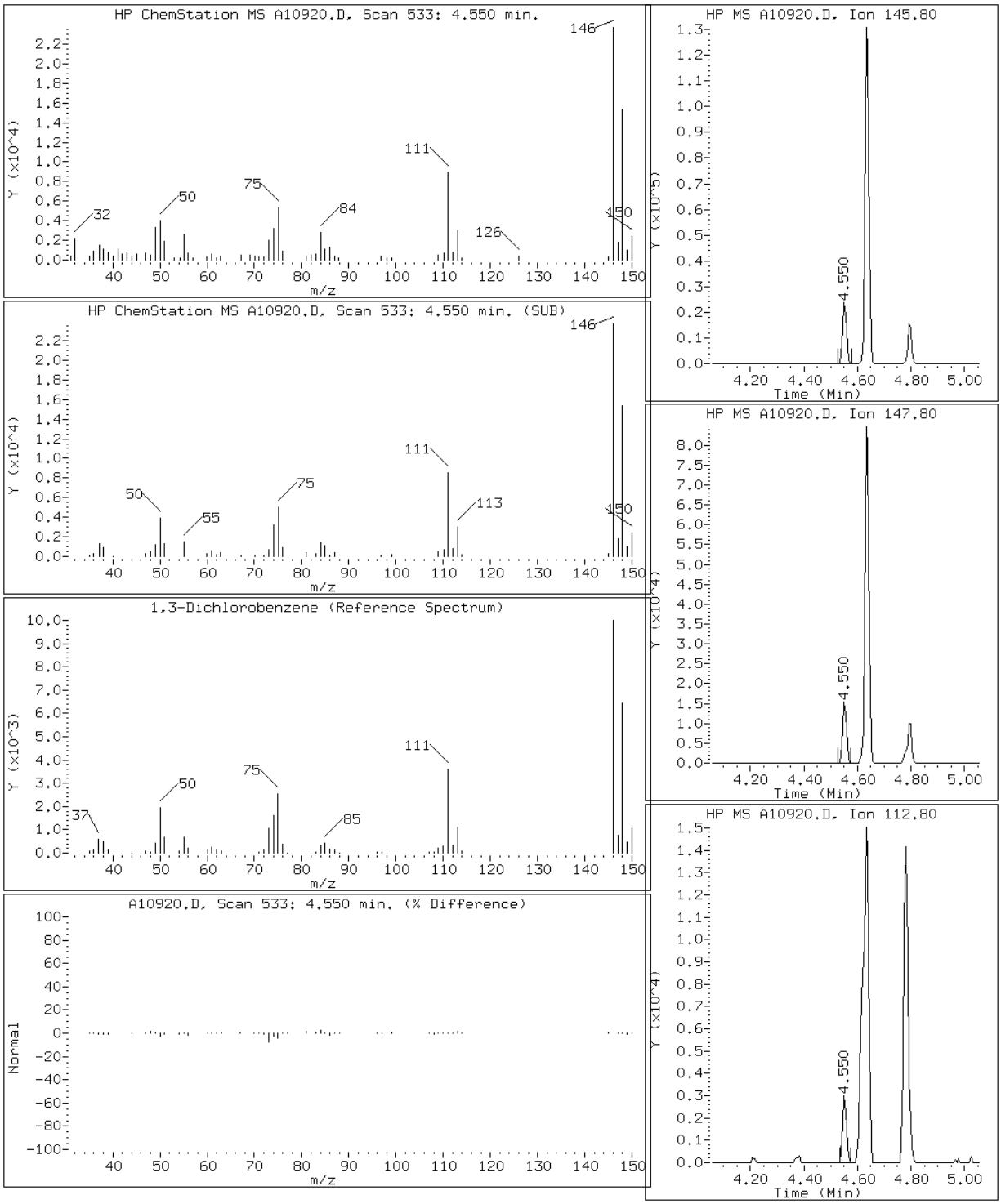
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

11 1,3-Dichlorobenzene



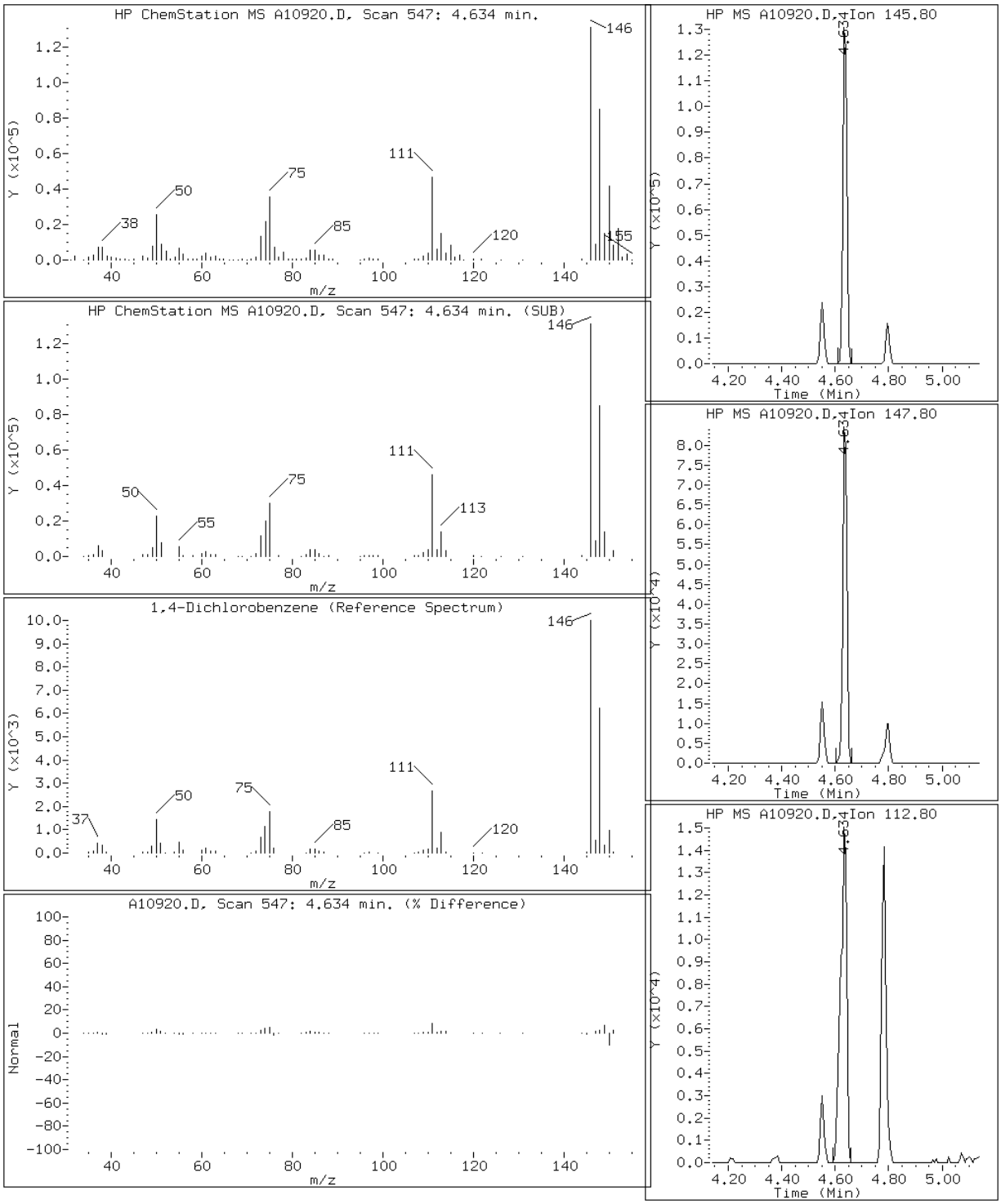
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

12 1,4-Dichlorobenzene



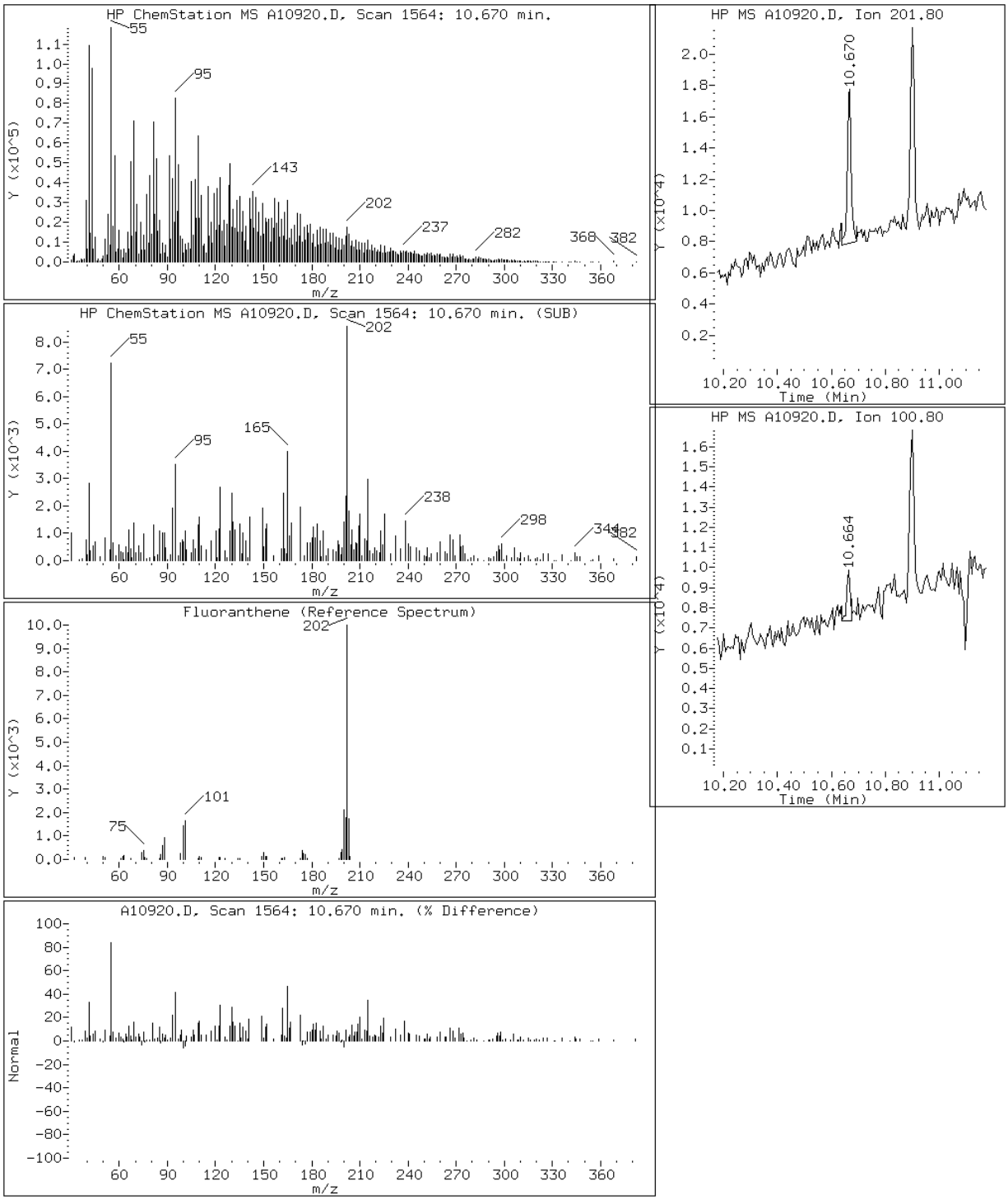
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

68 Fluoranthene



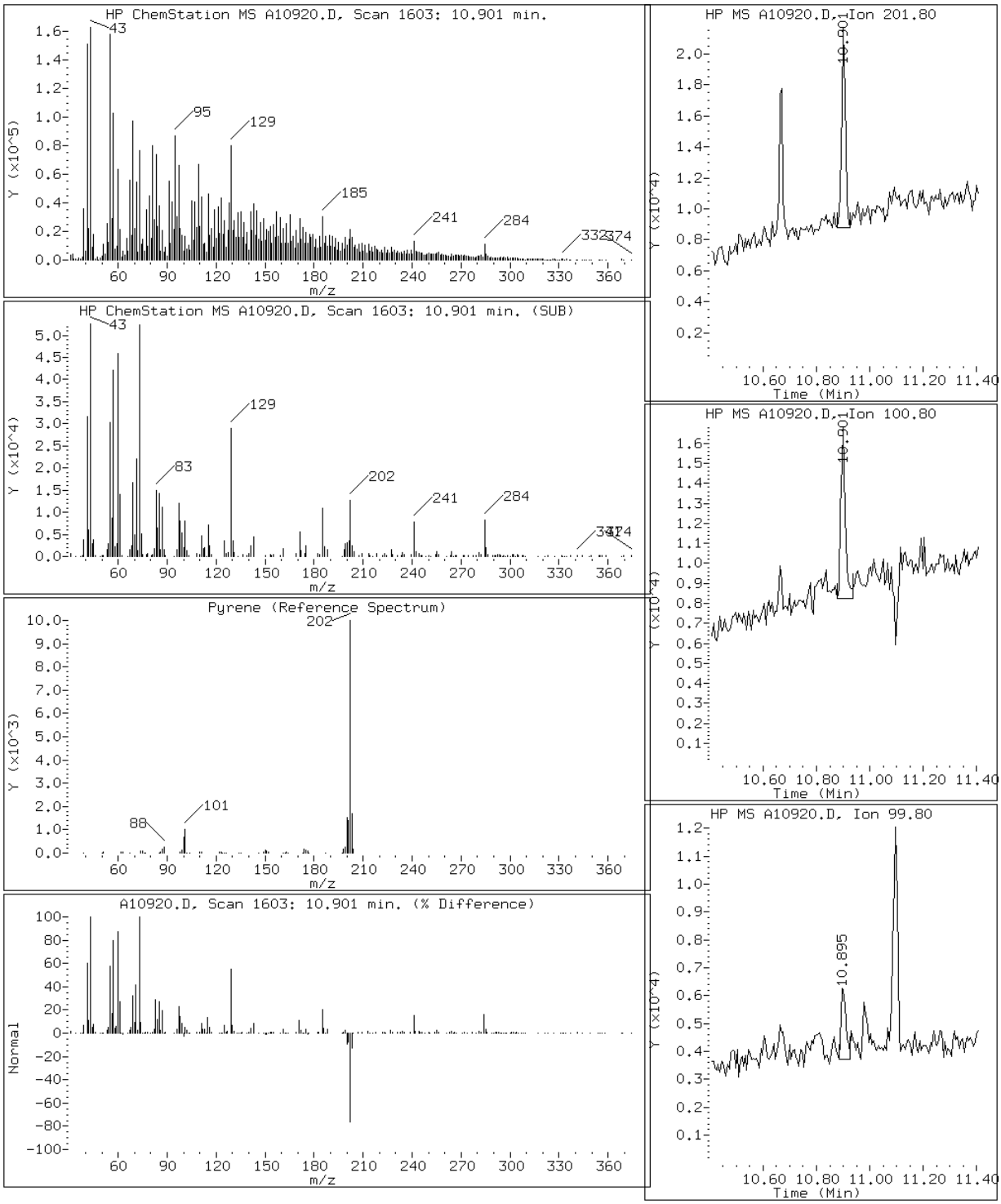
Data File: A10920.D

Date: 07-MAY-2010 15:02

Client ID: MW-7 Instrument: msa.i

Sample Info: 220-12107-A-6-A Operator: S.Jonas

72 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 220-12107-7

Matrix: Water | Lab File ID: A10921.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 15:30

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
120-12-7	Anthracene	4.0	U	4.0	0.29
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U	4.0	0.54
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
86-74-8	Carbazole	4.0	U	4.0	0.33
218-01-9	Chrysene	4.0	U	4.0	0.25
84-74-2	Di-n-butyl phthalate	4.8	B	4.0	0.35
117-84-0	Di-n-octyl phthalate	4.0	U	4.0	0.38
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
206-44-0	Fluoranthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 220-12107-7

Matrix: Water | Lab File ID: A10921.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 15:30

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
91-20-3	Naphthalene	4.0	U	4.0	0.30
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
85-01-8	Phenanthrene	4.0	U	4.0	0.28
129-00-0	Pyrene	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
100-02-7	4-Nitrophenol	10	U	10	1.4
87-86-5	Pentachlorophenol	25	U	25	0.31
108-95-2	Phenol	4.0	U	4.0	0.19
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 | Lab Sample ID: 220-12107-7

Matrix: Water | Lab File ID: A10921.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 15:30

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	81	39-120	
367-12-4	2-Fluorophenol	46	13-120	
118-79-6	2,4,6-Tribromophenol	69	36-120	
4165-60-0	Nitrobenzene-d5	77	40-120	
4165-62-2	Phenol-d5	32	10-120	
1718-51-0	Terphenyl-d14	71	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10921.D
Lab Smp Id: 220-12107-A-7-B Client Smp ID: MW-10
Inj Date : 07-MAY-2010 15:30
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-A-7-B
Misc Info : 220-12107-A-7-B
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

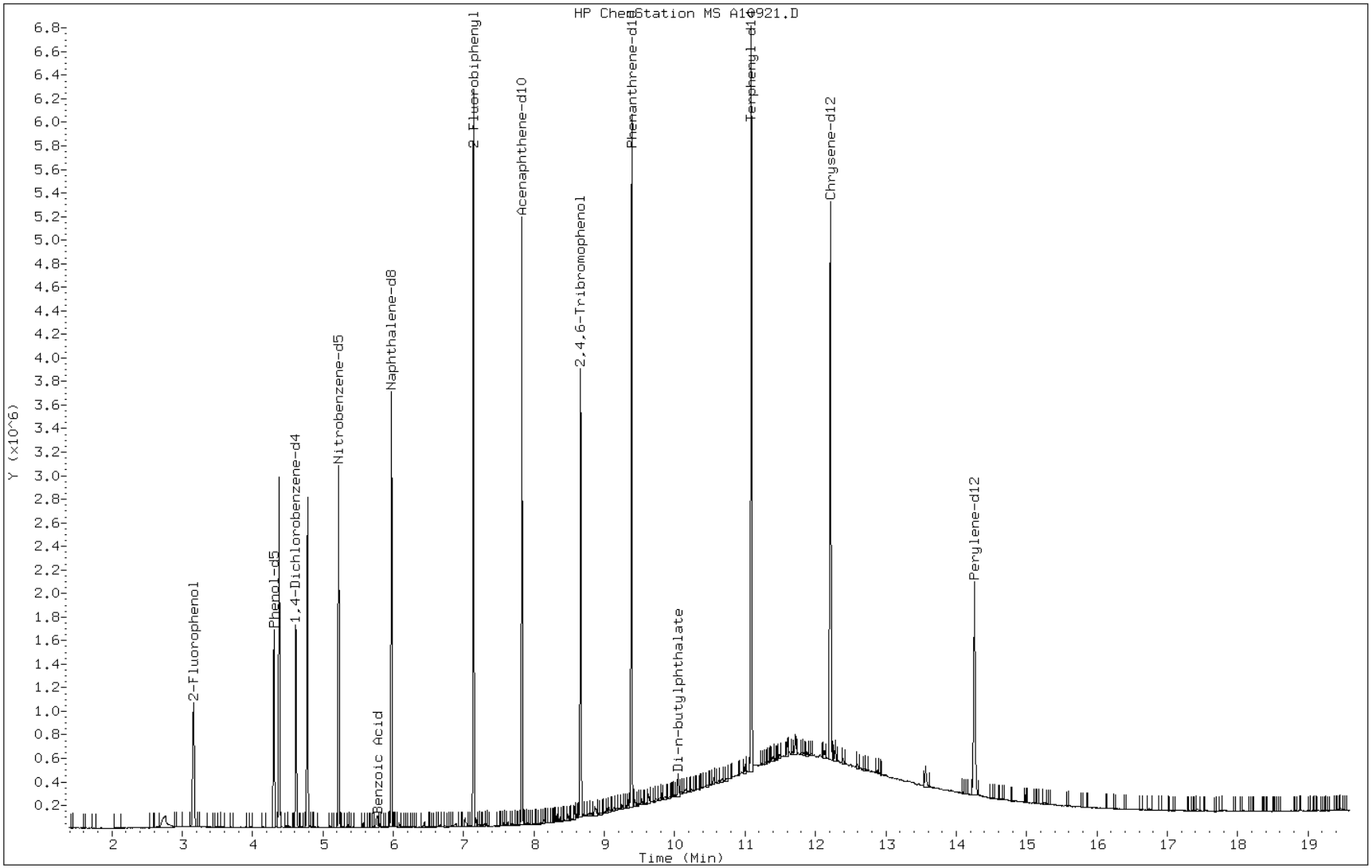
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	318023	20.0000	
$	2 2-Fluorophenol	112	3.161	3.161	(0.685)	518948	34.3967	34
$	3 Phenol-d5	99	4.306	4.318	(0.933)	592602	23.6377	24
*	20 Naphthalene-d8	136	5.974	5.980	(1.000)	1663310	20.0000	
$	21 Nitrobenzene-d5	82	5.226	5.232	(0.875)	925834	38.6535	39
	26 Benzoic Acid	122	5.778	5.891	(0.967)	33863	1.80232	2
*	35 Acenaphthene-d10	164	7.826	7.832	(1.000)	1261986	20.0000	
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.913)	2136819	40.7023	41
$	56 2,4,6-Tribromophenol	330	8.663	8.675	(1.107)	465168	51.4504	51
*	57 Phenanthrene-d10	188	9.387	9.393	(1.000)	2271068	20.0000	
	67 Di-n-butylphthalate	149	10.046	10.058	(1.070)	55951	4.79503	5
*	70 Chrysene-d12	240	12.212	12.224	(1.000)	1735321	20.0000	
$	73 Terphenyl-d14	244	11.091	11.091	(0.908)	2431601	35.3067	35
*	79 Perylene-d12	264	14.260	14.266	(1.000)	816020	20.0000	

Data File: A10921.D

Date: 07-MAY-2010 15:30

Client ID: MW-10 Instrument: msa.i

Sample Info: 220-12107-A-7-B Operator: S.Jonas



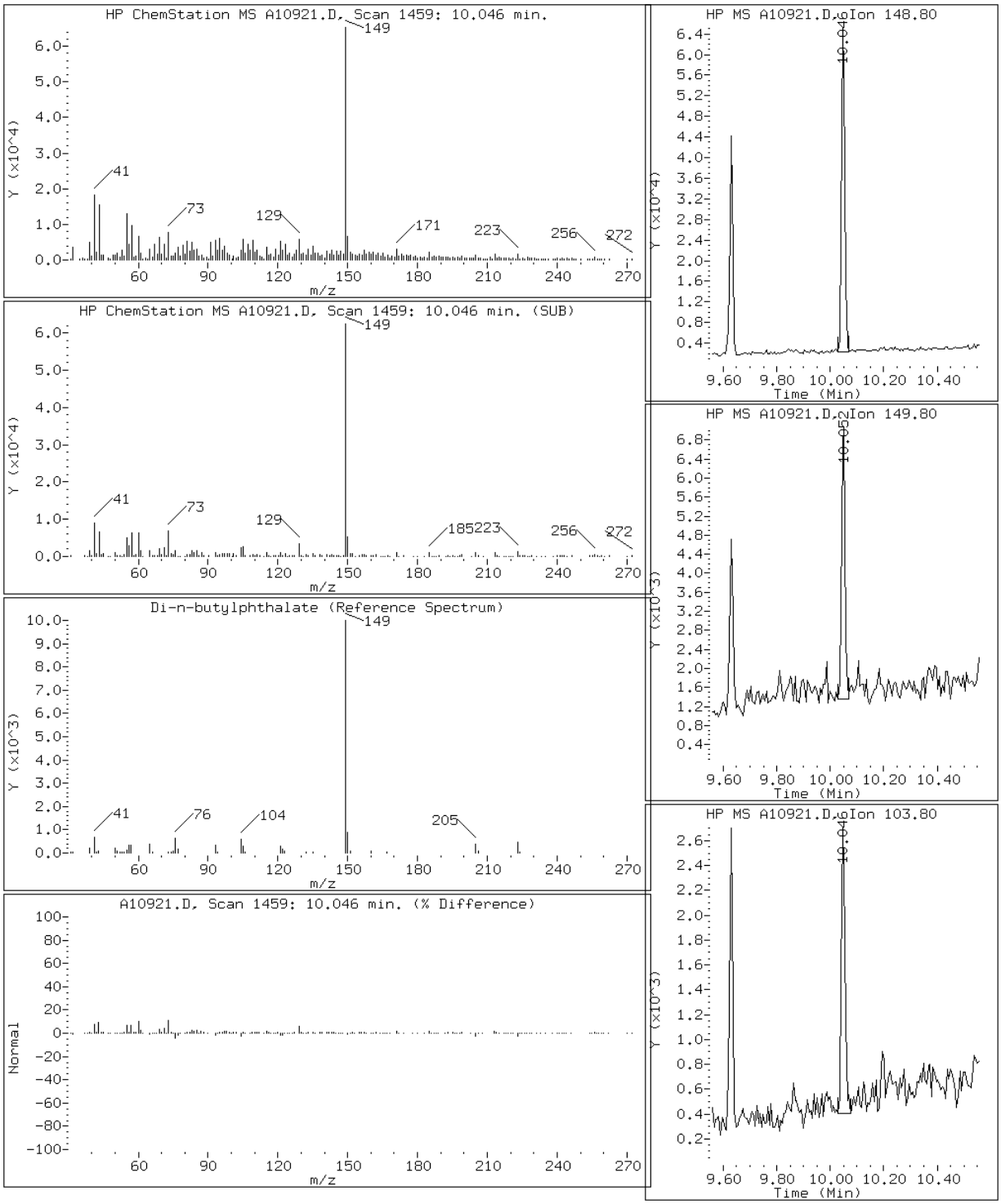
Data File: A10921.D

Date: 07-MAY-2010 15:30

Client ID: MW-10 Instrument: msa.i

Sample Info: 220-12107-A-7-B Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 220-12107-8

Matrix: Water | Lab File ID: Z16184.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:15

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/10/2010 17:14

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.32
208-96-8	Acenaphthylene	4.2	U	4.2	0.35
120-12-7	Anthracene	4.2	U	4.2	0.30
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.31
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.36
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.56
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.36
86-74-8	Carbazole	4.2	U	4.2	0.34
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	4.2	U	4.2	0.36
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.30
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.36
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.32
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.32
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.34
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 220-12107-8

Matrix: Water | Lab File ID: Z16184.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:15

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/10/2010 17:14

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.36
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.32
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.31
88-74-4	2-Nitroaniline	4.2	U	4.2	0.35
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.34
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.34
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.2	U	5.2	0.35
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.30
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.34
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.34
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	1.9
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	10	U	10	1.5
87-86-5	Pentachlorophenol	26	U	26	0.32
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-1 | Lab Sample ID: 220-12107-8

Matrix: Water | Lab File ID: Z16184.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:15

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 960(mL) | Date Analyzed: 05/10/2010 17:14

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	70	39-120	
367-12-4	2-Fluorophenol	41	13-120	
118-79-6	2,4,6-Tribromophenol	96	36-120	
4165-60-0	Nitrobenzene-d5	72	40-120	
4165-62-2	Phenol-d5	28	10-120	
1718-51-0	Terphenyl-d14	106	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Z16184.D
Lab Smp Id: 220-12107-B-8-A Client Smp ID: MW-1
Inj Date : 10-MAY-2010 17:14
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-12107-B-8-A
Misc Info : 220-12107-B-8-A
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\MSZ-8270C.m
Meth Date : 10-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	960.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

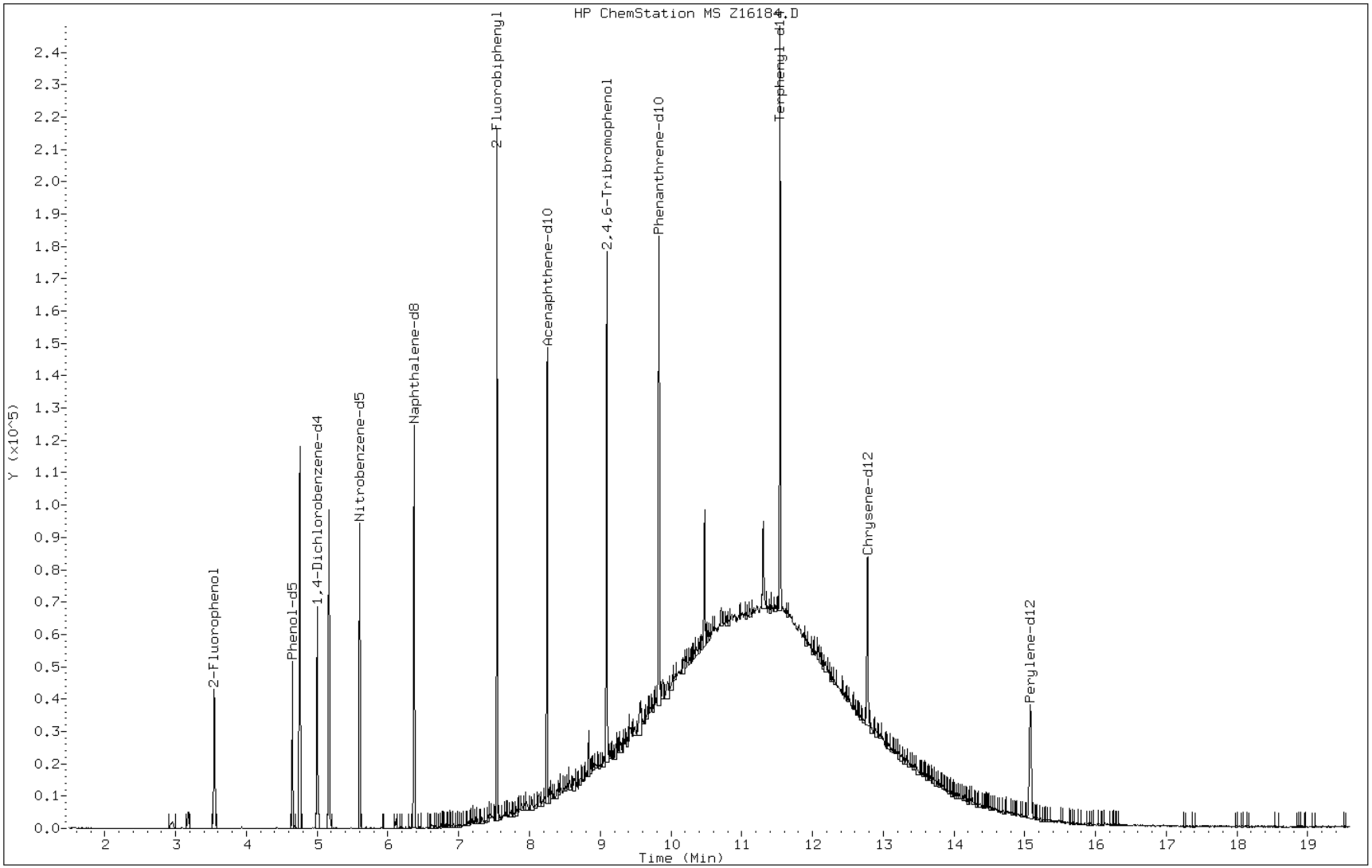
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.998	5.004	(1.000)	11017	20.0000	
$	2 2-Fluorophenol	112	3.545	3.551	(0.709)	17893	30.6896	32
$	3 Phenol-d5	99	4.651	4.663	(0.931)	16914	21.2868	22
*	20 Naphthalene-d8	136	6.368	6.374	(1.000)	49349	20.0000	
$	21 Nitrobenzene-d5	82	5.604	5.610	(0.880)	29744	36.0313	38
*	35 Acenaphthene-d10	164	8.251	8.256	(1.000)	31611	20.0000	
$	40 2-Fluorobiphenyl	172	7.545	7.545	(0.914)	67318	34.7799	36
$	56 2,4,6-Tribromophenol	330	9.092	9.098	(1.102)	20375	72.3290	75
*	57 Phenanthrene-d10	188	9.833	9.833	(1.000)	58480	20.0000	
*	70 Chrysene-d12	240	12.780	12.780	(1.000)	23171	20.0000	
$	73 Terphenyl-d14	244	11.545	11.544	(0.903)	63874	53.1806	55
*	79 Perylene-d12	264	15.080	15.074	(1.000)	20764	20.0000	

Data File: Z16184.D

Date: 10-MAY-2010 17:14

Client ID: MW-1 Instrument: msz.i

Sample Info: 220-12107-B-8-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 220-12107-9

Matrix: Water | Lab File ID: Z16185.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:45

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 950(mL) | Date Analyzed: 05/10/2010 17:42

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.2	U	4.2	0.33
208-96-8	Acenaphthylene	4.2	U	4.2	0.36
120-12-7	Anthracene	4.2	U	4.2	0.31
56-55-3	Benzo[a]anthracene	4.2	U	4.2	0.32
50-32-8	Benzo[a]pyrene	4.2	U	4.2	0.37
205-99-2	Benzo[b]fluoranthene	4.2	U	4.2	0.38
191-24-2	Benzo[g,h,i]perylene	4.2	U	4.2	0.38
207-08-9	Benzo[k]fluoranthene	4.2	U	4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	4.2	U	4.2	0.33
111-44-4	Bis(2-chloroethyl)ether	4.2	U	4.2	0.31
117-81-7	Bis(2-ethylhexyl) phthalate	4.2	U	4.2	0.57
85-68-7	Butyl benzyl phthalate	4.2	U	4.2	0.37
86-74-8	Carbazole	4.2	U	4.2	0.35
218-01-9	Chrysene	4.2	U	4.2	0.26
84-74-2	Di-n-butyl phthalate	4.2	U	4.2	0.37
117-84-0	Di-n-octyl phthalate	4.2	U	4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	4.2	U	4.2	0.46
106-47-8	4-Chloroaniline	4.2	U	4.2	0.31
91-58-7	2-Chloronaphthalene	4.2	U	4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	4.2	U	4.2	0.37
53-70-3	Dibenz(a,h)anthracene	4.2	U	4.2	0.40
132-64-9	Dibenzofuran	4.2	U	4.2	0.45
84-66-2	Diethyl phthalate	4.2	U	4.2	0.45
131-11-3	Dimethyl phthalate	4.2	U	4.2	0.40
95-50-1	1,2-Dichlorobenzene	4.2	U	4.2	0.33
541-73-1	1,3-Dichlorobenzene	4.2	U	4.2	0.26
106-46-7	1,4-Dichlorobenzene	4.2	U	4.2	0.33
91-94-1	3,3'-Dichlorobenzidine	4.2	U	4.2	0.38
121-14-2	2,4-Dinitrotoluene	4.2	U	4.2	0.42
606-20-2	2,6-Dinitrotoluene	4.2	U	4.2	0.27
206-44-0	Fluoranthene	4.2	U	4.2	0.33
86-73-7	Fluorene	4.2	U	4.2	0.27
118-74-1	Hexachlorobenzene	4.2	U	4.2	0.35
87-68-3	Hexachlorobutadiene	4.2	U	4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 220-12107-9

Matrix: Water | Lab File ID: Z16185.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:45

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 950(mL) | Date Analyzed: 05/10/2010 17:42

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.2	U	4.2	0.37
67-72-1	Hexachloroethane	4.2	U	4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	4.2	U	4.2	0.29
78-59-1	Isophorone	4.2	U	4.2	0.33
91-57-6	2-Methylnaphthalene	4.2	U	4.2	0.28
91-20-3	Naphthalene	4.2	U	4.2	0.32
88-74-4	2-Nitroaniline	4.2	U	4.2	0.36
99-09-2	3-Nitroaniline	4.2	U	4.2	0.24
98-95-3	Nitrobenzene	4.2	U	4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	4.2	U	4.2	0.35
86-30-6	N-Nitrosodiphenylamine	4.2	U	4.2	0.35
85-01-8	Phenanthrene	4.2	U	4.2	0.29
129-00-0	Pyrene	4.2	U	4.2	0.35
120-82-1	1,2,4-Trichlorobenzene	4.2	U	4.2	0.38
59-50-7	4-Chloro-3-methylphenol	5.3	U	5.3	0.36
95-57-8	2-Chlorophenol	4.2	U	4.2	0.24
95-48-7	2-Methylphenol	4.2	U	4.2	0.25
106-44-5	4-Methylphenol	4.2	U	4.2	0.31
120-83-2	2,4-Dichlorophenol	4.2	U	4.2	0.35
105-67-9	2,4-Dimethylphenol	4.2	U	4.2	0.35
51-28-5	2,4-Dinitrophenol	26	U	26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	26	U	26	2.0
88-75-5	2-Nitrophenol	4.2	U	4.2	0.28
100-02-7	4-Nitrophenol	11	U	11	1.5
87-86-5	Pentachlorophenol	26	U	26	0.33
108-95-2	Phenol	4.2	U	4.2	0.20
95-95-4	2,4,5-Trichlorophenol	11	U	11	0.29
88-06-2	2,4,6-Trichlorophenol	4.2	U	4.2	0.39
100-51-6	Benzyl alcohol	4.2	U	4.2	0.43
100-01-6	4-Nitroaniline	4.2	U	4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	4.2	U	4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-2 | Lab Sample ID: 220-12107-9

Matrix: Water | Lab File ID: Z16185.D

Analysis Method: 8270C | Date Collected: 04/30/2010 14:45

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 950(mL) | Date Analyzed: 05/10/2010 17:42

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	70	39-120	
367-12-4	2-Fluorophenol	44	13-120	
118-79-6	2,4,6-Tribromophenol	96	36-120	
4165-60-0	Nitrobenzene-d5	74	40-120	
4165-62-2	Phenol-d5	32	10-120	
1718-51-0	Terphenyl-d14	105	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Z16185.D
Lab Smp Id: 220-12107-B-9-A Client Smp ID: MW-2
Inj Date : 10-MAY-2010 17:42
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-12107-B-9-A
Misc Info : 220-12107-B-9-A
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\MSZ-8270C.m
Meth Date : 10-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	950.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

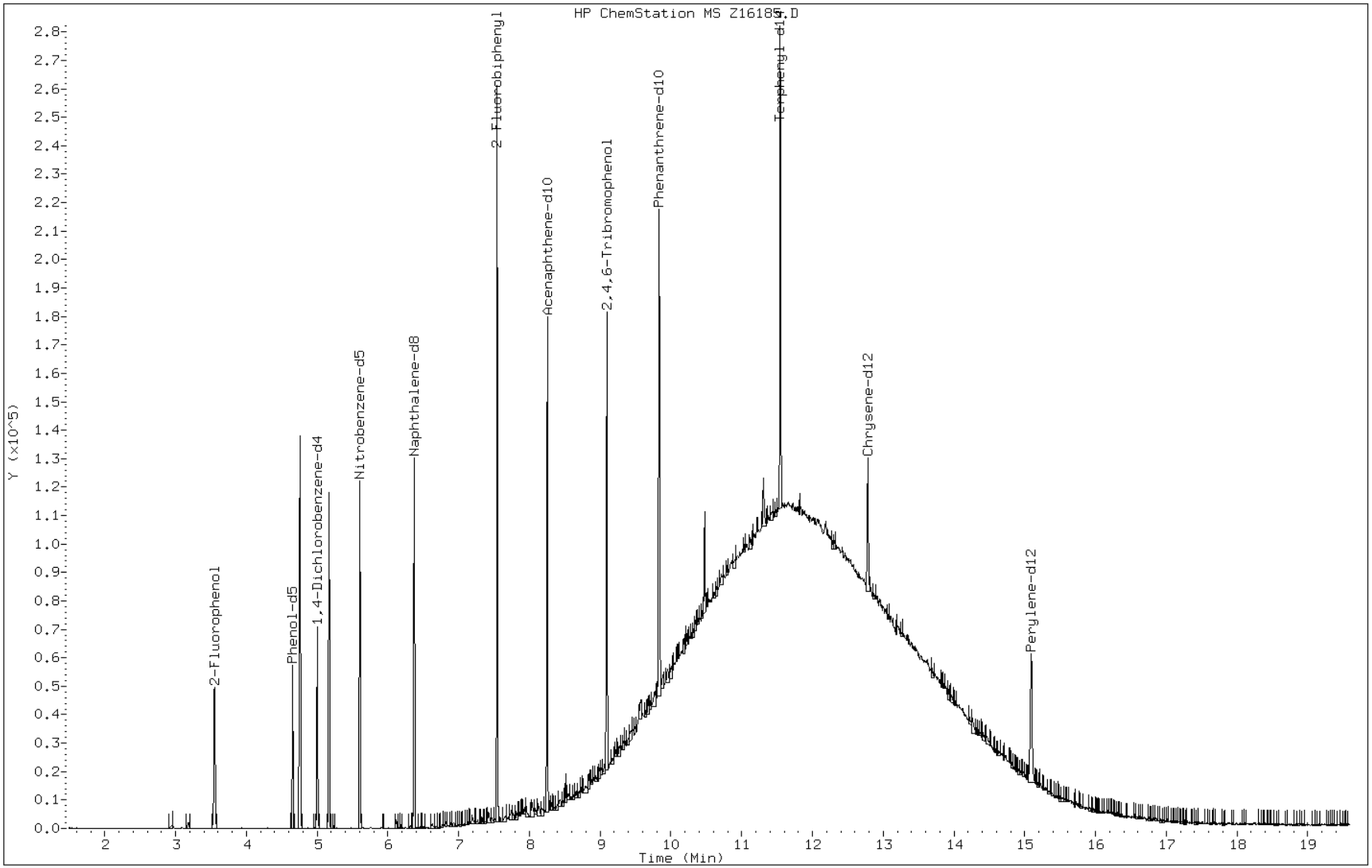
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	5.004	5.004	(1.000)	12041	20.0000	
$	2 2-Fluorophenol	112	3.551	3.551	(0.710)	21145	33.1831	35
$	3 Phenol-d5	99	4.651	4.663	(0.929)	20600	23.7209	25
*	20 Naphthalene-d8	136	6.369	6.374	(1.000)	55719	20.0000	
$	21 Nitrobenzene-d5	82	5.604	5.610	(0.880)	34502	37.0168	39
*	35 Acenaphthene-d10	164	8.251	8.256	(1.000)	36013	20.0000	
$	40 2-Fluorobiphenyl	172	7.545	7.545	(0.914)	77503	35.1476	37
$	56 2,4,6-Tribromophenol	330	9.098	9.098	(1.103)	23216	72.3405	76
*	57 Phenanthrene-d10	188	9.833	9.833	(1.000)	64058	20.0000	
*	70 Chrysene-d12	240	12.780	12.780	(1.000)	23386	20.0000	
$	73 Terphenyl-d14	244	11.545	11.544	(0.903)	63627	52.4879	55
*	79 Perylene-d12	264	15.092	15.074	(1.000)	24505	20.0000	

Data File: Z16185.D

Date: 10-MAY-2010 17:42

Client ID: MW-2 Instrument: msz.i

Sample Info: 220-12107-B-9-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 220-12107-10

Matrix: Water | Lab File ID: Z16186.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 920(mL) | Date Analyzed: 05/10/2010 18:09

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.3	U	4.3	0.34
208-96-8	Acenaphthylene	4.3	U	4.3	0.37
120-12-7	Anthracene	4.3	U	4.3	0.32
56-55-3	Benzo[a]anthracene	4.3	U	4.3	0.33
50-32-8	Benzo[a]pyrene	4.3	U	4.3	0.38
205-99-2	Benzo[b]fluoranthene	4.3	U	4.3	0.39
191-24-2	Benzo[g,h,i]perylene	4.3	U	4.3	0.39
207-08-9	Benzo[k]fluoranthene	4.3	U	4.3	0.43
111-91-1	Bis(2-chloroethoxy)methane	4.3	U	4.3	0.34
111-44-4	Bis(2-chloroethyl)ether	4.3	U	4.3	0.32
117-81-7	Bis(2-ethylhexyl) phthalate	4.3	U	4.3	0.59
85-68-7	Butyl benzyl phthalate	4.3	U	4.3	0.38
86-74-8	Carbazole	4.3	U	4.3	0.36
218-01-9	Chrysene	4.3	U	4.3	0.27
84-74-2	Di-n-butyl phthalate	4.3	U	4.3	0.38
117-84-0	Di-n-octyl phthalate	4.3	U	4.3	0.41
101-55-3	4-Bromophenyl phenyl ether	4.3	U	4.3	0.48
106-47-8	4-Chloroaniline	4.3	U	4.3	0.32
91-58-7	2-Chloronaphthalene	4.3	U	4.3	0.42
7005-72-3	4-Chlorophenyl phenyl ether	4.3	U	4.3	0.38
53-70-3	Dibenz(a,h)anthracene	4.3	U	4.3	0.41
132-64-9	Dibenzofuran	4.3	U	4.3	0.47
84-66-2	Diethyl phthalate	4.3	U	4.3	0.47
131-11-3	Dimethyl phthalate	4.3	U	4.3	0.41
95-50-1	1,2-Dichlorobenzene	4.3	U	4.3	0.34
541-73-1	1,3-Dichlorobenzene	4.3	U	4.3	0.27
106-46-7	1,4-Dichlorobenzene	4.3	U	4.3	0.34
91-94-1	3,3'-Dichlorobenzidine	4.3	U	4.3	0.39
121-14-2	2,4-Dinitrotoluene	4.3	U	4.3	0.43
606-20-2	2,6-Dinitrotoluene	4.3	U	4.3	0.28
206-44-0	Fluoranthene	4.3	U	4.3	0.34
86-73-7	Fluorene	4.3	U	4.3	0.28
118-74-1	Hexachlorobenzene	4.3	U	4.3	0.36
87-68-3	Hexachlorobutadiene	4.3	U	4.3	0.22

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 220-12107-10

Matrix: Water | Lab File ID: Z16186.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 920(mL) | Date Analyzed: 05/10/2010 18:09

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.3	U	4.3	0.38
67-72-1	Hexachloroethane	4.3	U	4.3	0.40
193-39-5	Indeno[1,2,3-cd]pyrene	4.3	U	4.3	0.30
78-59-1	Isophorone	4.3	U	4.3	0.34
91-57-6	2-Methylnaphthalene	4.3	U	4.3	0.29
91-20-3	Naphthalene	4.3	U	4.3	0.33
88-74-4	2-Nitroaniline	4.3	U	4.3	0.37
99-09-2	3-Nitroaniline	4.3	U	4.3	0.25
98-95-3	Nitrobenzene	4.3	U	4.3	0.30
621-64-7	N-Nitrosodi-n-propylamine	4.3	U	4.3	0.36
86-30-6	N-Nitrosodiphenylamine	4.3	U	4.3	0.36
85-01-8	Phenanthrene	4.3	U	4.3	0.30
129-00-0	Pyrene	4.3	U	4.3	0.36
120-82-1	1,2,4-Trichlorobenzene	4.3	U	4.3	0.39
59-50-7	4-Chloro-3-methylphenol	5.4	U	5.4	0.37
95-57-8	2-Chlorophenol	4.3	U	4.3	0.25
95-48-7	2-Methylphenol	4.3	U	4.3	0.26
106-44-5	4-Methylphenol	4.3	U	4.3	0.32
120-83-2	2,4-Dichlorophenol	4.3	U	4.3	0.36
105-67-9	2,4-Dimethylphenol	4.3	U	4.3	0.36
51-28-5	2,4-Dinitrophenol	27	U	27	0.47
534-52-1	4,6-Dinitro-2-methylphenol	27	U	27	2.0
88-75-5	2-Nitrophenol	4.3	U	4.3	0.29
100-02-7	4-Nitrophenol	11	U	11	1.6
87-86-5	Pentachlorophenol	27	U	27	0.34
108-95-2	Phenol	4.3	U	4.3	0.21
95-95-4	2,4,5-Trichlorophenol	11	U	11	0.30
88-06-2	2,4,6-Trichlorophenol	4.3	U	4.3	0.40
100-51-6	Benzyl alcohol	4.3	U	4.3	0.45
100-01-6	4-Nitroaniline	4.3	U	4.3	0.22
108-60-1	2,2'-oxybis[1-chloropropane]	4.3	U	4.3	0.27

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-3 | Lab Sample ID: 220-12107-10

Matrix: Water | Lab File ID: Z16186.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 920(mL) | Date Analyzed: 05/10/2010 18:09

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	68	39-120	
367-12-4	2-Fluorophenol	43	13-120	
118-79-6	2,4,6-Tribromophenol	94	36-120	
4165-60-0	Nitrobenzene-d5	73	40-120	
4165-62-2	Phenol-d5	30	10-120	
1718-51-0	Terphenyl-d14	109	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Z16186.D
Lab Smp Id: 220-12107-A-10-A Client Smp ID: MW-3
Inj Date : 10-MAY-2010 18:09
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-12107-A-10-A
Misc Info : 220-12107-A-10-A
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\MSZ-8270C.m
Meth Date : 10-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	920.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

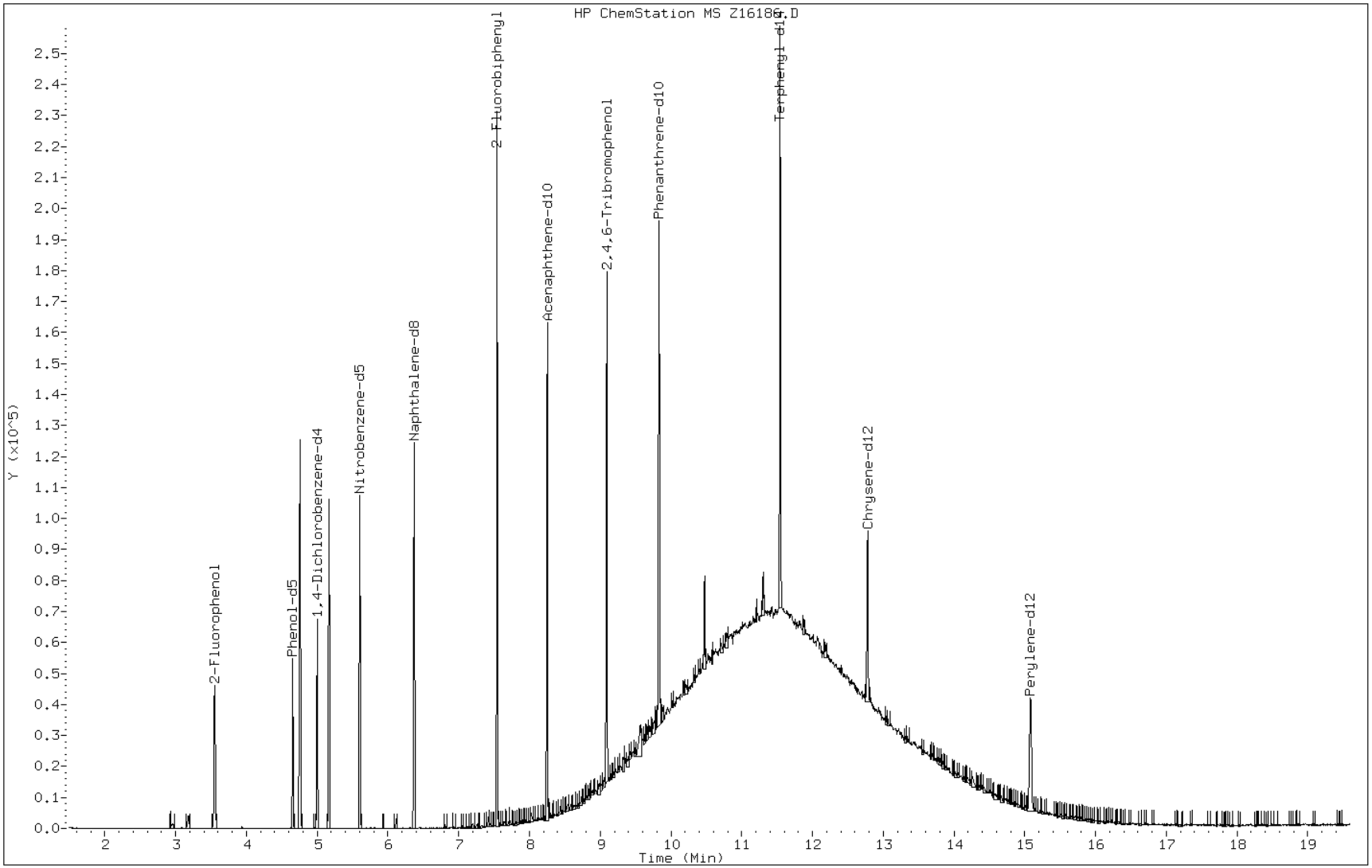
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.998	5.004	(1.000)	11167	20.0000	
$	2 2-Fluorophenol	112	3.551	3.551	(0.711)	19001	32.1522	35
$	3 Phenol-d5	99	4.657	4.663	(0.932)	17989	22.3356	24
*	20 Naphthalene-d8	136	6.368	6.374	(1.000)	50951	20.0000	
$	21 Nitrobenzene-d5	82	5.604	5.610	(0.880)	31105	36.4952	40
*	35 Acenaphthene-d10	164	8.251	8.256	(1.000)	33480	20.0000	
$	40 2-Fluorobiphenyl	172	7.545	7.545	(0.914)	69461	33.8837	37
$	56 2,4,6-Tribromophenol	330	9.092	9.098	(1.102)	20983	70.3291	76
*	57 Phenanthrene-d10	188	9.833	9.833	(1.000)	61669	20.0000	
*	70 Chrysene-d12	240	12.780	12.780	(1.000)	23202	20.0000	
$	73 Terphenyl-d14	244	11.544	11.544	(0.903)	65614	54.5563	59
*	79 Perylene-d12	264	15.080	15.074	(1.000)	21292	20.0000	

Data File: Z16186.D

Date: 10-MAY-2010 18:09

Client ID: MW-3 Instrument: msz.i

Sample Info: 220-12107-A-10-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 220-12107-11

Matrix: Water | Lab File ID: Z16187.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:40

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:52

Sample wt/vol: 1000(mL) | Date Analyzed: 05/10/2010 18:38

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
120-12-7	Anthracene	4.0	U	4.0	0.29
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U	4.0	0.54
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
86-74-8	Carbazole	4.0	U	4.0	0.33
218-01-9	Chrysene	4.0	U	4.0	0.25
84-74-2	Di-n-butyl phthalate	4.0	U	4.0	0.35
117-84-0	Di-n-octyl phthalate	4.0	U	4.0	0.38
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
206-44-0	Fluoranthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 220-12107-11

Matrix: Water | Lab File ID: Z16187.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:40

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:52

Sample wt/vol: 1000(mL) | Date Analyzed: 05/10/2010 18:38

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
91-20-3	Naphthalene	4.0	U	4.0	0.30
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
85-01-8	Phenanthrene	4.0	U	4.0	0.28
129-00-0	Pyrene	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
100-02-7	4-Nitrophenol	10	U	10	1.4
87-86-5	Pentachlorophenol	25	U	25	0.31
108-95-2	Phenol	4.0	U	4.0	0.19
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-4 | Lab Sample ID: 220-12107-11

Matrix: Water | Lab File ID: Z16187.D

Analysis Method: 8270C | Date Collected: 04/30/2010 15:40

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:52

Sample wt/vol: 1000(mL) | Date Analyzed: 05/10/2010 18:38

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38298 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	67	39-120	
367-12-4	2-Fluorophenol	40	13-120	
118-79-6	2,4,6-Tribromophenol	93	36-120	
4165-60-0	Nitrobenzene-d5	72	40-120	
4165-62-2	Phenol-d5	28	10-120	
1718-51-0	Terphenyl-d14	104	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Z16187.D
Lab Smp Id: 220-12107-B-11-A Client Smp ID: MW-4
Inj Date : 10-MAY-2010 18:38
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-12107-B-11-A
Misc Info : 220-12107-B-11-A
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\MSZ-8270C.m
Meth Date : 10-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

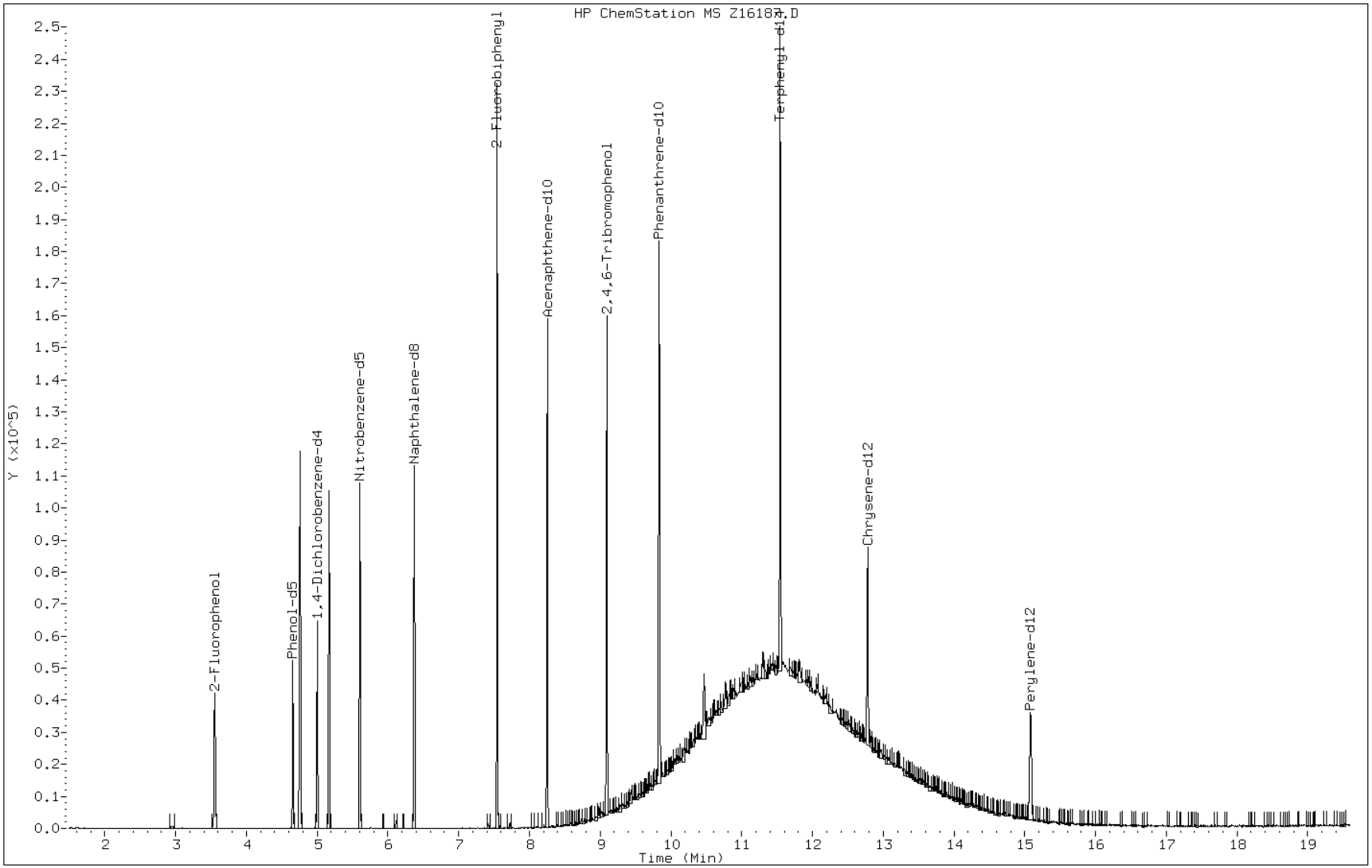
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	5.004	5.004	(1.000)	10905	20.0000	
$	2 2-Fluorophenol	112	3.551	3.551	(0.710)	17525	30.3671	30
$	3 Phenol-d5	99	4.657	4.663	(0.931)	16512	20.9943	21
*	20 Naphthalene-d8	136	6.369	6.374	(1.000)	50347	20.0000	
$	21 Nitrobenzene-d5	82	5.604	5.610	(0.880)	30275	35.9475	36
*	35 Acenaphthene-d10	164	8.251	8.256	(1.000)	32555	20.0000	
$	40 2-Fluorobiphenyl	172	7.545	7.545	(0.914)	66947	33.5853	34
$	56 2,4,6-Tribromophenol	330	9.098	9.098	(1.103)	20316	70.0283	70
*	57 Phenanthrene-d10	188	9.833	9.833	(1.000)	61274	20.0000	
*	70 Chrysene-d12	240	12.780	12.780	(1.000)	24344	20.0000	
$	73 Terphenyl-d14	244	11.545	11.544	(0.903)	65840	52.1761	52
*	79 Perylene-d12	264	15.080	15.074	(1.000)	19895	20.0000	

Data File: Z16187.D

Date: 10-MAY-2010 18:38

Client ID: MW-4 Instrument: msz.i

Sample Info: 220-12107-B-11-A Operator: S.Jonas



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-38232/2	A10883.D
Level 2	IC 220-38232/3	A10884.D
Level 3	IC 220-38232/4	A10885.D
Level 4	ICIS 220-38232/1	A10882.D
Level 5	IC 220-38232/5	A10886.D
Level 6	IC 220-38232/6	A10887.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 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.1012 0.0953	0.0976	0.0977	0.0967	0.1003	Ave		0.0981				2.3		15.0			
Pyridine	0.1272 0.1158	0.1223	0.1158	0.1219	0.1235	Ave		0.1211				3.7		15.0			
Cyclohexanone	0.6468 +++++	0.6620	0.6630	0.6481	0.4905	Ave		0.6221				11.9		15.0			
Benzaldehyde	0.9695 0.1045	0.9338	0.7854	0.9017	0.1606	Ave		0.6426				62.3	*	15.0			
Aniline	2.1315 1.6899	2.0624	2.0136	1.9245	1.8435	Ave		1.9442				8.3		15.0			
Phenol	1.7269 1.2978	1.7049	1.6743	1.5351	1.4693	Ave		1.5681				10.6		30.0			
Bis(2-chloroethyl)ether	1.1931 0.9616	1.1471	1.0359	1.1587	1.0817	Ave		1.0964				7.9		15.0			
2-Chlorophenol	1.5003 1.0467	1.4599	1.4224	1.2895	1.1836	Ave		1.3171				13.4		15.0			
1,3-Dichlorobenzene	1.7012 1.2342	1.6415	1.5888	1.4804	1.3812	Ave		1.5046				11.6		15.0			
1,4-Dichlorobenzene	1.7069 1.2140	1.6741	1.6325	1.4754	1.3615	Ave		1.5107				13.0		30.0			
1,2-Dichlorobenzene	1.7083 1.0101	1.6214	1.5259	1.3141	1.1612	Qua	0.1230	0.2979	0.1596					15.0	0.9982		0.9900
Benzyl alcohol	0.9775 0.7681	0.9622	0.9063	0.8537	0.8474	Ave		0.8859				8.9		15.0			
2,2'-oxybis[1-chloropropane]	2.6932 2.0973	2.6391	2.6168	2.3712	2.2884	Ave		2.4510				9.6		15.0			
2-Methylphenol	1.4684 1.0348	1.4355	1.3827	1.2088	1.1211	Ave		1.2752				14.1		15.0			
Acetophenone	2.1345 1.7065	2.1101	2.0780	1.9352	1.8242	Ave		1.9648				8.8		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 CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

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 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-propylamine	1.0884 0.8561	1.1049	1.0832	1.0139	0.9707	Ave		1.0195			0.0500	9.3		15.0			
4-Methylphenol	1.6521 +++++	1.6182	1.5679	1.4065	1.2225	Ave		1.4934				11.9		15.0			
Hexachloroethane	0.7566 +++++	0.7621	0.7330	0.6708	0.5874	Ave		0.7020				10.5		15.0			
Nitrobenzene	0.3038 0.2334	0.3041	0.2993	0.2768	0.2575	Ave		0.2791				10.4		15.0			
Isophorone	0.6040 0.5144	0.5888	0.5790	0.5485	0.5494	Ave		0.5640				5.8		15.0			
2-Nitrophenol	0.1994 0.1566	0.1993	0.1961	0.1842	0.1715	Ave		0.1845				9.5		30.0			
2,4-Dimethylphenol	0.3113 0.2246	0.3109	0.2957	0.2688	0.2471	Ave		0.2764				12.9		15.0			
Bis(2-chloroethoxy)methane	0.4147 0.2958	0.4041	0.3904	0.3542	0.3268	Ave		0.3643				12.9		15.0			
2,4-Dichlorophenol	0.3088 +++++	0.2964	0.2798	0.2460	0.2233	Ave		0.2709				13.1		30.0			
Benzoic acid	+++++ 0.2129	0.2253	0.2301	0.2286	0.2326	Ave		0.2259				3.4		15.0			
1,2,4-Trichlorobenzene	0.3178 +++++	0.3020	0.2837	0.2518	0.2248	Ave		0.2760				13.7		15.0			
Naphthalene	1.1758 0.6778	1.1416	1.0460	0.8920	0.7755	Qua	0.1242	0.3981	0.3732					15.0	0.9988		0.9900
4-Chloroaniline	0.5042 +++++	0.4771	0.4549	0.4021	0.3575	Lin	-0.187	0.3498						15.0	0.9906		0.9900
Hexachlorobutadiene	0.1351 0.0750	0.1288	0.1180	0.0998	0.0854	Qua	0.1287	3.2203	31.815					30.0	0.9992		0.9900
Caprolactam	0.1118 0.0973	0.1173	0.1074	0.1043	0.1004	Ave		0.1064				6.9		15.0			
4-Chloro-3-methylphenol	0.3334 0.2335	0.3252	0.3173	0.2937	0.2609	Ave		0.2940				13.5		30.0			
2,4,5-Trichlorotoluene	1.7122 +++++	1.6575	1.5732	1.3745	1.2912	Ave		1.5217				11.9		15.0			
2-Methylnaphthalene	0.8692 0.4755	0.8210	0.7545	0.6229	0.5487	Qua	0.1156	0.5517	0.7659					15.0	0.9985		0.9900
Hexachlorocyclopentadiene	0.1722 0.1402	0.1948	0.1935	0.1760	0.1572	Ave		0.1723			0.0500	12.2		15.0			
2,4,6-Trichlorophenol	0.3130 0.2294	0.3035	0.2834	0.2510	0.2405	Ave		0.2702				12.9		30.0			

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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

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 3	LVL 4	LVL 5		B	M1	M2								
2,4,5-Trichlorophenol	0.3057 0.2541	0.2801	0.2715	0.2742	0.2581	Ave		0.2740				6.7		15.0			
1,1'-Biphenyl	1.4422 0.5907	1.3232	1.1031	0.8400	0.6600	Qua	0.1660	-0.018	0.7004					15.0	0.9972		0.9900
2-Chloronaphthalene	1.1019 0.5298	1.0145	0.8588	0.6928	0.6043	Qua	0.0656	0.5340	0.6163					15.0	0.9995		0.9900
2-Nitroaniline	0.3006 0.2884	0.3068	0.3011	0.2830	0.2912	Ave		0.2952				3.1		15.0			
Dimethyl phthalate	1.2676 1.0075	1.2448	1.1542	1.0500	1.0240	Ave		1.1247				10.2		15.0			
2,6-Dinitrotoluene	0.2909 0.2497	0.2939	0.2878	0.2653	0.2585	Ave		0.2744				6.9		15.0			
Acenaphthylene	2.1450 1.3095	2.0757	1.8631	1.5795	1.4103	Qua	-0.013	0.4359	0.0637					15.0	0.9998		0.9900
3-Nitroaniline	0.3953 0.3110	0.3980	0.3768	0.3503	0.3267	Ave		0.3597				10.1		15.0			
Acenaphthene	1.3152 +++++	1.2403	1.1083	0.9205	0.8373	Lin	-0.255	0.7955						30.0	0.9909		0.9900
2,4-Dinitrophenol	+++++ 0.1869	0.1493	0.1537	0.1647	0.1803	Ave		0.1670			0.0500	9.8		15.0			
4-Nitrophenol	0.1084 0.1030	0.1126	0.1136	0.1161	0.1154	Ave		0.1115			0.0500	4.5		15.0			
Dibenzofuran	1.8341 0.9089	1.7188	1.5014	1.2362	1.0471	Qua	0.1441	0.1717	0.2406					15.0	0.9988		0.9900
2,4-Dinitrotoluene	0.4061 0.3137	0.3990	0.3605	0.3260	0.3157	Ave		0.3535				11.8		15.0			
Diethyl phthalate	1.4345 1.0586	1.4048	1.3066	1.1769	1.0959	Ave		1.2462				12.8		15.0			
Fluorene	1.5536 0.8014	1.4770	1.2869	1.0365	0.8795	Qua	0.0339	0.4393	0.2514					15.0	0.9996		0.9900
4-Chlorophenyl phenyl ether	0.5880 0.2776	0.5635	0.4946	0.3907	0.3256	Qua	0.2105	-0.010	3.0211					15.0	0.9979		0.9900
4-Nitroaniline	0.4019 0.3969	0.4159	0.4052	0.3911	0.3966	Ave		0.4013				2.2		15.0			
4,6-Dinitro-2-methylphenol	0.1086 0.1042	0.1217	0.1244	0.1204	0.1159	Ave		0.1159				6.9		15.0			
N-Nitrosodiphenylamine	0.5895 0.3341	0.5705	0.5229	0.4437	0.3850	Qua	0.1380	0.7040	1.5998					30.0	0.9984		0.9900
1,2-Diphenylhydrazine	0.8329 +++++	0.8220	0.7887	0.6792	0.6156	Ave		0.7477				12.8		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 CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

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 3	LVL 4	LVL 5		B	M1	M2								
4-Bromophenyl phenyl ether	0.1834 0.0891	0.1773	0.1594	0.1292	0.1064	Qua	0.2727	-1.020	31.194					15.0	0.9945		0.9900
Hexachlorobenzene	0.2110 0.0971	0.1976	0.1769	0.1405	0.1167	Qua	0.2699	-1.024	26.453					15.0	0.9942		0.9900
Simazine	0.1175 0.0982	0.1175	0.1210	0.1241	0.1127	Ave		0.1152				7.9		15.0			
Atrazine	0.1836 0.1266	0.1804	0.1906	0.1686	0.1459	Ave		0.1660				15.0		15.0			
Pentachlorophenol	0.1089 0.0805	0.1106	0.1070	0.1006	0.0909	Ave		0.0998				11.9		30.0			
Phenanthrene	1.3300 0.6440	1.2377	1.1163	0.8936	0.7534	Qua	0.1915	0.0875	0.5286					15.0	0.9979		0.9900
Anthracene	1.3436 0.6474	1.2714	1.1453	0.9152	0.7643	Qua	0.2265	-0.019	0.5561					15.0	0.9969		0.9900
Carbazole	1.2914 0.7192	1.2605	1.1627	0.9618	0.8305	Qua	0.1464	0.2747	0.3628					15.0	0.9986		0.9900
Di-n-butyl phthalate	1.6026 0.9128	1.5943	1.5185	1.2863	1.0913	Qua	0.2386	0.0408	0.2603					15.0	0.9937		0.9900
Fluoranthene	1.2275 0.6562	1.2044	1.1202	0.9119	0.7737	Qua	0.2089	0.0855	0.5034					30.0	0.9968		0.9900
Benzidine	0.6893 0.2747	0.6937	0.6212	0.7159	0.3281	Ave		0.5538				35.9	*	15.0			
Pyrene	1.6529 1.1148	1.6792	1.5966	1.3726	1.2304	Qua	0.0601	0.4228	0.1027					15.0	0.9999		0.9900
3,3'-Dimethylbenzidine	0.5111 0.1594	0.5130	0.4630	0.5778	0.1992	Ave		0.4039				44.1	*	15.0			
Butyl benzyl phthalate	0.7151 0.7085	0.7495	0.7799	0.7800	0.7740	Ave		0.7512				4.3		15.0			
3,3'-Dichlorobenzidine	0.2874 +++++	0.3212	0.3255	0.3179	0.2344	Ave		0.2973				12.9		15.0			
Benzo[a]anthracene	0.9941 0.7460	1.0268	1.0377	0.9631	0.8642	Ave		0.9387				12.0		15.0			
Chrysene	0.9594 0.8006	0.9938	1.0217	0.9493	0.8819	Ave		0.9344				8.7		15.0			
Bis(2-ethylhexyl) phthalate	1.1256 1.0685	1.1681	1.2264	1.3141	1.1795	Ave		1.1804				7.2		15.0			
Di-n-octyl phthalate	1.6910 +++++	1.8270	2.0313	2.3295	2.5667	Lin	0.1595	2.6502						30.0	0.9955		0.9900
Benzo[b]fluoranthene	1.2477 1.3854	1.2871	1.3761	1.4042	1.4205	Ave		1.3535				5.1		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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

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 3	LVL 4	LVL 5		B	M1	M2								
Benzo[k]fluoranthene	1.2672 1.3180	1.3741	1.4396	1.4819	1.4116	Ave		1.3821				5.7		15.0			
Benzo[a]pyrene	0.9250 1.0321	0.9743	1.0449	1.0967	1.1075	Ave		1.0301				6.8		30.0			
Indeno[1,2,3-cd]pyrene	0.4852 0.6038	0.5306	0.5684	0.6464	0.6213	Ave		0.5759				10.5		15.0			
Dibenz(a,h)anthracene	0.4015 +++++	0.4699	0.4998	0.5728	0.5888	Lin	0.1154	0.6087						15.0	0.9988		0.9900
Benzo[g,h,i]perylene	0.6505 0.6943	0.6773	0.7193	0.7774	0.7367	Ave		0.7093				6.4		15.0			
2-Fluorophenol	0.9714 0.8614	0.9567	0.9867	0.9775	0.9393	Ave		0.9488				4.8		15.0			
Phenol-d5	1.7024 1.3562	1.6893	1.6502	1.5579	1.5038	Ave		1.5766				8.4		15.0			
Nitrobenzene-d5	0.3105 0.2514	0.3072	0.3020	0.2847	0.2723	Ave		0.2880				8.0		15.0			
2-Fluorobiphenyl	1.2128 +++++	1.1607	1.0168	0.8652	0.7750	Lin	-0.254	0.7397						15.0	0.9904		0.9900
2,4,6-Tribromophenol	0.1732 +++++	0.1501	0.1434	0.1330	0.1167	Ave		0.1433				14.6		15.0			
Terphenyl-d14	0.8675 +++++	0.8824	0.8580	0.7278	0.6330	Ave		0.7938				13.7		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-38232/2	A10883.D
Level 2	IC 220-38232/3	A10884.D
Level 3	IC 220-38232/4	A10885.D
Level 4	ICIS 220-38232/1	A10882.D
Level 5	IC 220-38232/5	A10886.D
Level 6	IC 220-38232/6	A10887.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
N-Nitrosodimethylamine	DCB	Ave	6064 102989	14710	28141	54104	81275	4.00 80.0	10.0	20.0	40.0	60.0
Pyridine	DCB	Ave	7620 125106	18438	33375	68167	100136	4.00 80.0	10.0	20.0	40.0	60.0
Cyclohexanone	DCB	Ave	38755 +++++	99812	191030	362430	397567	4.00 +++++	10.0	20.0	40.0	60.0
Benzaldehyde	DCB	Ave	58087 112953	140792	226283	504240	130191	4.00 80.0	10.0	20.0	40.0	60.0
Aniline	DCB	Ave	127712 1826030	310953	580124	1076241	1494278	4.00 80.0	10.0	20.0	40.0	60.0
Phenol	DCB	Ave	103471 1402354	257054	482387	858473	1190929	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-chloroethyl)ether	DCB	Ave	71486 1039093	172958	298443	647984	876823	4.00 80.0	10.0	20.0	40.0	60.0
2-Chlorophenol	DCB	Ave	89891 1131083	220119	409794	721129	959386	4.00 80.0	10.0	20.0	40.0	60.0
1,3-Dichlorobenzene	DCB	Ave	101927 1333623	247497	457761	827868	1119567	4.00 80.0	10.0	20.0	40.0	60.0
1,4-Dichlorobenzene	DCB	Ave	102270 1311775	252415	470344	825082	1103546	4.00 80.0	10.0	20.0	40.0	60.0
1,2-Dichlorobenzene	DCB	Qua	102358 1091448	244466	439618	734853	941213	4.00 80.0	10.0	20.0	40.0	60.0
Benzyl alcohol	DCB	Ave	58569 830013	145068	261123	477388	686870	4.00 80.0	10.0	20.0	40.0	60.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	161364 2266257	397900	753929	1326056	1854894	4.00 80.0	10.0	20.0	40.0	60.0
2-Methylphenol	DCB	Ave	87982 1118169	216438	398365	675998	908729	4.00 80.0	10.0	20.0	40.0	60.0
Acetophenone	DCB	Ave	127891 1844037	318147	598696	1082241	1478596	4.00 80.0	10.0	20.0	40.0	60.0
N-Nitrosodi-n-propylamine	DCB	Ave	65211 925038	166595	312072	567023	786807	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
4-Methylphenol	DCB	Ave	98985 +++++	243977	451739	786549	990943	4.00 +++++	10.0	20.0	40.0	60.0
Hexachloroethane	DCB	Ave	45330 +++++	114899	211177	375104	476137	4.00 +++++	10.0	20.0	40.0	60.0
Nitrobenzene	NPT	Ave	95491 1386546	241297	461081	830155	1149006	4.00 80.0	10.0	20.0	40.0	60.0
Isophorone	NPT	Ave	189887 3055867	467210	891946	1644732	2451934	4.00 80.0	10.0	20.0	40.0	60.0
2-Nitrophenol	NPT	Ave	62685 930394	158163	302033	552462	765416	4.00 80.0	10.0	20.0	40.0	60.0
2,4-Dimethylphenol	NPT	Ave	97849 1334240	246725	455515	806124	1102626	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-chloroethoxy)methane	NPT	Ave	130357 1757479	320653	601371	1062124	1458606	4.00 80.0	10.0	20.0	40.0	60.0
2,4-Dichlorophenol	NPT	Ave	97074 +++++	235213	431043	737690	996650	4.00 +++++	10.0	20.0	40.0	60.0
Benzoic acid	NPT	Ave	+++++ 1264643	447026	531751	685597	1038174	+++++ 80.0	25.0	30.0	40.0	60.0
1,2,4-Trichlorobenzene	NPT	Ave	99901 +++++	239617	437027	755140	1003305	4.00 +++++	10.0	20.0	40.0	60.0
Naphthalene	NPT	Qua	369609 4026738	905862	1611372	2674783	3460840	4.00 80.0	10.0	20.0	40.0	60.0
4-Chloroaniline	NPT	Lin	158493 +++++	378561	700806	1205702	1595336	4.00 +++++	10.0	20.0	40.0	60.0
Hexachlorobutadiene	NPT	Qua	42479 445822	102180	181780	299289	380964	4.00 80.0	10.0	20.0	40.0	60.0
Caprolactam	NPT	Ave	35141 577876	93056	165454	312732	448044	4.00 80.0	10.0	20.0	40.0	60.0
4-Chloro-3-methylphenol	NPT	Ave	104816 1387255	258069	488740	880794	1164411	4.00 80.0	10.0	20.0	40.0	60.0
2,4,5-Trichlorotoluene	DCB	Ave	102586 +++++	249910	453267	768634	1046630	4.00 +++++	10.0	20.0	40.0	60.0
2-Methylnaphthalene	NPT	Qua	273255 2824568	651485	1162259	1868010	2449000	4.00 80.0	10.0	20.0	40.0	60.0
Hexachlorocyclopentadiene	ANT	Ave	41122 561489	114980	226796	392200	507932	4.00 80.0	10.0	20.0	40.0	60.0
2,4,6-Trichlorophenol	ANT	Ave	74764 918503	179176	332144	559422	777290	4.00 80.0	10.0	20.0	40.0	60.0
2,4,5-Trichlorophenol	ANT	Ave	182533 1017473	413289	477300	611132	834071	10.0 80.0	25.0	30.0	40.0	60.0
1,1'-Biphenyl	ANT	Qua	344441 2365283	781081	1292834	1872043	2132592	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
2-Chloronaphthalene	ANT	Qua	263162 2121430	598838	1006475	1544073	1952863	4.00 80.0	10.0	20.0	40.0	60.0
2-Nitroaniline	ANT	Ave	71784 1154824	181124	352947	630706	940934	4.00 80.0	10.0	20.0	40.0	60.0
Dimethyl phthalate	ANT	Ave	302731 4034359	734808	1352743	2339979	3308781	4.00 80.0	10.0	20.0	40.0	60.0
2,6-Dinitrotoluene	ANT	Ave	69484 999825	173500	337259	591254	835392	4.00 80.0	10.0	20.0	40.0	60.0
Acenaphthylene	ANT	Qua	512273 5243569	1225324	2183559	3519967	4557147	4.00 80.0	10.0	20.0	40.0	60.0
3-Nitroaniline	ANT	Ave	94407 1245351	234926	441590	780679	1055640	4.00 80.0	10.0	20.0	40.0	60.0
Acenaphthene	ANT	Lin	314099 +++++	732183	1298909	2051494	2705684	4.00 +++++	10.0	20.0	40.0	60.0
2,4-Dinitrophenol	ANT	Ave	+++++ 748521	220396	270258	367000	582670	+++++ 80.0	25.0	30.0	40.0	60.0
4-Nitrophenol	ANT	Ave	64734 412367	166098	199788	258837	372814	10.0 80.0	25.0	30.0	40.0	60.0
Dibenzofuran	ANT	Qua	438023 3639626	1014635	1759631	2755070	3383399	4.00 80.0	10.0	20.0	40.0	60.0
2,4-Dinitrotoluene	ANT	Ave	96983 1256023	235545	422473	726536	1020045	4.00 80.0	10.0	20.0	40.0	60.0
Diethyl phthalate	ANT	Ave	342603 4239008	829289	1531368	2622789	3541078	4.00 80.0	10.0	20.0	40.0	60.0
Fluorene	ANT	Qua	371030 3208993	871857	1508287	2309862	2842109	4.00 80.0	10.0	20.0	40.0	60.0
4-Chlorophenyl phenyl ether	ANT	Qua	140438 1111766	332621	579680	870733	1052094	4.00 80.0	10.0	20.0	40.0	60.0
4-Nitroaniline	ANT	Ave	95979 1589438	245515	474856	871681	1281566	4.00 80.0	10.0	20.0	40.0	60.0
4,6-Dinitro-2-methylphenol	PHN	Ave	114651 872920	319431	382204	480850	721722	10.0 80.0	25.0	30.0	40.0	60.0
N-Nitrosodiphenylamine	PHN	Qua	248861 2799537	598700	1070659	1772269	2398593	4.00 80.0	10.0	20.0	40.0	60.0
1,2-Diphenylhydrazine	PHN	Ave	351627 +++++	862696	1614894	2712697	3834838	4.00 +++++	10.0	20.0	40.0	60.0
4-Bromophenyl phenyl ether	PHN	Qua	77433 746786	186048	326396	516200	662870	4.00 80.0	10.0	20.0	40.0	60.0
Hexachlorobenzene	PHN	Qua	89065 813602	207346	362184	560985	726717	4.00 80.0	10.0	20.0	40.0	60.0
Simazine	PHN	Ave	49610 822805	123281	247764	495527	701810	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
Atrazine	PHN	Ave	77528 1060919	189292	390328	673339	909168	4.00 80.0	10.0	20.0	40.0	60.0
Pentachlorophenol	PHN	Ave	114947 674622	290232	328686	401596	566507	10.0 80.0	25.0	30.0	40.0	60.0
Phenanthrene	PHN	Qua	561496 5397108	1298953	2285525	3569014	4693408	4.00 80.0	10.0	20.0	40.0	60.0
Anthracene	PHN	Qua	567243 5425615	1334278	2344984	3655127	4760938	4.00 80.0	10.0	20.0	40.0	60.0
Carbazole	PHN	Qua	545219 6026971	1322899	2380563	3841342	5173686	4.00 80.0	10.0	20.0	40.0	60.0
Di-n-butyl phthalate	PHN	Qua	676592 7649242	1673176	3109131	5137322	6798107	4.00 80.0	10.0	20.0	40.0	60.0
Fluoranthene	PHN	Qua	518235 5499438	1264024	2293709	3642078	4819676	4.00 80.0	10.0	20.0	40.0	60.0
Benzidine	CRY	Ave	222978 1427236	536967	914827	1964863	1319930	4.00 80.0	10.0	20.0	40.0	60.0
Pyrene	CRY	Qua	534663 5792771	1299933	2351329	3767444	4949742	4.00 80.0	10.0	20.0	40.0	60.0
3,3'-Dimethylbenzidine	CRY	Ave	165332 828403	397087	681895	1585839	801467	4.00 80.0	10.0	20.0	40.0	60.0
Butyl benzyl phthalate	CRY	Ave	231327 3681605	580194	1148583	2140803	3113439	4.00 80.0	10.0	20.0	40.0	60.0
3,3'-Dichlorobenzidine	CRY	Ave	92969 +++++	248654	479294	872428	943013	4.00 +++++	10.0	20.0	40.0	60.0
Benzo[a]anthracene	CRY	Ave	321558 3876314	794887	1528229	2643484	3476544	4.00 80.0	10.0	20.0	40.0	60.0
Chrysene	CRY	Ave	310330 4159978	769291	1504699	2605604	3547538	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	364089 5552203	904236	1806126	3606799	4744812	4.00 80.0	10.0	20.0	40.0	60.0
Di-n-octyl phthalate	PRY	Lin	235417 +++++	609133	1321538	3140212	5094188	4.00 +++++	10.0	20.0	40.0	60.0
Benzo[b]fluoranthene	PRY	Ave	173698 3538087	429144	895235	1892844	2819355	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[k]fluoranthene	PRY	Ave	176420 3366058	458133	936580	1997655	2801601	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[a]pyrene	PRY	Ave	128784 2636001	324834	679784	1478332	2198112	4.00 80.0	10.0	20.0	40.0	60.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	67544 1542168	176893	369767	871340	1233157	4.00 80.0	10.0	20.0	40.0	60.0
Dibenz(a,h)anthracene	PRY	Lin	55898 +++++	156682	325130	772116	1168552	4.00 +++++	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38232

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/06/2010 07:31 Calibration End Date: 05/06/2010 09:59 Calibration ID: 7009

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
Benzo[g,h,i]perylene	PRY	Ave	90560 1773103	225815	467991	1047998	1462093	4.00 80.0	10.0	20.0	40.0	60.0
2-Fluorophenol	DCB	Ave	58200 930777	144245	284268	546643	761324	4.00 80.0	10.0	20.0	40.0	60.0
Phenol-d5	DCB	Ave	102001 1465479	254696	475445	871192	1218942	4.00 80.0	10.0	20.0	40.0	60.0
Nitrobenzene-d5	NPT	Ave	97605 1493329	243767	465176	853766	1215257	4.00 80.0	10.0	20.0	40.0	60.0
2-Fluorobiphenyl	ANT	Lin	289655 +++++	685184	1191750	1928228	2504196	4.00 +++++	10.0	20.0	40.0	60.0
2,4,6-Tribromophenol	ANT	Ave	103389 +++++	221582	252115	296407	377086	10.0 +++++	25.0	30.0	40.0	60.0
Terphenyl-d14	CRY	Ave	280605 +++++	683114	1263578	1997582	2546590	4.00 +++++	10.0	20.0	40.0	60.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10882.D
Lab Smp Id: ICIS-444088 Client Smp ID: ICIS-444088
Inj Date : 06-MAY-2010 07:31
Operator : S.Jonas Inst ID: msa.i
Smp Info : ICIS-444088
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010882.b\MSA-8270C.m
Meth Date : 06-May-2010 10:52 msa.i Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	279613	20.0000	
$ 2	2-Fluorophenol	112	3.179	3.179	(0.685)	546643	40.0000	41
$ 3	Phenol-d5	99	4.330	4.330	(0.933)	871192	40.0000	40
4	Pyridine	52	1.440	1.440	(0.310)	68167	40.0000	40
5	N-Nitrosodimethylamine	42	1.434	1.434	(0.309)	54104	40.0000	39
6	Cyclohexanone	42	3.398	3.398	(0.733)	362430	40.0000	42
128	Benzaldehyde	77	4.158	4.158	(0.896)	504240	40.0000	56
7	Phenol	94	4.348	4.348	(0.937)	858473	40.0000	39
8	Aniline	93	4.295	4.295	(0.926)	1076241	40.0000	40
9	bis(2-Chloroethyl)ether	63	4.401	4.401	(0.949)	647984	40.0000	42
10	2-Chlorophenol	128	4.419	4.419	(0.953)	721129	40.0000	39
11	1,3-Dichlorobenzene	146	4.574	4.574	(0.986)	827868	40.0000	39
12	1,4-Dichlorobenzene	146	4.657	4.657	(1.004)	825082	40.0000	39
13	Benzyl alcohol	108	4.835	4.835	(1.042)	477388	40.0000	39
14	1,2-Dichlorobenzene	146	4.817	4.817	(1.038)	734853	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	4.983	4.983	(1.074)	1326056	40.0000	39
16	2-Methylphenol	108	4.983	4.983	(1.074)	675998	40.0000	38
92	Acetophenone	105	5.102	5.102	(1.100)	1082241	40.0000	39
17	Hexachloroethane	117	5.173	5.173	(1.115)	375104	40.0000	38
18	N-Nitroso-di-n-propylamine	70	5.132	5.132	(1.106)	567023	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.155	5.155	(1.111)	786549	40.0000	38
*	20 Naphthalene-d8	136	5.998	5.998	(1.000)	1499361	20.0000	
$	21 Nitrobenzene-d5	82	5.250	5.250	(0.875)	853766	40.0000	40
	22 Nitrobenzene	77	5.268	5.268	(0.878)	830155	40.0000	40
	23 Isophorone	82	5.541	5.541	(0.924)	1644732	40.0000	39
	24 2-Nitrophenol	139	5.606	5.606	(0.935)	552462	40.0000	40
	25 2,4-Dimethylphenol	122	5.707	5.707	(0.952)	806124	40.0000	39
	26 Benzoic Acid	122	5.897	5.897	(0.983)	685597	40.0000	40(M)
	27 Bis(2-Chloroethoxy)methane	93	5.796	5.796	(0.966)	1062124	40.0000	39
	28 2,4-Dichlorophenol	162	5.879	5.879	(0.980)	737690	40.0000	36
	29 1,2,4-Trichlorobenzene	180	5.951	5.951	(0.992)	755140	40.0000	36
	30 Naphthalene	128	6.022	6.022	(1.004)	2674783	40.0000	40
	31 4-Chloroaniline	127	6.105	6.105	(1.018)	1205702	40.0000	42
	32 Hexachlorobutadiene	225	6.182	6.182	(1.031)	299289	40.0000	41
	129 Caprolactam	113	6.532	6.532	(1.089)	312732	40.0000	39
	33 4-Chloro-3-methylphenol	107	6.663	6.663	(1.111)	880794	40.0000	40
	34 2-Methylnaphthalene	142	6.764	6.764	(1.128)	1868010	40.0000	40
*	35 Acenaphthene-d10	164	7.856	7.856	(1.000)	1114295	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.728	6.728	(1.450)	768634	40.0000	36
	37 Hexachlorocyclopentadiene	237	6.942	6.942	(0.884)	392200	40.0000	41
	38 2,4,6-Trichlorophenol	196	7.078	7.078	(0.901)	559422	40.0000	37
	39 2,4,5-Trichlorophenol	196	7.120	7.120	(0.906)	611132	40.0000	40
$	40 2-Fluorobiphenyl	172	7.167	7.167	(0.912)	1928228	40.0000	42
	130 1,1'-Biphenyl	154	7.262	7.262	(0.924)	1872043	40.0000	42
	41 2-Chloronaphthalene	162	7.274	7.274	(0.926)	1544073	40.0000	40
	42 2-Nitroaniline	65	7.399	7.399	(0.942)	630706	40.0000	38
	43 Acenaphthylene	152	7.702	7.702	(0.980)	3519967	40.0000	40
	44 Dimethylphthalate	163	7.612	7.612	(0.969)	2339979	40.0000	37
	45 2,6-Dinitrotoluene	165	7.666	7.666	(0.976)	591254	40.0000	39
	46 Acenaphthene	153	7.891	7.891	(1.005)	2051494	40.0000	41
	47 3-Nitroaniline	138	7.838	7.838	(0.998)	780679	40.0000	39
	48 2,4-Dinitrophenol	184	7.945	7.945	(1.011)	367000	40.0000	39
	49 Dibenzofuran	168	8.069	8.069	(1.027)	2755070	40.0000	41
	50 2,4-Dinitrotoluene	165	8.087	8.087	(1.029)	726536	40.0000	37
	51 4-Nitrophenol	109	8.052	8.052	(1.025)	258837	40.0000	42
	52 Fluorene	166	8.432	8.432	(1.073)	2309862	40.0000	40
	53 4-Chlorophenyl-phenylether	204	8.449	8.449	(1.076)	870733	40.0000	41
	54 Diethylphthalate	149	8.360	8.360	(1.064)	2622789	40.0000	38
	55 4-Nitroaniline	138	8.485	8.485	(1.080)	871681	40.0000	39
$	56 2,4,6-Tribromophenol	330	8.687	8.687	(1.106)	296407	40.0000	37
*	57 Phenanthrene-d10	188	9.411	9.411	(1.000)	1996927	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.515	8.515	(0.905)	480850	40.0000	42
	59 N-Nitrosodiphenylamine (1)	169	8.580	8.580	(0.912)	1772269	40.0000	40
	60 1,2-Diphenylhydrazine	77	8.616	8.616	(0.915)	2712697	40.0000	36
	61 4-Bromophenyl-phenylether	248	8.960	8.960	(0.952)	516200	40.0000	42
	131 Atrazine	200	9.173	9.173	(0.975)	673339	40.0000	41
	62 Hexachlorobenzene	284	9.019	9.019	(0.958)	560985	40.0000	41
	63 Pentachlorophenol	266	9.233	9.233	(0.981)	401596	40.0000	40
	64 Phenanthrene	178	9.441	9.441	(1.003)	3569014	40.0000	41
	65 Carbazole	167	9.678	9.678	(1.028)	3841342	40.0000	40
	66 Anthracene	178	9.494	9.494	(1.009)	3655127	40.0000	41
	67 Di-n-butylphthalate	149	10.076	10.076	(1.071)	5137322	40.0000	41
	68 Fluoranthene	202	10.693	10.693	(1.136)	3642078	40.0000	41
*	70 Chrysene-d12	240	12.248	12.248	(1.000)	1372358	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.847	10.847	(0.886)	1964863	40.0000	52
72	Pyrene	202	10.924	10.924	(0.892)	3767444	40.0000	40
$ 73	Terphenyl-d14	244	11.114	11.114	(0.907)	1997582	40.0000	37
74	Butylbenzylphthalate	149	11.643	11.643	(0.951)	2140803	40.0000	42
124	3,3'-Dimethylbenzidine	212	11.613	11.613	(0.948)	1585839	40.0000	57
75	3,3'-Dichlorobenzidine	252	12.218	12.218	(0.998)	872428	40.0000	43
76	Benzo(a)anthracene	228	12.230	12.230	(0.999)	2643484	40.0000	41
77	Chrysene	228	12.278	12.278	(1.002)	2605604	40.0000	41
78	Bis(2-Ethylhexyl)phthalate	149	12.313	12.313	(1.005)	3606799	40.0000	45
* 79	Perylene-d12	264	14.296	14.296	(1.000)	674001	20.0000	
80	Di-n-octylphthalate	149	13.180	13.180	(0.922)	3140212	40.0000	38
81	Benzo(b)fluoranthene	252	13.696	13.696	(0.958)	1892844	40.0000	41
82	Benzo(k)fluoranthene	252	13.738	13.738	(0.961)	1997655	40.0000	43
83	Benzo(a)pyrene	252	14.207	14.207	(0.994)	1478332	40.0000	43
84	Indeno(1,2,3-cd)pyrene	276	16.213	16.213	(1.134)	871340	40.0000	45
85	Dibenzo(a,h)anthracene	278	16.266	16.266	(1.138)	772116	40.0000	40
86	Benzo(g,h,i)perylene	276	16.717	16.717	(1.169)	1047998	40.0000	44
167	Simazine	201	9.150	9.150	(0.972)	495527	40.0000	43

QC Flag Legend

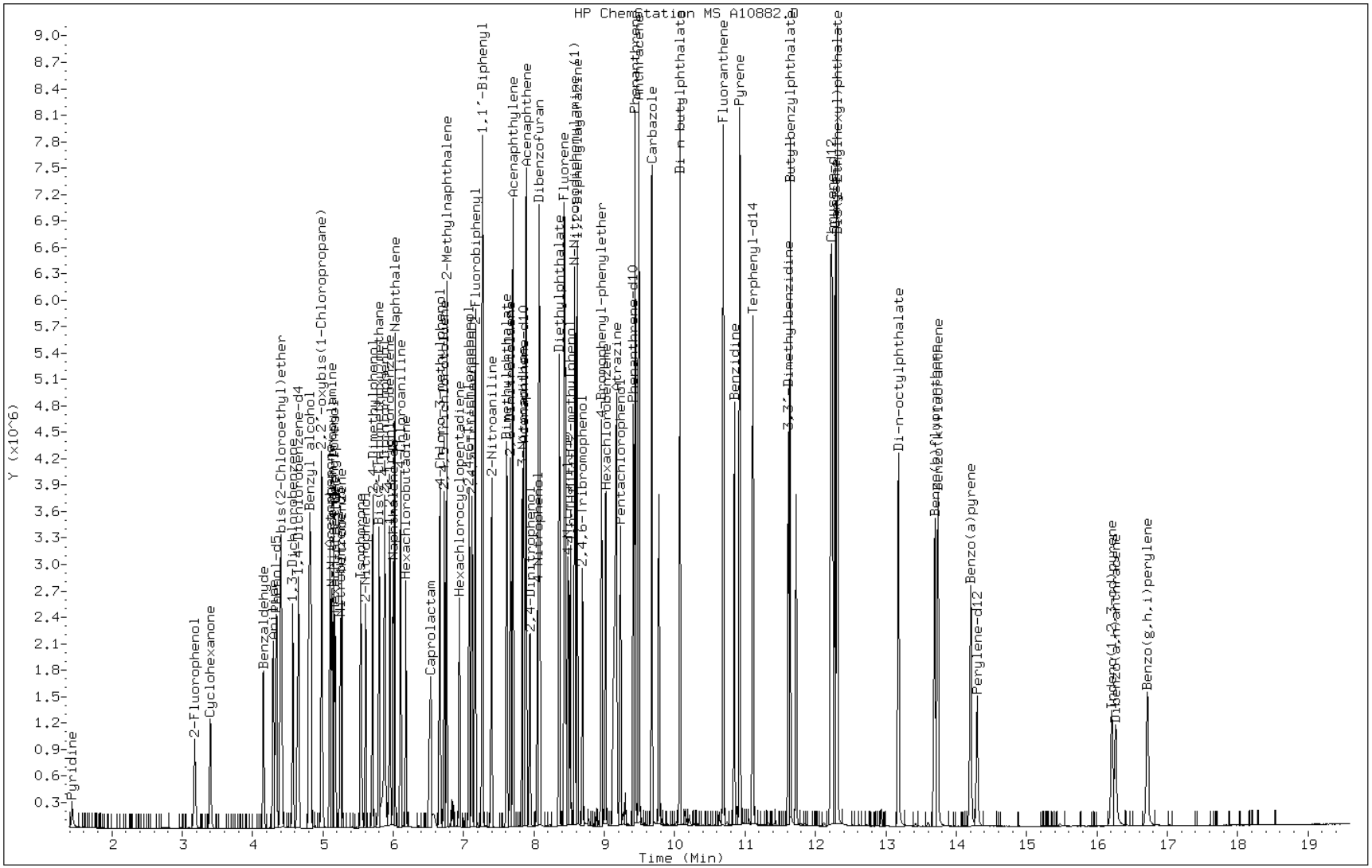
M - Compound response manually integrated.

Data File: A10882.D

Date: 06-MAY-2010 07:31

Client ID: ICIS-444088 Instrument: msa.i

Sample Info: ICIS-444088 Operator: S.Jonas



Manual Integration Report

Data File: A10882.D
Inj. Date and Time: 06-MAY-2010 07:31
Instrument ID: msa.i
Client ID: ICIS-444088
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/07/2010

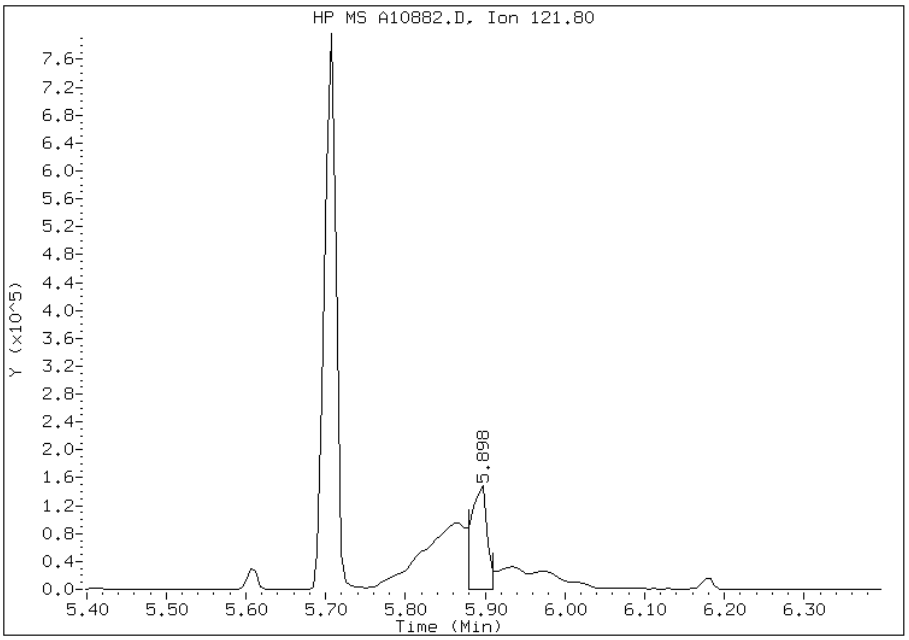
Processing Integration Results

RT: 5.90

Response: 206215

Amount: 40

Conc: 40



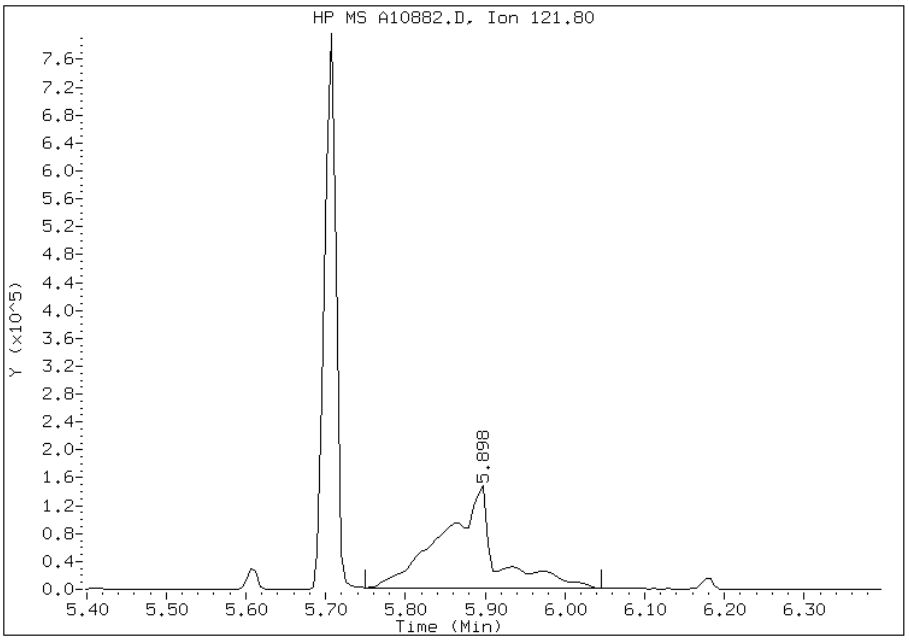
Manual Integration Results

RT: 5.90

Response: 685597

Amount: 40

Conc: 40



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10883.D
Lab Smp Id: IC-441751 Client Smp ID: IC-441751
Inj Date : 06-MAY-2010 08:07
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-441751;4/10
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010882.b\MSA-8270C.m
Meth Date : 06-May-2010 10:40 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 08:07 Cal File: A10883.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
*	1 1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	299582	20.0000	
$	2 2-Fluorophenol	112	3.179	3.179	(0.685)	58200	4.00000	4
$	3 Phenol-d5	99	4.313	4.313	(0.930)	102001	4.00000	4
	4 Pyridine	52	1.446	1.446	(0.312)	7620	4.00000	4
	5 N-Nitrosodimethylamine	42	1.440	1.440	(0.310)	6064	4.00000	4
	6 Cyclohexanone	42	3.405	3.405	(0.734)	38755	4.00000	4
	128 Benzaldehyde	77	4.152	4.152	(0.895)	58087	4.00000	6
	7 Phenol	94	4.330	4.330	(0.933)	103471	4.00000	4
	8 Aniline	93	4.289	4.289	(0.925)	127712	4.00000	4
	9 bis(2-Chloroethyl)ether	63	4.390	4.390	(0.946)	71486	4.00000	4
	10 2-Chlorophenol	128	4.414	4.414	(0.951)	89891	4.00000	5
	11 1,3-Dichlorobenzene	146	4.568	4.568	(0.985)	101927	4.00000	5
	12 1,4-Dichlorobenzene	146	4.657	4.657	(1.004)	102270	4.00000	5
	13 Benzyl alcohol	108	4.817	4.817	(1.038)	58569	4.00000	4
	14 1,2-Dichlorobenzene	146	4.817	4.817	(1.038)	102358	4.00000	5
	15 2,2'-oxybis(1-Chloropropane)	45	4.977	4.977	(1.073)	161364	4.00000	4
	16 2-Methylphenol	108	4.971	4.971	(1.072)	87982	4.00000	5
	92 Acetophenone	105	5.090	5.090	(1.097)	127891	4.00000	4
	17 Hexachloroethane	117	5.173	5.173	(1.115)	45330	4.00000	5
	18 N-Nitroso-di-n-propylamine	70	5.114	5.114	(1.102)	65211	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.138	5.138	(1.107)	98985	4.00000	4
*	20 Naphthalene-d8	136	5.998	5.998	(1.000)	1571799	20.0000	
$	21 Nitrobenzene-d5	82	5.239	5.239	(0.873)	97605	4.00000	4
	22 Nitrobenzene	77	5.256	5.256	(0.876)	95491	4.00000	4
	23 Isophorone	82	5.523	5.523	(0.921)	189887	4.00000	4
	24 2-Nitrophenol	139	5.601	5.601	(0.934)	62685	4.00000	4
	25 2,4-Dimethylphenol	122	5.696	5.696	(0.950)	97849	4.00000	5
	26 Benzoic Acid	122	5.826	5.826	(0.971)	135981	10.0000	13
	27 Bis(2-Chloroethoxy)methane	93	5.785	5.785	(0.964)	130357	4.00000	5
	28 2,4-Dichlorophenol	162	5.868	5.868	(0.978)	97074	4.00000	5
	29 1,2,4-Trichlorobenzene	180	5.945	5.945	(0.991)	99901	4.00000	5
	30 Naphthalene	128	6.016	6.016	(1.003)	369609	4.00000	5
	31 4-Chloroaniline	127	6.099	6.099	(1.017)	158493	4.00000	5
	32 Hexachlorobutadiene	225	6.176	6.176	(1.030)	42479	4.00000	5
	129 Caprolactam	113	6.449	6.449	(1.075)	35141	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.645	6.645	(1.108)	104816	4.00000	5
	34 2-Methylnaphthalene	142	6.752	6.752	(1.126)	273255	4.00000	5
*	35 Acenaphthene-d10	164	7.850	7.850	(1.000)	1194127	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.716	6.716	(1.448)	102586	4.00000	5
	37 Hexachlorocyclopentadiene	237	6.936	6.936	(0.884)	41122	4.00000	4
	38 2,4,6-Trichlorophenol	196	7.073	7.073	(0.901)	74764	4.00000	5
	39 2,4,5-Trichlorophenol	196	7.108	7.108	(0.905)	182533	10.0000	11
$	40 2-Fluorobiphenyl	172	7.162	7.162	(0.912)	289655	4.00000	4
	130 1,1'-Biphenyl	154	7.257	7.257	(0.924)	344441	4.00000	4
	41 2-Chloronaphthalene	162	7.262	7.262	(0.925)	263162	4.00000	4
	42 2-Nitroaniline	65	7.387	7.387	(0.941)	71784	4.00000	4
	44 Dimethylphthalate	163	7.601	7.601	(0.968)	302731	4.00000	5
	45 2,6-Dinitrotoluene	165	7.648	7.648	(0.974)	69484	4.00000	4
	46 Acenaphthene	153	7.880	7.880	(1.004)	314099	4.00000	4
	47 3-Nitroaniline	138	7.820	7.820	(0.996)	94407	4.00000	4
	48 2,4-Dinitrophenol	184	7.933	7.933	(1.011)	68922	10.0000	12
	49 Dibenzofuran	168	8.064	8.064	(1.027)	438023	4.00000	5
	50 2,4-Dinitrotoluene	165	8.070	8.070	(1.028)	96983	4.00000	5
	51 4-Nitrophenol	109	8.028	8.028	(1.023)	64734	10.0000	10
	52 Fluorene	166	8.426	8.426	(1.073)	371030	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.444	8.444	(1.076)	140438	4.00000	5
	54 Diethylphthalate	149	8.349	8.349	(1.064)	342603	4.00000	5
	55 4-Nitroaniline	138	8.455	8.455	(1.077)	95979	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.681	8.681	(1.106)	103389	10.0000	12
*	57 Phenanthrene-d10	188	9.405	9.405	(1.000)	2110903	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.497	8.497	(0.903)	114651	10.0000	9
	59 N-Nitrosodiphenylamine (1)	169	8.568	8.568	(0.911)	248861	4.00000	5
	60 1,2-Diphenylhydrazine	77	8.604	8.604	(0.915)	351627	4.00000	4
	61 4-Bromophenyl-phenylether	248	8.948	8.948	(0.951)	77433	4.00000	6
	131 Atrazine	200	9.150	9.150	(0.973)	77528	4.00000	4
	62 Hexachlorobenzene	284	9.007	9.007	(0.958)	89065	4.00000	5
	63 Pentachlorophenol	266	9.221	9.221	(0.980)	114947	10.0000	11
	64 Phenanthrene	178	9.429	9.429	(1.003)	561496	4.00000	5
	65 Carbazole	167	9.660	9.660	(1.027)	545219	4.00000	5
	66 Anthracene	178	9.482	9.482	(1.008)	567243	4.00000	5
	67 Di-n-butylphthalate	149	10.070	10.070	(1.071)	676592	4.00000	5
	68 Fluoranthene	202	10.681	10.681	(1.136)	518235	4.00000	5
*	70 Chrysene-d12	240	12.236	12.236	(1.000)	1617363	20.0000	
	72 Pyrene	202	10.913	10.913	(0.892)	534663	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	73 Terphenyl-d14	244	11.103	11.103	(0.907)	280605	4.00000	5
	74 Butylbenzylphthalate	149	11.631	11.631	(0.951)	231327	4.00000	4
	75 3,3'-Dichlorobenzidine	252	12.207	12.207	(0.998)	92969	4.00000	4
	76 Benzo(a)anthracene	228	12.218	12.218	(0.999)	321558	4.00000	4
	77 Chrysene	228	12.266	12.266	(1.002)	310330	4.00000	4
	78 Bis(2-Ethylhexyl)phthalate	149	12.307	12.307	(1.006)	364089	4.00000	4
*	79 Perylene-d12	264	14.290	14.290	(1.000)	696093	20.0000	
	80 Di-n-octylphthalate	149	13.174	13.174	(0.922)	235417	4.00000	6
	81 Benzo(b)fluoranthene	252	13.679	13.679	(0.957)	173698	4.00000	4
	82 Benzo(k)fluoranthene	252	13.720	13.720	(0.960)	176420	4.00000	4
	83 Benzo(a)pyrene	252	14.189	14.189	(0.993)	128784	4.00000	4
	84 Indeno(1,2,3-cd)pyrene	276	16.195	16.195	(1.133)	67544	4.00000	3
	85 Dibenzo(a,h)anthracene	278	16.254	16.254	(1.137)	55898	4.00000	3
	86 Benzo(g,h,i)perylene	276	16.694	16.694	(1.168)	90560	4.00000	4
	167 Simazine	201	9.114	9.114	(0.969)	49610	4.00000	6(H)

QC Flag Legend

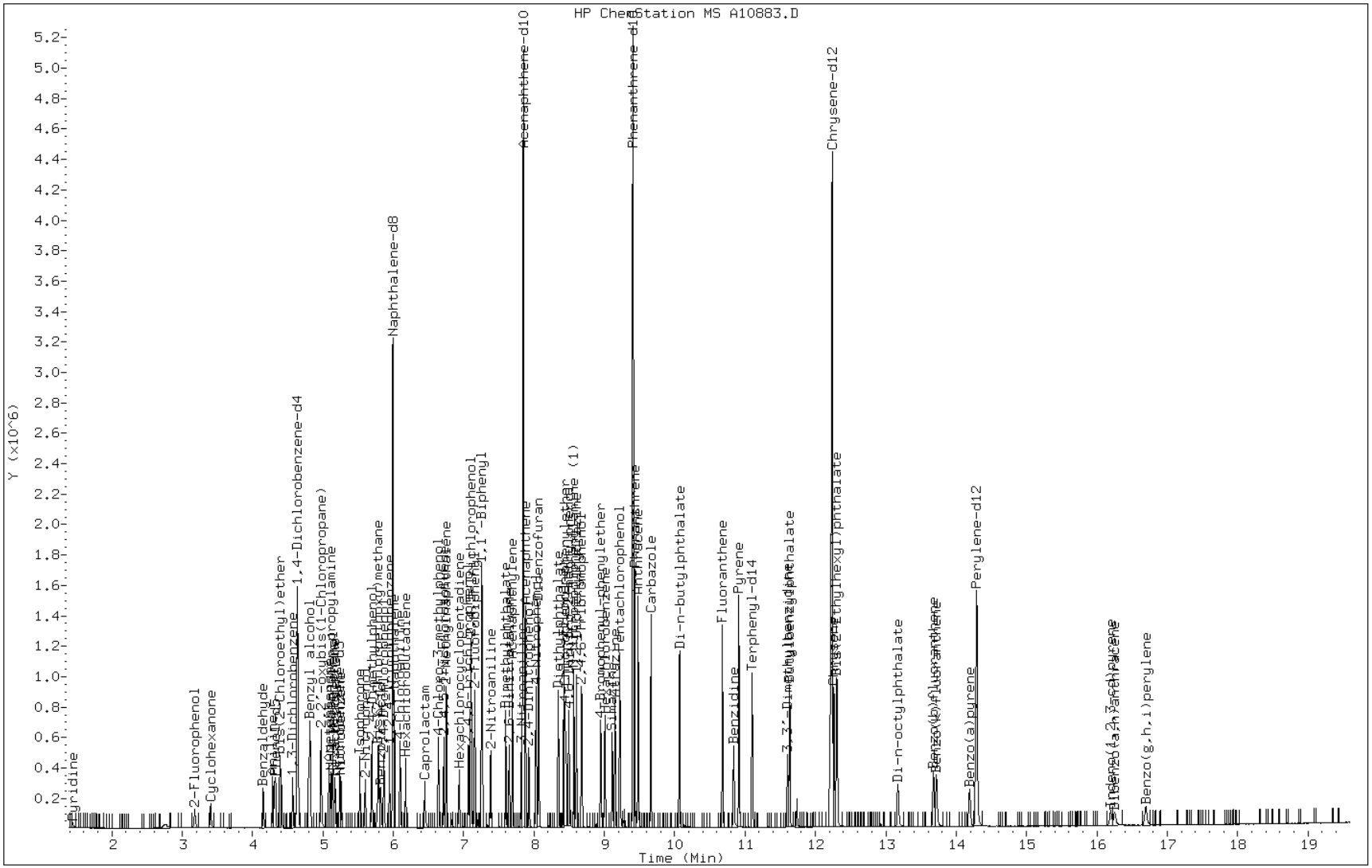
H - Operator selected an alternate compound hit.

Data File: A10883.D

Date: 06-MAY-2010 08:07

Client ID: IC-441751 Instrument: msa.i

Sample Info: IC-441751;4/10 Operator: S.Jonas



TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10884.D
Lab Smp Id: IC-441752 Client Smp ID: IC-441752
Inj Date : 06-MAY-2010 08:34
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-441752;10/25
Misc Info :
Comment :
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Meth Date : 06-May-2010 10:40 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 08:34 Cal File: A10884.D
Als bottle: 2 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	301547	20.0000	
$ 2	2-Fluorophenol	112	3.179	3.179	(0.685)	144245	10.0000	10
$ 3	Phenol-d5	99	4.318	4.318	(0.931)	254696	10.0000	11
4	Pyridine	52	1.446	1.446	(0.312)	18438	10.0000	10
5	N-Nitrosodimethylamine	42	1.434	1.434	(0.309)	14710	10.0000	10
6	Cyclohexanone	42	3.404	3.404	(0.734)	99812	10.0000	11
128	Benzaldehyde	77	4.152	4.152	(0.895)	140792	10.0000	15
7	Phenol	94	4.330	4.330	(0.933)	257054	10.0000	11
8	Aniline	93	4.289	4.289	(0.925)	310953	10.0000	11
9	bis(2-Chloroethyl)ether	63	4.390	4.390	(0.946)	172958	10.0000	10
10	2-Chlorophenol	128	4.413	4.413	(0.951)	220119	10.0000	11
11	1,3-Dichlorobenzene	146	4.568	4.568	(0.985)	247497	10.0000	11
12	1,4-Dichlorobenzene	146	4.657	4.657	(1.004)	252415	10.0000	11
13	Benzyl alcohol	108	4.823	4.823	(1.040)	145068	10.0000	11
14	1,2-Dichlorobenzene	146	4.817	4.817	(1.038)	244466	10.0000	9
15	2,2'-oxybis(1-Chloropropane)	45	4.977	4.977	(1.073)	397900	10.0000	11
16	2-Methylphenol	108	4.971	4.971	(1.072)	216438	10.0000	11
92	Acetophenone	105	5.090	5.090	(1.097)	318147	10.0000	11
17	Hexachloroethane	117	5.173	5.173	(1.115)	114899	10.0000	11
18	N-Nitroso-di-n-propylamine	70	5.114	5.114	(1.102)	166595	10.0000	11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.138	5.138	(1.107)	243977	10.0000	11
*	20 Naphthalene-d8	136	5.992	5.992	(1.000)	1587066	20.0000	
$	21 Nitrobenzene-d5	82	5.238	5.238	(0.874)	243767	10.0000	11
	22 Nitrobenzene	77	5.256	5.256	(0.877)	241297	10.0000	11
	23 Isophorone	82	5.523	5.523	(0.922)	467210	10.0000	10
	24 2-Nitrophenol	139	5.601	5.601	(0.935)	158163	10.0000	11
	25 2,4-Dimethylphenol	122	5.695	5.695	(0.950)	246725	10.0000	11
	26 Benzoic Acid	122	5.879	5.879	(0.981)	447026	25.0000	41
	27 Bis(2-Chloroethoxy)methane	93	5.785	5.785	(0.965)	320653	10.0000	11
	28 2,4-Dichlorophenol	162	5.868	5.868	(0.979)	235213	10.0000	11
	29 1,2,4-Trichlorobenzene	180	5.945	5.945	(0.992)	239617	10.0000	11
	30 Naphthalene	128	6.016	6.016	(1.004)	905862	10.0000	9
	31 4-Chloroaniline	127	6.099	6.099	(1.018)	378561	10.0000	11
	32 Hexachlorobutadiene	225	6.176	6.176	(1.031)	102180	10.0000	9
	129 Caprolactam	113	6.479	6.479	(1.081)	93056	10.0000	11
	33 4-Chloro-3-methylphenol	107	6.645	6.645	(1.109)	258069	10.0000	11
	34 2-Methylnaphthalene	142	6.752	6.752	(1.127)	651485	10.0000	9
*	35 Acenaphthene-d10	164	7.850	7.850	(1.000)	1180614	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.716	6.716	(1.448)	249910	10.0000	11
	37 Hexachlorocyclopentadiene	237	6.936	6.936	(0.884)	114980	10.0000	11
	38 2,4,6-Trichlorophenol	196	7.067	7.067	(0.900)	179176	10.0000	11
	39 2,4,5-Trichlorophenol	196	7.108	7.108	(0.905)	413289	25.0000	26
$	40 2-Fluorobiphenyl	172	7.156	7.156	(0.912)	685184	10.0000	10
	130 1,1'-Biphenyl	154	7.256	7.256	(0.924)	781081	10.0000	9
	41 2-Chloronaphthalene	162	7.262	7.262	(0.925)	598838	10.0000	10
	42 2-Nitroaniline	65	7.387	7.387	(0.941)	181124	10.0000	10
	43 Acenaphthylene	152	7.690	7.690	(0.980)	1225324	10.0000	10
	44 Dimethylphthalate	163	7.601	7.601	(0.968)	734808	10.0000	11
	45 2,6-Dinitrotoluene	165	7.648	7.648	(0.974)	173500	10.0000	11
	46 Acenaphthene	153	7.880	7.880	(1.004)	732183	10.0000	10
	47 3-Nitroaniline	138	7.820	7.820	(0.996)	234926	10.0000	11
	48 2,4-Dinitrophenol	184	7.933	7.933	(1.011)	220396	25.0000	25
	49 Dibenzofuran	168	8.064	8.064	(1.027)	1014635	10.0000	9
	50 2,4-Dinitrotoluene	165	8.070	8.070	(1.028)	235545	10.0000	11
	51 4-Nitrophenol	109	8.034	8.034	(1.023)	166098	25.0000	25
	52 Fluorene	166	8.420	8.420	(1.073)	871857	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.438	8.438	(1.075)	332621	10.0000	9
	54 Diethylphthalate	149	8.349	8.349	(1.064)	829289	10.0000	11
	55 4-Nitroaniline	138	8.461	8.461	(1.078)	245515	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.681	8.681	(1.106)	221582	25.0000	26
*	57 Phenanthrene-d10	188	9.405	9.405	(1.000)	2098964	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.497	8.497	(0.903)	319431	25.0000	26
	59 N-Nitrosodiphenylamine (1)	169	8.568	8.568	(0.911)	598700	10.0000	9
	60 1,2-Diphenylhydrazine	77	8.604	8.604	(0.915)	862696	10.0000	11
	61 4-Bromophenyl-phenylether	248	8.948	8.948	(0.951)	186048	10.0000	9
	131 Atrazine	200	9.150	9.150	(0.973)	189292	10.0000	11
	62 Hexachlorobenzene	284	9.007	9.007	(0.958)	207346	10.0000	9
	63 Pentachlorophenol	266	9.221	9.221	(0.980)	290232	25.0000	28
	64 Phenanthrene	178	9.429	9.429	(1.003)	1298953	10.0000	9
	65 Carbazole	167	9.660	9.660	(1.027)	1322899	10.0000	9
	66 Anthracene	178	9.482	9.482	(1.008)	1334278	10.0000	9
	67 Di-n-butylphthalate	149	10.064	10.064	(1.070)	1673176	10.0000	11
	68 Fluoranthene	202	10.675	10.675	(1.135)	1264024	10.0000	11
*	70 Chrysene-d12	240	12.230	12.230	(1.000)	1548231	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.835	10.835	(0.886)	536967	10.0000	13
72	Pyrene	202	10.913	10.913	(0.892)	1299933	10.0000	11
$ 73	Terphenyl-d14	244	11.103	11.103	(0.908)	683114	10.0000	12
74	Butylbenzylphthalate	149	11.631	11.631	(0.951)	580194	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.601	11.601	(0.949)	397087	10.0000	13
75	3,3'-Dichlorobenzidine	252	12.201	12.201	(0.998)	248654	10.0000	11
76	Benzo(a)anthracene	228	12.218	12.218	(0.999)	794887	10.0000	11
77	Chrysene	228	12.260	12.260	(1.002)	769291	10.0000	11
78	Bis(2-Ethylhexyl)phthalate	149	12.301	12.301	(1.006)	904236	10.0000	10
* 79	Perylene-d12	264	14.284	14.284	(1.000)	666813	20.0000	
80	Di-n-octylphthalate	149	13.168	13.168	(0.922)	609133	10.0000	10
81	Benzo(b)fluoranthene	252	13.678	13.678	(0.958)	429144	10.0000	10
82	Benzo(k)fluoranthene	252	13.720	13.720	(0.961)	458133	10.0000	10
83	Benzo(a)pyrene	252	14.183	14.183	(0.993)	324834	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.189	16.189	(1.133)	176893	10.0000	9
85	Dibenzo(a,h)anthracene	278	16.243	16.243	(1.137)	156682	10.0000	9
86	Benzo(g,h,i)perylene	276	16.688	16.688	(1.168)	225815	10.0000	10
167	Simazine	201	9.120	9.120	(0.970)	123281	10.0000	12(H)

QC Flag Legend

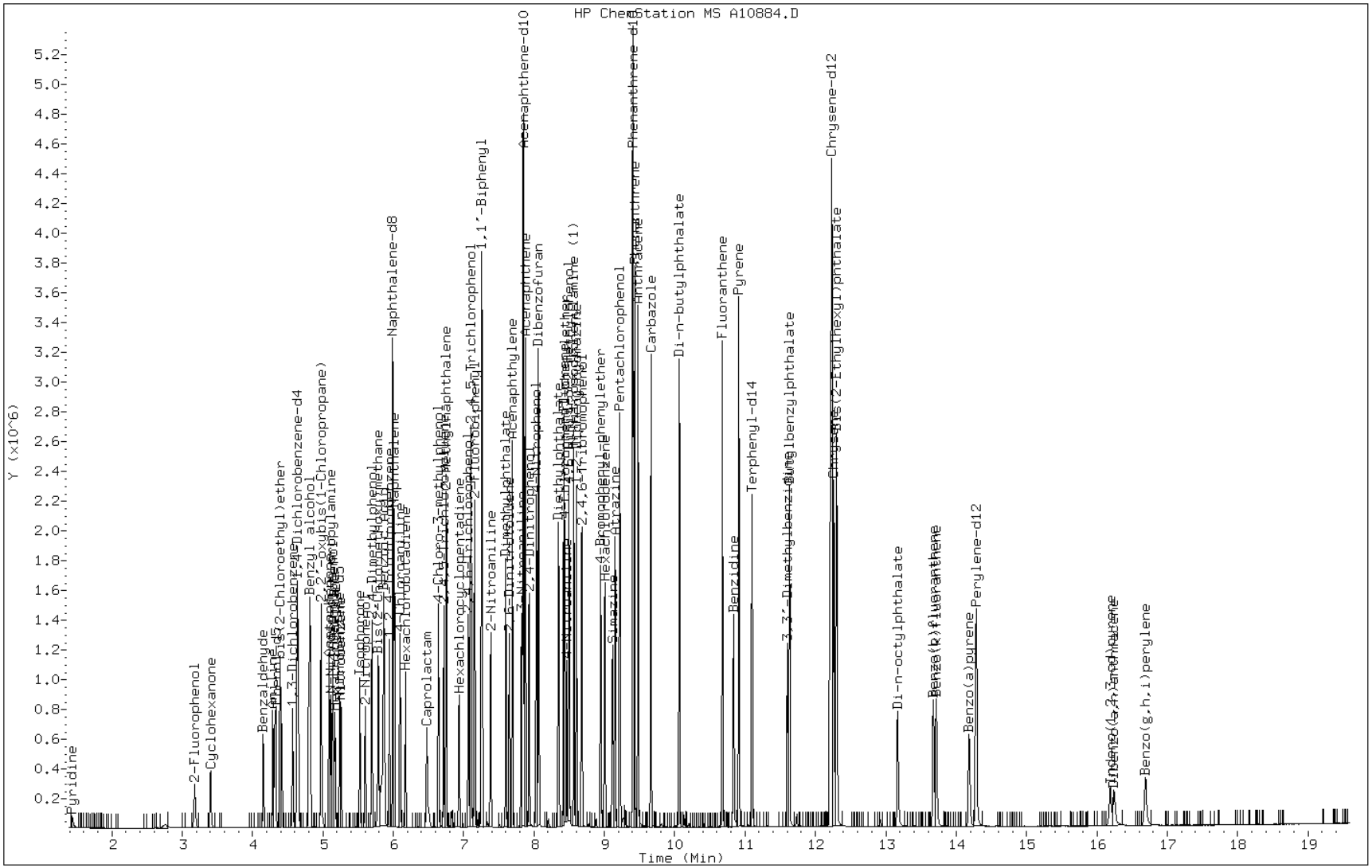
H - Operator selected an alternate compound hit.

Data File: A10884.D

Date: 06-MAY-2010 08:34

Client ID: IC-441752 Instrument: msa.i

Sample Info: IC-441752;10/25 Operator: S.Jonas



TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10885.D
Lab Smp Id: IC-441753 Client Smp ID: IC-441753
Inj Date : 06-MAY-2010 09:02
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-441753;20/30
Misc Info :
Comment :
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Meth Date : 06-May-2010 10:40 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 09:02 Cal File: A10885.D
Als bottle: 3 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	288109	20.0000	
$ 2	2-Fluorophenol	112	3.179	3.179	(0.685)	284268	20.0000	21
$ 3	Phenol-d5	99	4.324	4.324	(0.932)	475445	20.0000	21
4	Pyridine	52	1.440	1.440	(0.310)	33375	20.0000	19
5	N-Nitrosodimethylamine	42	1.434	1.434	(0.309)	28141	20.0000	20
6	Cyclohexanone	42	3.404	3.404	(0.734)	191030	20.0000	21
128	Benzaldehyde	77	4.152	4.152	(0.895)	226283	20.0000	24
7	Phenol	94	4.336	4.336	(0.935)	482387	20.0000	21
8	Aniline	93	4.295	4.295	(0.926)	580124	20.0000	21
9	bis(2-Chloroethyl)ether	63	4.395	4.395	(0.948)	298443	20.0000	19
10	2-Chlorophenol	128	4.413	4.413	(0.951)	409794	20.0000	22
11	1,3-Dichlorobenzene	146	4.574	4.574	(0.986)	457761	20.0000	21
12	1,4-Dichlorobenzene	146	4.657	4.657	(1.004)	470344	20.0000	22
13	Benzyl alcohol	108	4.829	4.829	(1.041)	261123	20.0000	20
14	1,2-Dichlorobenzene	146	4.817	4.817	(1.038)	439618	20.0000	19
15	2,2'-oxybis(1-Chloropropane)	45	4.983	4.983	(1.074)	753929	20.0000	21
16	2-Methylphenol	108	4.977	4.977	(1.073)	398365	20.0000	22
92	Acetophenone	105	5.096	5.096	(1.099)	598696	20.0000	21
17	Hexachloroethane	117	5.173	5.173	(1.115)	211177	20.0000	22
18	N-Nitroso-di-n-propylamine	70	5.120	5.120	(1.104)	312072	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.143	5.143	(1.109)	451739	20.0000	21
*	20 Naphthalene-d8	136	5.998	5.998	(1.000)	1540493	20.0000	
$	21 Nitrobenzene-d5	82	5.244	5.244	(0.874)	465176	20.0000	21
	22 Nitrobenzene	77	5.262	5.262	(0.877)	461081	20.0000	21
	23 Isophorone	82	5.529	5.529	(0.922)	891946	20.0000	21
	24 2-Nitrophenol	139	5.606	5.606	(0.935)	302033	20.0000	21
	25 2,4-Dimethylphenol	122	5.701	5.701	(0.951)	455515	20.0000	21
	26 Benzoic Acid	122	5.885	5.885	(0.981)	531751	30.0000	41(M)
	27 Bis(2-Chloroethoxy)methane	93	5.790	5.790	(0.965)	601371	20.0000	21
	28 2,4-Dichlorophenol	162	5.873	5.873	(0.979)	431043	20.0000	21
	29 1,2,4-Trichlorobenzene	180	5.951	5.951	(0.992)	437027	20.0000	21
	30 Naphthalene	128	6.022	6.022	(1.004)	1611372	20.0000	19
	31 4-Chloroaniline	127	6.099	6.099	(1.017)	700806	20.0000	21
	32 Hexachlorobutadiene	225	6.176	6.176	(1.030)	181780	20.0000	19
	129 Caprolactam	113	6.503	6.503	(1.084)	165454	20.0000	20
	33 4-Chloro-3-methylphenol	107	6.651	6.651	(1.109)	488740	20.0000	22
	34 2-Methylnaphthalene	142	6.758	6.758	(1.127)	1162259	20.0000	19
*	35 Acenaphthene-d10	164	7.850	7.850	(1.000)	1172003	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.722	6.722	(1.449)	453267	20.0000	21
	37 Hexachlorocyclopentadiene	237	6.936	6.936	(0.884)	226796	20.0000	22
	38 2,4,6-Trichlorophenol	196	7.072	7.072	(0.901)	332144	20.0000	21
	39 2,4,5-Trichlorophenol	196	7.114	7.114	(0.906)	477300	30.0000	30
$	40 2-Fluorobiphenyl	172	7.161	7.161	(0.912)	1191750	20.0000	20
	130 1,1'-Biphenyl	154	7.256	7.256	(0.924)	1292834	20.0000	20
	41 2-Chloronaphthalene	162	7.268	7.268	(0.926)	1006475	20.0000	20
	42 2-Nitroaniline	65	7.393	7.393	(0.942)	352947	20.0000	20
	43 Acenaphthylene	152	7.695	7.695	(0.980)	2183559	20.0000	23
	44 Dimethylphthalate	163	7.606	7.606	(0.969)	1352743	20.0000	21
	45 2,6-Dinitrotoluene	165	7.660	7.660	(0.976)	337259	20.0000	21
	46 Acenaphthene	153	7.885	7.885	(1.005)	1298909	20.0000	21
	47 3-Nitroaniline	138	7.826	7.826	(0.997)	441590	20.0000	21
	48 2,4-Dinitrophenol	184	7.939	7.939	(1.011)	270258	30.0000	29
	49 Dibenzofuran	168	8.069	8.069	(1.028)	1759631	20.0000	19
	50 2,4-Dinitrotoluene	165	8.075	8.075	(1.029)	422473	20.0000	20
	51 4-Nitrophenol	109	8.040	8.040	(1.024)	199788	30.0000	31
	52 Fluorene	166	8.426	8.426	(1.073)	1508287	20.0000	20
	53 4-Chlorophenyl-phenylether	204	8.443	8.443	(1.076)	579680	20.0000	19
	54 Diethylphthalate	149	8.354	8.354	(1.064)	1531368	20.0000	21
	55 4-Nitroaniline	138	8.473	8.473	(1.079)	474856	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.687	8.687	(1.107)	252115	30.0000	30
*	57 Phenanthrene-d10	188	9.405	9.405	(1.000)	2047499	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.503	8.503	(0.904)	382204	30.0000	32
	59 N-Nitrosodiphenylamine (1)	169	8.574	8.574	(0.912)	1070659	20.0000	19
	60 1,2-Diphenylhydrazine	77	8.610	8.610	(0.915)	1614894	20.0000	21
	61 4-Bromophenyl-phenylether	248	8.954	8.954	(0.952)	326396	20.0000	18
	131 Atrazine	200	9.162	9.162	(0.974)	390328	20.0000	23
	62 Hexachlorobenzene	284	9.007	9.007	(0.958)	362184	20.0000	18
	63 Pentachlorophenol	266	9.227	9.227	(0.981)	328686	30.0000	32
	64 Phenanthrene	178	9.435	9.435	(1.003)	2285525	20.0000	19
	65 Carbazole	167	9.666	9.666	(1.028)	2380563	20.0000	19
	66 Anthracene	178	9.488	9.488	(1.009)	2344984	20.0000	19
	67 Di-n-butylphthalate	149	10.070	10.070	(1.071)	3109131	20.0000	21
	68 Fluoranthene	202	10.681	10.681	(1.136)	2293709	20.0000	21
*	70 Chrysene-d12	240	12.236	12.236	(1.000)	1472681	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.841	10.841	(0.886)	914827	20.0000	22
72	Pyrene	202	10.918	10.918	(0.892)	2351329	20.0000	21
$ 73	Terphenyl-d14	244	11.102	11.102	(0.907)	1263578	20.0000	23
74	Butylbenzylphthalate	149	11.631	11.631	(0.951)	1148583	20.0000	21
124	3,3'-Dimethylbenzidine	212	11.607	11.607	(0.949)	681895	20.0000	23
75	3,3'-Dichlorobenzidine	252	12.206	12.206	(0.998)	479294	20.0000	23
76	Benzo(a)anthracene	228	12.224	12.224	(0.999)	1528229	20.0000	22
77	Chrysene	228	12.266	12.266	(1.002)	1504699	20.0000	22
78	Bis(2-Ethylhexyl)phthalate	149	12.301	12.301	(1.005)	1806126	20.0000	21
* 79	Perylene-d12	264	14.290	14.290	(1.000)	650575	20.0000	
80	Di-n-octylphthalate	149	13.168	13.168	(0.921)	1321538	20.0000	19
81	Benzo(b)fluoranthene	252	13.684	13.684	(0.958)	895235	20.0000	20
82	Benzo(k)fluoranthene	252	13.726	13.726	(0.961)	936580	20.0000	21
83	Benzo(a)pyrene	252	14.195	14.195	(0.993)	679784	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.195	16.195	(1.133)	369767	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.254	16.254	(1.137)	325130	20.0000	20
86	Benzo(g,h,i)perylene	276	16.699	16.699	(1.169)	467991	20.0000	20
167	Simazine	201	9.132	9.132	(0.971)	247764	20.0000	21(H)

QC Flag Legend

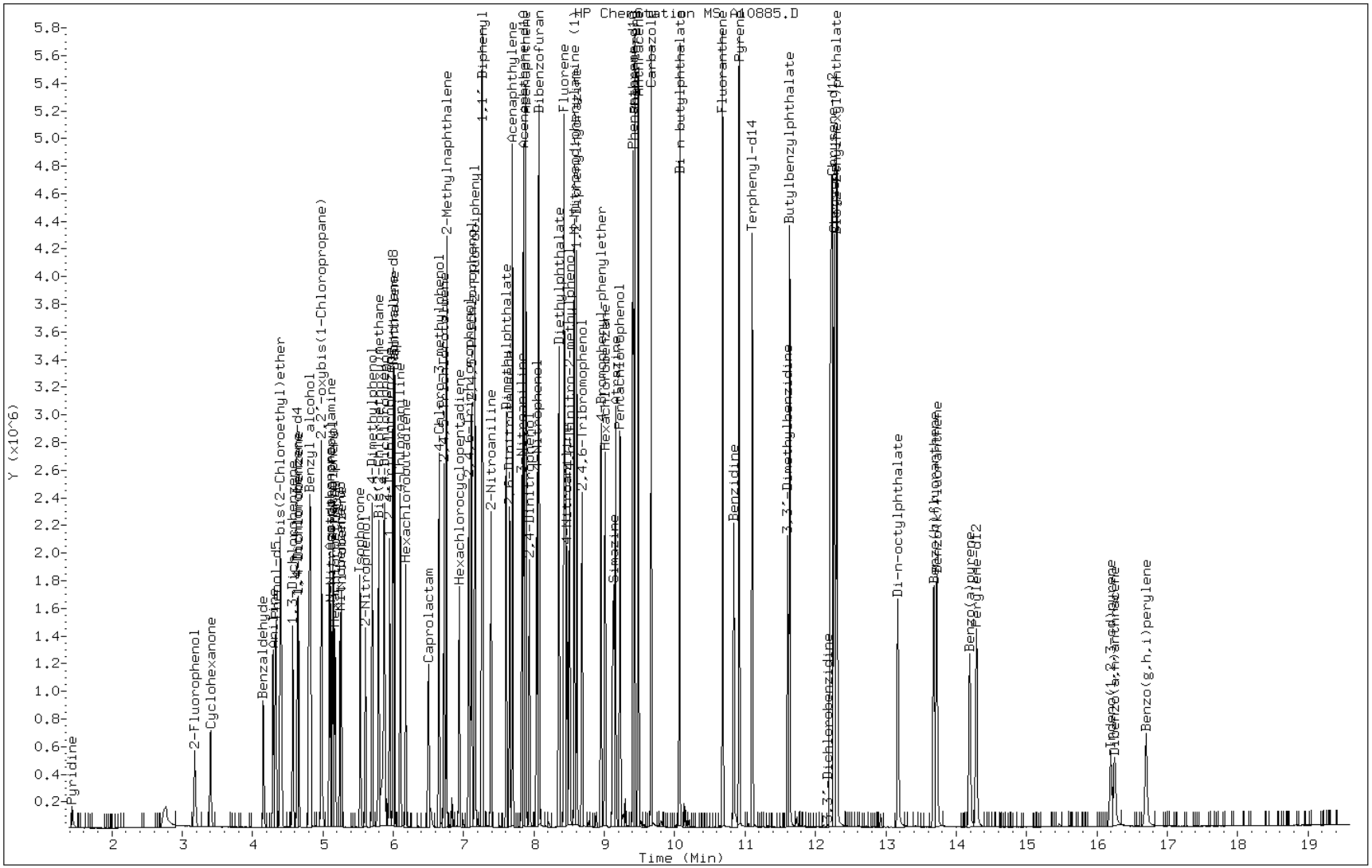
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A10885.D

Date: 06-MAY-2010 09:02

Client ID: IC-441753 Instrument: msa.i

Sample Info: IC-441753;20/30 Operator: S.Jonas



Manual Integration Report

Data File: A10885.D
Inj. Date and Time: 06-MAY-2010 09:02
Instrument ID: msa.i
Client ID: IC-441753
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/07/2010

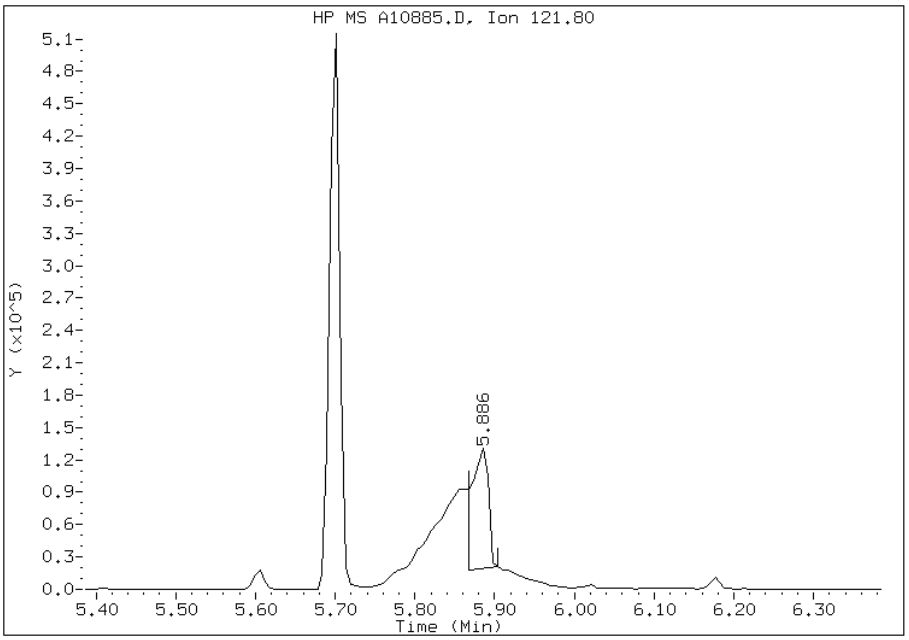
Processing Integration Results

RT: 5.89

Response: 162226

Amount: 15

Conc: 15



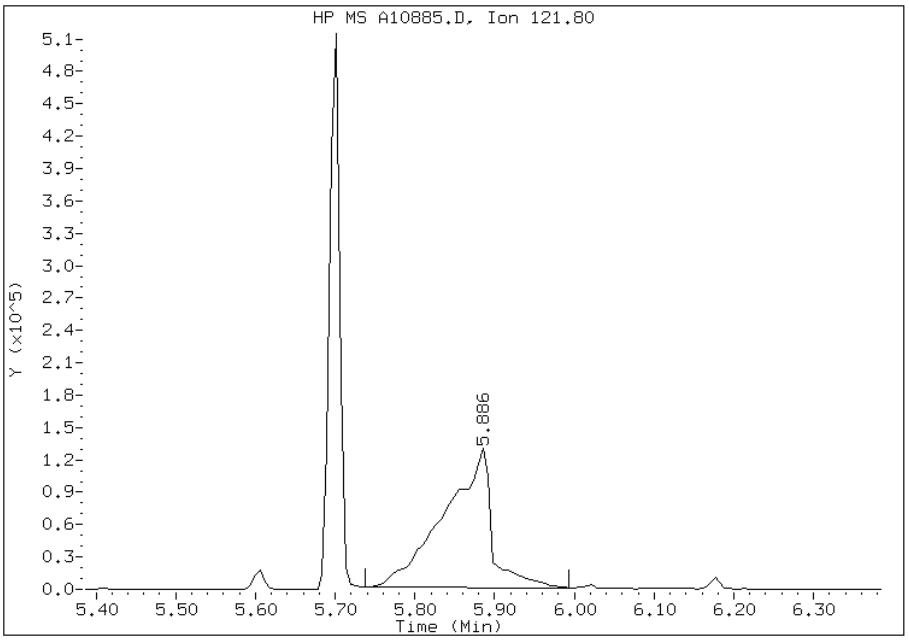
Manual Integration Results

RT: 5.89

Response: 531751

Amount: 41

Conc: 41



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10886.D
Lab Smp Id: IC-437926 Client Smp ID: IC-437926
Inj Date : 06-MAY-2010 09:31
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-437926;60
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010882.b\MSA-8270C.m
Meth Date : 06-May-2010 10:40 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 09:31 Cal File: A10886.D
Als bottle: 4 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	270188	20.0000	
$ 2	2-Fluorophenol	112	3.185	3.185	(0.687)	761324	60.0000	59
$ 3	Phenol-d5	99	4.336	4.336	(0.935)	1218942	60.0000	57
4	Pyridine	52	1.446	1.446	(0.312)	100136	60.0000	61
5	N-Nitrosodimethylamine	42	1.440	1.440	(0.310)	81275	60.0000	61
6	Cyclohexanone	42	3.404	3.404	(0.734)	397567	60.0000	47
128	Benzaldehyde	77	4.158	4.158	(0.896)	130191	60.0000	15
7	Phenol	94	4.354	4.354	(0.939)	1190929	60.0000	56
8	Aniline	93	4.301	4.301	(0.927)	1494278	60.0000	57
9	bis(2-Chloroethyl)ether	63	4.407	4.407	(0.950)	876823	60.0000	59
10	2-Chlorophenol	128	4.425	4.425	(0.954)	959386	60.0000	54
11	1,3-Dichlorobenzene	146	4.574	4.574	(0.986)	1119567	60.0000	55
12	1,4-Dichlorobenzene	146	4.657	4.657	(1.004)	1103546	60.0000	54
13	Benzyl alcohol	108	4.841	4.841	(1.043)	686870	60.0000	57
14	1,2-Dichlorobenzene	146	4.823	4.823	(1.040)	941213	60.0000	62
15	2,2'-oxybis(1-Chloropropane)	45	4.983	4.983	(1.074)	1854894	60.0000	56
16	2-Methylphenol	108	4.995	4.995	(1.077)	908729	60.0000	53
92	Acetophenone	105	5.108	5.108	(1.101)	1478596	60.0000	56
17	Hexachloroethane	117	5.173	5.173	(1.115)	476137	60.0000	53
18	N-Nitroso-di-n-propylamine	70	5.138	5.138	(1.107)	786807	60.0000	57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.161	5.161	(1.113)	990943	60.0000	49
*	20 Naphthalene-d8	136	5.998	5.998	(1.000)	1487638	20.0000	
$	21 Nitrobenzene-d5	82	5.256	5.256	(0.876)	1215257	60.0000	57
	22 Nitrobenzene	77	5.274	5.274	(0.879)	1149006	60.0000	55
	23 Isophorone	82	5.547	5.547	(0.925)	2451934	60.0000	58
	24 2-Nitrophenol	139	5.612	5.612	(0.936)	765416	60.0000	56
	25 2,4-Dimethylphenol	122	5.713	5.713	(0.953)	1102626	60.0000	54
	26 Benzoic Acid	122	5.927	5.927	(0.988)	1038174	60.0000	70(M)
	27 Bis(2-Chloroethoxy)methane	93	5.802	5.802	(0.967)	1458606	60.0000	54
	28 2,4-Dichlorophenol	162	5.885	5.885	(0.981)	996650	60.0000	49
	29 1,2,4-Trichlorobenzene	180	5.951	5.951	(0.992)	1003305	60.0000	49
	30 Naphthalene	128	6.028	6.028	(1.005)	3460840	60.0000	61
	31 4-Chloroaniline	127	6.111	6.111	(1.019)	1595336	60.0000	49
	32 Hexachlorobutadiene	225	6.182	6.182	(1.031)	380964	60.0000	61
	129 Caprolactam	113	6.562	6.562	(1.094)	448044	60.0000	57
	33 4-Chloro-3-methylphenol	107	6.669	6.669	(1.112)	1164411	60.0000	53
	34 2-Methylnaphthalene	142	6.764	6.764	(1.128)	2449000	60.0000	62
*	35 Acenaphthene-d10	164	7.856	7.856	(1.000)	1077115	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.728	6.728	(1.450)	1046630	60.0000	51
	37 Hexachlorocyclopentadiene	237	6.942	6.942	(0.884)	507932	60.0000	55
	38 2,4,6-Trichlorophenol	196	7.078	7.078	(0.901)	777290	60.0000	53
	39 2,4,5-Trichlorophenol	196	7.126	7.126	(0.907)	834071	60.0000	57
$	40 2-Fluorobiphenyl	172	7.167	7.167	(0.912)	2504196	60.0000	59
	130 1,1'-Biphenyl	154	7.268	7.268	(0.925)	2132592	60.0000	58
	41 2-Chloronaphthalene	162	7.274	7.274	(0.926)	1952863	60.0000	61
	42 2-Nitroaniline	65	7.399	7.399	(0.942)	940934	60.0000	59
	43 Acenaphthylene	152	7.702	7.702	(0.980)	4557147	60.0000	61
	44 Dimethylphthalate	163	7.618	7.618	(0.970)	3308781	60.0000	55
	45 2,6-Dinitrotoluene	165	7.672	7.672	(0.977)	835392	60.0000	57
	46 Acenaphthene	153	7.892	7.892	(1.005)	2705684	60.0000	60
	47 3-Nitroaniline	138	7.844	7.844	(0.998)	1055640	60.0000	54
	48 2,4-Dinitrophenol	184	7.951	7.951	(1.012)	582670	60.0000	60
	49 Dibenzofuran	168	8.076	8.076	(1.028)	3383399	60.0000	61
	50 2,4-Dinitrotoluene	165	8.087	8.087	(1.029)	1020045	60.0000	54
	51 4-Nitrophenol	109	8.058	8.058	(1.026)	372814	60.0000	62
	52 Fluorene	166	8.432	8.432	(1.073)	2842109	60.0000	59
	53 4-Chlorophenyl-phenylether	204	8.449	8.449	(1.076)	1052094	60.0000	62
	54 Diethylphthalate	149	8.366	8.366	(1.065)	3541078	60.0000	53
	55 4-Nitroaniline	138	8.497	8.497	(1.082)	1281566	60.0000	59
$	56 2,4,6-Tribromophenol	330	8.693	8.693	(1.107)	377086	60.0000	49
*	57 Phenanthrene-d10	188	9.411	9.411	(1.000)	2076445	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.527	8.527	(0.906)	721722	60.0000	60
	59 N-Nitrosodiphenylamine (1)	169	8.586	8.586	(0.912)	2398593	60.0000	62
	60 1,2-Diphenylhydrazine	77	8.616	8.616	(0.915)	3834838	60.0000	49
	61 4-Bromophenyl-phenylether	248	8.960	8.960	(0.952)	662870	60.0000	63
	131 Atrazine	200	9.179	9.179	(0.975)	909168	60.0000	53
	62 Hexachlorobenzene	284	9.019	9.019	(0.958)	726717	60.0000	63
	63 Pentachlorophenol	266	9.233	9.233	(0.981)	566507	60.0000	55
	64 Phenanthrene	178	9.441	9.441	(1.003)	4693408	60.0000	62
	65 Carbazole	167	9.678	9.678	(1.028)	5173686	60.0000	62
	66 Anthracene	178	9.494	9.494	(1.009)	4760938	60.0000	62
	67 Di-n-butylphthalate	149	10.076	10.076	(1.071)	6798107	60.0000	46
	68 Fluoranthene	202	10.693	10.693	(1.136)	4819676	60.0000	44
*	70 Chrysene-d12	240	12.242	12.242	(1.000)	1340930	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.841	10.841	(0.886)	1319930	60.0000	36
72	Pyrene	202	10.924	10.924	(0.892)	4949742	60.0000	49
$ 73	Terphenyl-d14	244	11.108	11.108	(0.907)	2546590	60.0000	50
74	Butylbenzylphthalate	149	11.637	11.637	(0.951)	3113439	60.0000	62
124	3,3'-Dimethylbenzidine	212	11.607	11.607	(0.948)	801467	60.0000	30
75	3,3'-Dichlorobenzidine	252	12.218	12.218	(0.998)	943013	60.0000	50
76	Benzo(a)anthracene	228	12.230	12.230	(0.999)	3476544	60.0000	55
77	Chrysene	228	12.278	12.278	(1.003)	3547538	60.0000	57
78	Bis(2-Ethylhexyl)phthalate	149	12.307	12.307	(1.005)	4744812	60.0000	60
* 79	Perylene-d12	264	14.290	14.290	(1.000)	661568	20.0000	
80	Di-n-octylphthalate	149	13.174	13.174	(0.922)	5094188	60.0000	60
81	Benzo(b)fluoranthene	252	13.696	13.696	(0.958)	2819355	60.0000	63
82	Benzo(k)fluoranthene	252	13.738	13.738	(0.961)	2801601	60.0000	61
83	Benzo(a)pyrene	252	14.207	14.207	(0.994)	2198112	60.0000	65
84	Indeno(1,2,3-cd)pyrene	276	16.207	16.207	(1.134)	1233157	60.0000	65
85	Dibenzo(a,h)anthracene	278	16.260	16.260	(1.138)	1168552	60.0000	70
86	Benzo(g,h,i)perylene	276	16.717	16.717	(1.170)	1462093	60.0000	62
167	Simazine	201	9.156	9.156	(0.973)	701810	60.0000	59

QC Flag Legend

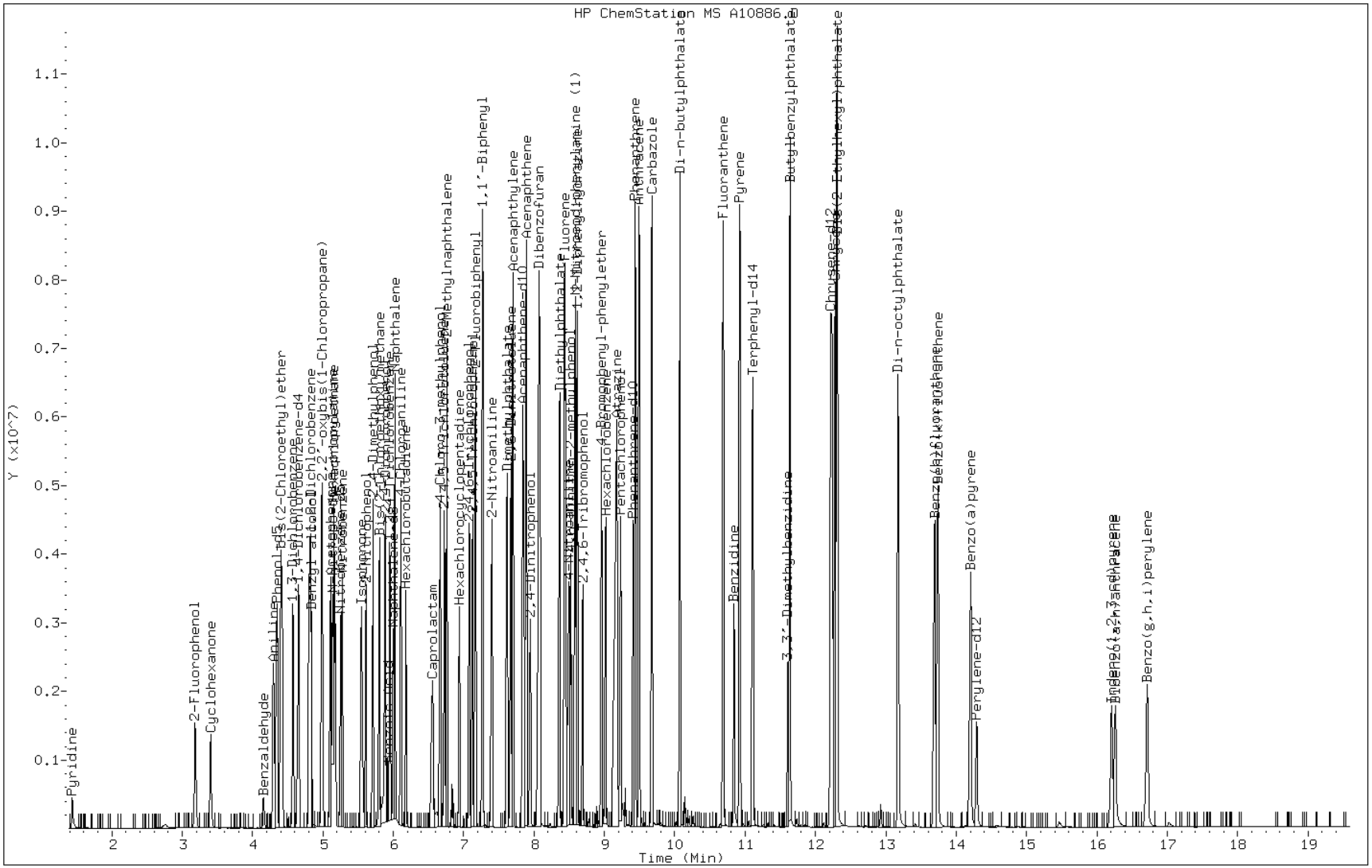
M - Compound response manually integrated.

Data File: A10886.D

Date: 06-MAY-2010 09:31

Client ID: IC-437926 Instrument: msa.i

Sample Info: IC-437926;60 Operator: S.Jonas



Manual Integration Report

Data File: A10886.D
Inj. Date and Time: 06-MAY-2010 09:31
Instrument ID: msa.i
Client ID: IC-437926
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/07/2010

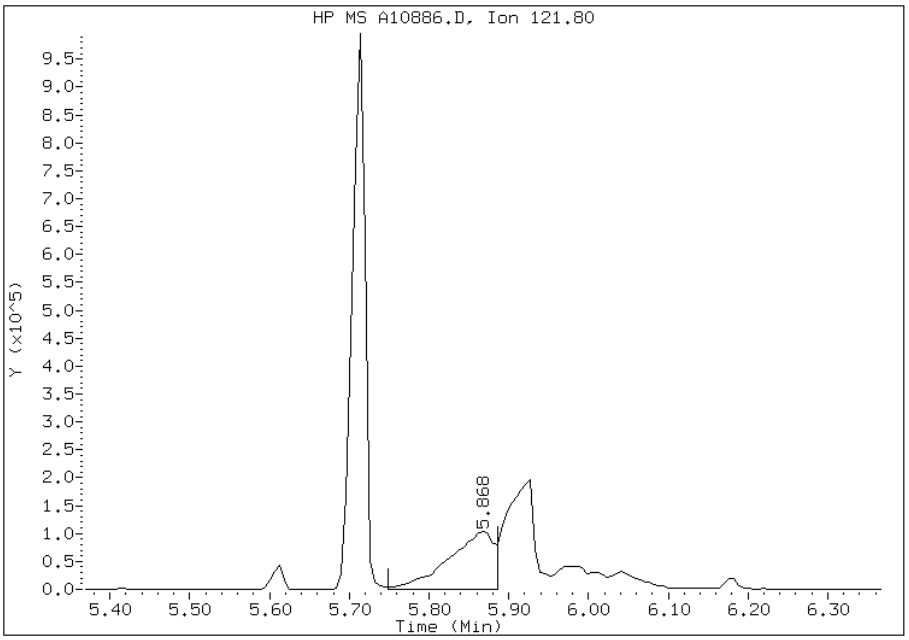
Processing Integration Results

RT: 5.87

Response: 419263

Amount: 36

Conc: 36



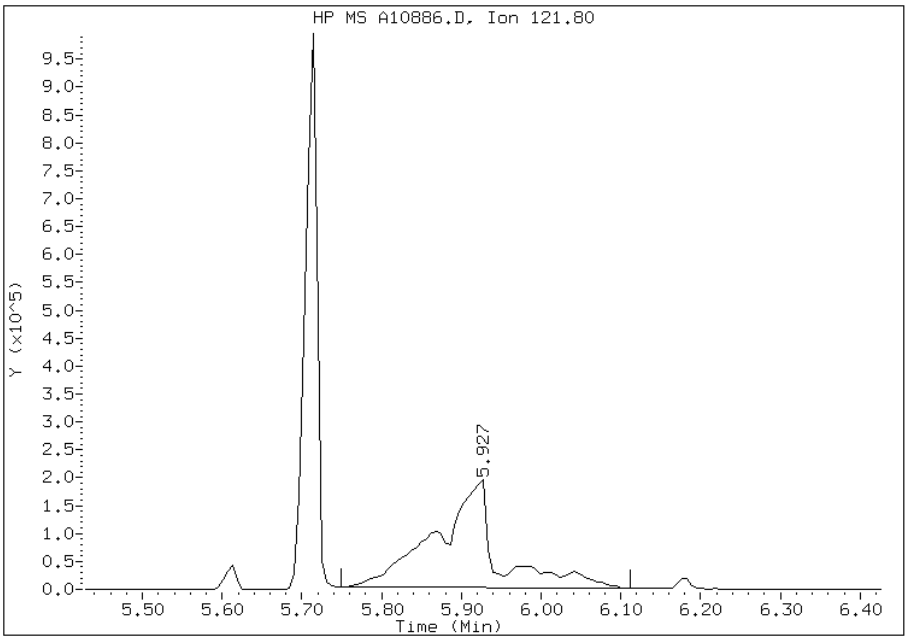
Manual Integration Results

RT: 5.93

Response: 1038174

Amount: 70

Conc: 70



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\A10887.D
Lab Smp Id: IC-437927 Client Smp ID: IC-437927
Inj Date : 06-MAY-2010 09:59
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-437927;80
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010882.b\MSA-8270C.m
Meth Date : 06-May-2010 10:40 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 09:59 Cal File: A10887.D
Als bottle: 5 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.639	4.639	(1.000)	270142	20.0000	
$ 2	2-Fluorophenol	112	3.191	3.191	(0.688)	930777	80.0000	73
$ 3	Phenol-d5	99	4.348	4.348	(0.937)	1465479	80.0000	69
4	Pyridine	52	1.446	1.446	(0.312)	125106	80.0000	76
5	N-Nitrosodimethylamine	42	1.446	1.446	(0.312)	102989	80.0000	78
6	Cyclohexanone	42	3.404	3.404	(0.734)	432755	80.0000	52
128	Benzaldehyde	77	4.158	4.158	(0.896)	112953	80.0000	13
7	Phenol	94	4.366	4.366	(0.941)	1402354	80.0000	66
8	Aniline	93	4.301	4.301	(0.927)	1826030	80.0000	70
9	bis(2-Chloroethyl)ether	63	4.407	4.407	(0.950)	1039093	80.0000	70
10	2-Chlorophenol	128	4.431	4.431	(0.955)	1131083	80.0000	64
11	1,3-Dichlorobenzene	146	4.580	4.580	(0.987)	1333623	80.0000	66
12	1,4-Dichlorobenzene	146	4.663	4.663	(1.005)	1311775	80.0000	64
13	Benzyl alcohol	108	4.847	4.847	(1.045)	830013	80.0000	69
14	1,2-Dichlorobenzene	146	4.823	4.823	(1.040)	1091448	80.0000	79
15	2,2'-oxybis(1-Chloropropane)	45	4.983	4.983	(1.074)	2266257	80.0000	68
16	2-Methylphenol	108	5.001	5.001	(1.078)	1118169	80.0000	65
92	Acetophenone	105	5.114	5.114	(1.102)	1844037	80.0000	69
17	Hexachloroethane	117	5.179	5.179	(1.116)	506475	80.0000	57
18	N-Nitroso-di-n-propylamine	70	5.143	5.143	(1.109)	925038	80.0000	67

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.167	5.167	(1.114)	1064946	80.0000	53
*	20 Naphthalene-d8	136	6.004	6.004	(1.000)	1485148	20.0000	
$	21 Nitrobenzene-d5	82	5.256	5.256	(0.875)	1493329	80.0000	70
	22 Nitrobenzene	77	5.280	5.280	(0.879)	1386546	80.0000	67
	23 Isophorone	82	5.553	5.553	(0.925)	3055867	80.0000	73
	24 2-Nitrophenol	139	5.618	5.618	(0.936)	930394	80.0000	68
	25 2,4-Dimethylphenol	122	5.719	5.719	(0.953)	1334240	80.0000	65
	26 Benzoic Acid	122	5.933	5.933	(0.988)	1264643	80.0000	75(M)
	27 Bis(2-Chloroethoxy)methane	93	5.808	5.808	(0.967)	1757479	80.0000	65
	28 2,4-Dichlorophenol	162	5.891	5.891	(0.981)	1179932	80.0000	59
	29 1,2,4-Trichlorobenzene	180	5.957	5.957	(0.992)	1154909	80.0000	56
	30 Naphthalene	128	6.028	6.028	(1.004)	4026738	80.0000	79
	31 4-Chloroaniline	127	6.111	6.111	(1.018)	1896775	80.0000	58
	32 Hexachlorobutadiene	225	6.182	6.182	(1.030)	445822	80.0000	79
	129 Caprolactam	113	6.586	6.586	(1.097)	577876	80.0000	73
	33 4-Chloro-3-methylphenol	107	6.675	6.675	(1.112)	1387255	80.0000	64
	34 2-Methylnaphthalene	142	6.770	6.770	(1.127)	2824568	80.0000	79
*	35 Acenaphthene-d10	164	7.856	7.856	(1.000)	1001080	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.728	6.728	(1.450)	1228443	80.0000	60
	37 Hexachlorocyclopentadiene	237	6.942	6.942	(0.884)	561489	80.0000	65
	38 2,4,6-Trichlorophenol	196	7.084	7.084	(0.902)	918503	80.0000	68
	39 2,4,5-Trichlorophenol	196	7.132	7.132	(0.908)	1017473	80.0000	74
$	40 2-Fluorobiphenyl	172	7.173	7.173	(0.913)	2899753	80.0000	80(A)
	130 1,1'-Biphenyl	154	7.268	7.268	(0.925)	2365283	80.0000	81(A)
	41 2-Chloronaphthalene	162	7.280	7.280	(0.927)	2121430	80.0000	79
	42 2-Nitroaniline	65	7.405	7.405	(0.943)	1154824	80.0000	78
	43 Acenaphthylene	152	7.707	7.707	(0.981)	5243569	80.0000	77
	44 Dimethylphthalate	163	7.624	7.624	(0.971)	4034359	80.0000	72
	45 2,6-Dinitrotoluene	165	7.678	7.678	(0.977)	999825	80.0000	73
	46 Acenaphthene	153	7.897	7.897	(1.005)	3075991	80.0000	80(A)
	47 3-Nitroaniline	138	7.844	7.844	(0.998)	1245351	80.0000	69
	48 2,4-Dinitrophenol	184	7.957	7.957	(1.013)	748521	80.0000	81(A)
	49 Dibenzofuran	168	8.081	8.081	(1.029)	3639626	80.0000	79
	50 2,4-Dinitrotoluene	165	8.093	8.093	(1.030)	1256023	80.0000	71
	51 4-Nitrophenol	109	8.064	8.064	(1.026)	412367	80.0000	74
	52 Fluorene	166	8.437	8.437	(1.074)	3208993	80.0000	81(A)
	53 4-Chlorophenyl-phenylether	204	8.449	8.449	(1.076)	1111766	80.0000	79
	54 Diethylphthalate	149	8.366	8.366	(1.065)	4239008	80.0000	68
	55 4-Nitroaniline	138	8.509	8.509	(1.083)	1589438	80.0000	79
$	56 2,4,6-Tribromophenol	330	8.699	8.699	(1.107)	433443	80.0000	60
*	57 Phenanthrene-d10	188	9.417	9.417	(1.000)	2095027	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.532	8.532	(0.906)	872920	80.0000	72
	59 N-Nitrosodiphenylamine (1)	169	8.592	8.592	(0.912)	2799537	80.0000	79
	60 1,2-Diphenylhydrazine	77	8.621	8.621	(0.916)	4453757	80.0000	57
	61 4-Bromophenyl-phenylether	248	8.966	8.966	(0.952)	746786	80.0000	77
	131 Atrazine	200	9.185	9.185	(0.975)	1060919	80.0000	61
	62 Hexachlorobenzene	284	9.025	9.025	(0.958)	813602	80.0000	77
	63 Pentachlorophenol	266	9.239	9.239	(0.981)	674622	80.0000	65
	64 Phenanthrene	178	9.446	9.446	(1.003)	5397108	80.0000	79
	65 Carbazole	167	9.684	9.684	(1.028)	6026971	80.0000	79
	66 Anthracene	178	9.500	9.500	(1.009)	5425615	80.0000	78
	67 Di-n-butylphthalate	149	10.076	10.076	(1.070)	7649242	80.0000	51
	68 Fluoranthene	202	10.693	10.693	(1.136)	5499438	80.0000	50
*	70 Chrysene-d12	240	12.248	12.248	(1.000)	1299097	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.847	10.847	(0.886)	1427236	80.0000	40
72	Pyrene	202	10.930	10.930	(0.892)	5792771	80.0000	59
$ 73	Terphenyl-d14	244	11.114	11.114	(0.907)	2961742	80.0000	60
74	Butylbenzylphthalate	149	11.643	11.643	(0.951)	3681605	80.0000	75
124	3,3'-Dimethylbenzidine	212	11.607	11.607	(0.948)	828403	80.0000	32
75	3,3'-Dichlorobenzidine	252	12.218	12.218	(0.998)	1004830	80.0000	55
76	Benzo(a)anthracene	228	12.236	12.236	(0.999)	3876314	80.0000	64
77	Chrysene	228	12.284	12.284	(1.003)	4159978	80.0000	69
78	Bis(2-Ethylhexyl)phthalate	149	12.313	12.313	(1.005)	5552203	80.0000	72
* 79	Perylene-d12	264	14.296	14.296	(1.000)	638479	20.0000	
80	Di-n-octylphthalate	149	13.180	13.180	(0.922)	6710709	80.0000	81(A)
81	Benzo(b)fluoranthene	252	13.702	13.702	(0.958)	3538087	80.0000	82(A)
82	Benzo(k)fluoranthene	252	13.744	13.744	(0.961)	3366058	80.0000	76
83	Benzo(a)pyrene	252	14.213	14.213	(0.994)	2636001	80.0000	80(A)
84	Indeno(1,2,3-cd)pyrene	276	16.213	16.213	(1.134)	1542168	80.0000	84(A)
85	Dibenzo(a,h)anthracene	278	16.266	16.266	(1.138)	1465832	80.0000	91(A)
86	Benzo(g,h,i)perylene	276	16.723	16.723	(1.170)	1773103	80.0000	78
167	Simazine	201	9.162	9.162	(0.973)	822805	80.0000	68

QC Flag Legend

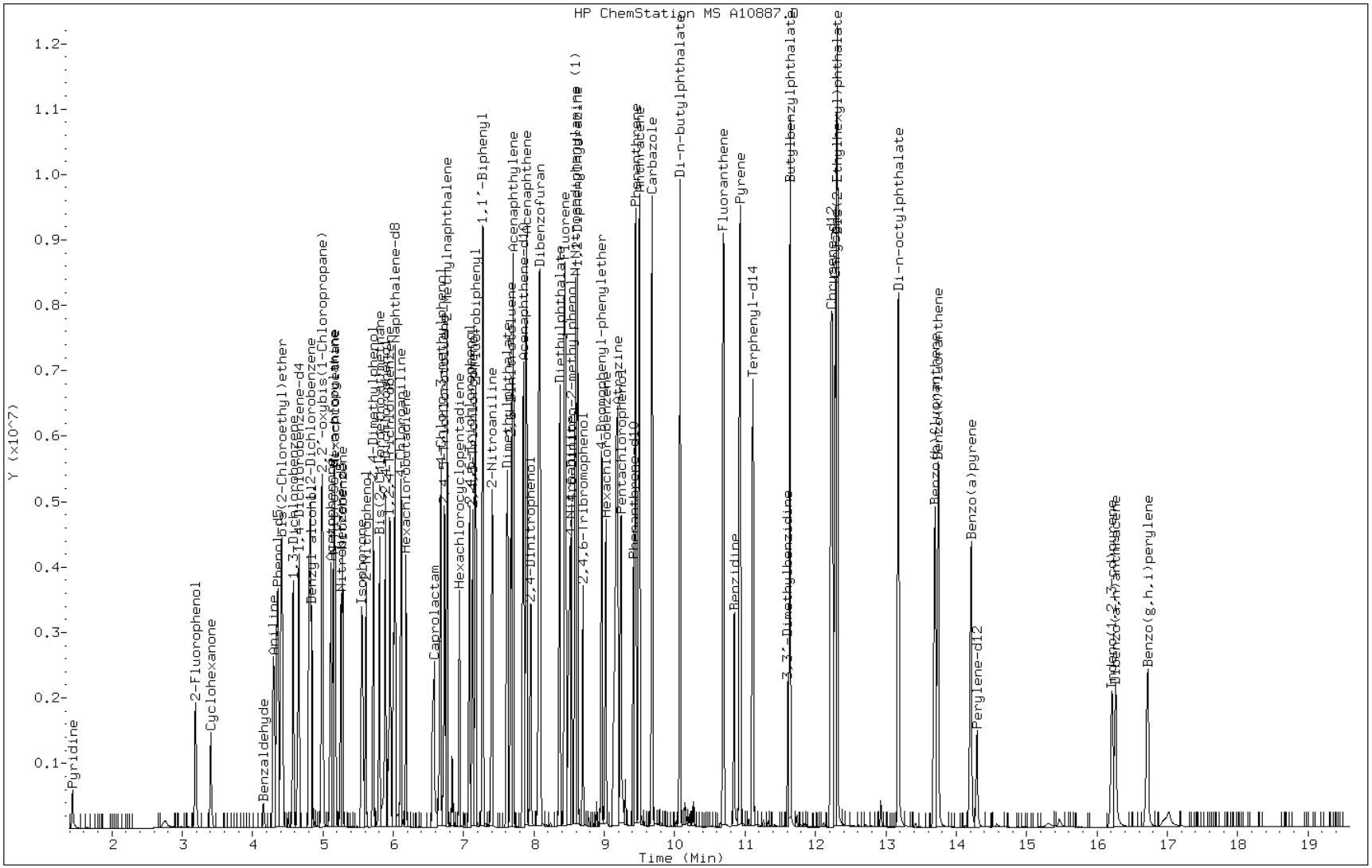
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: A10887.D

Date: 06-MAY-2010 09:59

Client ID: IC-437927 Instrument: msa.i

Sample Info: IC-437927;80 Operator: S.Jonas



Manual Integration Report

Data File: A10887.D
Inj. Date and Time: 06-MAY-2010 09:59
Instrument ID: msa.i
Client ID: IC-437927
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/07/2010

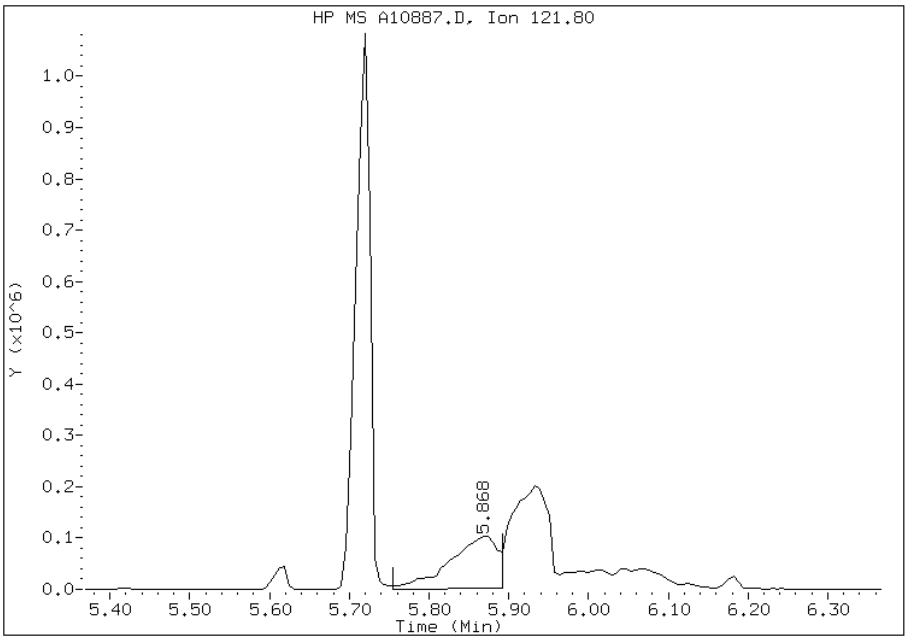
Processing Integration Results

RT: 5.87

Response: 435146

Amount: 42

Conc: 42



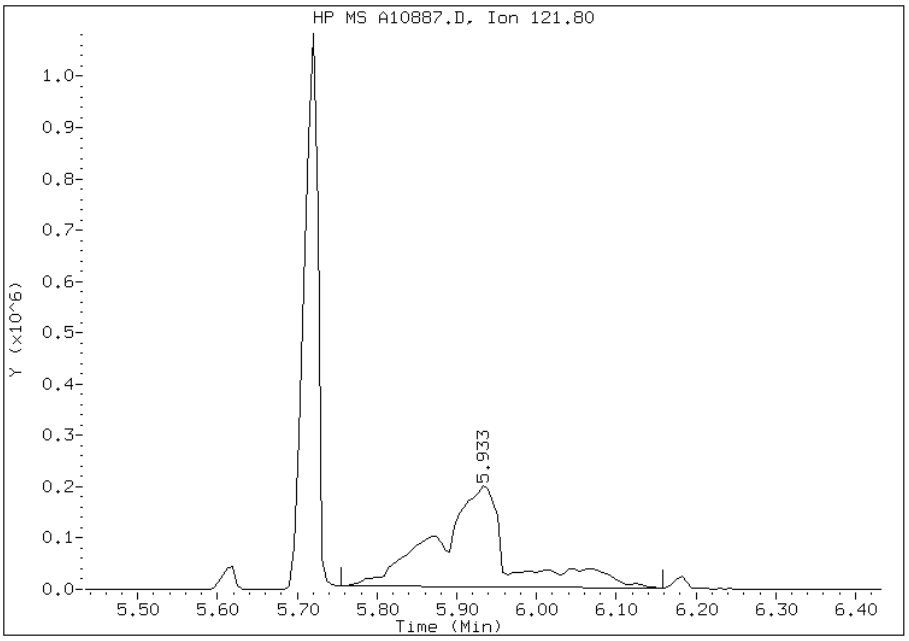
Manual Integration Results

RT: 5.93

Response: 1264643

Amount: 75

Conc: 75



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-38296/2	Z16138.D
Level 2	IC 220-38296/3	Z16139.D
Level 3	IC 220-38296/4	Z16140.D
Level 4	ICIS 220-38296/1	Z16136.D
Level 5	IC 220-38296/5	Z16141.D
Level 6	IC 220-38296/6	Z16142.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 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.2269 0.2203	0.2310	0.2332	0.2253	0.2389	Ave		0.2293				2.8		15.0			
Pyridine	0.2122 0.2938	0.2833	0.2878	0.3014	0.3186	Ave		0.2828				13.0		15.0			
Cyclohexanone	0.6145 +++++	0.6447	0.6228	0.6223	0.4829	Ave		0.5975				10.9		15.0			
Benzaldehyde	1.0247 0.1256	1.0358	0.9227	1.0561	0.1922	Ave		0.7262				60.9	*	15.0			
Aniline	2.0411 1.6057	2.0129	1.9456	1.8689	1.7914	Ave		1.8776				8.6		15.0			
Phenol	1.8250 1.4498	1.8366	1.7873	1.6755	1.6528	Ave		1.7045				8.6		30.0			
Bis(2-chloroethyl)ether	1.0541 0.8139	1.0280	0.9874	0.9181	0.8828	Ave		0.9474				9.7		15.0			
2-Chlorophenol	1.3334 1.1217	1.3699	1.3625	1.2725	1.2664	Ave		1.2877				7.2		15.0			
1,3-Dichlorobenzene	1.5491 1.2867	1.5870	1.5447	1.4357	1.4290	Ave		1.4720				7.6		15.0			
1,4-Dichlorobenzene	1.6299 1.2770	1.6050	1.5760	1.4550	1.4474	Ave		1.4984				8.9		30.0			
Benzyl alcohol	0.8164 0.6191	0.8549	0.8272	0.7279	0.6922	Ave		0.7563				12.1		15.0			
1,2-Dichlorobenzene	1.5397 +++++	1.5650	1.4750	1.2692	1.2182	Ave		1.4134				11.3		15.0			
2-Methylphenol	1.3109 1.0154	1.3606	1.3147	1.2060	1.1537	Ave		1.2269				10.5		15.0			
2,2'-oxybis[1-chloropropane]	2.0283 1.4570	2.0996	2.0072	1.8223	1.7166	Ave		1.8552				13.0		15.0			
Acetophenone	2.0582 1.7215	2.0838	2.0575	1.9445	1.8864	Ave		1.9586				7.1		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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

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 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodi-n-propylamine	1.0178 0.7863	1.0171	1.0142	0.9215	0.8844	Ave		0.9402			0.0500	10.0		15.0			
4-Methylphenol	1.4020 1.0279	1.4299	1.3806	1.2420	1.1795	Ave		1.2770				12.3		15.0			
Hexachloroethane	0.6777 0.5493	0.6782	0.6757	0.6414	0.6177	Ave		0.6400				7.9		15.0			
Nitrobenzene	0.3520 0.2915	0.3654	0.3489	0.3351	0.3227	Ave		0.3359				7.8		15.0			
Isophorone	0.6044 0.5388	0.6160	0.6068	0.5908	0.5738	Ave		0.5884				4.8		15.0			
2-Nitrophenol	0.1672 0.1630	0.1881	0.1868	0.1798	0.1786	Ave		0.1772				5.8		30.0			
2,4-Dimethylphenol	0.2834 0.2254	0.2930	0.2832	0.2581	0.2474	Ave		0.2651				9.8		15.0			
Bis(2-chloroethoxy)methane	0.3983 0.3166	0.4053	0.3910	0.3629	0.3470	Ave		0.3702				9.3		15.0			
Benzoic acid	0.0854 0.1924	0.1522	0.1650	0.1848	0.1953	Lin	0.3064	0.2118						15.0	0.9982		0.9900
2,4-Dichlorophenol	0.2547 0.2170	0.2747	0.2767	0.2558	0.2434	Ave		0.2537				8.7		30.0			
1,2,4-Trichlorobenzene	0.3193 0.2444	0.3228	0.3038	0.2789	0.2676	Ave		0.2895				10.7		15.0			
Naphthalene	1.1072 +++++	1.0941	1.0105	0.9056	0.8460	Ave		0.9927				11.6		15.0			
4-Chloroaniline	0.4165 0.3107	0.4328	0.4165	0.3919	0.3528	Ave		0.3869				12.0		15.0			
Hexachlorobutadiene	0.2062 0.1489	0.2057	0.1959	0.1784	0.1662	Ave		0.1835				12.6		30.0			
Caprolactam	0.0546 0.0846	0.0751	0.0837	0.0899	0.0881	Lin	0.0430	0.0876						15.0	0.9979		0.9900
4-Chloro-3-methylphenol	0.3037 0.2452	0.3109	0.3101	0.2941	0.2748	Ave		0.2898				8.8		30.0			
2,4,5-Trichlorotoluene	1.4599 1.1038	1.4442	1.4144	1.2592	1.2287	Ave		1.3184				10.9		15.0			
2-Methylnaphthalene	0.7471 0.5047	0.7323	0.6841	0.6163	0.5698	Ave		0.6424				14.9		15.0			
Hexachlorocyclopentadiene	0.1983 0.2499	0.2639	0.2887	0.2836	0.2758	Ave		0.2600			0.0500	12.8		15.0			
2,4,6-Trichlorophenol	0.3208 0.2846	0.3603	0.3422	0.3244	0.3067	Ave		0.3232				8.2		30.0			

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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

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 3	LVL 4	LVL 5		B	M1	M2								
2,4,5-Trichlorophenol	0.3475 0.2988	0.3530	0.3510	0.3298	0.3241	Ave		0.3340				6.3		15.0			
1,1'-Biphenyl	1.6134 +++++	1.5238	1.3929	1.2018	1.0766	Lin	-0.222	1.0384						15.0	0.9910		0.9900
2-Chloronaphthalene	1.1784 +++++	1.1332	1.0470	0.9284	0.8533	Ave		1.0281				13.3		15.0			
2-Nitroaniline	0.3337 0.2992	0.3514	0.3557	0.3421	0.3247	Ave		0.3345				6.2		15.0			
Dimethyl phthalate	1.1522 0.9570	1.1655	1.1474	1.0891	1.0472	Ave		1.0930				7.4		15.0			
2,6-Dinitrotoluene	0.2516 0.2394	0.2758	0.2812	0.2732	0.2594	Ave		0.2634				6.1		15.0			
Acenaphthylene	2.0722 1.4456	2.0693	1.9263	1.7645	1.6341	Ave		1.8187				13.8		15.0			
3-Nitroaniline	0.2982 0.2879	0.3380	0.3424	0.3382	0.3210	Ave		0.3209				7.2		15.0			
Acenaphthene	1.3204 +++++	1.2706	1.1898	1.0497	0.9715	Ave		1.1604				12.7		30.0			
2,4-Dinitrophenol	+++++ 0.1469	0.1003	0.1123	0.1400	0.1482	Lin	0.4610	0.1700			0.0500			15.0	0.9944		0.9900
4-Nitrophenol	0.1239 0.1586	0.1531	0.1595	0.1675	0.1677	Ave		0.1550			0.0500	10.5		15.0			
2,4-Dinitrotoluene	0.3414 0.2676	0.3753	0.3645	0.3314	0.3020	Ave		0.3304				12.1		15.0			
Dibenzofuran	1.8621 +++++	1.8052	1.6832	1.4371	1.2991	Ave		1.6174				14.9		15.0			
Diethyl phthalate	1.1611 1.0312	1.2342	1.2123	1.1850	1.1307	Ave		1.1591				6.3		15.0			
Fluorene	1.4384 +++++	1.3628	1.2565	1.0681	0.9788	Lin	-0.213	0.9399						15.0	0.9928		0.9900
4-Chlorophenyl phenyl ether	0.6380 +++++	0.6240	0.5783	0.5073	0.4498	Ave		0.5595				14.3		15.0			
4-Nitroaniline	0.2802 0.2853	0.3194	0.3176	0.3123	0.3113	Ave		0.3044				5.6		15.0			
4,6-Dinitro-2-methylphenol	0.0692 0.1139	0.1065	0.1063	0.1217	0.1229	Lin	0.1668	0.1240						15.0	0.9917		0.9900
N-Nitrosodiphenylamine	0.5846 0.4310	0.5704	0.5427	0.5035	0.4758	Ave		0.5180				11.4		30.0			
1,2-Diphenylhydrazine	0.9109 0.6498	0.8864	0.8737	0.7951	0.7283	Ave		0.8074				12.7		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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

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 3	LVL 4	LVL 5		B	M1	M2								
4-Bromophenyl phenyl ether	0.1982 0.1584	0.2011	0.1930	0.1844	0.1743	Ave		0.1849				8.8		15.0			
Hexachlorobenzene	0.2483 0.1960	0.2489	0.2384	0.2250	0.2136	Ave		0.2284				9.2		15.0			
Simazine	0.0759 0.0921	0.0910	0.0929	0.0991	0.0992	Ave		0.0917				9.3		15.0			
Atrazine	0.1298 0.1357	0.1494	0.1548	0.1515	0.1434	Ave		0.1441				6.7		15.0			
Pentachlorophenol	0.0978 0.1264	0.1261	0.1290	0.1299	0.1330	Ave		0.1237				10.5		30.0			
Phenanthrene	1.1731 0.7844	1.1218	1.0446	0.9471	0.8882	Ave		0.9932				14.8		15.0			
Anthracene	1.1402 0.8002	1.1311	1.0682	0.9822	0.8941	Ave		1.0027				13.6		15.0			
Carbazole	0.9775 0.7567	1.0183	0.9693	0.9138	0.8516	Ave		0.9145				10.6		15.0			
Di-n-butyl phthalate	0.7009 0.8722	0.8842	0.9480	0.9693	0.9549	Ave		0.8882				11.3		15.0			
Fluoranthene	0.8898 0.7912	0.9793	0.9724	0.9200	0.8801	Ave		0.9055				7.7		30.0			
Benzidine	0.4691 0.2116	0.5439	0.5450	0.6606	0.2798	Ave		0.4517				38.1	*	15.0			
Pyrene	2.5466 1.9821	2.5642	2.5318	2.4056	2.2172	Ave		2.3746				9.8		15.0			
3,3'-Dimethylbenzidine	0.2287 0.0927	0.3043	0.3001	0.4116	0.1099	Ave		0.2412				51.1	*	15.0			
Butyl benzyl phthalate	0.3433 0.5757	0.4670	0.4938	0.5711	0.5812	Lin	0.1104	0.5962						15.0	0.9994		0.9900
3,3'-Dichlorobenzidine	0.1363 0.2437	0.2165	0.2576	0.2863	0.2568	Lin	0.0160	0.2556						15.0	0.9906		0.9900
Benzo[a]anthracene	0.8630 1.0049	1.0041	1.0260	1.0835	1.0793	Ave		1.0101				7.9		15.0			
Chrysene	1.0609 0.9545	1.0798	1.0383	1.0525	1.0267	Ave		1.0355				4.2		15.0			
Bis(2-ethylhexyl) phthalate	0.3098 0.7649	0.5090	0.6150	0.7654	0.7704	Lin	0.1630	0.8056						15.0	0.9988		0.9900
Di-n-octyl phthalate	0.3979 1.4409	0.8418	1.1715	1.5925	1.4916	Lin	0.1667	1.5563						30.0	0.9933		0.9900
Benzo[b]fluoranthene	0.6914 1.1093	0.9098	1.0877	1.1859	1.1798	Lin	0.0609	1.1640						15.0	0.9965		0.9900

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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

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 3	LVL 4	LVL 5		B	M1	M2								
Benzo[k]fluoranthene	1.0732 1.3059	1.4178	1.3902	1.3980	1.4374	Ave		1.3371				10.2		15.0			
Benzo[a]pyrene	0.5122 1.0823	0.8176	1.0011	1.1268	1.1371	Lin	0.1035	1.1416						30.0	0.9976		0.9900
Indeno[1,2,3-cd]pyrene	0.3122 1.2119	0.6121	0.8478	1.1088	1.2133	Lin	0.2506	1.2964						15.0	0.9979		0.9900
Dibenz(a,h)anthracene	0.3849 1.3462	0.8464	1.0316	1.2279	1.4421	Lin	0.2182	1.4588						15.0	0.9944		0.9900
Benzo[g,h,i]perylene	0.6016 1.3416	1.0532	1.2041	1.3267	1.4245	Lin	0.1216	1.4186						15.0	0.9975		0.9900
2-Fluorophenol	0.9654 0.9904	1.0958	1.1145	1.0807	1.1037	Ave		1.0584				6.0		15.0			
Phenol-d5	1.5691 1.2429	1.5409	1.5073	1.3984	1.3962	Ave		1.4425				8.4		15.0			
Nitrobenzene-d5	0.3468 0.2988	0.3525	0.3496	0.3330	0.3266	Ave		0.3346				6.0		15.0			
2-Fluorobiphenyl	1.3721 +++++	1.3511	1.2540	1.1059	1.0399	Ave		1.2246				12.0		15.0			
2,4,6-Tribromophenol	0.1655 0.1686	0.1820	0.1860	0.1829	0.1845	Ave		0.1782				5.0		15.0			
Terphenyl-d14	0.9850 0.9760	1.0543	1.0685	1.0829	1.0535	Ave		1.0367				4.3		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 Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-38296/2	Z16138.D
Level 2	IC 220-38296/3	Z16139.D
Level 3	IC 220-38296/4	Z16140.D
Level 4	ICIS 220-38296/1	Z16136.D
Level 5	IC 220-38296/5	Z16141.D
Level 6	IC 220-38296/6	Z16142.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
N-Nitrosodimethylamine	DCB	Ave	463 8586	1166	2348	4605	6563	4.00 80.0	10.0	20.0	40.0	60.0
Pyridine	DCB	Ave	433 11452	1430	2898	6159	8751	4.00 80.0	10.0	20.0	40.0	60.0
Cyclohexanone	DCB	Ave	1254 +++++	3255	6270	12719	13267	4.00 +++++	10.0	20.0	40.0	60.0
Benzaldehyde	DCB	Ave	2091 4896	5229	9290	21584	5280	4.00 80.0	10.0	20.0	40.0	60.0
Aniline	DCB	Ave	4165 62585	10162	19588	38196	49211	4.00 80.0	10.0	20.0	40.0	60.0
Phenol	DCB	Ave	3724 56506	9272	17995	34243	45403	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-chloroethyl)ether	DCB	Ave	2151 31723	5190	9941	18765	24251	4.00 80.0	10.0	20.0	40.0	60.0
2-Chlorophenol	DCB	Ave	2721 43719	6916	13718	26007	34790	4.00 80.0	10.0	20.0	40.0	60.0
1,3-Dichlorobenzene	DCB	Ave	3161 50150	8012	15552	29342	39255	4.00 80.0	10.0	20.0	40.0	60.0
1,4-Dichlorobenzene	DCB	Ave	3326 49774	8103	15867	29737	39761	4.00 80.0	10.0	20.0	40.0	60.0
Benzyl alcohol	DCB	Ave	1666 24130	4316	8328	14876	19016	4.00 80.0	10.0	20.0	40.0	60.0
1,2-Dichlorobenzene	DCB	Ave	3142 +++++	7901	14850	25940	33465	4.00 +++++	10.0	20.0	40.0	60.0
2-Methylphenol	DCB	Ave	2675 39577	6869	13236	24648	31694	4.00 80.0	10.0	20.0	40.0	60.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	4139 56789	10600	20208	37245	47157	4.00 80.0	10.0	20.0	40.0	60.0
Acetophenone	DCB	Ave	4200 67097	10520	20715	39742	51820	4.00 80.0	10.0	20.0	40.0	60.0
N-Nitrosodi-n-propylamine	DCB	Ave	2077 30645	5135	10211	18833	24294	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
4-Methylphenol	DCB	Ave	2861 40065	7219	13900	25384	32402	4.00 80.0	10.0	20.0	40.0	60.0
Hexachloroethane	DCB	Ave	1383 21411	3424	6803	13108	16970	4.00 80.0	10.0	20.0	40.0	60.0
Nitrobenzene	NPT	Ave	3274 52753	8300	16252	31571	41848	4.00 80.0	10.0	20.0	40.0	60.0
Isophorone	NPT	Ave	5622 97524	13993	28262	55659	74406	4.00 80.0	10.0	20.0	40.0	60.0
2-Nitrophenol	NPT	Ave	1555 29501	4273	8701	16935	23164	4.00 80.0	10.0	20.0	40.0	60.0
2,4-Dimethylphenol	NPT	Ave	2636 40803	6655	13190	24318	32075	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-chloroethoxy)methane	NPT	Ave	3705 57306	9207	18211	34189	44997	4.00 80.0	10.0	20.0	40.0	60.0
Benzoic acid	NPT	Lin	1985 34822	8645	11526	17410	25323	10.0 80.0	25.0	30.0	40.0	60.0
2,4-Dichlorophenol	NPT	Ave	2369 39271	6240	12888	24101	31568	4.00 80.0	10.0	20.0	40.0	60.0
1,2,4-Trichlorobenzene	NPT	Ave	2970 44231	7334	14151	26277	34695	4.00 80.0	10.0	20.0	40.0	60.0
Naphthalene	NPT	Ave	10299 +++++	24853	47063	85321	109707	4.00 +++++	10.0	20.0	40.0	60.0
4-Chloroaniline	NPT	Ave	3874 56238	9832	19398	36926	45743	4.00 80.0	10.0	20.0	40.0	60.0
Hexachlorobutadiene	NPT	Ave	1918 26956	4672	9125	16805	21547	4.00 80.0	10.0	20.0	40.0	60.0
Caprolactam	NPT	Lin	508 15320	1707	3896	8472	11424	4.00 80.0	10.0	20.0	40.0	60.0
4-Chloro-3-methylphenol	NPT	Ave	2825 44372	7063	14441	27709	35638	4.00 80.0	10.0	20.0	40.0	60.0
2,4,5-Trichlorotoluene	DCB	Ave	2979 43021	7291	14240	25736	33754	4.00 80.0	10.0	20.0	40.0	60.0
2-Methylnaphthalene	NPT	Ave	6949 91340	16635	31863	58067	73889	4.00 80.0	10.0	20.0	40.0	60.0
Hexachlorocyclopentadiene	ANT	Ave	1089 27195	3588	8178	16223	21632	4.00 80.0	10.0	20.0	40.0	60.0
2,4,6-Trichlorophenol	ANT	Ave	1762 30977	4899	9694	18554	24054	4.00 80.0	10.0	20.0	40.0	60.0
2,4,5-Trichlorophenol	ANT	Ave	4772 32516	11998	14913	18867	25413	10.0 80.0	25.0	30.0	40.0	60.0
1,1'-Biphenyl	ANT	Lin	8861 +++++	20717	39454	68747	84430	4.00 +++++	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
2-Chloronaphthalene	ANT	Ave	6472 +++++	15407	29656	53105	66917	4.00 +++++	10.0	20.0	40.0	60.0
2-Nitroaniline	ANT	Ave	1833 32564	4778	10075	19569	25467	4.00 80.0	10.0	20.0	40.0	60.0
Dimethyl phthalate	ANT	Ave	6328 104157	15845	32500	62296	82126	4.00 80.0	10.0	20.0	40.0	60.0
2,6-Dinitrotoluene	ANT	Ave	1382 26058	3749	7965	15627	20346	4.00 80.0	10.0	20.0	40.0	60.0
Acenaphthylene	ANT	Ave	11381 157328	28133	54564	100935	128154	4.00 80.0	10.0	20.0	40.0	60.0
3-Nitroaniline	ANT	Ave	1638 31335	4595	9698	19347	25170	4.00 80.0	10.0	20.0	40.0	60.0
Acenaphthene	ANT	Ave	7252 +++++	17275	33702	60043	76191	4.00 +++++	10.0	20.0	40.0	60.0
2,4-Dinitrophenol	ANT	Lin	+++++ 15986	3409	4773	8009	11619	+++++ 80.0	25.0	30.0	40.0	60.0
4-Nitrophenol	ANT	Ave	1701 17264	5203	6777	9580	13151	10.0 80.0	25.0	30.0	40.0	60.0
2,4-Dinitrotoluene	ANT	Ave	1875 29127	5102	10325	18959	23683	4.00 80.0	10.0	20.0	40.0	60.0
Dibenzofuran	ANT	Ave	10227 +++++	24543	47679	82206	101881	4.00 +++++	10.0	20.0	40.0	60.0
Diethyl phthalate	ANT	Ave	6377 112236	16779	34340	67785	88672	4.00 80.0	10.0	20.0	40.0	60.0
Fluorene	ANT	Lin	7900 +++++	18528	35593	61097	76759	4.00 +++++	10.0	20.0	40.0	60.0
4-Chlorophenyl phenyl ether	ANT	Ave	3504 +++++	8484	16382	29019	35271	4.00 +++++	10.0	20.0	40.0	60.0
4-Nitroaniline	ANT	Ave	1539 31048	4343	8996	17865	24416	4.00 80.0	10.0	20.0	40.0	60.0
4,6-Dinitro-2-methylphenol	PHN	Lin	1471 20398	5797	7279	11300	15757	10.0 80.0	25.0	30.0	40.0	60.0
N-Nitrosodiphenylamine	PHN	Ave	4968 77208	12417	24785	46753	61023	4.00 80.0	10.0	20.0	40.0	60.0
1,2-Diphenylhydrazine	PHN	Ave	7741 116403	19294	39899	73821	93409	4.00 80.0	10.0	20.0	40.0	60.0
4-Bromophenyl phenyl ether	PHN	Ave	1684 28369	4377	8813	17118	22360	4.00 80.0	10.0	20.0	40.0	60.0
Hexachlorobenzene	PHN	Ave	2110 35101	5417	10888	20893	27397	4.00 80.0	10.0	20.0	40.0	60.0
Simazine	PHN	Ave	645 16494	1981	4243	9198	12729	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
Atrazine	PHN	Ave	1103 24301	3251	7067	14068	18396	4.00 80.0	10.0	20.0	40.0	60.0
Pentachlorophenol	PHN	Ave	2077 22634	6863	8838	12062	17062	10.0 80.0	25.0	30.0	40.0	60.0
Phenanthrene	PHN	Ave	9970 140509	24418	47704	87939	113917	4.00 80.0	10.0	20.0	40.0	60.0
Anthracene	PHN	Ave	9690 143331	24622	48780	91193	114672	4.00 80.0	10.0	20.0	40.0	60.0
Carbazole	PHN	Ave	8307 135545	22165	44264	84849	109226	4.00 80.0	10.0	20.0	40.0	60.0
Di-n-butyl phthalate	PHN	Ave	5957 156231	19246	43292	89997	122470	4.00 80.0	10.0	20.0	40.0	60.0
Fluoranthene	PHN	Ave	7562 141728	21317	44405	85420	112880	4.00 80.0	10.0	20.0	40.0	60.0
Benzidine	CRY	Ave	1446 15202	4618	9512	23726	14503	4.00 80.0	10.0	20.0	40.0	60.0
Pyrene	CRY	Ave	7849 142383	21773	44185	86400	114935	4.00 80.0	10.0	20.0	40.0	60.0
3,3'-Dimethylbenzidine	CRY	Ave	705 6658	2584	5237	14783	5698	4.00 80.0	10.0	20.0	40.0	60.0
Butyl benzyl phthalate	CRY	Lin	1058 41358	3965	8617	20512	30130	4.00 80.0	10.0	20.0	40.0	60.0
3,3'-Dichlorobenzidine	CRY	Lin	420 17506	1838	4496	10281	13311	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[a]anthracene	CRY	Ave	2660 72190	8526	17906	38916	55946	4.00 80.0	10.0	20.0	40.0	60.0
Chrysene	CRY	Ave	3270 68567	9169	18120	37801	53221	4.00 80.0	10.0	20.0	40.0	60.0
Bis(2-ethylhexyl) phthalate	CRY	Lin	955 54944	4322	10733	27489	39933	4.00 80.0	10.0	20.0	40.0	60.0
Di-n-octyl phthalate	PRY	Lin	766 65119	4277	12262	36251	47989	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[b]fluoranthene	PRY	Lin	1331 50131	4622	11385	26996	37958	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[k]fluoranthene	PRY	Ave	2066 59015	7203	14551	31823	46244	4.00 80.0	10.0	20.0	40.0	60.0
Benzo[a]pyrene	PRY	Lin	986 48913	4154	10478	25650	36584	4.00 80.0	10.0	20.0	40.0	60.0
Indeno[1,2,3-cd]pyrene	PRY	Lin	601 54769	3110	8874	25241	39035	4.00 80.0	10.0	20.0	40.0	60.0
Dibenz(a,h)anthracene	PRY	Lin	741 60839	4300	10798	27952	46396	4.00 80.0	10.0	20.0	40.0	60.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1 Analy Batch No.: 38296

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/05/2010 09:18 Calibration End Date: 05/05/2010 12:13 Calibration ID: 7019

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/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
Benzo[g,h,i]perylene	PRY	Lin	1158 60630	5351	12603	30200	45829	4.00 80.0	10.0	20.0	40.0	60.0
2-Fluorophenol	DCB	Ave	1970 38602	5532	11221	22087	30321	4.00 80.0	10.0	20.0	40.0	60.0
Phenol-d5	DCB	Ave	3202 48443	7779	15175	28580	38356	4.00 80.0	10.0	20.0	40.0	60.0
Nitrobenzene-d5	NPT	Ave	3226 54081	8008	16284	31375	42347	4.00 80.0	10.0	20.0	40.0	60.0
2-Fluorobiphenyl	ANT	Ave	7536 +++++	18369	35520	63257	81555	4.00 +++++	10.0	20.0	40.0	60.0
2,4,6-Tribromophenol	ANT	Ave	2272 18350	6185	7902	10460	14468	10.0 80.0	25.0	30.0	40.0	60.0
Terphenyl-d14	CRY	Ave	3036 70112	8952	18648	38894	54610	4.00 80.0	10.0	20.0	40.0	60.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16136.D
Lab Smp Id: ICIS-444088 Client Smp ID: ICIS-444088
Inj Date : 05-MAY-2010 09:18
Operator : S.Jonas Inst ID: msz.i
Smp Info : ICIS-444088
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 10-May-2010 09:08 msz.i Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	5.039	5.039	(1.000)	10219	20.0000	
$ 2	2-Fluorophenol	112	3.586	3.586	(0.712)	22087	40.0000	41
$ 3	Phenol-d5	99	4.698	4.698	(0.932)	28580	40.0000	39
4	Pyridine	52	1.751	1.751	(0.348)	6159	40.0000	43
5	N-Nitrosodimethylamine	42	1.739	1.739	(0.345)	4605	40.0000	39
6	Cyclohexanone	42	3.822	3.822	(0.758)	12719	40.0000	42
128	Benzaldehyde	77	4.557	4.557	(0.904)	21584	40.0000	58
7	Phenol	94	4.710	4.710	(0.935)	34243	40.0000	39
8	Aniline	93	4.686	4.686	(0.930)	38196	40.0000	40
9	bis(2-Chloroethyl)ether	63	4.780	4.780	(0.949)	18765	40.0000	39
10	2-Chlorophenol	128	4.816	4.816	(0.956)	26007	40.0000	40
11	1,3-Dichlorobenzene	146	4.974	4.974	(0.987)	29342	40.0000	39
12	1,4-Dichlorobenzene	146	5.057	5.057	(1.003)	29737	40.0000	39
13	Benzyl alcohol	108	5.216	5.216	(1.035)	14876	40.0000	38
14	1,2-Dichlorobenzene	146	5.222	5.222	(1.036)	25940	40.0000	36
15	2,2'-oxybis(1-Chloropropane)	45	5.369	5.369	(1.065)	37245	40.0000	39
16	2-Methylphenol	108	5.357	5.357	(1.063)	24648	40.0000	39
92	Acetophenone	105	5.492	5.492	(1.090)	39742	40.0000	40
17	Hexachloroethane	117	5.586	5.586	(1.109)	13108	40.0000	40
18	N-Nitroso-di-n-propylamine	70	5.510	5.510	(1.093)	18833	40.0000	39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.521	5.521	(1.096)	25384	40.0000	39
*	20 Naphthalene-d8	136	6.410	6.410	(1.000)	47107	20.0000	
$	21 Nitrobenzene-d5	82	5.645	5.645	(0.881)	31375	40.0000	40
	22 Nitrobenzene	77	5.663	5.663	(0.883)	31571	40.0000	40
	23 Isophorone	82	5.933	5.933	(0.926)	55659	40.0000	40
	24 2-Nitrophenol	139	6.010	6.010	(0.938)	16935	40.0000	41
	25 2,4-Dimethylphenol	122	6.086	6.086	(0.950)	24318	40.0000	39
	26 Benzoic Acid	122	6.233	6.233	(0.972)	17410	40.0000	41(M)
	27 Bis(2-Chloroethoxy)methane	93	6.186	6.186	(0.965)	34189	40.0000	39
	28 2,4-Dichlorophenol	162	6.274	6.274	(0.979)	24101	40.0000	40
	29 1,2,4-Trichlorobenzene	180	6.357	6.357	(0.992)	26277	40.0000	39
	30 Naphthalene	128	6.433	6.433	(1.004)	85321	40.0000	36
	31 4-Chloroaniline	127	6.504	6.504	(1.015)	36926	40.0000	41
	32 Hexachlorobutadiene	225	6.592	6.592	(1.028)	16805	40.0000	39
	129 Caprolactam	113	6.910	6.910	(1.078)	8472	40.0000	42
	33 4-Chloro-3-methylphenol	107	7.045	7.045	(1.099)	27709	40.0000	41
	34 2-Methylnaphthalene	142	7.180	7.180	(1.120)	58067	40.0000	38
*	35 Acenaphthene-d10	164	8.292	8.292	(1.000)	28601	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.145	7.145	(1.418)	25736	40.0000	38
	37 Hexachlorocyclopentadiene	237	7.363	7.363	(0.888)	16223	40.0000	44
	38 2,4,6-Trichlorophenol	196	7.492	7.492	(0.904)	18554	40.0000	40
	39 2,4,5-Trichlorophenol	196	7.533	7.533	(0.908)	18867	40.0000	39
$	40 2-Fluorobiphenyl	172	7.586	7.586	(0.915)	63257	40.0000	36
	130 1,1'-Biphenyl	154	7.686	7.686	(0.927)	68747	40.0000	42
	41 2-Chloronaphthalene	162	7.698	7.698	(0.928)	53105	40.0000	36
	42 2-Nitroaniline	65	7.815	7.815	(0.943)	19569	40.0000	41
	43 Acenaphthylene	152	8.139	8.139	(0.982)	100935	40.0000	39
	44 Dimethylphthalate	163	8.027	8.027	(0.968)	62296	40.0000	40
	45 2,6-Dinitrotoluene	165	8.080	8.080	(0.974)	15627	40.0000	41
	46 Acenaphthene	153	8.327	8.327	(1.004)	60043	40.0000	36
	47 3-Nitroaniline	138	8.257	8.257	(0.996)	19347	40.0000	42
	48 2,4-Dinitrophenol	184	8.362	8.362	(1.009)	8009	40.0000	42
	49 Dibenzofuran	168	8.515	8.515	(1.027)	82206	40.0000	36
	50 2,4-Dinitrotoluene	165	8.504	8.504	(1.026)	18959	40.0000	40
	51 4-Nitrophenol	109	8.445	8.445	(1.018)	9580	40.0000	43
	52 Fluorene	166	8.880	8.880	(1.071)	61097	40.0000	41
	53 4-Chlorophenyl-phenylether	204	8.886	8.886	(1.072)	29019	40.0000	36
	54 Diethylphthalate	149	8.780	8.780	(1.059)	67785	40.0000	41
	55 4-Nitroaniline	138	8.910	8.910	(1.074)	17865	40.0000	41
$	56 2,4,6-Tribromophenol	330	9.139	9.139	(1.102)	10460	40.0000	41
*	57 Phenanthrene-d10	188	9.874	9.874	(1.000)	46425	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.939	8.939	(0.905)	11300	40.0000	43
	59 N-Nitrosodiphenylamine (1)	169	9.015	9.015	(0.913)	46753	40.0000	39
	60 1,2-Diphenylhydrazine	77	9.057	9.057	(0.917)	73821	40.0000	39
	61 4-Bromophenyl-phenylether	248	9.404	9.404	(0.952)	17118	40.0000	40
	131 Atrazine	200	9.598	9.598	(0.972)	14068	40.0000	42
	62 Hexachlorobenzene	284	9.474	9.474	(0.959)	20893	40.0000	39
	63 Pentachlorophenol	266	9.680	9.680	(0.980)	12062	40.0000	42
	64 Phenanthrene	178	9.904	9.904	(1.003)	87939	40.0000	38
	65 Carbazole	167	10.127	10.127	(1.026)	84849	40.0000	40
	66 Anthracene	178	9.956	9.956	(1.008)	91193	40.0000	39
	67 Di-n-butylphthalate	149	10.515	10.515	(1.065)	89997	40.0000	44
	68 Fluoranthene	202	11.168	11.168	(1.131)	85420	40.0000	41
*	70 Chrysene-d12	240	12.827	12.827	(1.000)	17958	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.309	11.309	(0.882)	23726	40.0000	59
72	Pyrene	202	11.409	11.409	(0.889)	86400	40.0000	41
$ 73	Terphenyl-d14	244	11.580	11.580	(0.903)	38894	40.0000	42
74	Butylbenzylphthalate	149	12.127	12.127	(0.945)	20512	40.0000	41
124	3,3'-Dimethylbenzidine	212	12.109	12.109	(0.944)	14783	40.0000	68
75	3,3'-Dichlorobenzidine	252	12.786	12.786	(0.997)	10281	40.0000	45
76	Benzo(a)anthracene	228	12.815	12.815	(0.999)	38916	40.0000	43
77	Chrysene	228	12.862	12.862	(1.003)	37801	40.0000	41
78	Bis(2-Ethylhexyl)phthalate	149	12.874	12.874	(1.004)	27489	40.0000	41
* 79	Perylene-d12	264	15.144	15.144	(1.000)	11382	20.0000	
80	Di-n-octylphthalate	149	13.850	13.850	(0.915)	36251	40.0000	44(M)
81	Benzo(b)fluoranthene	252	14.468	14.468	(0.955)	26996	40.0000	42
82	Benzo(k)fluoranthene	252	14.515	14.515	(0.958)	31823	40.0000	42
83	Benzo(a)pyrene	252	15.044	15.044	(0.993)	25650	40.0000	42
84	Indeno(1,2,3-cd)pyrene	276	17.262	17.262	(1.140)	25241	40.0000	39
85	Dibenzo(a,h)anthracene	278	17.315	17.315	(1.143)	27952	40.0000	38
86	Benzo(g,h,i)perylene	276	17.809	17.809	(1.176)	30200	40.0000	40
167	Simazine	201	9.562	9.562	(0.968)	9198	40.0000	43

QC Flag Legend

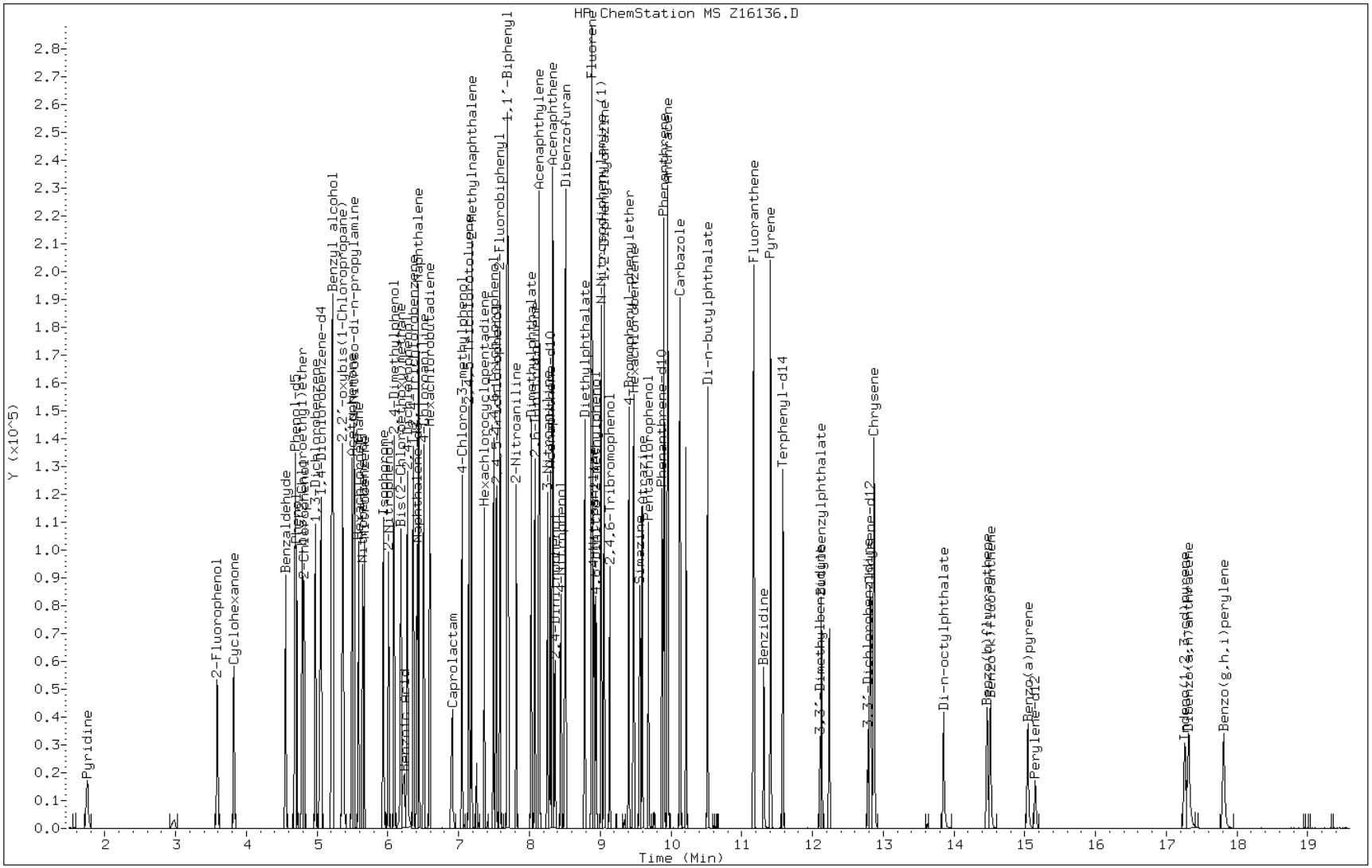
M - Compound response manually integrated.

Data File: Z16136.D

Date: 05-MAY-2010 09:18

Client ID: ICIS-444088 Instrument: msz.i

Sample Info: ICIS-444088 Operator: S.Jonas



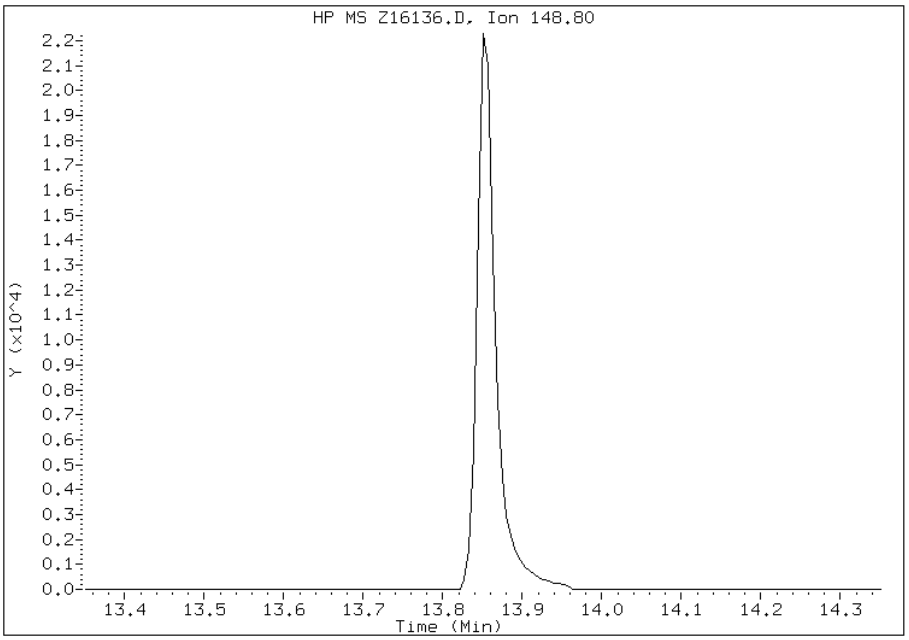
Manual Integration Report

Data File: Z16136.D
Inj. Date and Time: 05-MAY-2010 09:18
Instrument ID: msz.i
Client ID: ICIS-444088
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



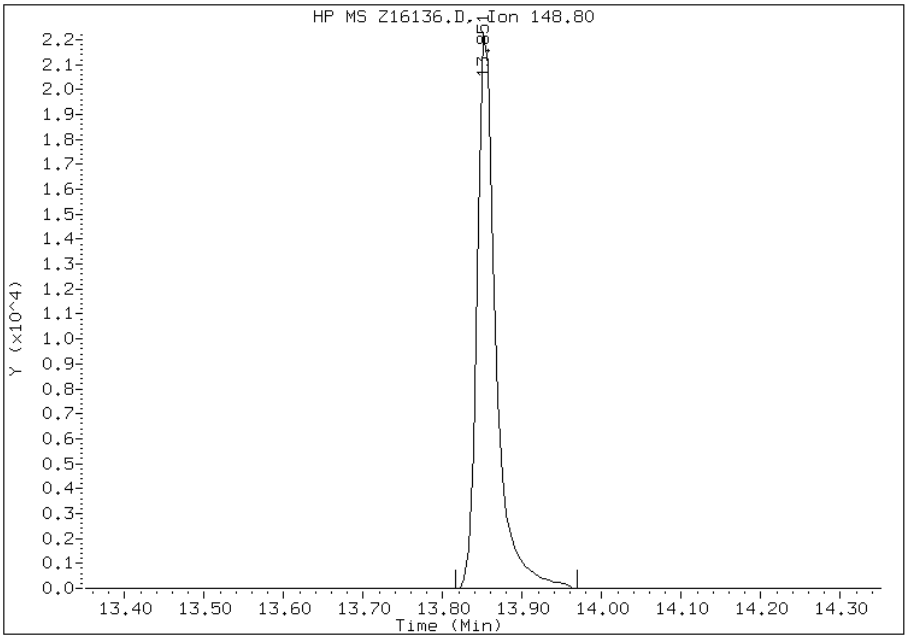
Manual Integration Results

RT: 13.85

Response: 36251

Amount: 44

Conc: 44



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z16136.D
Inj. Date and Time: 05-MAY-2010 09:18
Instrument ID: msz.i
Client ID: ICIS-444088
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/11/2010

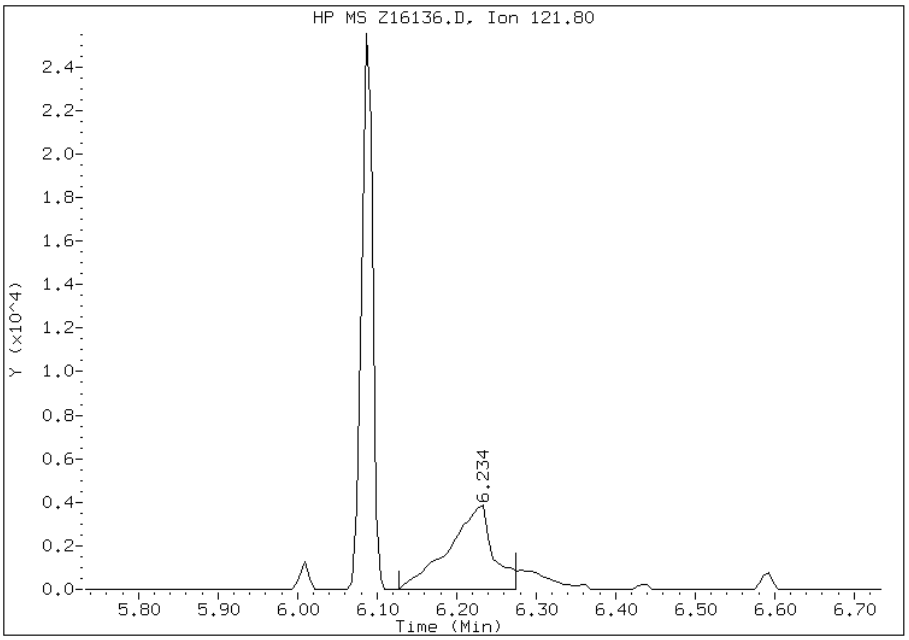
Processing Integration Results

RT: 6.23

Response: 15000

Amount: 40

Conc: 40



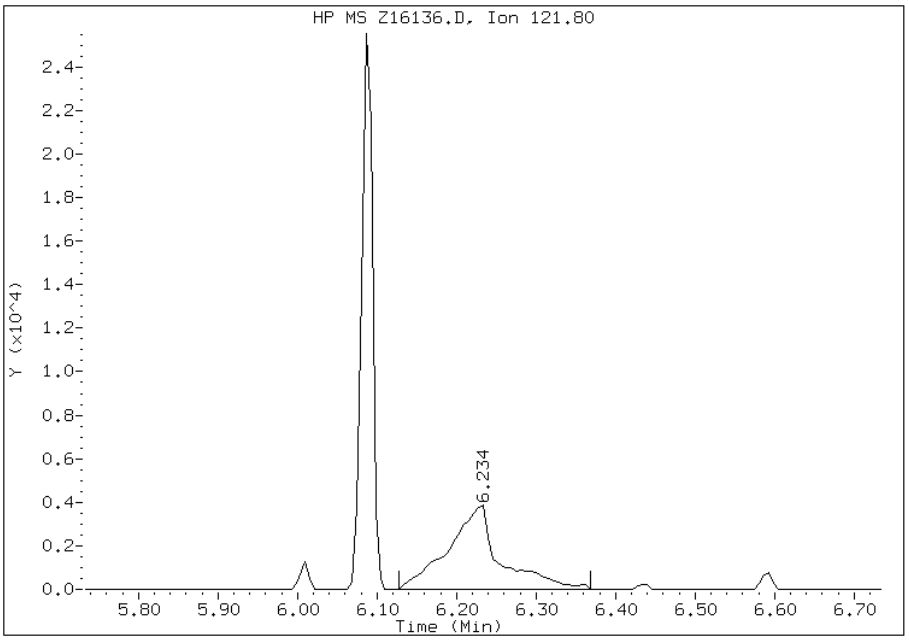
Manual Integration Results

RT: 6.23

Response: 17410

Amount: 41

Conc: 41



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16138.D
Lab Smp Id: IC-441751 Client Smp ID: IC-441751
Inj Date : 05-MAY-2010 10:20
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-441751;4/10
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 05-May-2010 12:36 msz.i Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
*	1 1,4-Dichlorobenzene-d4	152	5.033	5.033	(1.000)	10203	20.0000	
$	2 2-Fluorophenol	112	3.586	3.586	(0.713)	1970	4.00000	0.0
$	3 Phenol-d5	99	4.680	4.680	(0.930)	3202	4.00000	0.0(M)
*	20 Naphthalene-d8	136	6.404	6.404	(1.000)	46509	20.0000	
$	21 Nitrobenzene-d5	82	5.633	5.633	(0.880)	3226	4.00000	0.0
*	35 Acenaphthene-d10	164	8.286	8.286	(1.000)	27461	20.0000	
$	40 2-Fluorobiphenyl	172	7.574	7.574	(0.914)	7536	4.00000	0.0
$	56 2,4,6-Tribromophenol	330	9.127	9.127	(1.102)	2272	10.0000	0.0(M)
*	57 Phenanthrene-d10	188	9.868	9.868	(1.000)	42493	20.0000	
*	70 Chrysene-d12	240	12.821	12.821	(1.000)	15411	20.0000	
$	73 Terphenyl-d14	244	11.574	11.574	(0.903)	3036	4.00000	0.0(M)
*	79 Perylene-d12	264	15.144	15.144	(1.000)	9625	20.0000	

QC Flag Legend

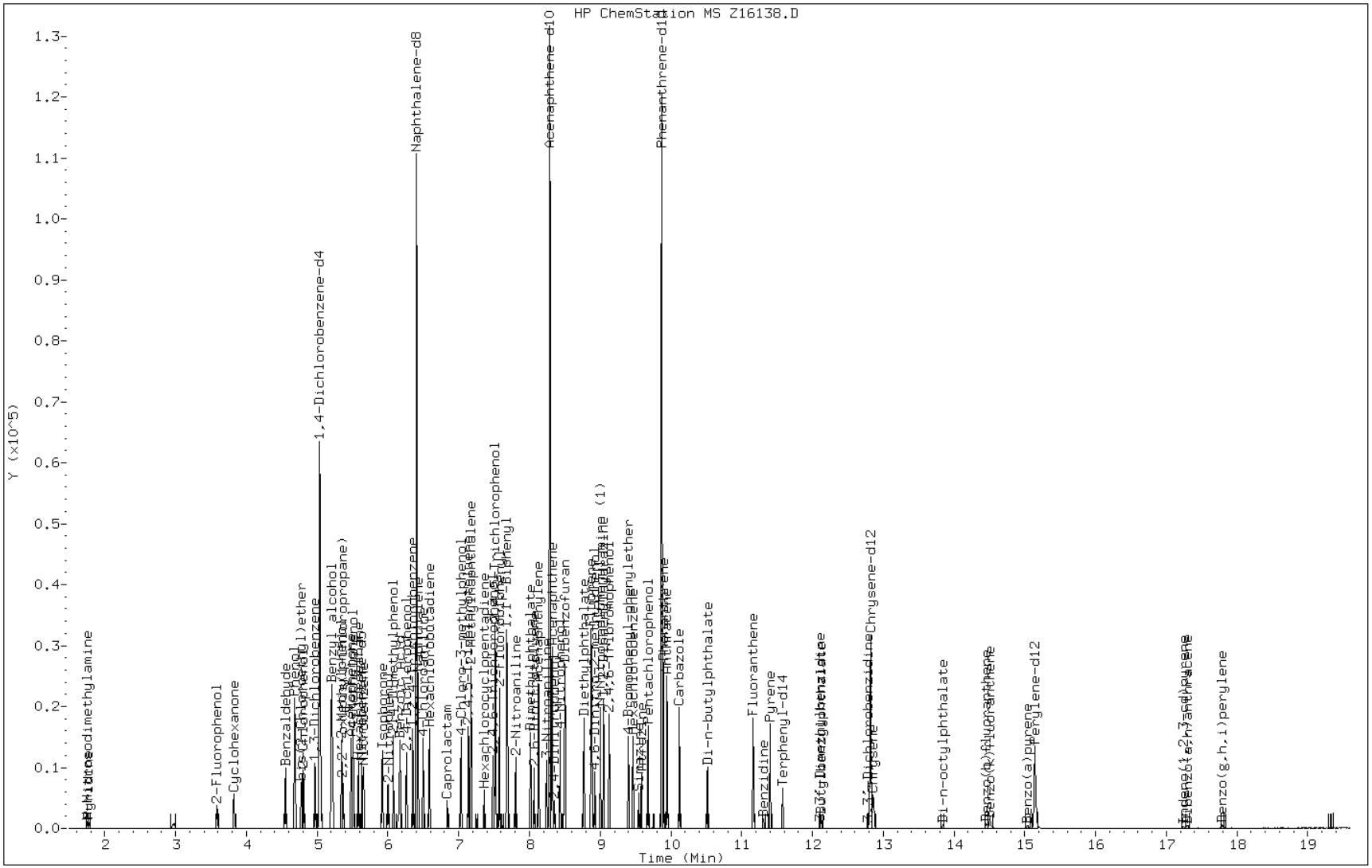
M - Compound response manually integrated.

Data File: Z16138.D

Date: 05-MAY-2010 10:20

Client ID: IC-441751 Instrument: msz.i

Sample Info: IC-441751;4/10 Operator: S.Jonas



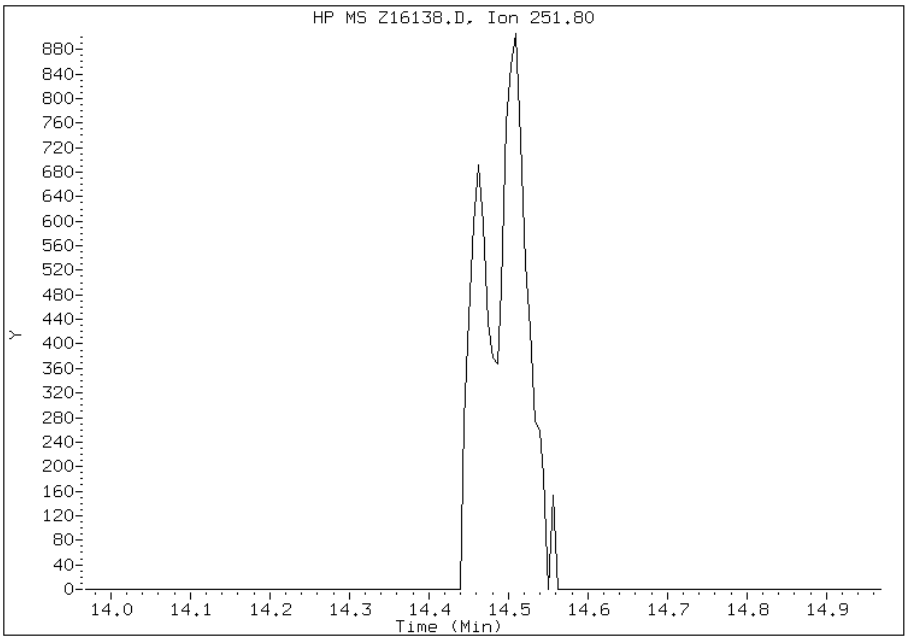
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 81 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 14.47



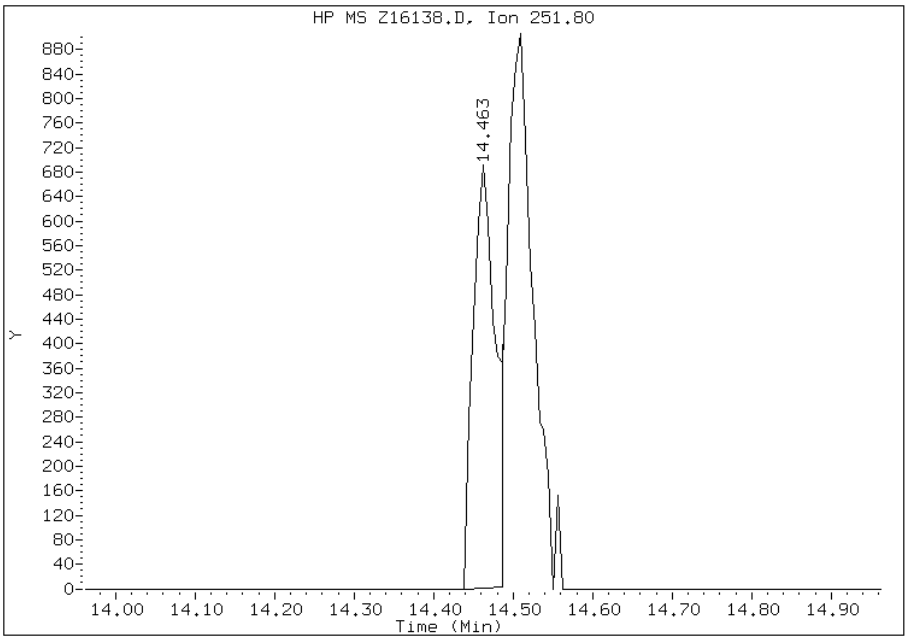
Manual Integration Results

RT: 14.46

Response: 1331

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

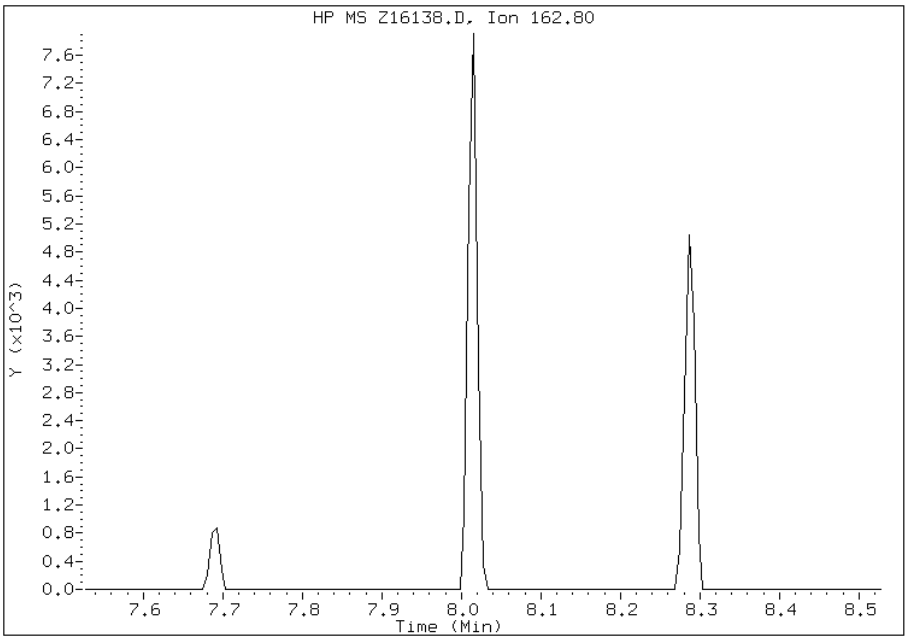
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 44 Dimethylphthalate
CAS #: 131-11-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.03



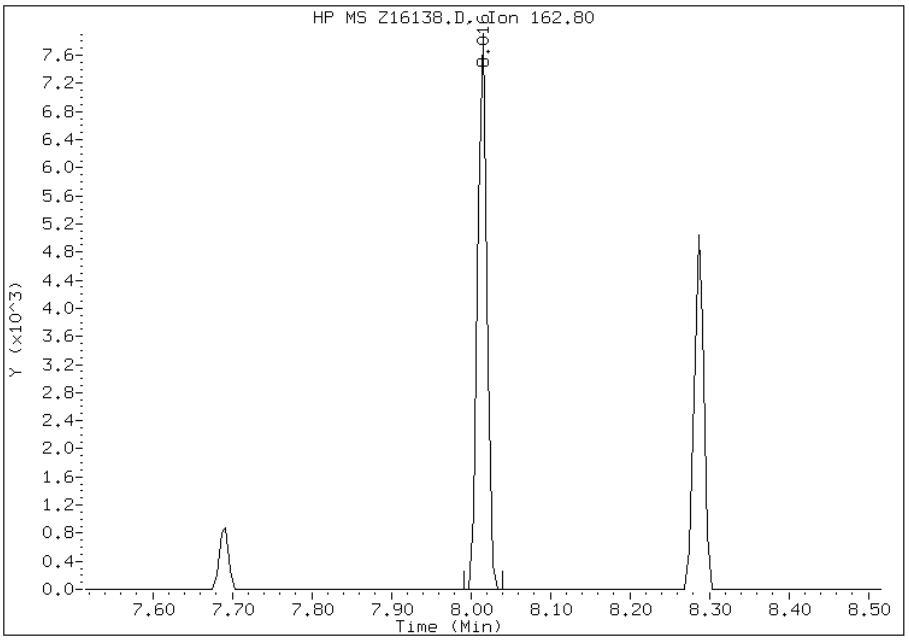
Manual Integration Results

RT: 8.02

Response: 6328

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

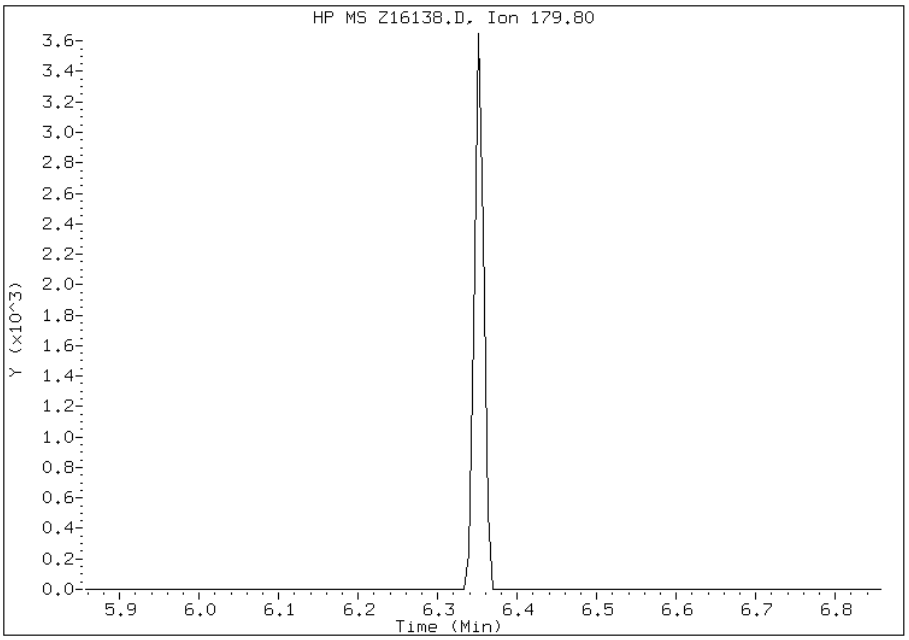
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 29 1,2,4-Trichlorobenzene
CAS #: 120-82-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 6.36



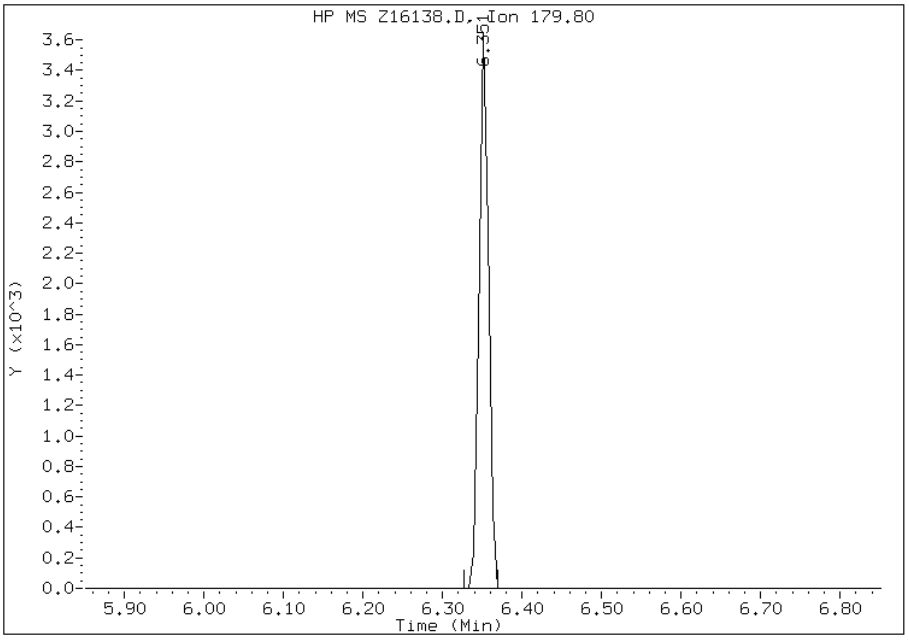
Manual Integration Results

RT: 6.35

Response: 2970

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

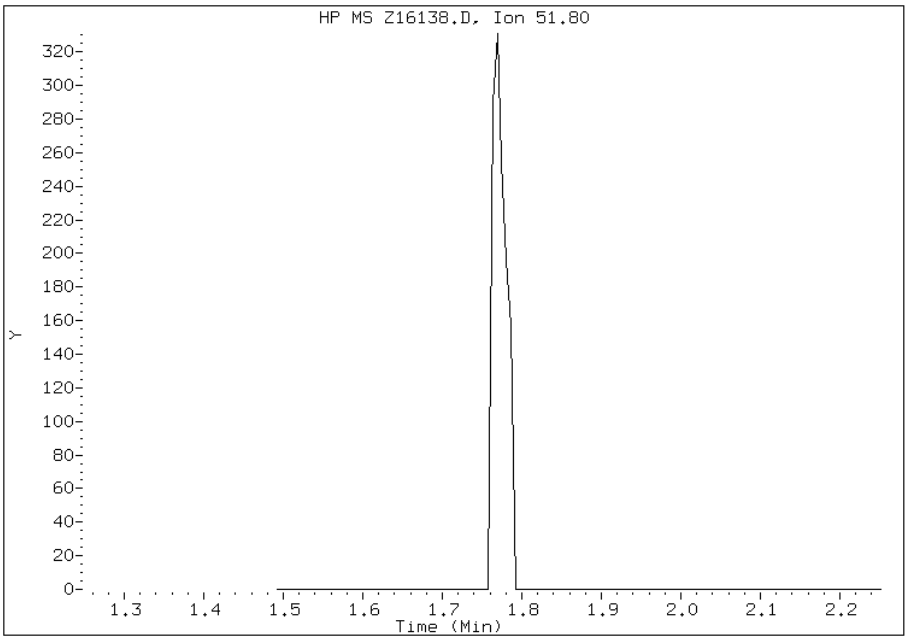
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 1.75



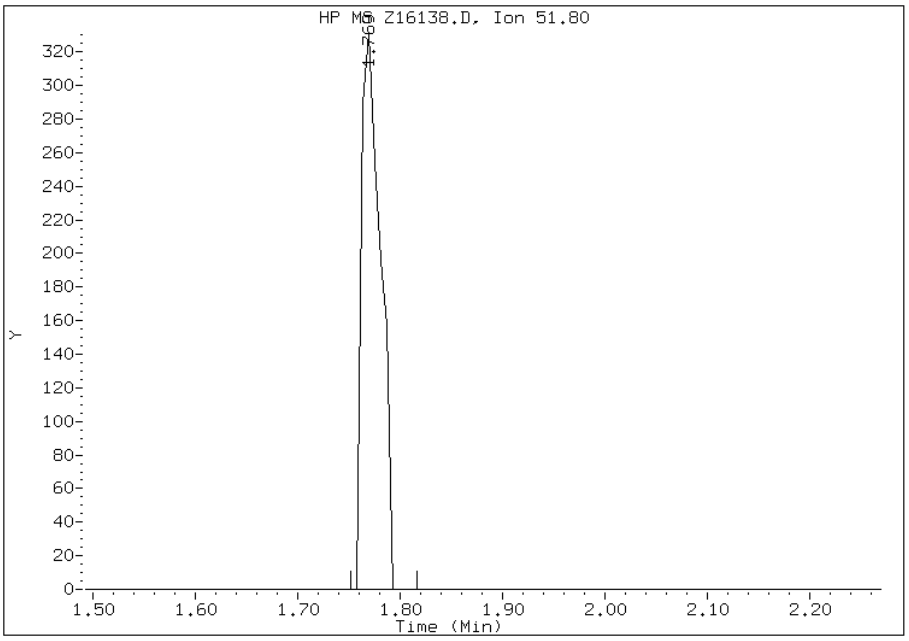
Manual Integration Results

RT: 1.77

Response: 433

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

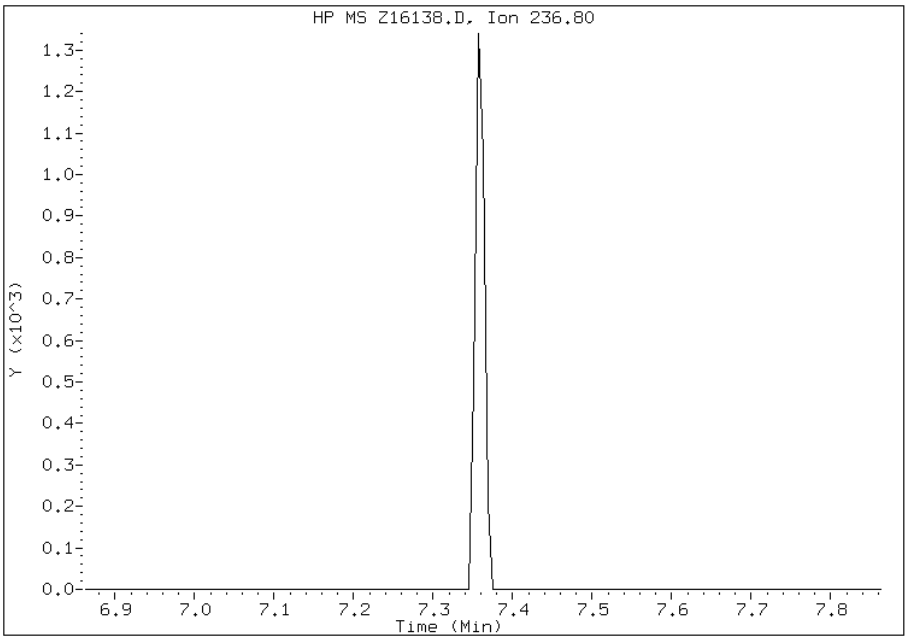
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 37 Hexachlorocyclopentadiene
CAS #: 77-47-4
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 7.36



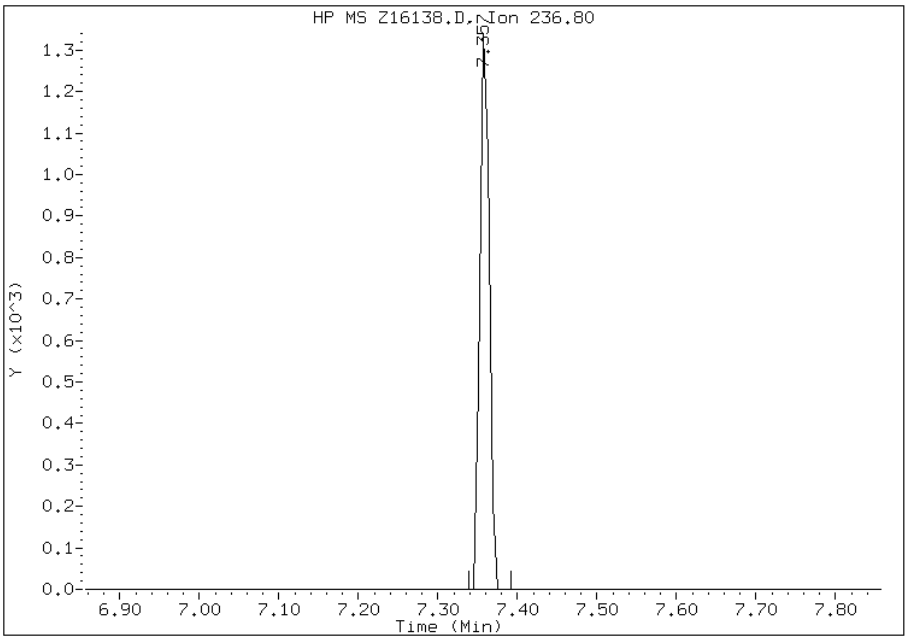
Manual Integration Results

RT: 7.36

Response: 1089

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

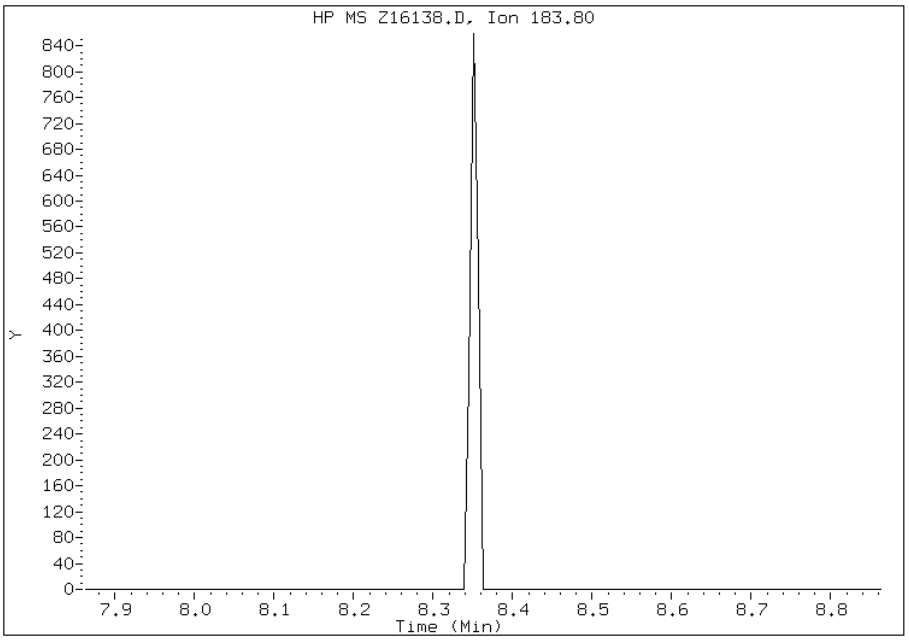
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 48 2,4-Dinitrophenol
CAS #: 51-28-5
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.36



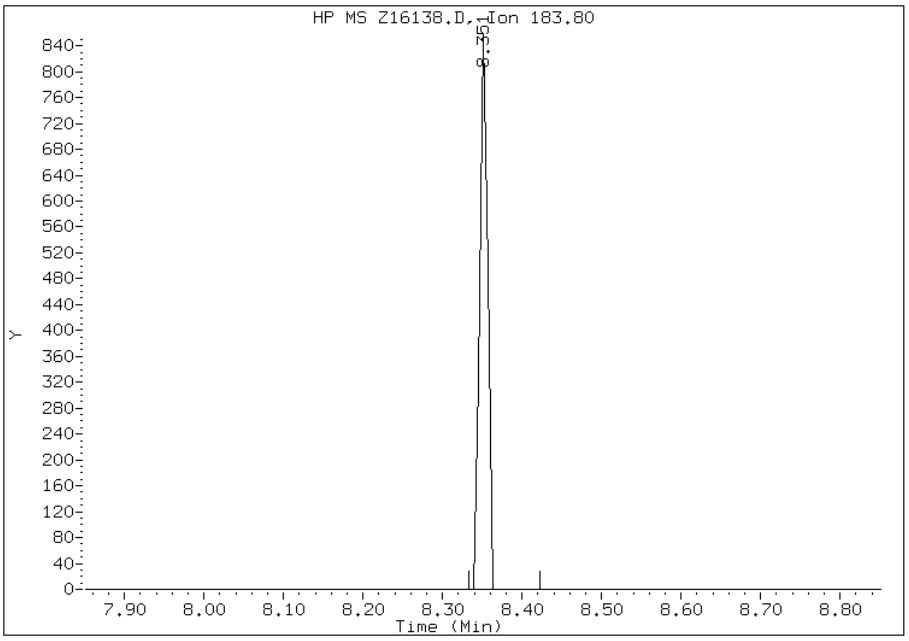
Manual Integration Results

RT: 8.35

Response: 591

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

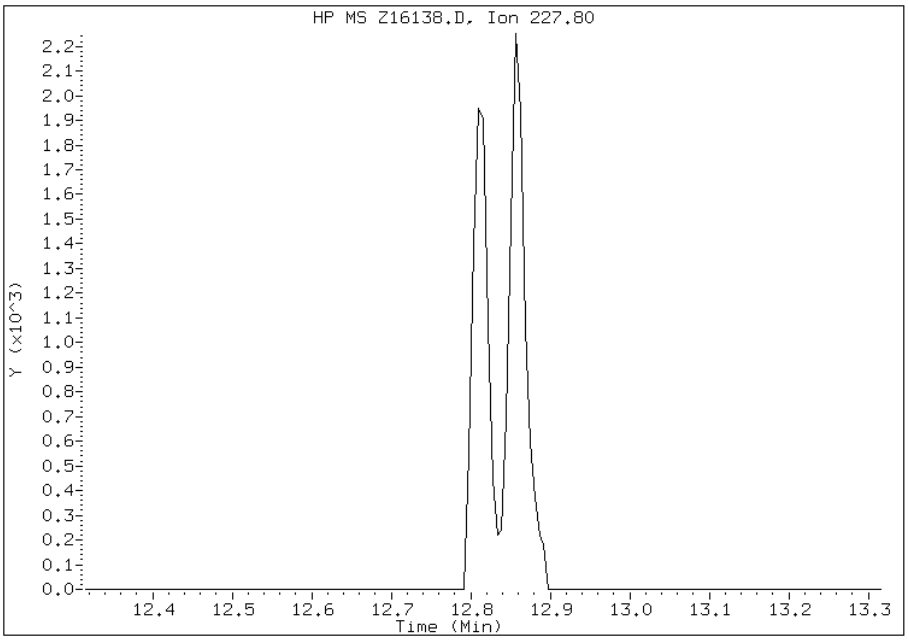
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 76 Benzo(a)anthracene
CAS #: 56-55-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.82



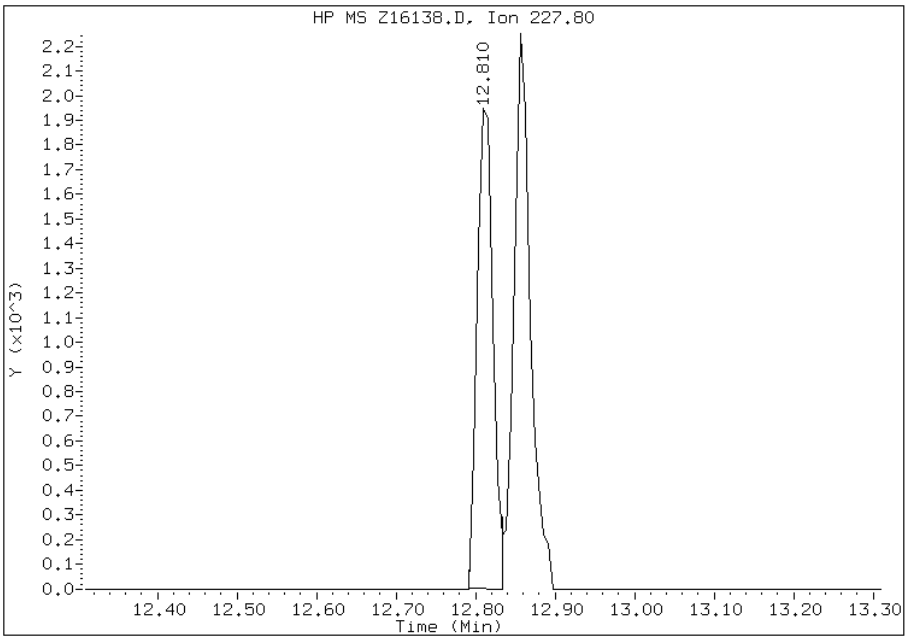
Manual Integration Results

RT: 12.81

Response: 2660

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

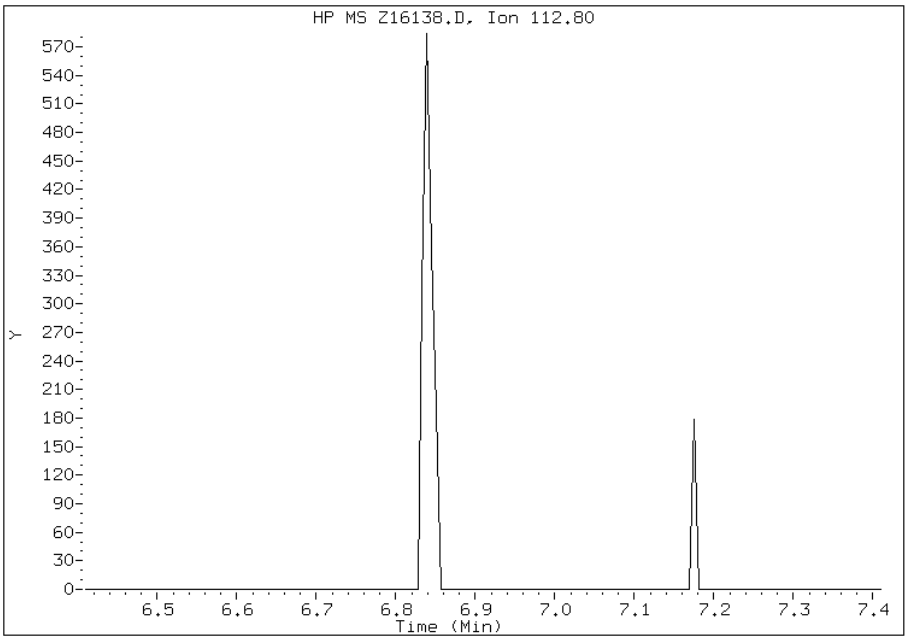
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 6.91



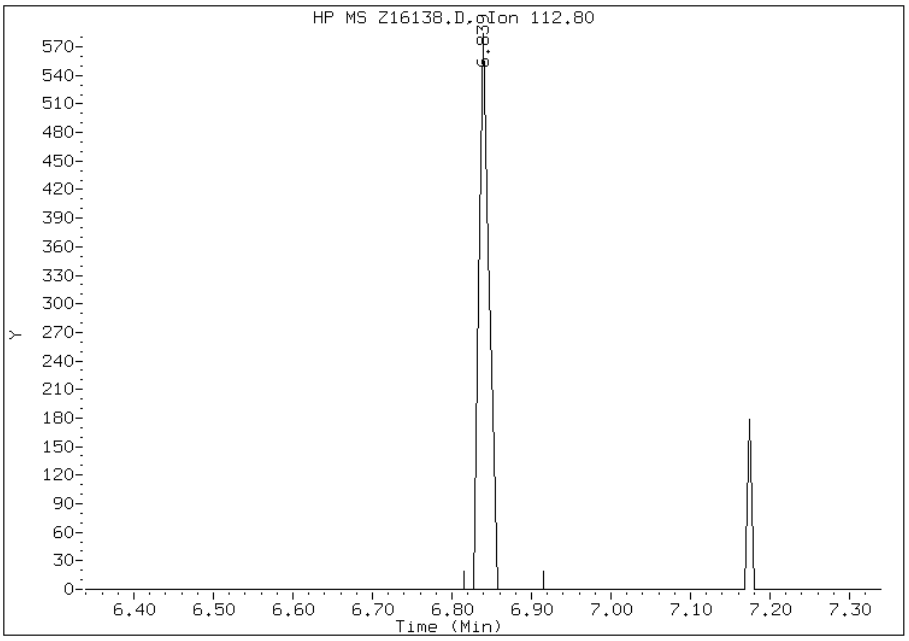
Manual Integration Results

RT: 6.84

Response: 508

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

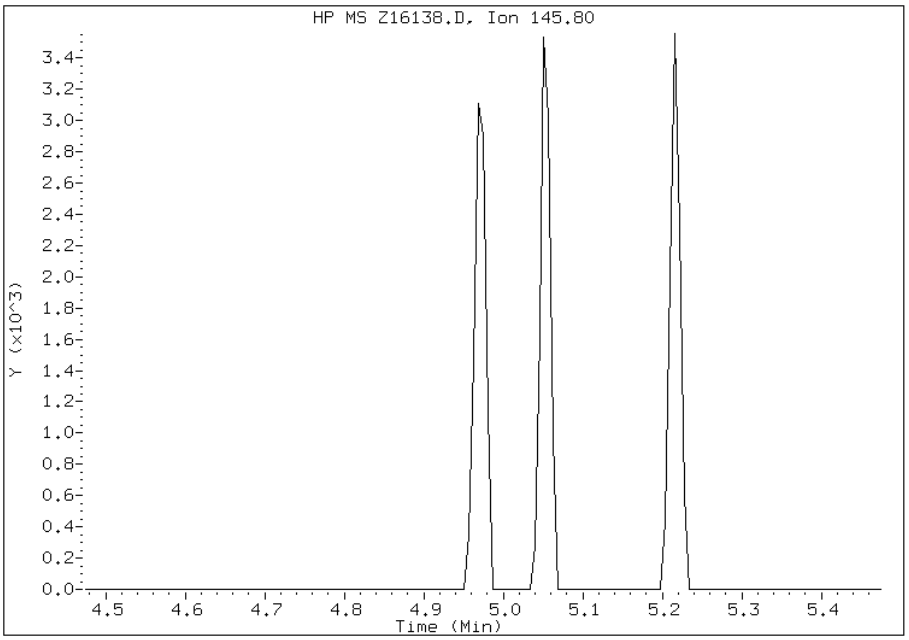
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 11 1,3-Dichlorobenzene
CAS #: 541-73-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 4.97



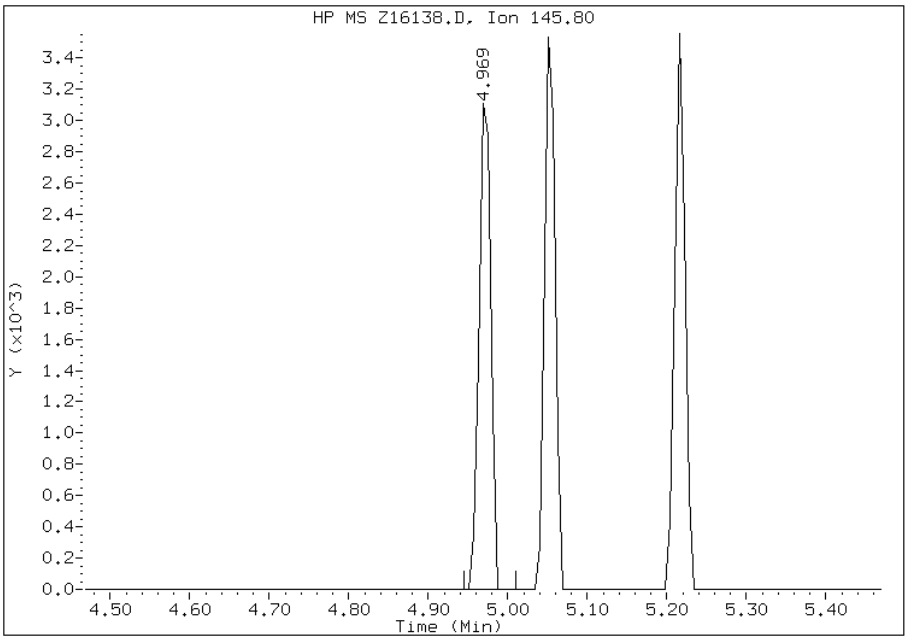
Manual Integration Results

RT: 4.97

Response: 3161

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 58 4,6-Dinitro-2-methylphenol
CAS #: 534-52-1
Report Date: 05/11/2010

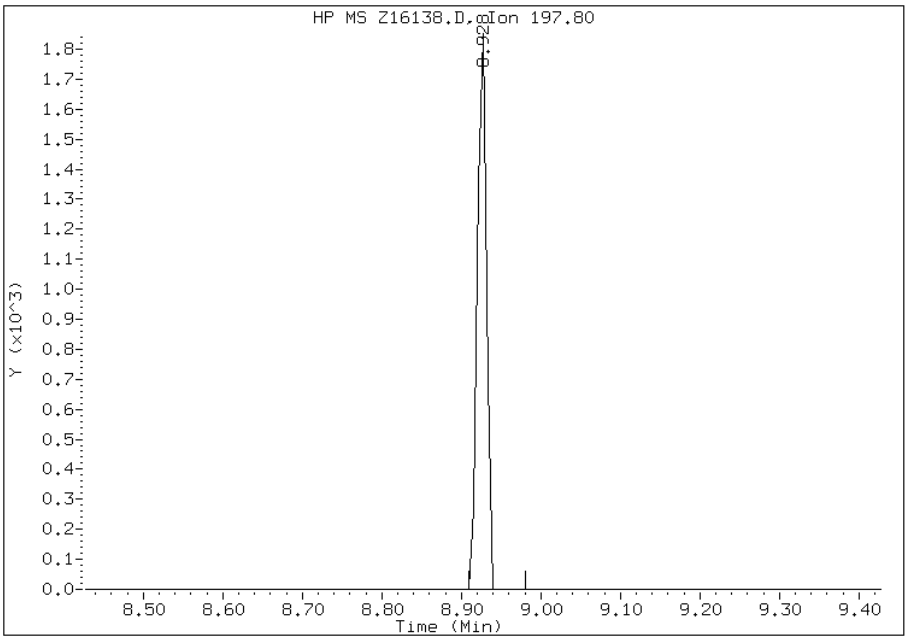
Processing Integration Results

RT: 8.93

Response: 1471

Amount: 0

Conc: 0



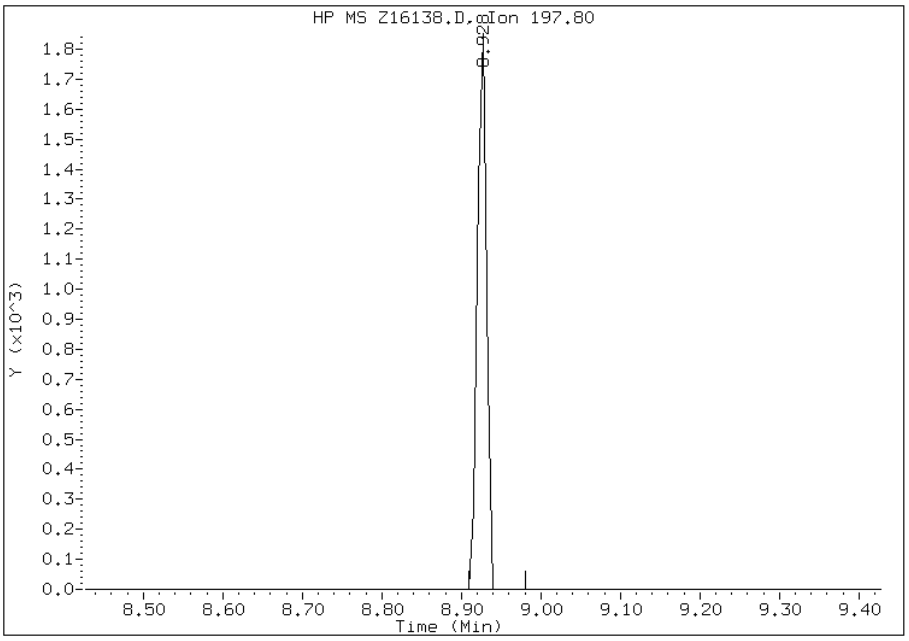
Manual Integration Results

RT: 8.93

Response: 1471

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

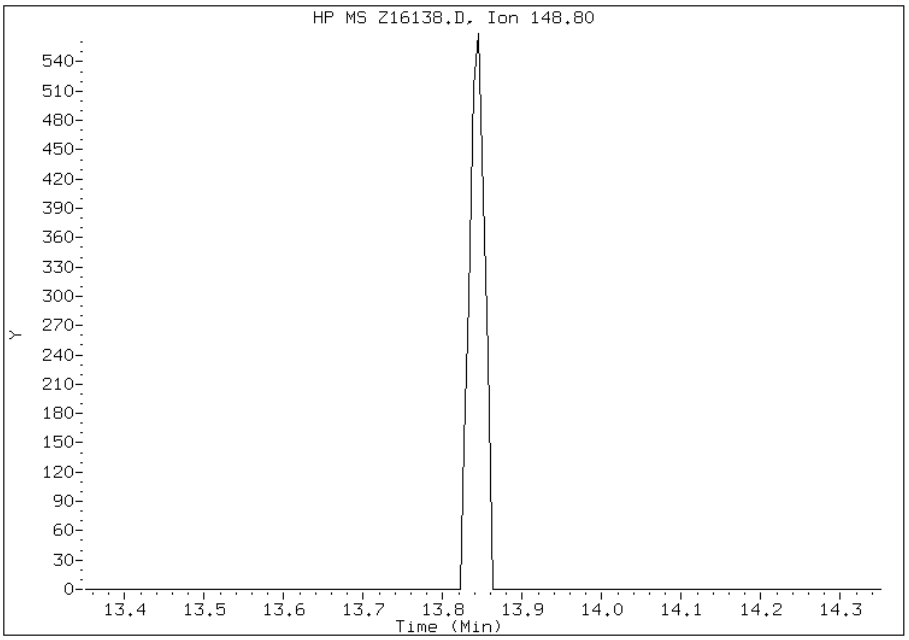
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



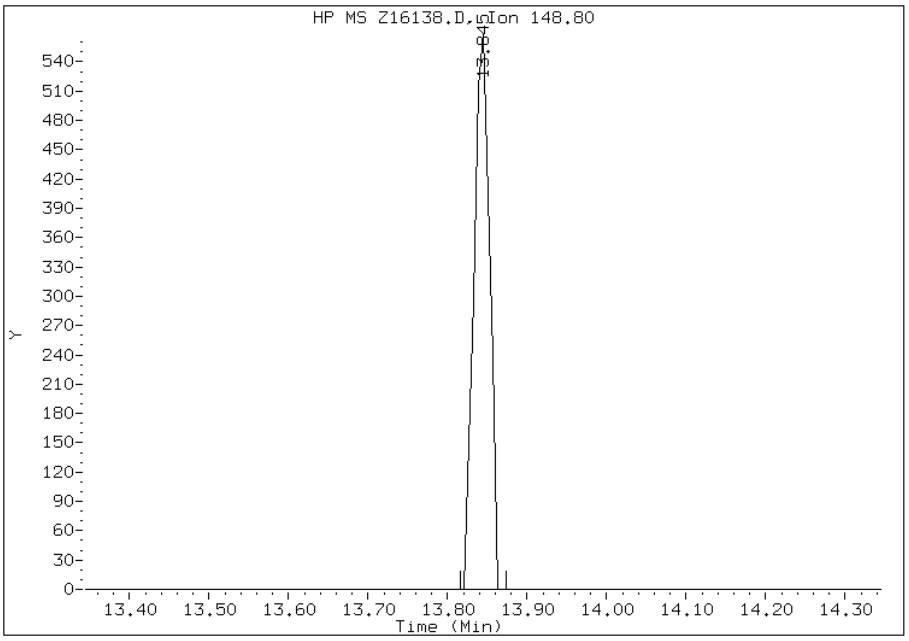
Manual Integration Results

RT: 13.84

Response: 766

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

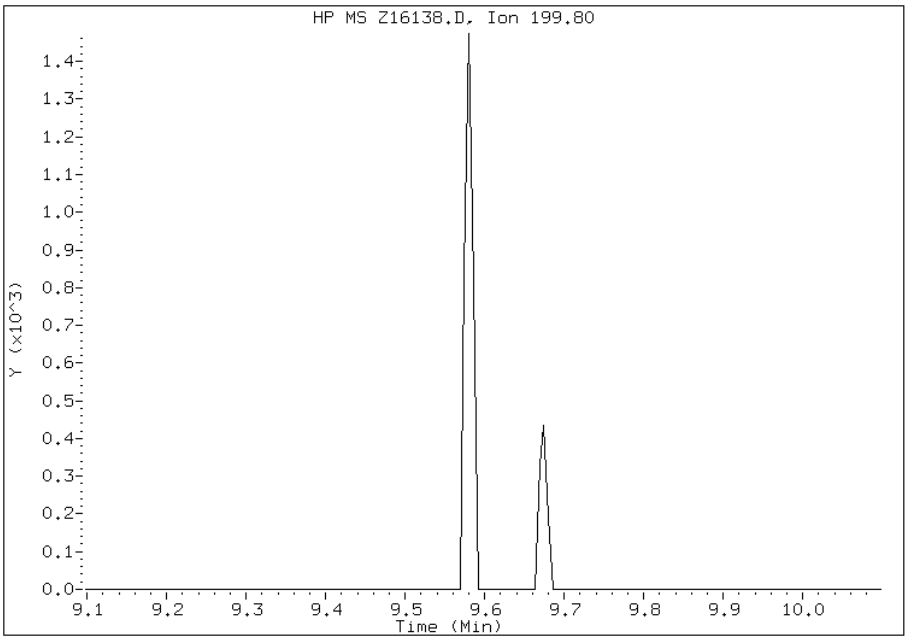
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 131 Atrazine
CAS #: 1912-24-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 9.60



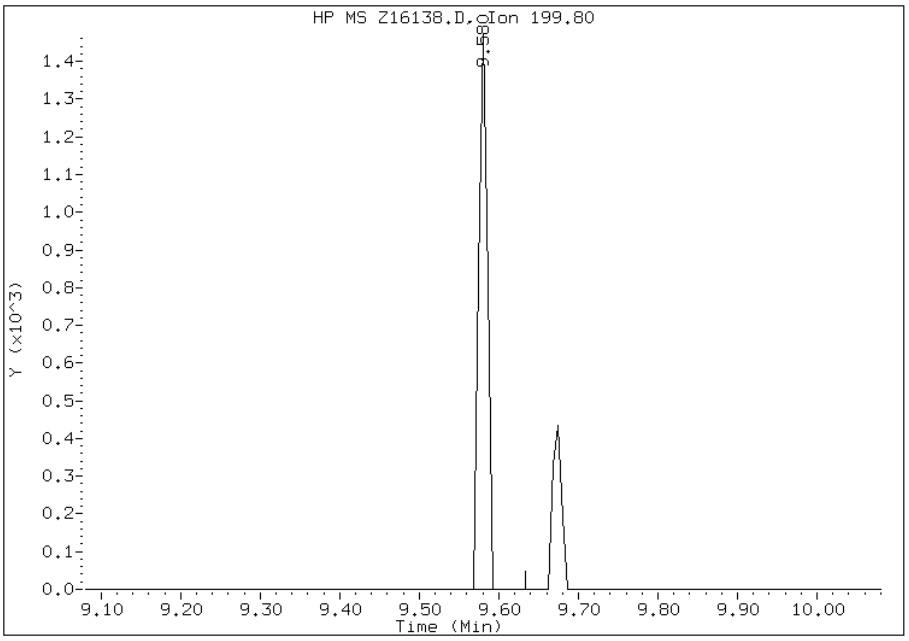
Manual Integration Results

RT: 9.58

Response: 1103

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

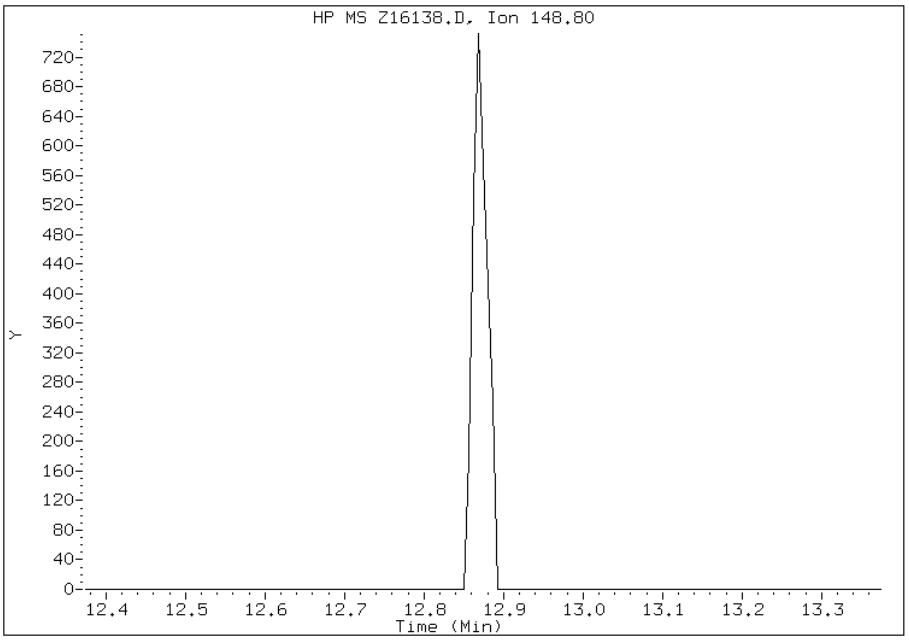
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 78 Bis(2-Ethylhexyl)phthalate
CAS #: 117-81-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.87



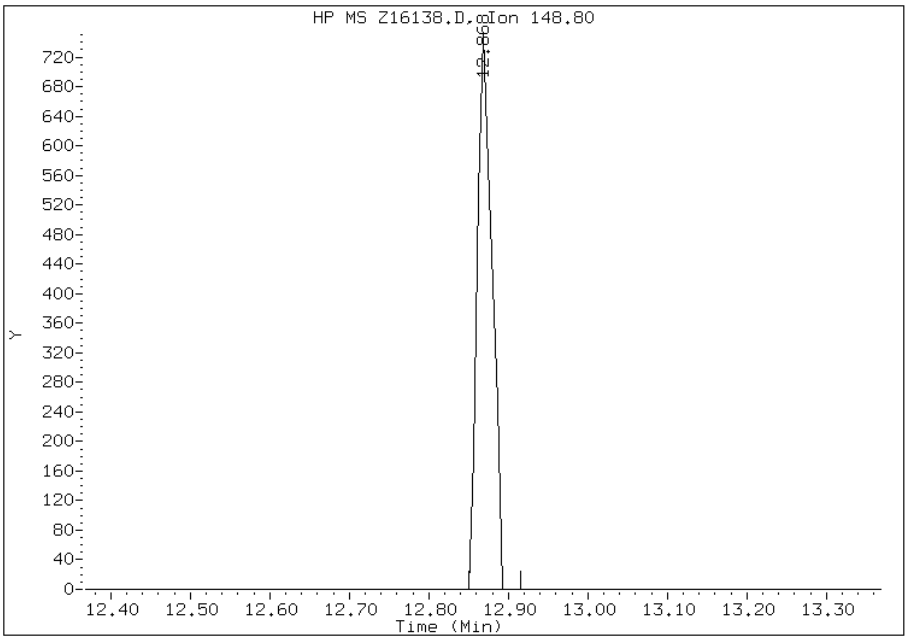
Manual Integration Results

RT: 12.87

Response: 955

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

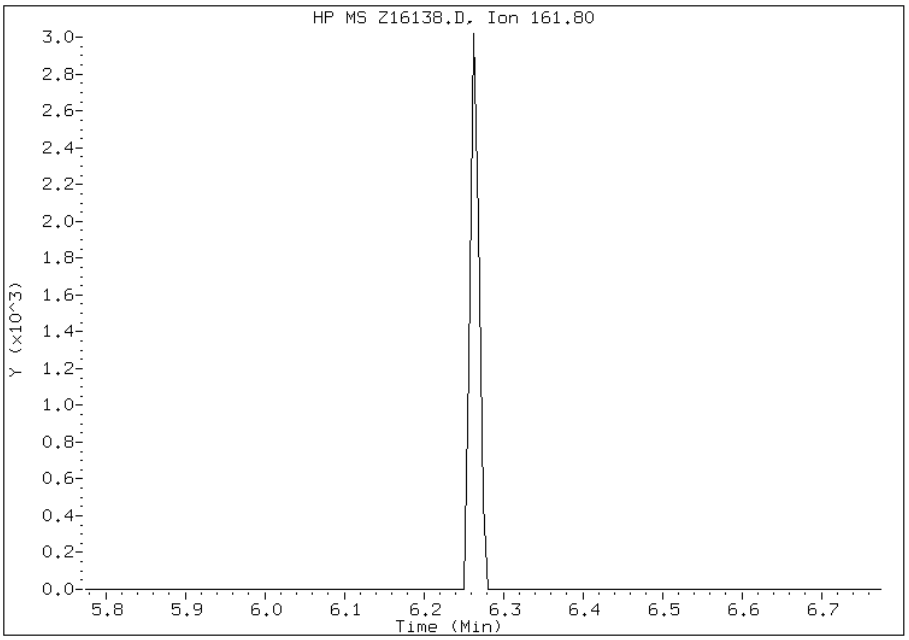
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 28 2,4-Dichlorophenol
CAS #: 120-83-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 6.27



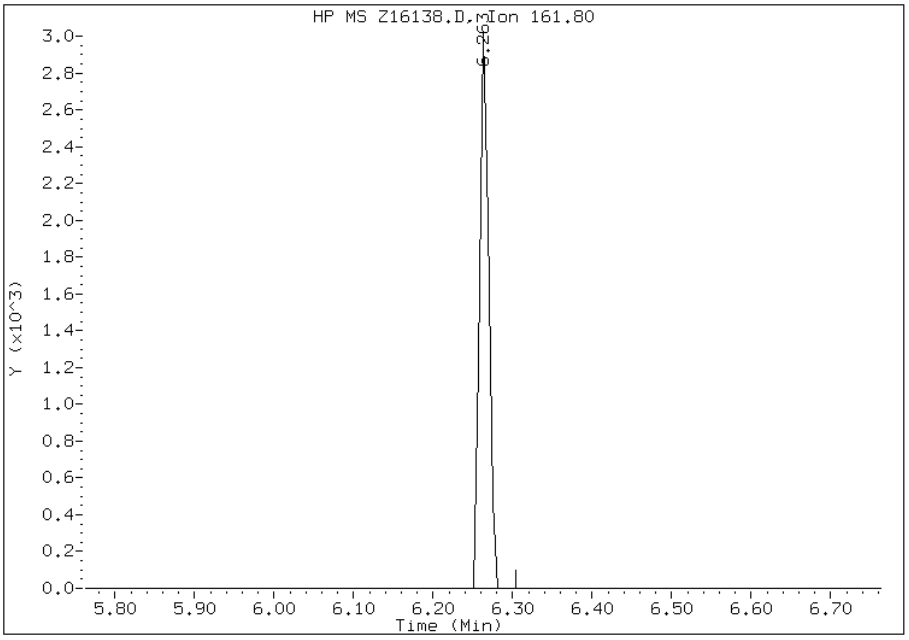
Manual Integration Results

RT: 6.26

Response: 2369

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

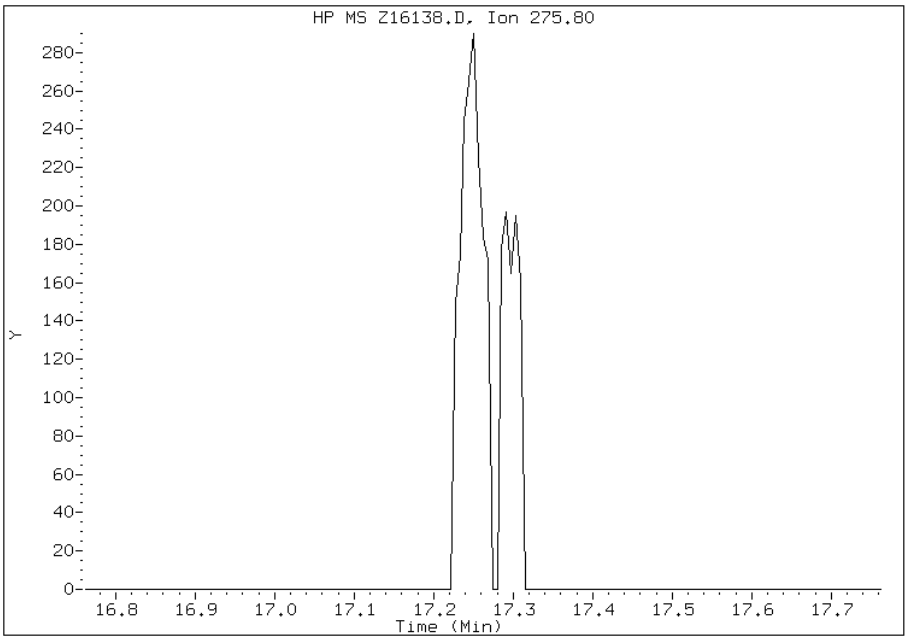
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.26



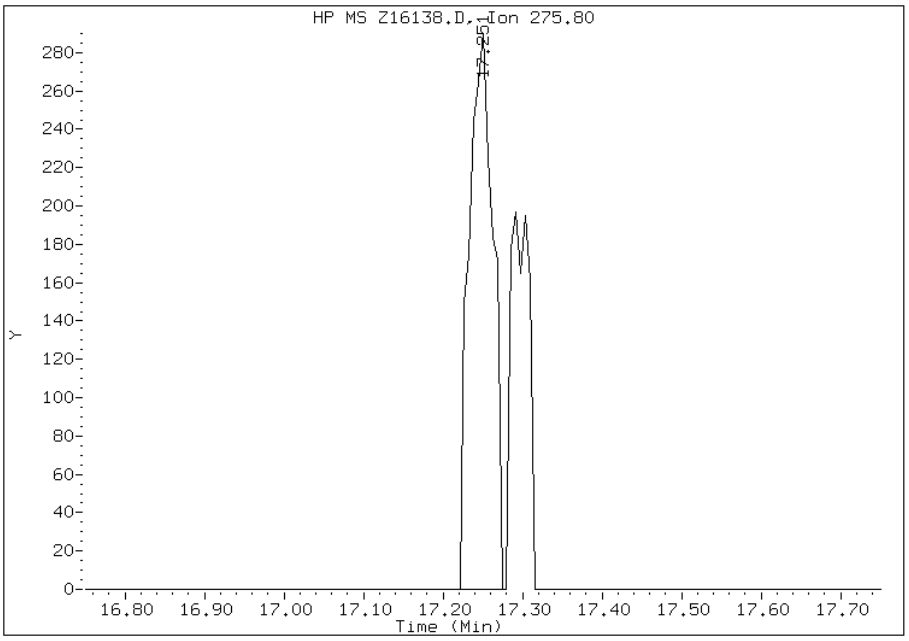
Manual Integration Results

RT: 17.25

Response: 601

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

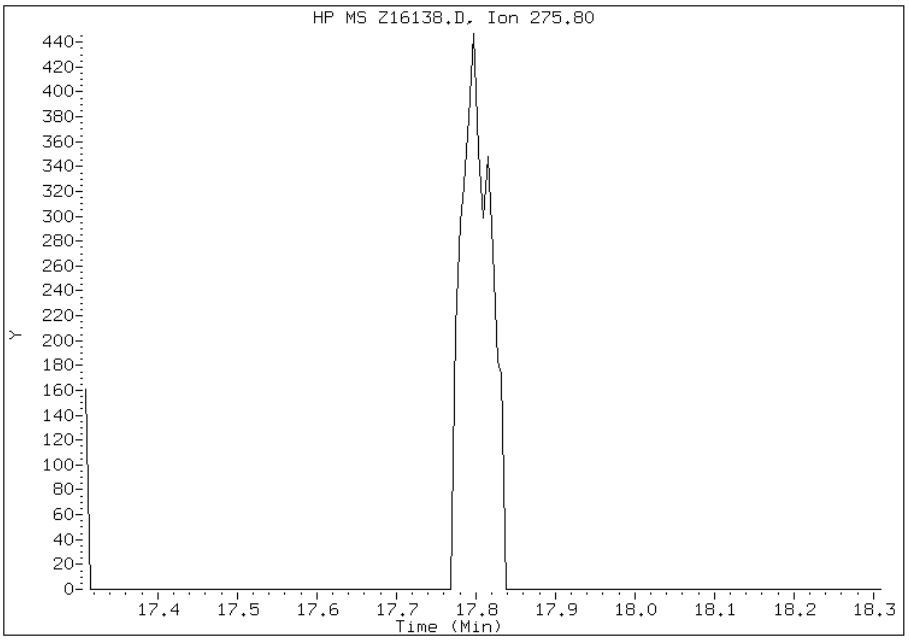
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.81



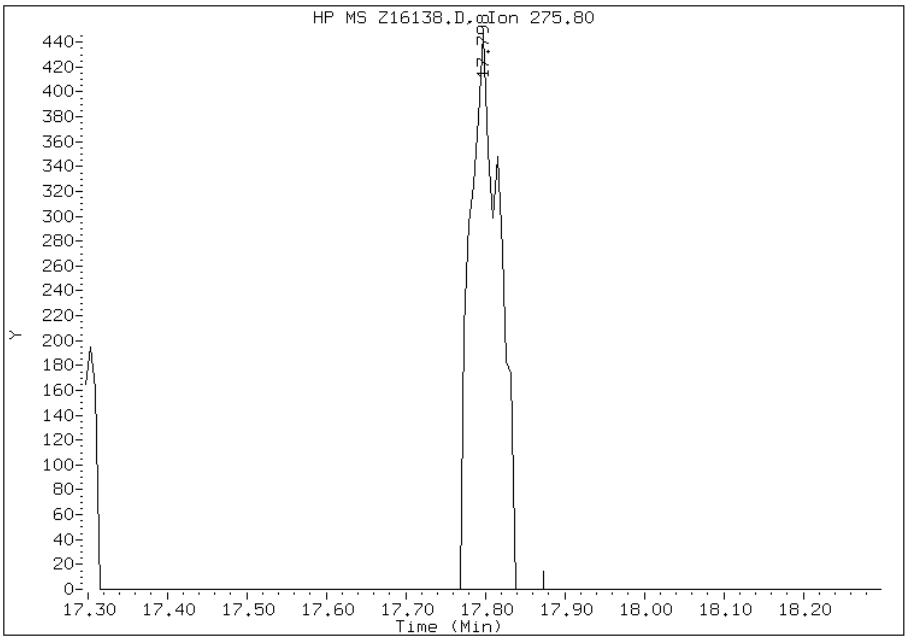
Manual Integration Results

RT: 17.80

Response: 1158

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

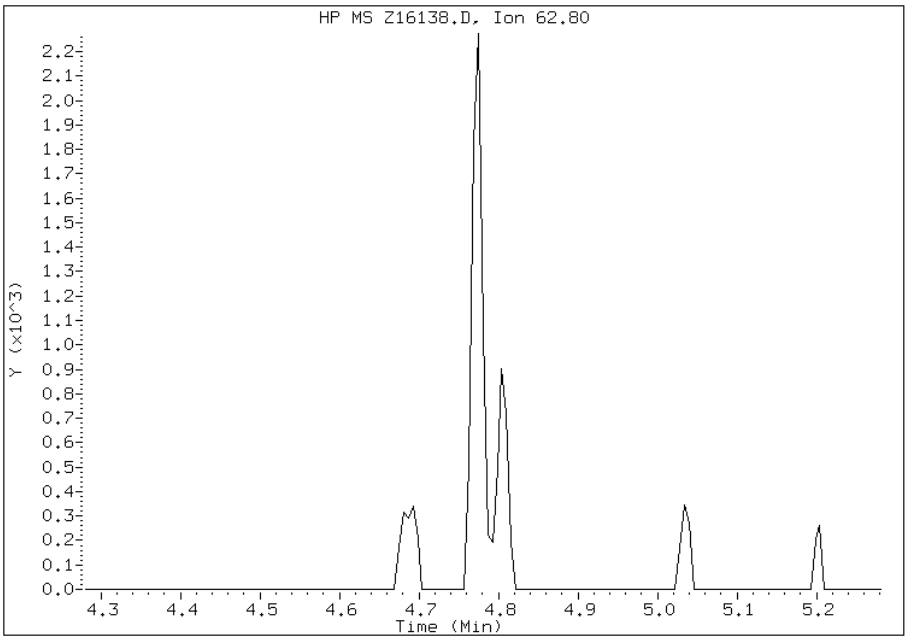
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 9 bis(2-Chloroethyl)ether
CAS #: 111-44-4
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 4.78



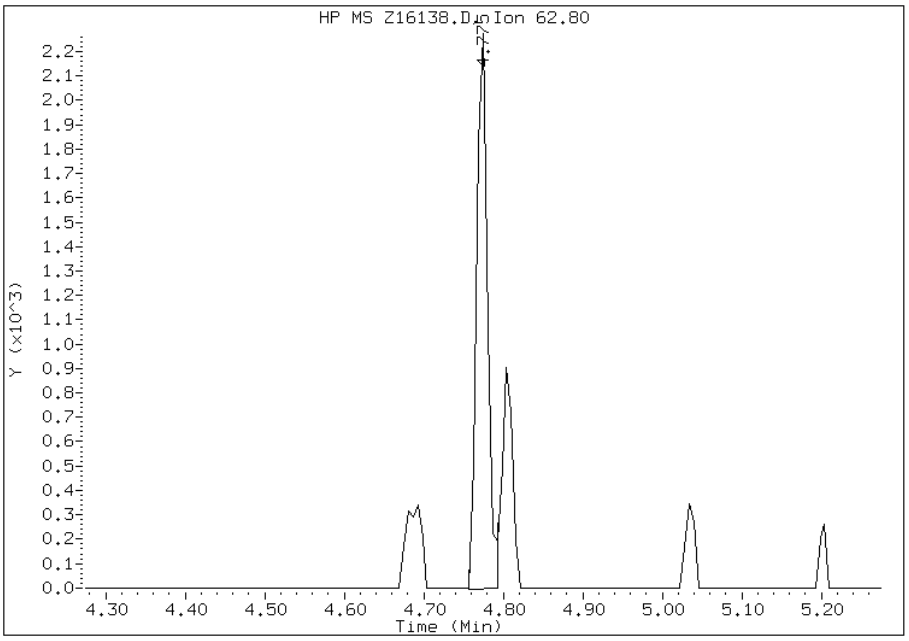
Manual Integration Results

RT: 4.77

Response: 2151

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

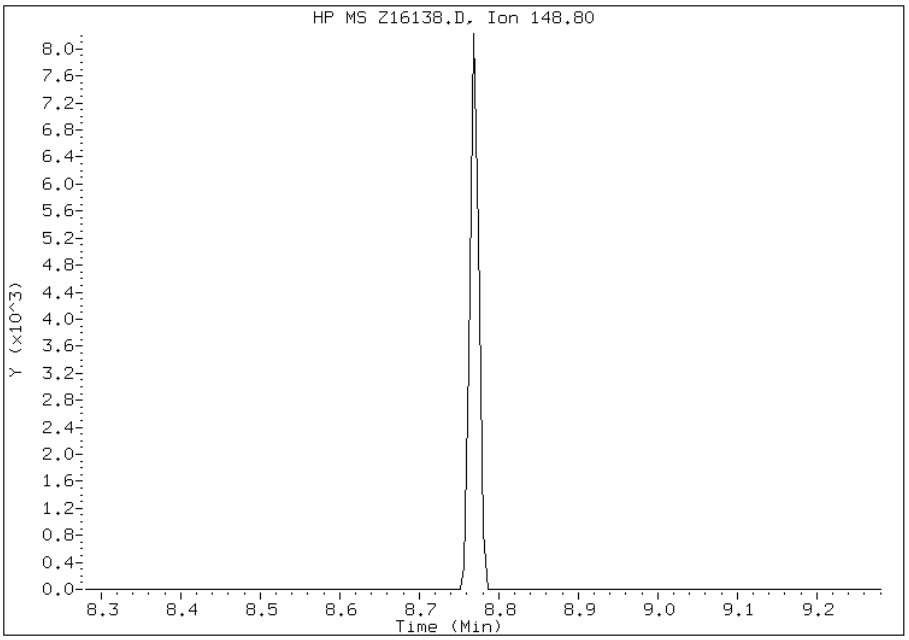
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 54 Diethylphthalate
CAS #: 84-66-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.78



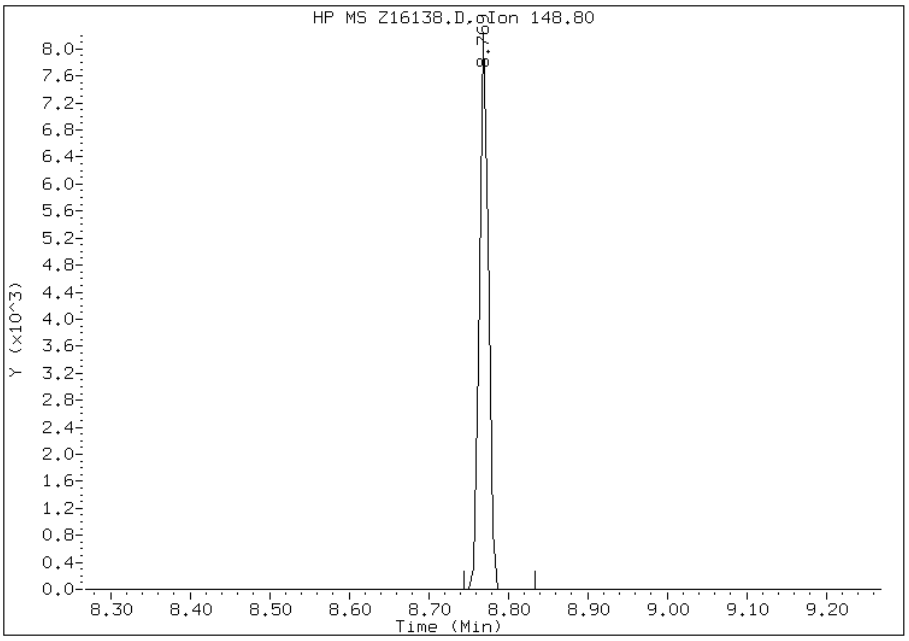
Manual Integration Results

RT: 8.77

Response: 6377

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

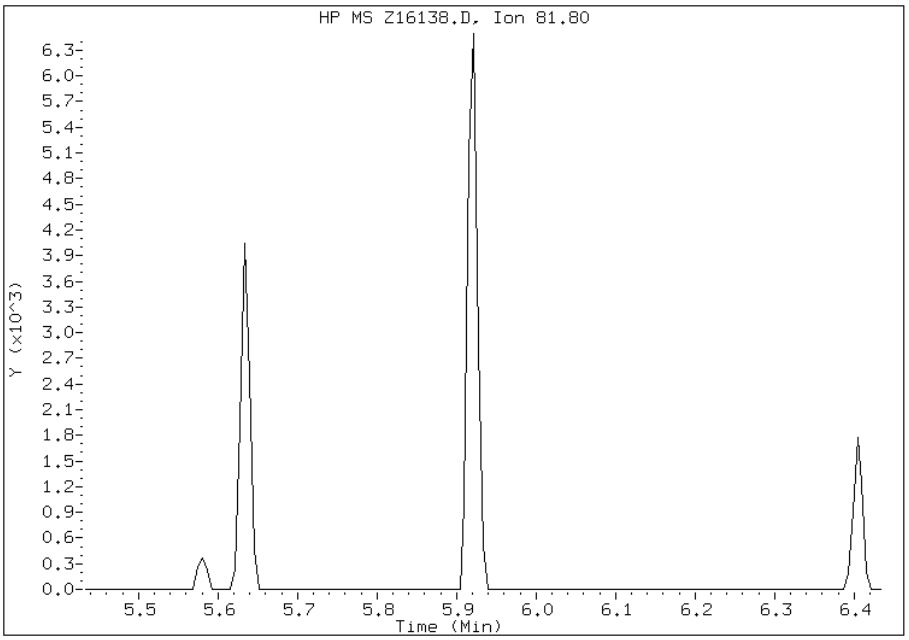
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 23 Isophorone
CAS #: 78-59-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.93



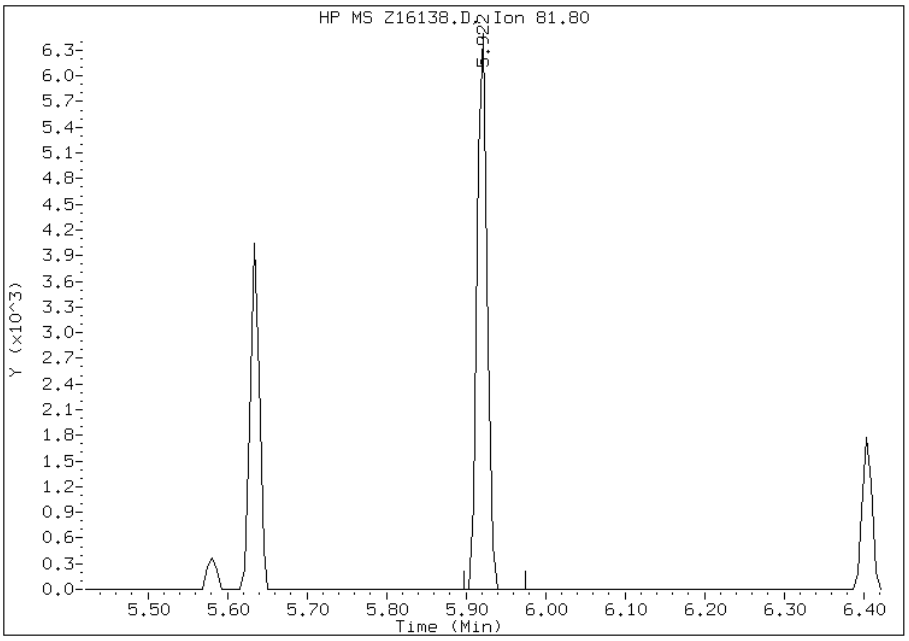
Manual Integration Results

RT: 5.92

Response: 5622

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

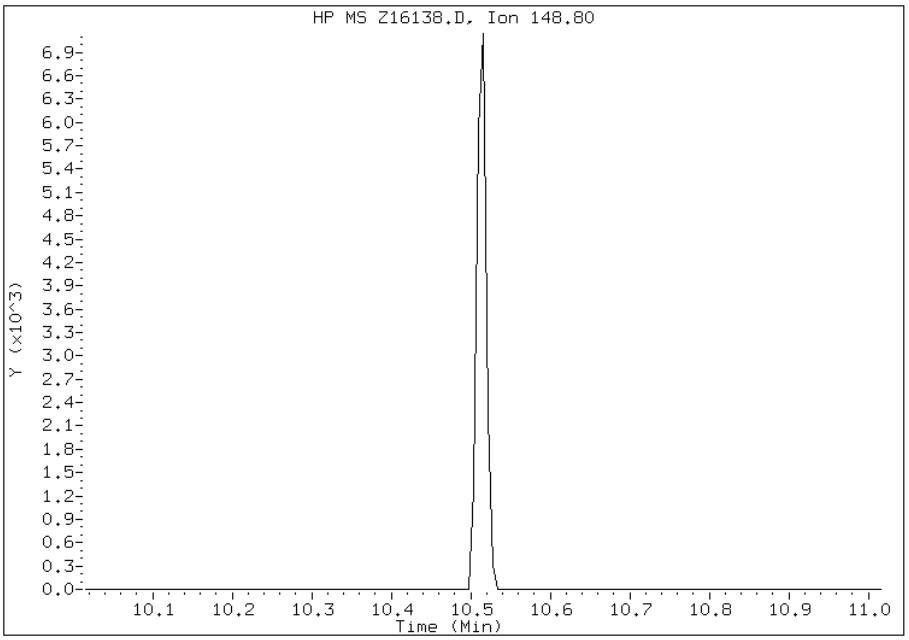
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 67 Di-n-butylphthalate
CAS #: 84-74-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 10.52



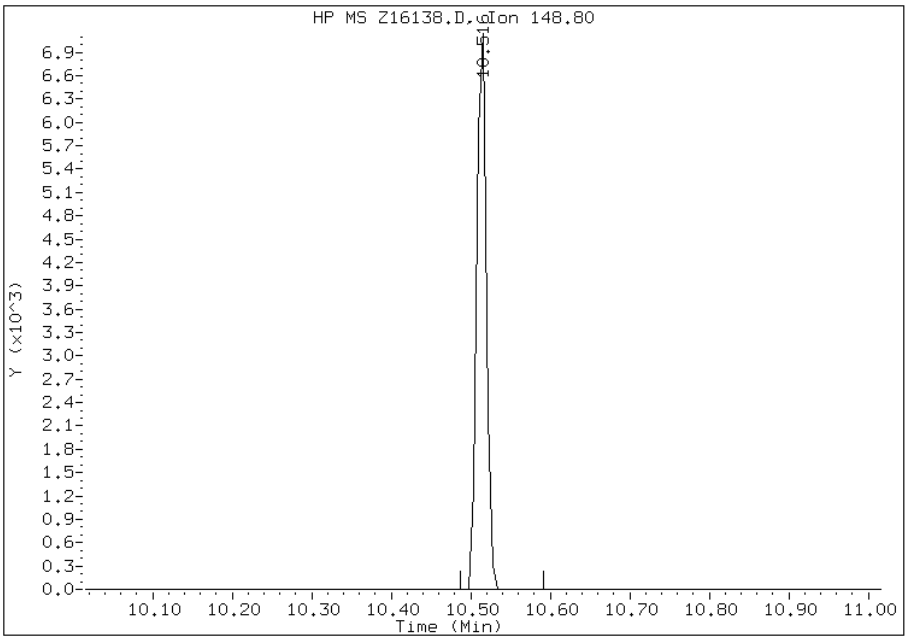
Manual Integration Results

RT: 10.52

Response: 5957

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

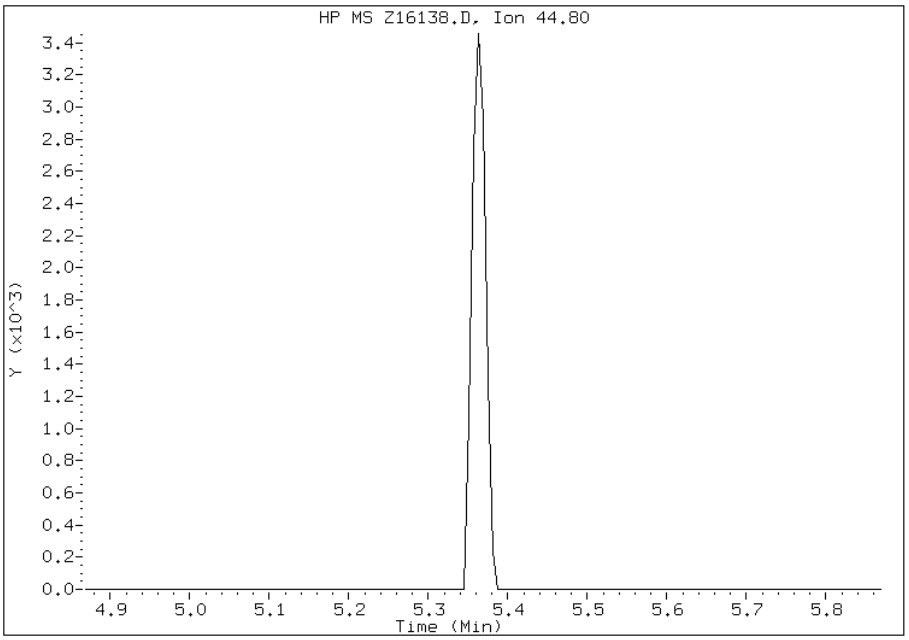
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 15 2,2'-oxybis(1-Chloropropane)
CAS #: 108-60-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.37



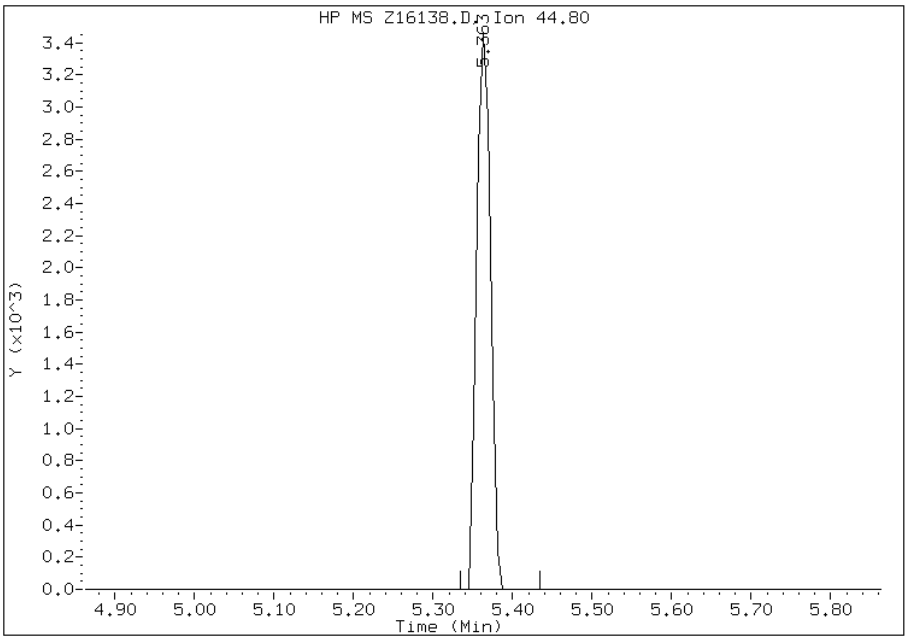
Manual Integration Results

RT: 5.36

Response: 4139

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

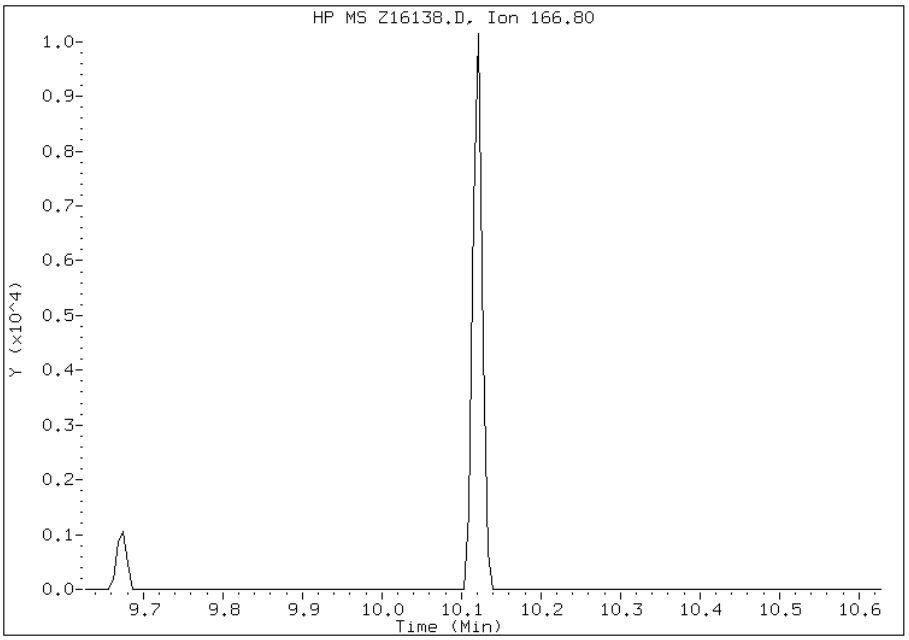
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 65 Carbazole
CAS #: 86-74-8
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 10.13



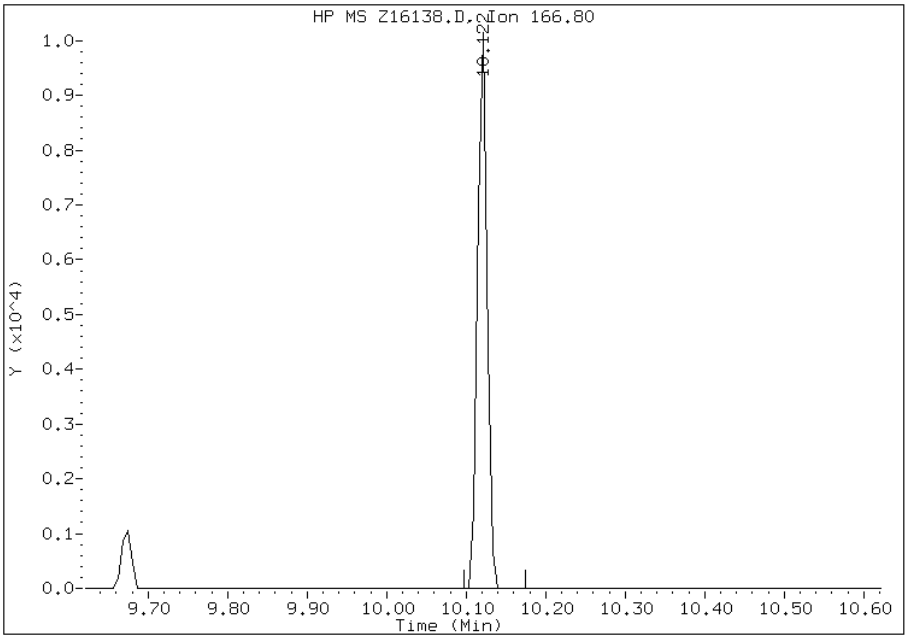
Manual Integration Results

RT: 10.12

Response: 8307

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

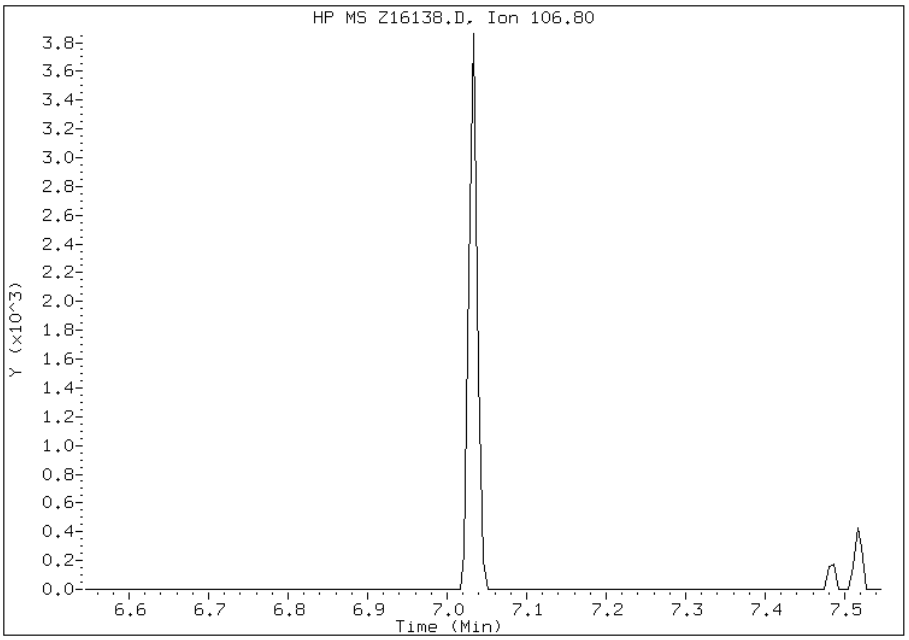
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 33 4-Chloro-3-methylphenol
CAS #: 59-50-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 7.05



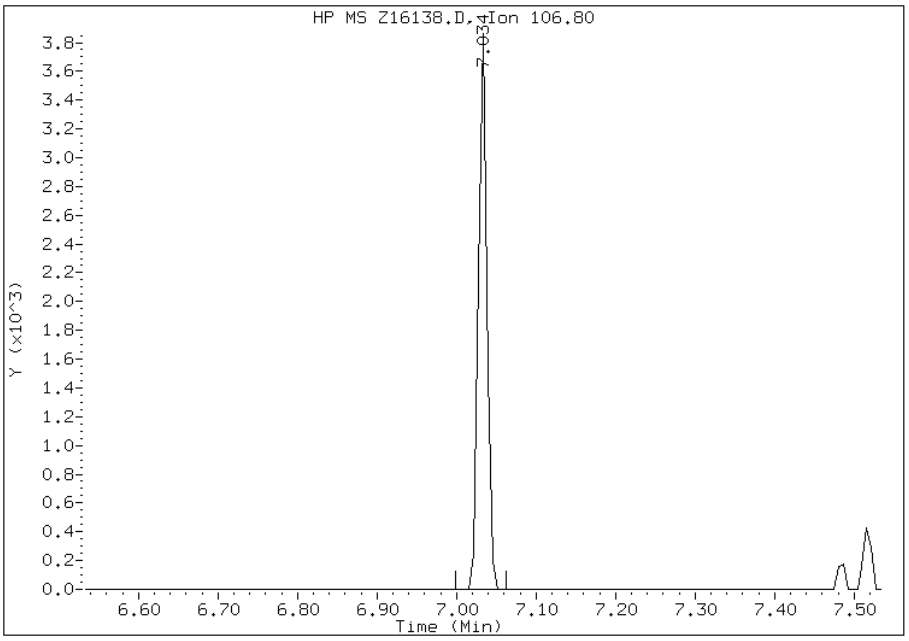
Manual Integration Results

RT: 7.03

Response: 2825

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 56 2,4,6-Tribromophenol
CAS #: 118-79-6
Report Date: 05/11/2010

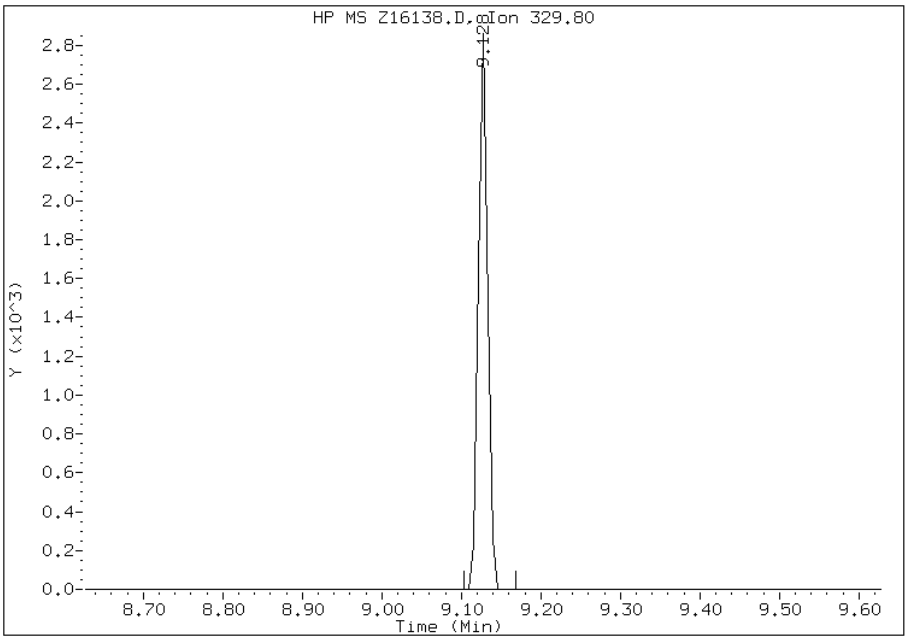
Processing Integration Results

RT: 9.13

Response: 2272

Amount: 0

Conc: 0



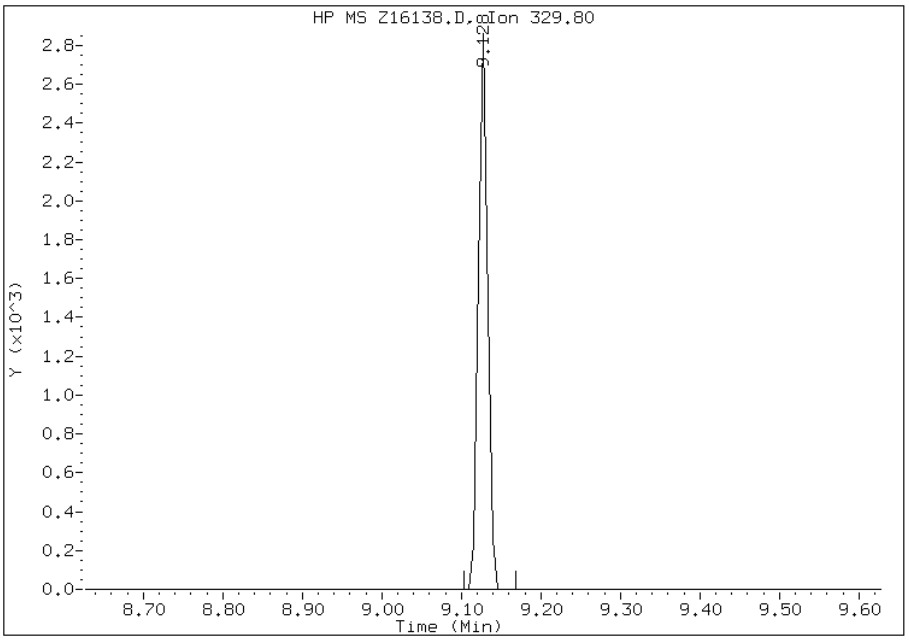
Manual Integration Results

RT: 9.13

Response: 2272

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

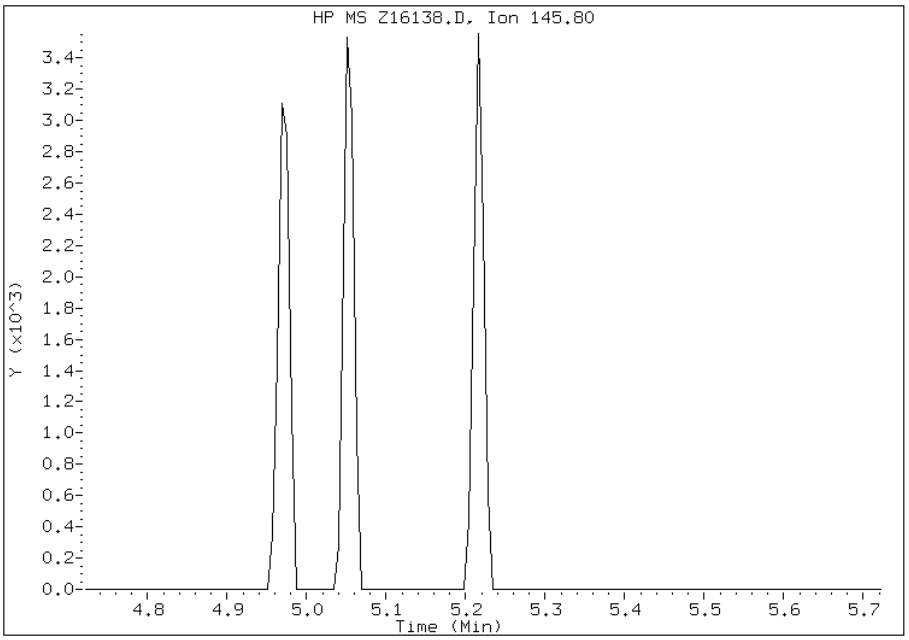
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 14 1,2-Dichlorobenzene
CAS #: 95-50-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.22



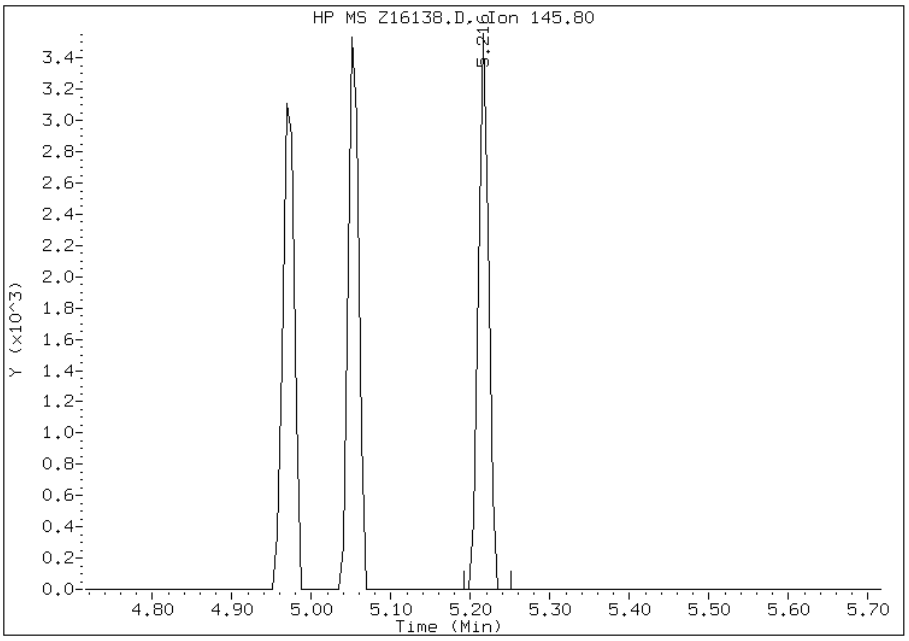
Manual Integration Results

RT: 5.22

Response: 3142

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

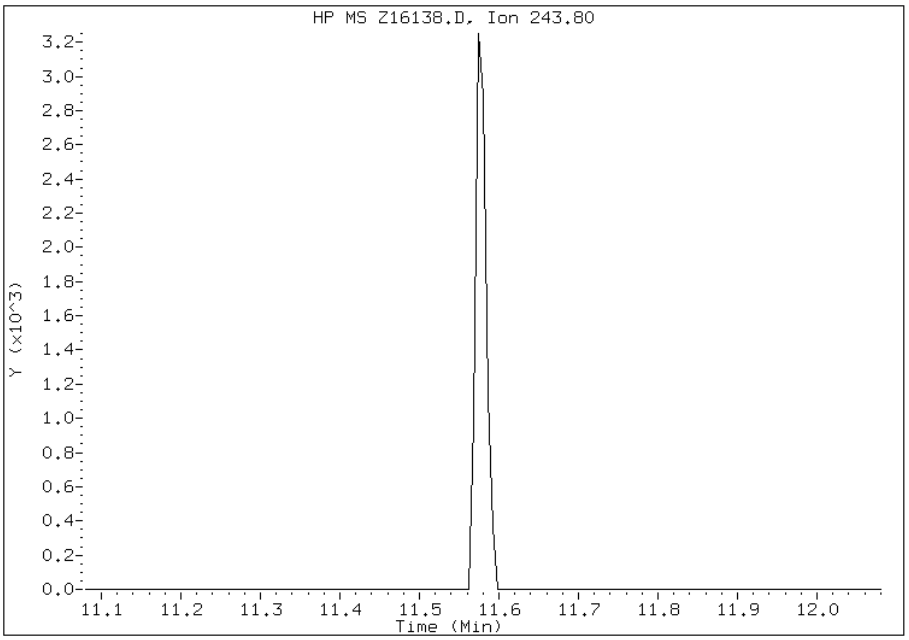
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 73 Terphenyl-d14
CAS #: 1718-51-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 11.58



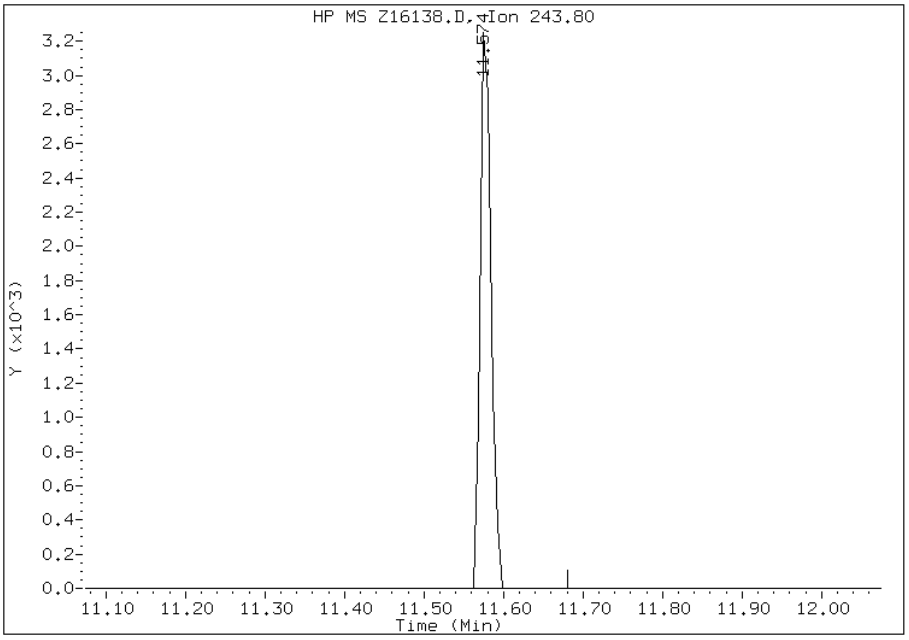
Manual Integration Results

RT: 11.57

Response: 3036

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

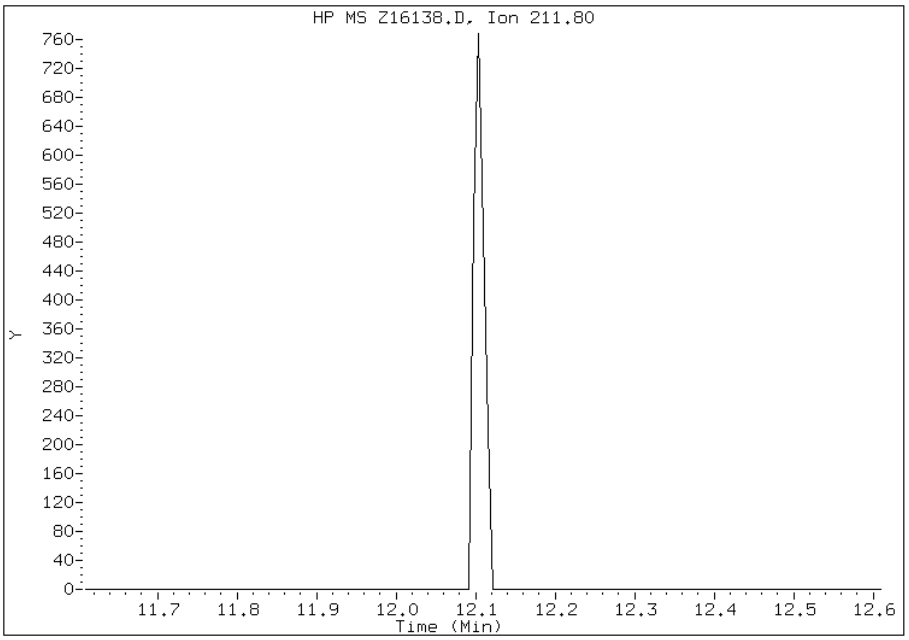
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.11



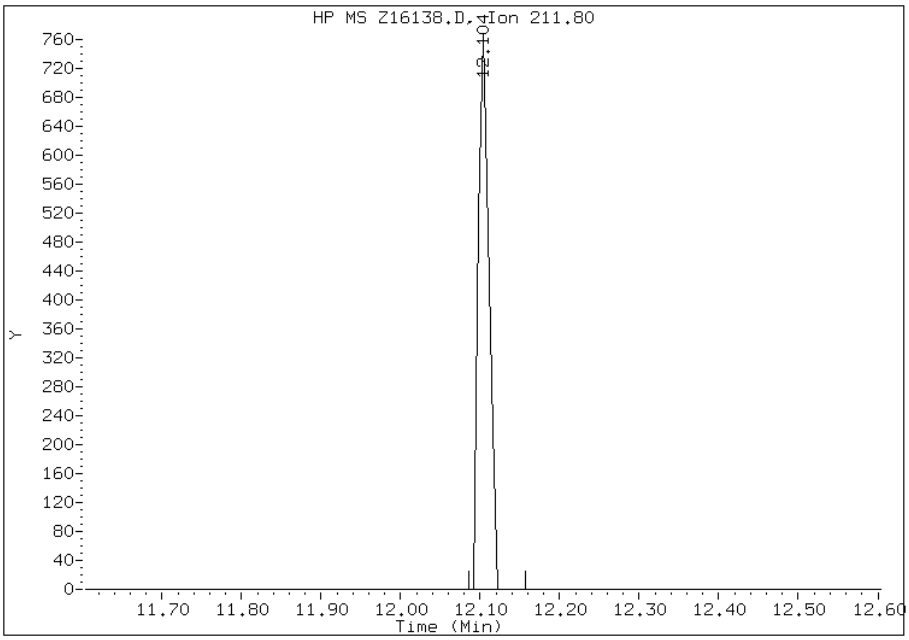
Manual Integration Results

RT: 12.10

Response: 705

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

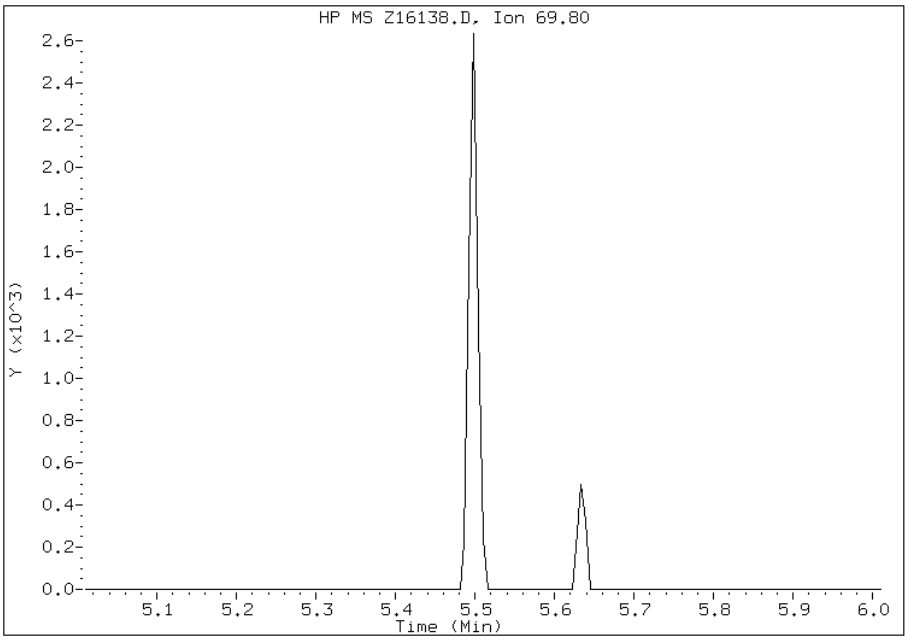
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 18 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.51



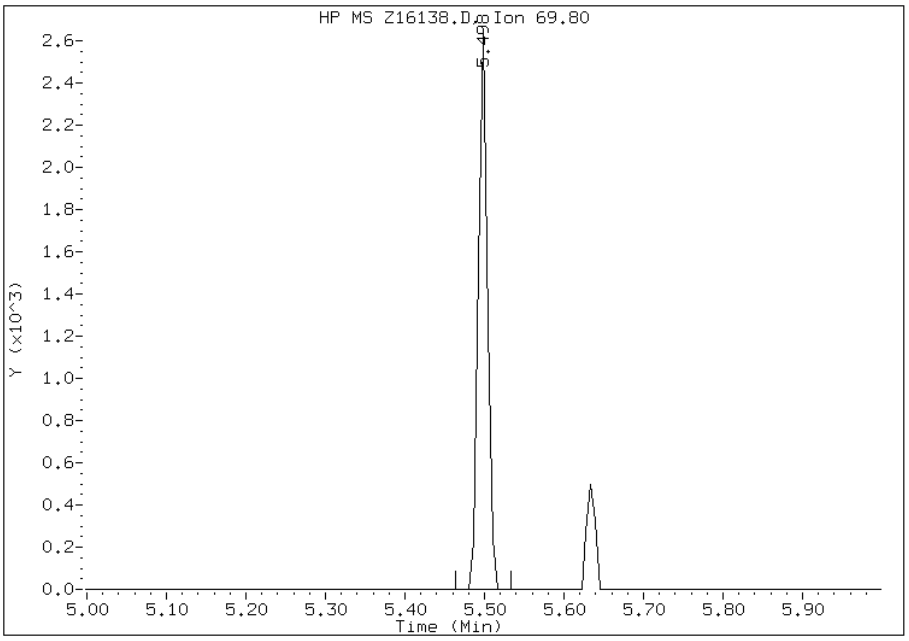
Manual Integration Results

RT: 5.50

Response: 2077

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

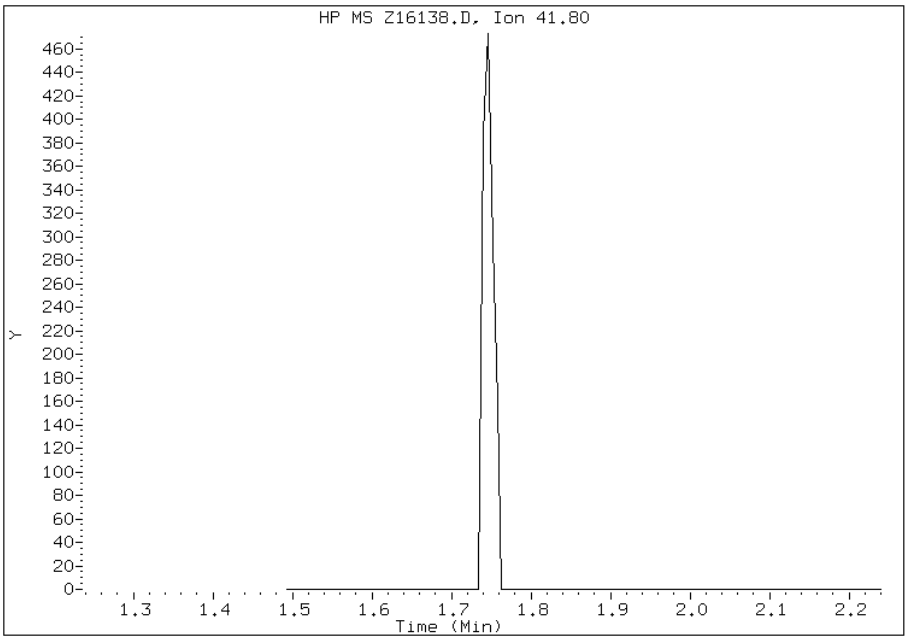
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 1.74



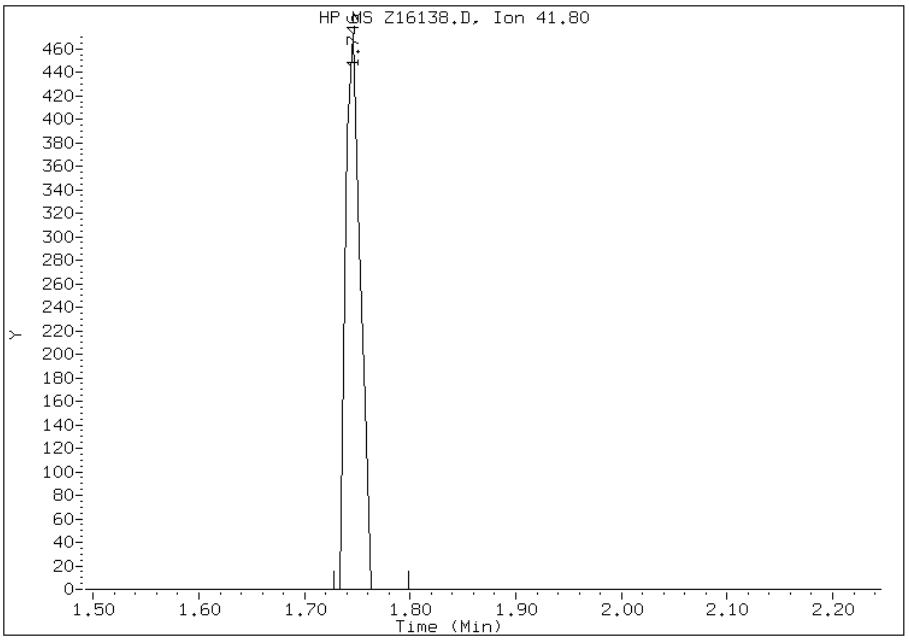
Manual Integration Results

RT: 1.75

Response: 463

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

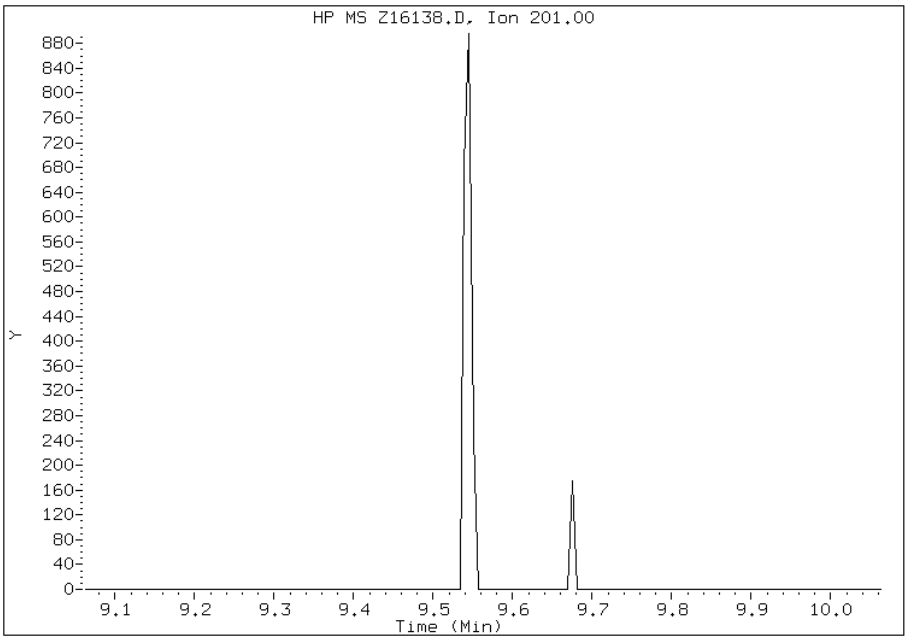
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 167 Simazine
CAS #: 122-34-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 9.56



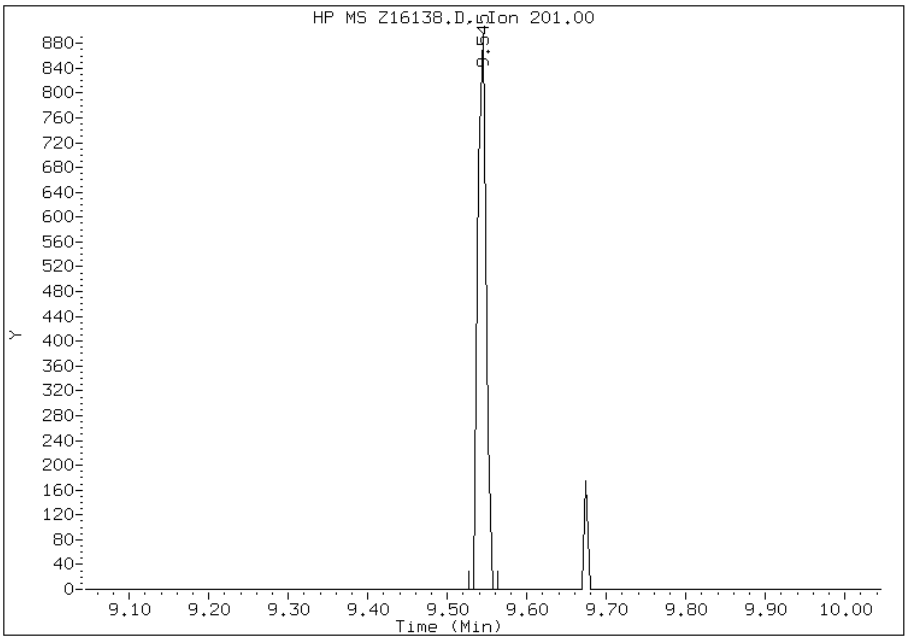
Manual Integration Results

RT: 9.55

Response: 645

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

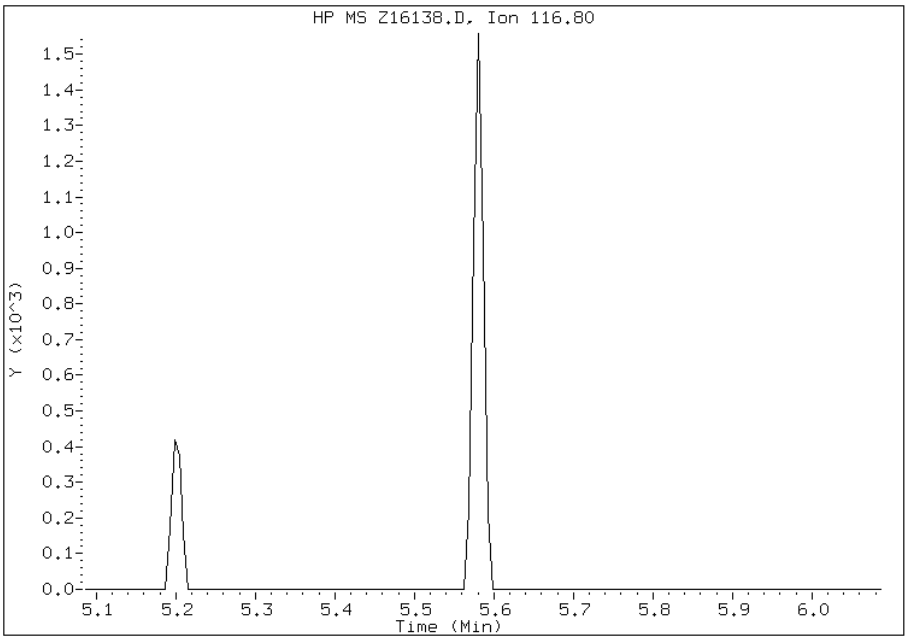
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 17 Hexachloroethane
CAS #: 67-72-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.59



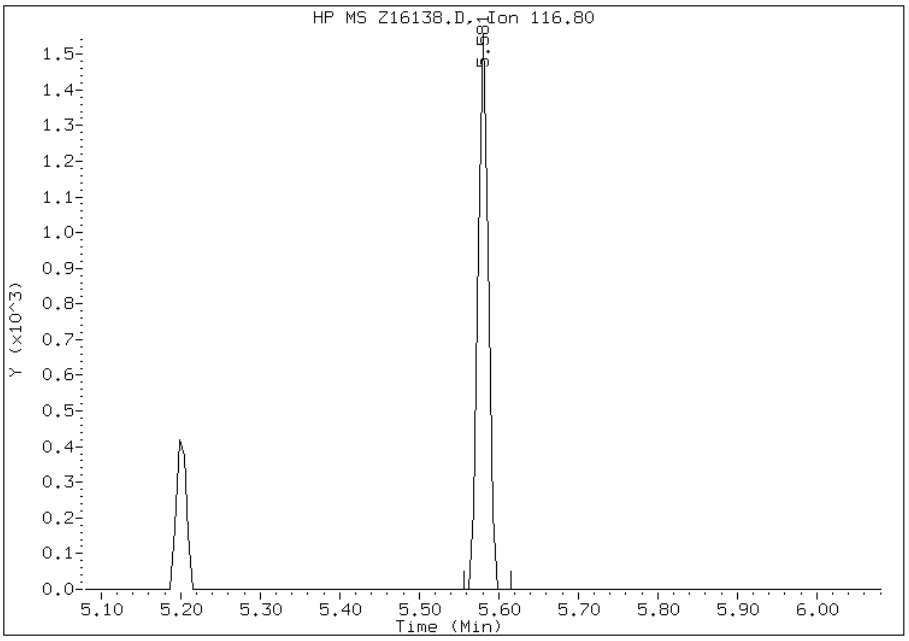
Manual Integration Results

RT: 5.58

Response: 1383

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

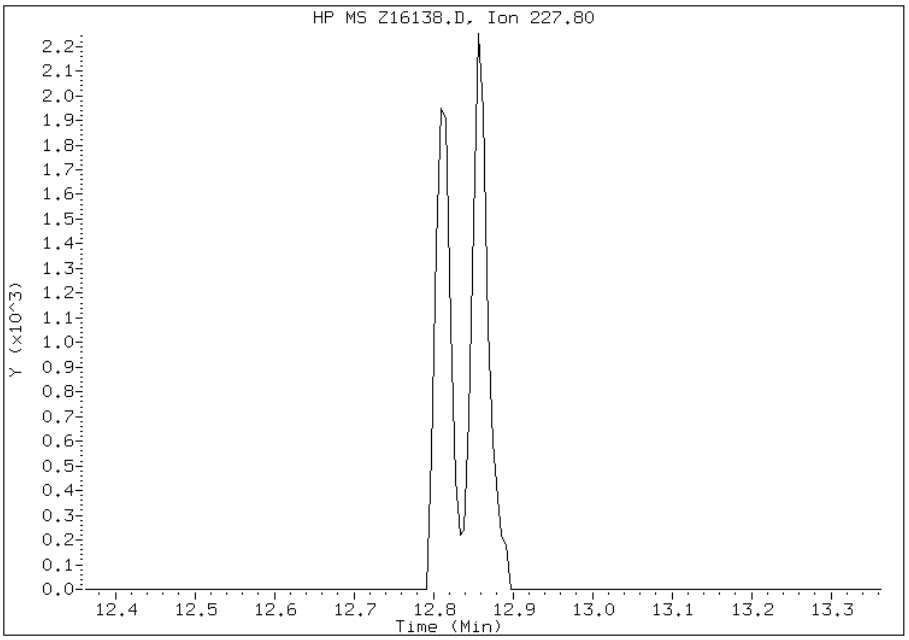
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 77 Chrysene
CAS #: 218-01-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.86



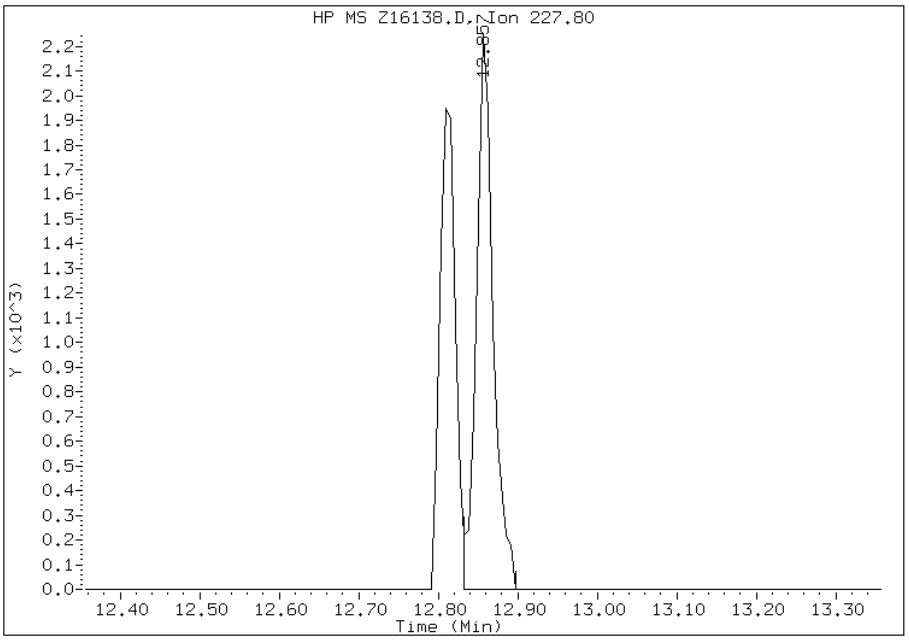
Manual Integration Results

RT: 12.86

Response: 3270

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

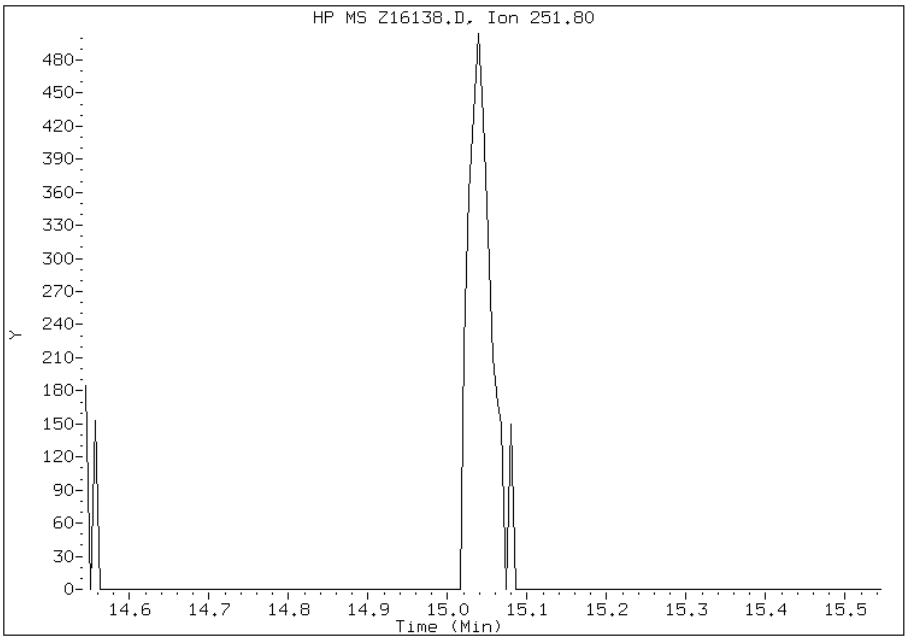
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 83 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 15.04



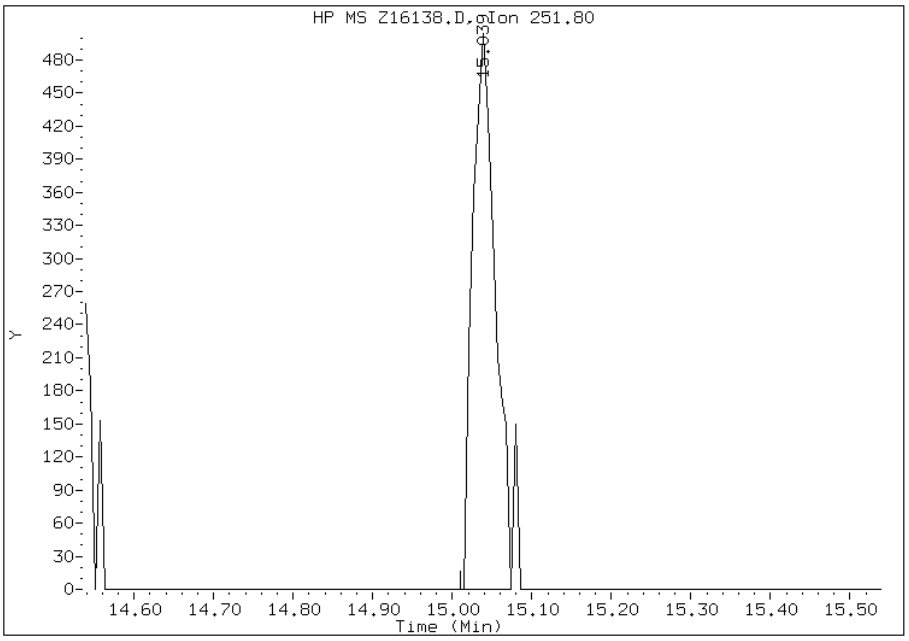
Manual Integration Results

RT: 15.04

Response: 986

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

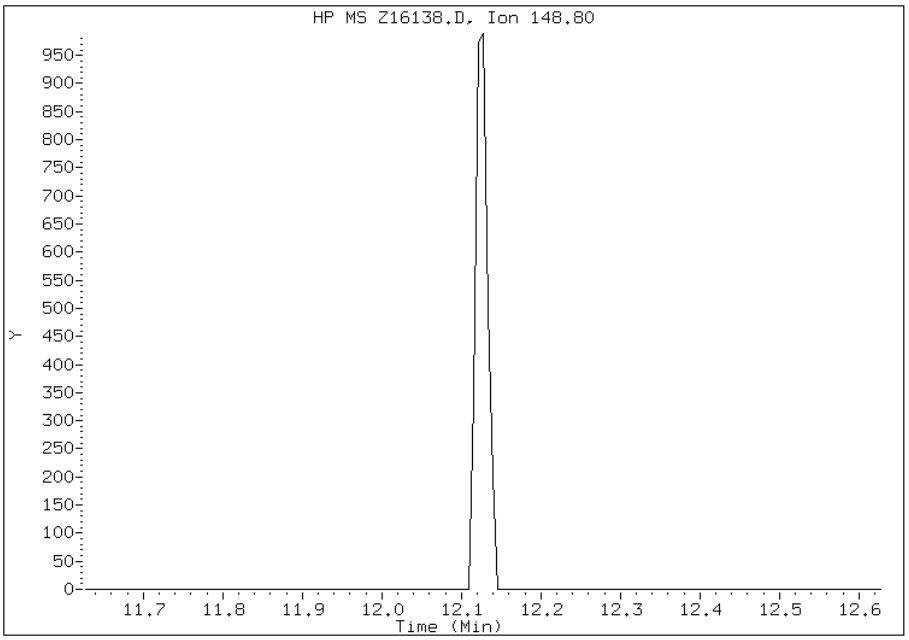
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 74 Butylbenzylphthalate
CAS #: 85-68-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.13



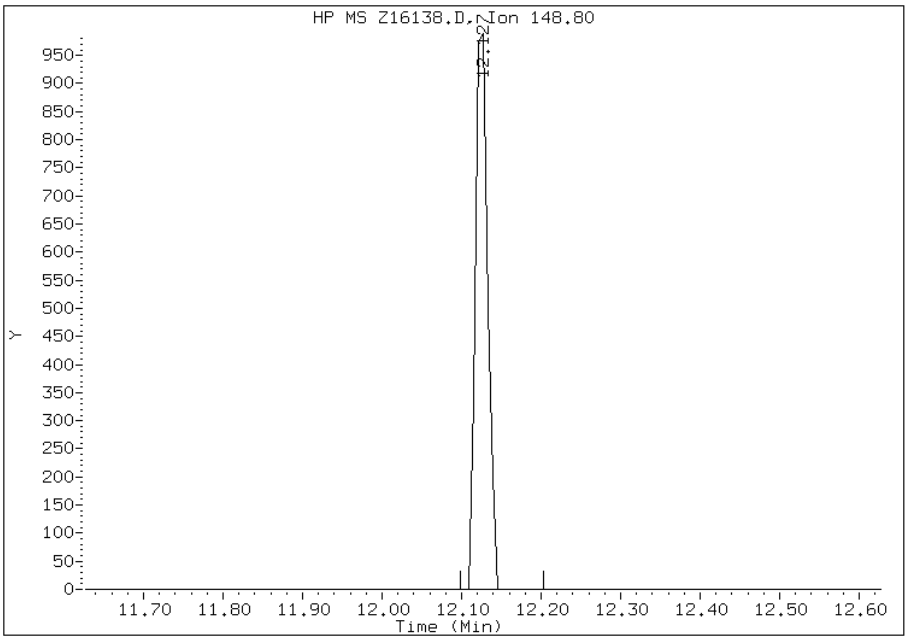
Manual Integration Results

RT: 12.13

Response: 1058

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

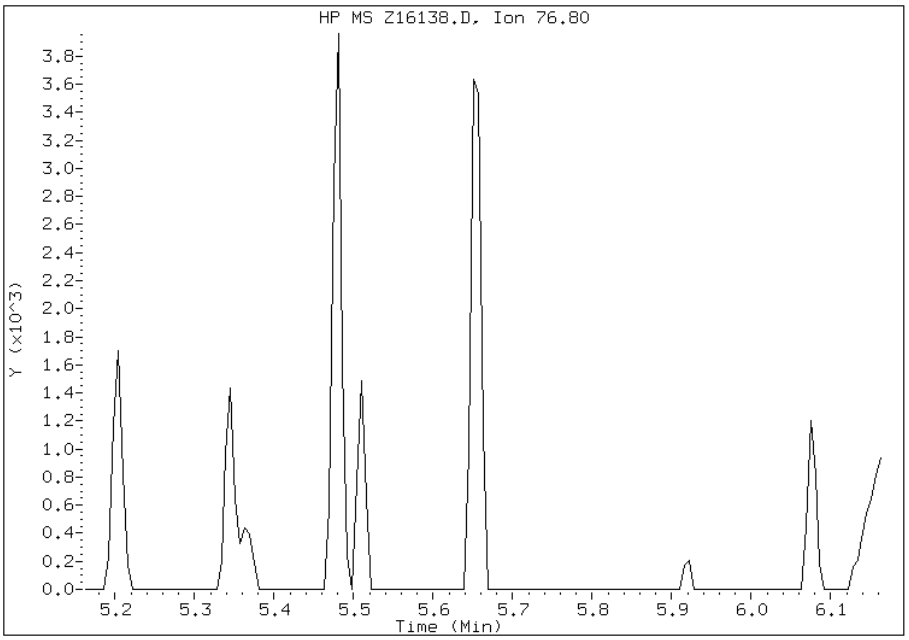
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 22 Nitrobenzene
CAS #: 98-95-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.66



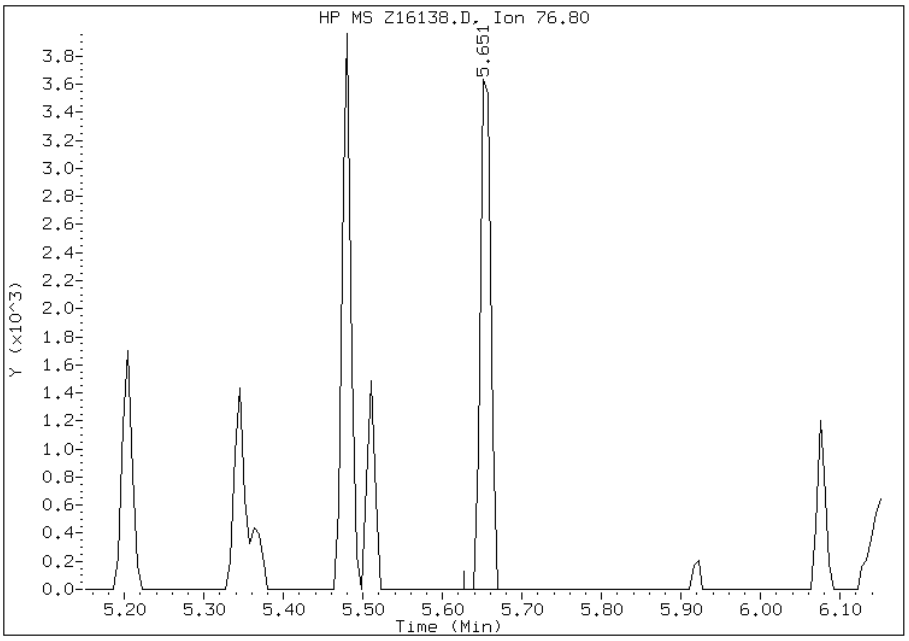
Manual Integration Results

RT: 5.65

Response: 3274

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

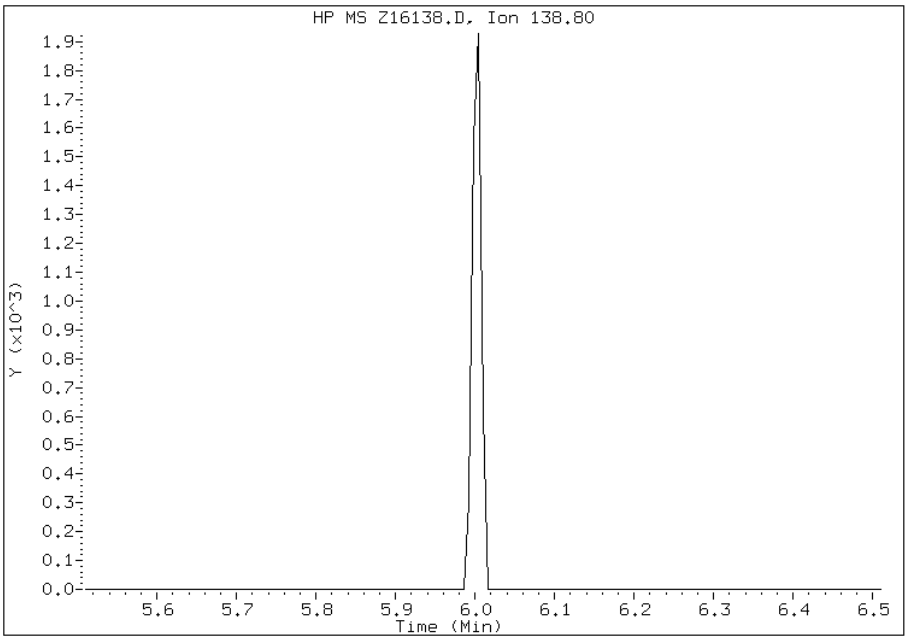
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 24 2-Nitrophenol
CAS #: 88-75-5
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 6.01



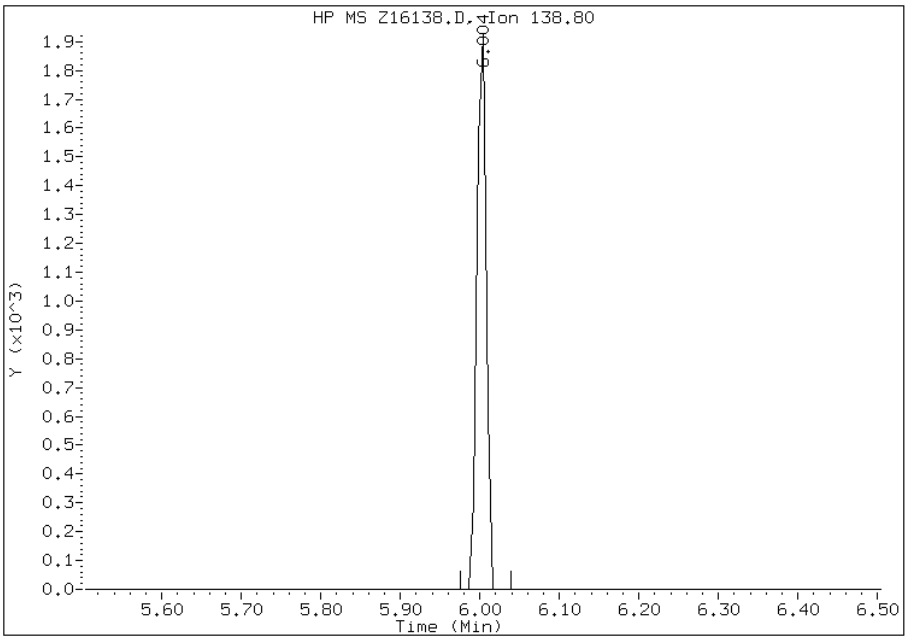
Manual Integration Results

RT: 6.00

Response: 1555

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

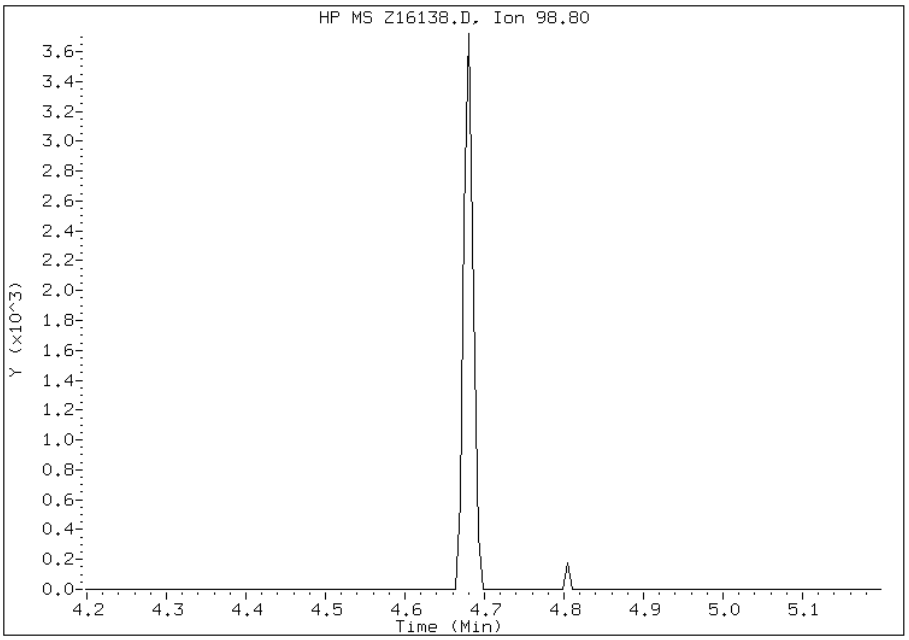
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 3 Phenol-d5
CAS #: 4165-62-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 4.70



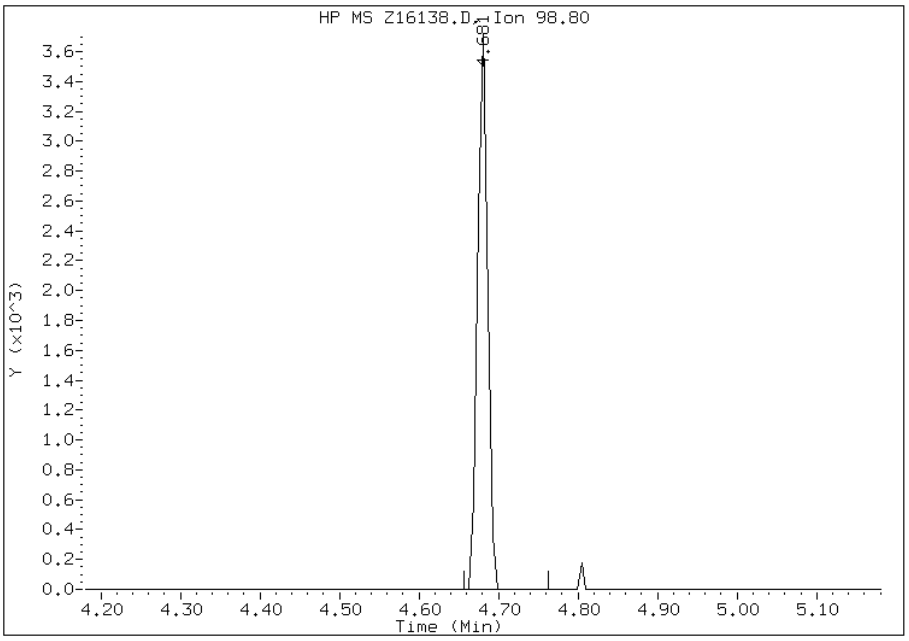
Manual Integration Results

RT: 4.68

Response: 3202

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

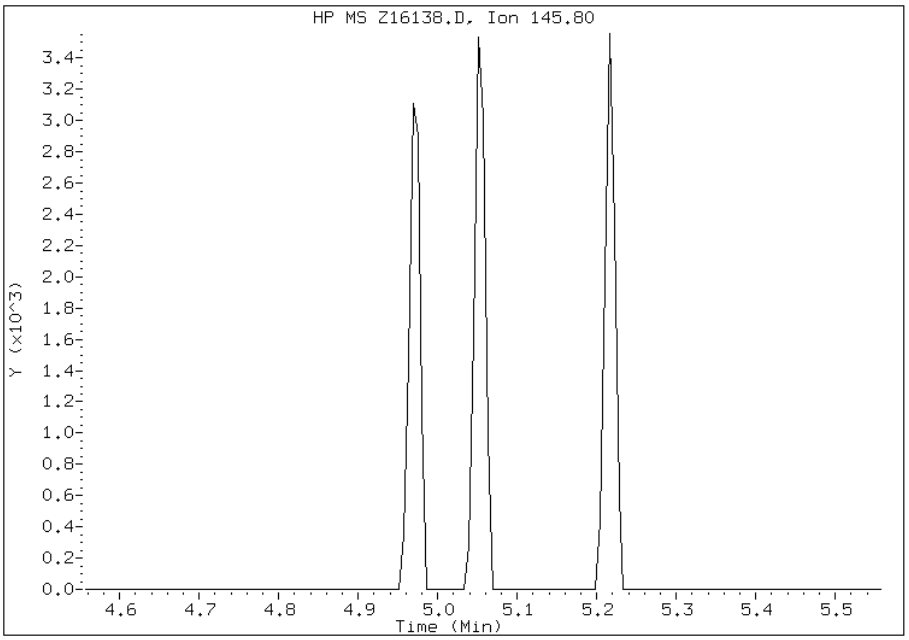
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 12 1,4-Dichlorobenzene
CAS #: 106-46-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 5.06



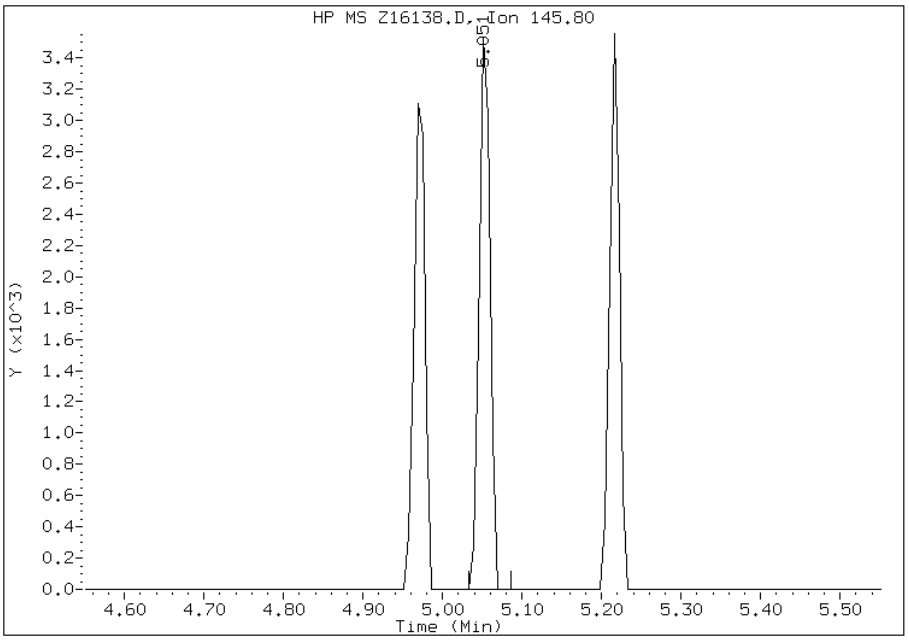
Manual Integration Results

RT: 5.05

Response: 3326

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

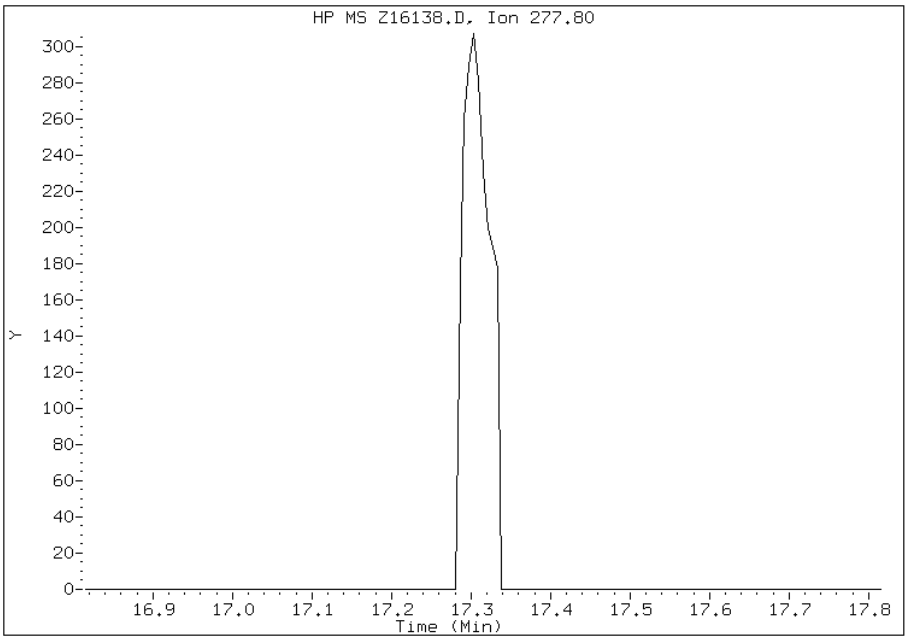
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.32



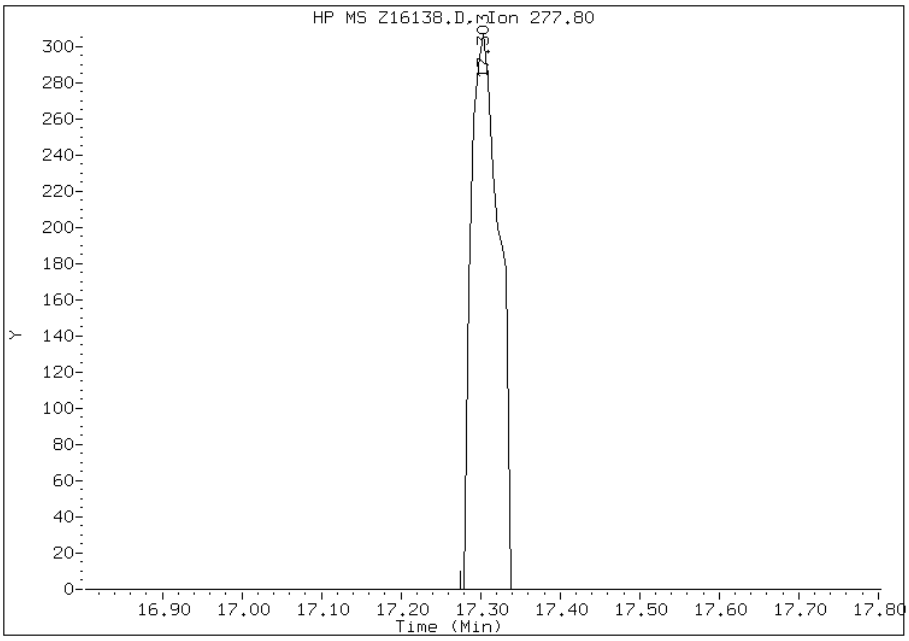
Manual Integration Results

RT: 17.30

Response: 741

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

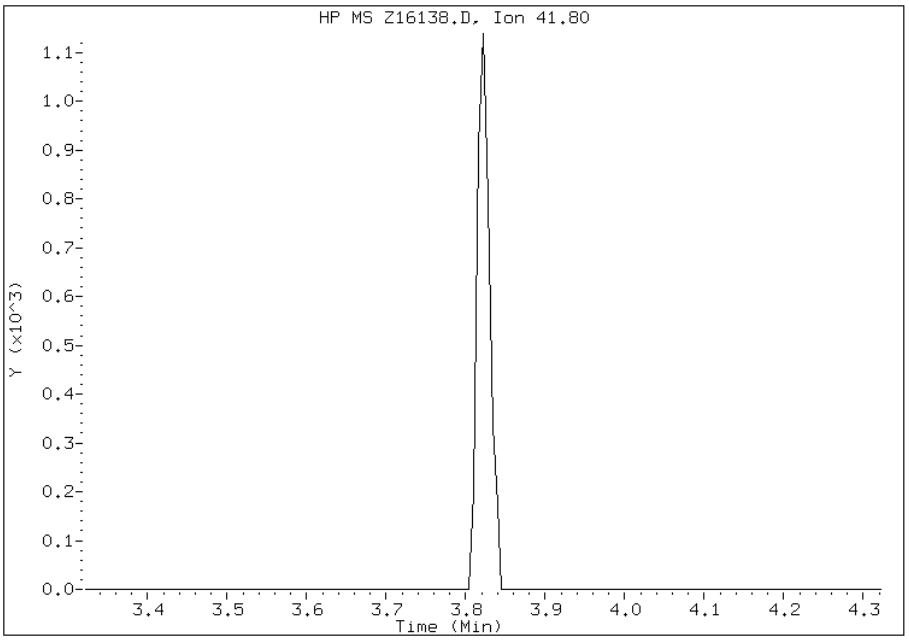
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 6 Cyclohexanone
CAS #: 108-94-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 3.82



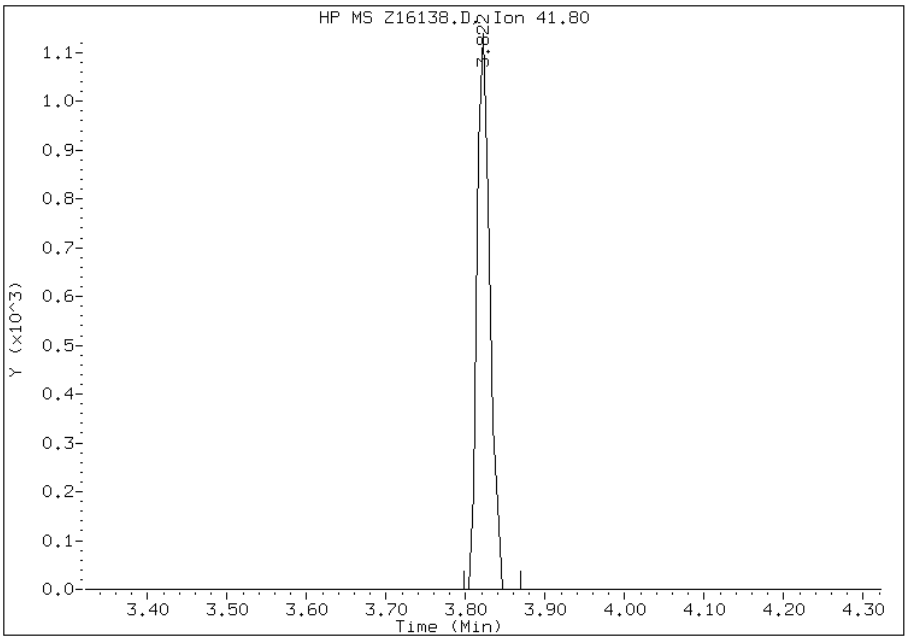
Manual Integration Results

RT: 3.82

Response: 1254

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

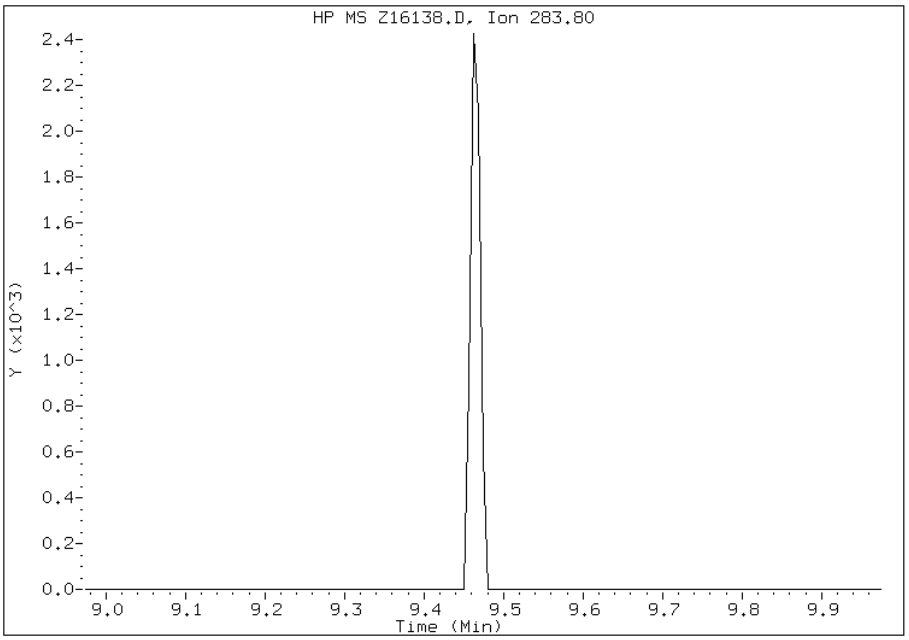
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 62 Hexachlorobenzene
CAS #: 118-74-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 9.47



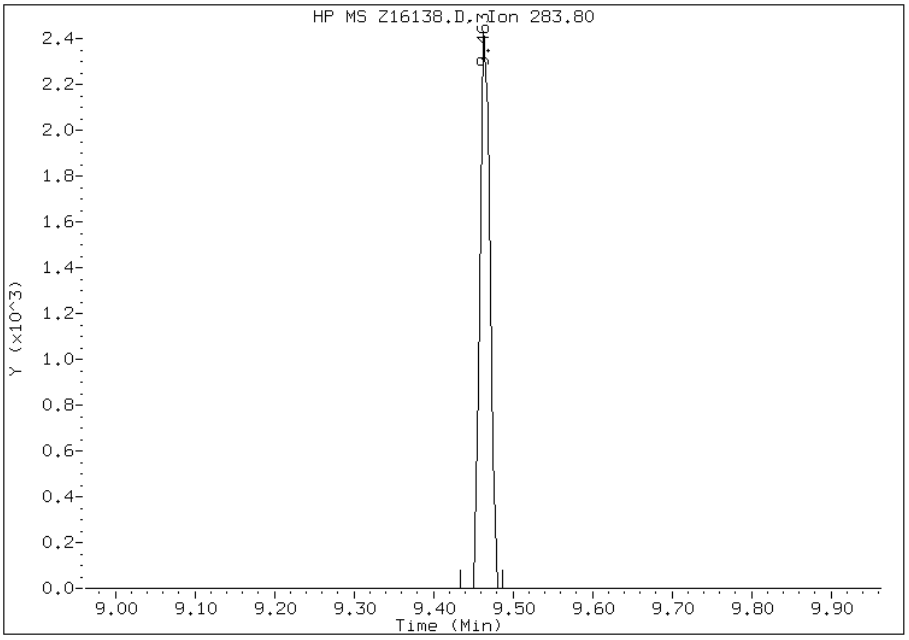
Manual Integration Results

RT: 9.46

Response: 2110

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

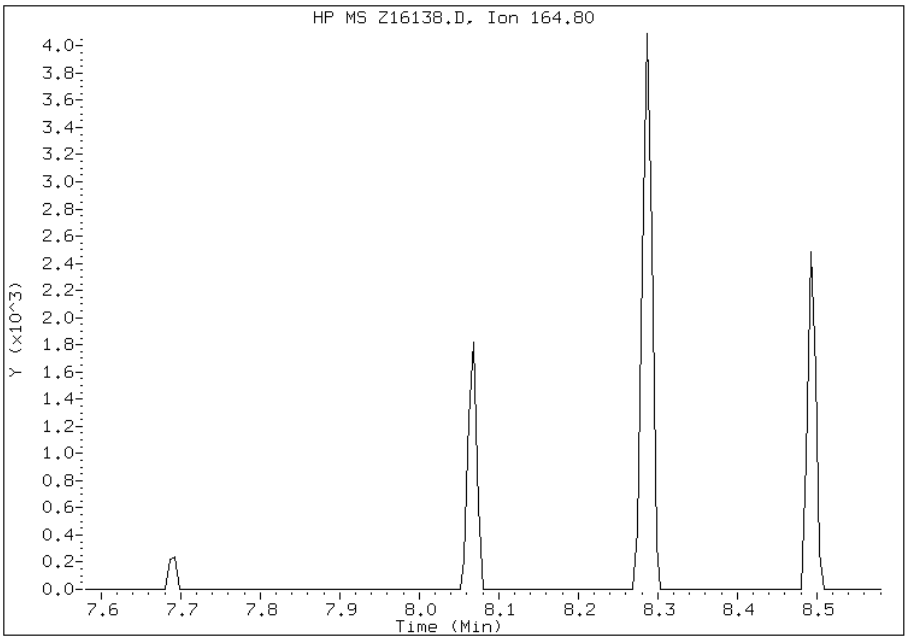
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 45 2,6-Dinitrotoluene
CAS #: 606-20-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.08



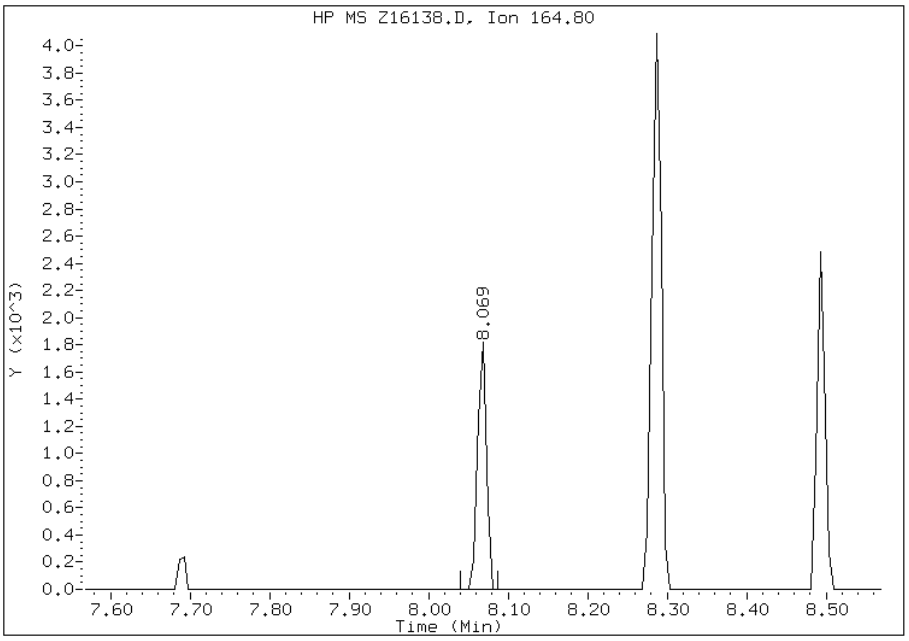
Manual Integration Results

RT: 8.07

Response: 1382

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

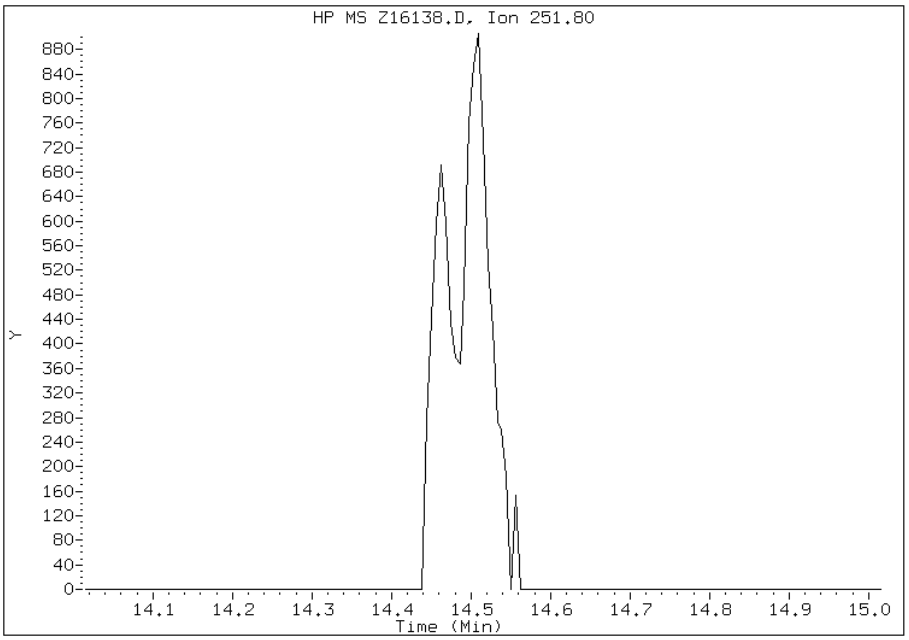
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 82 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 14.52



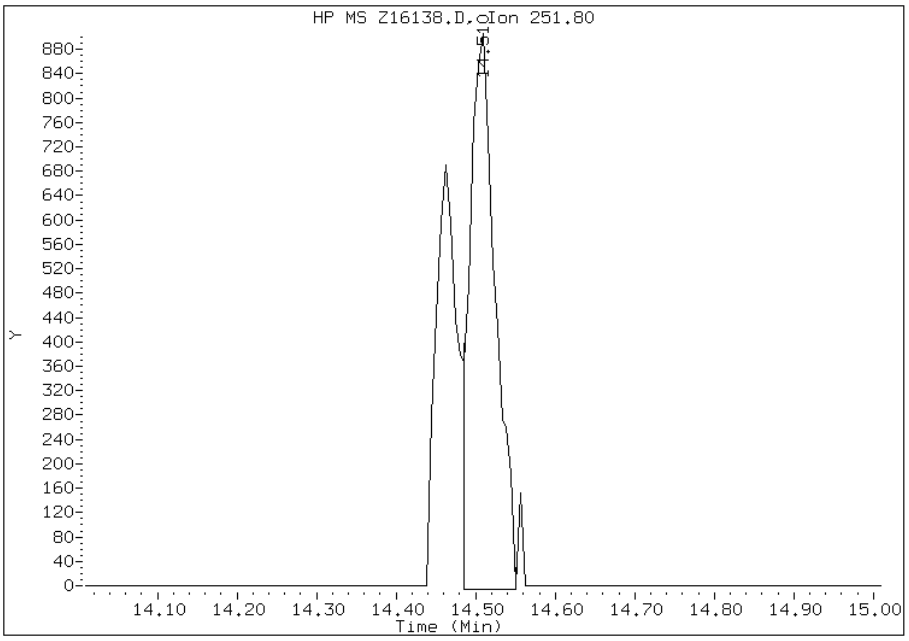
Manual Integration Results

RT: 14.51

Response: 2066

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

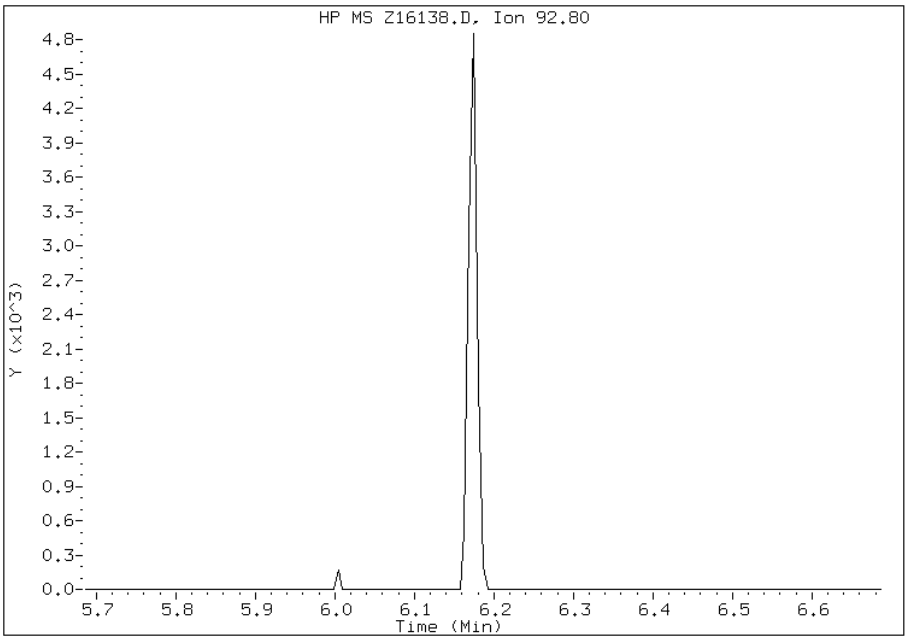
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 27 Bis(2-Chloroethoxy)methane
CAS #: 111-91-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 6.19



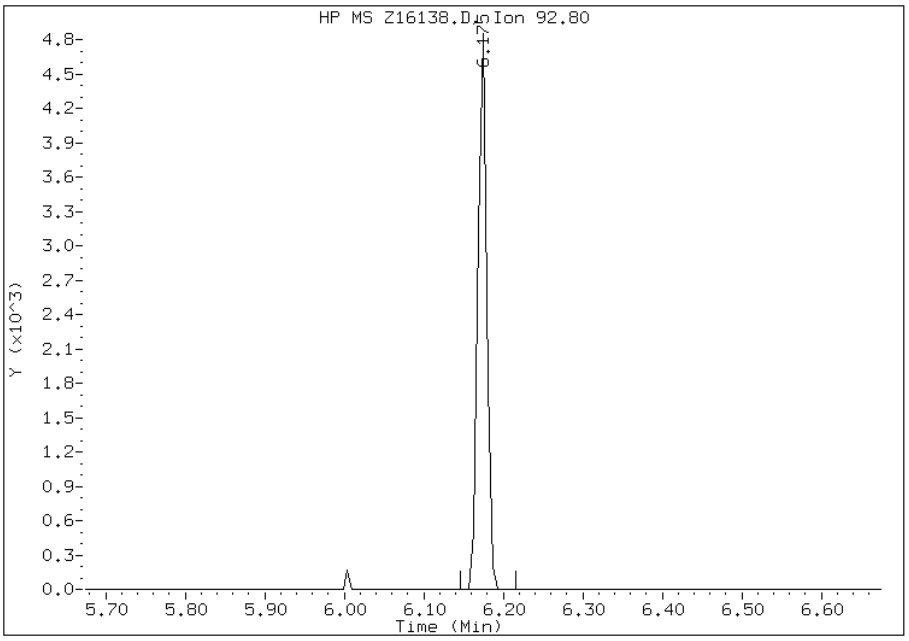
Manual Integration Results

RT: 6.17

Response: 3705

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

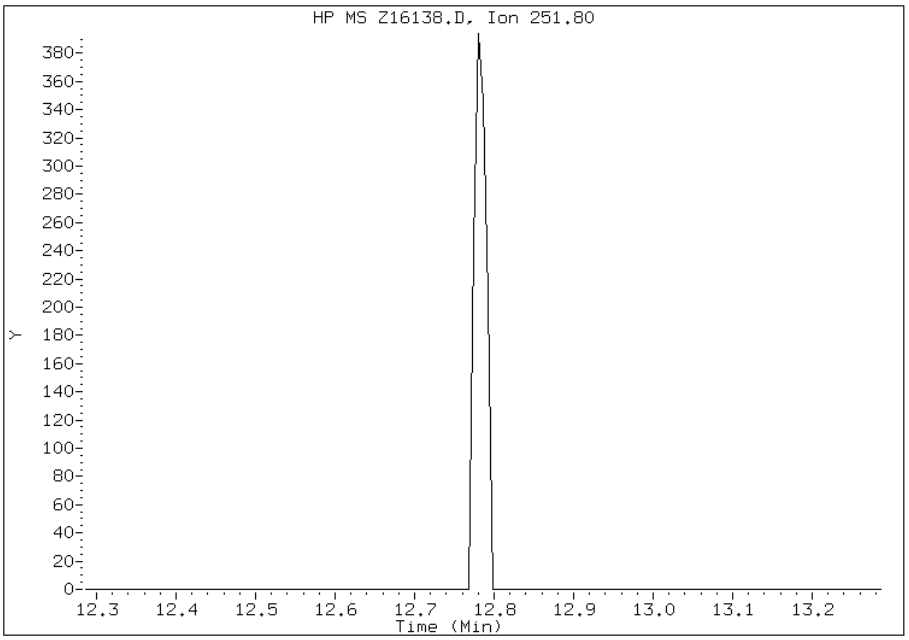
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 75 3,3'-Dichlorobenzidine
CAS #: 91-94-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.79



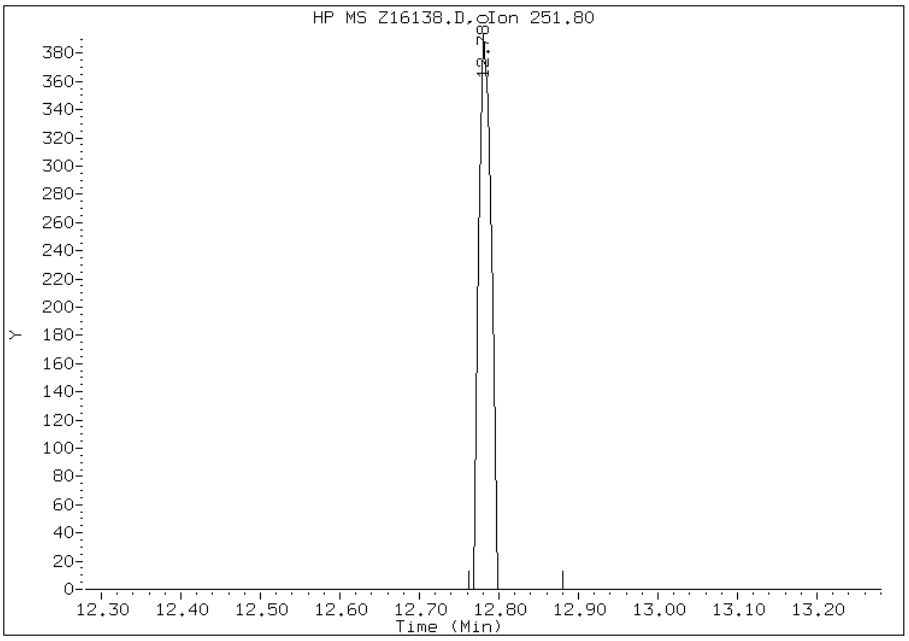
Manual Integration Results

RT: 12.78

Response: 420

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

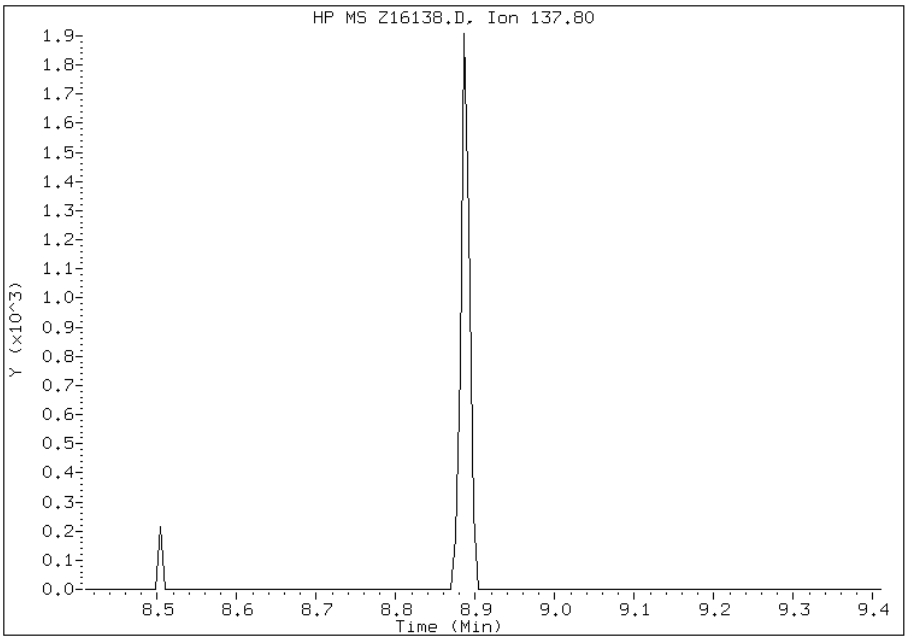
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 55 4-Nitroaniline
CAS #: 100-01-6
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.91



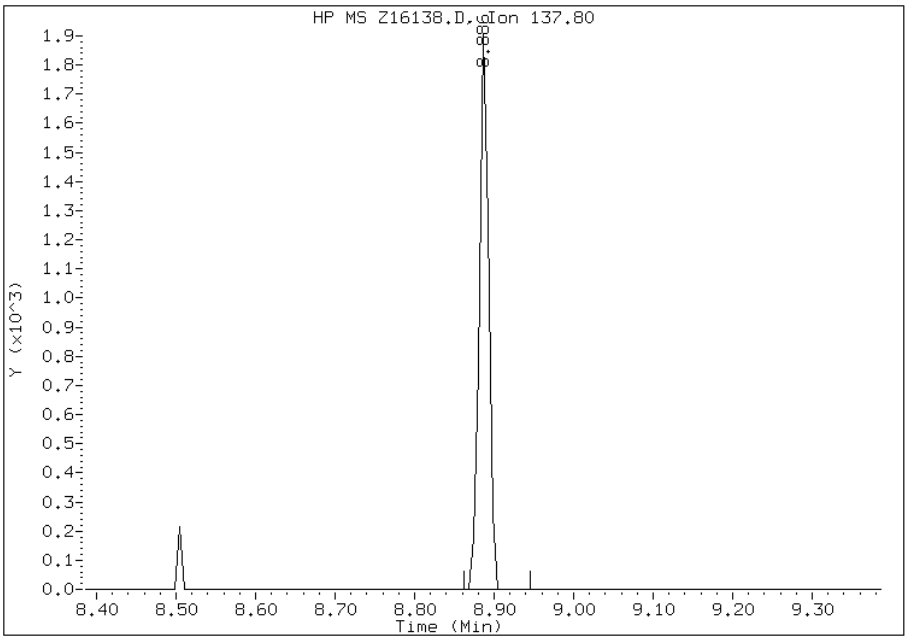
Manual Integration Results

RT: 8.89

Response: 1539

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

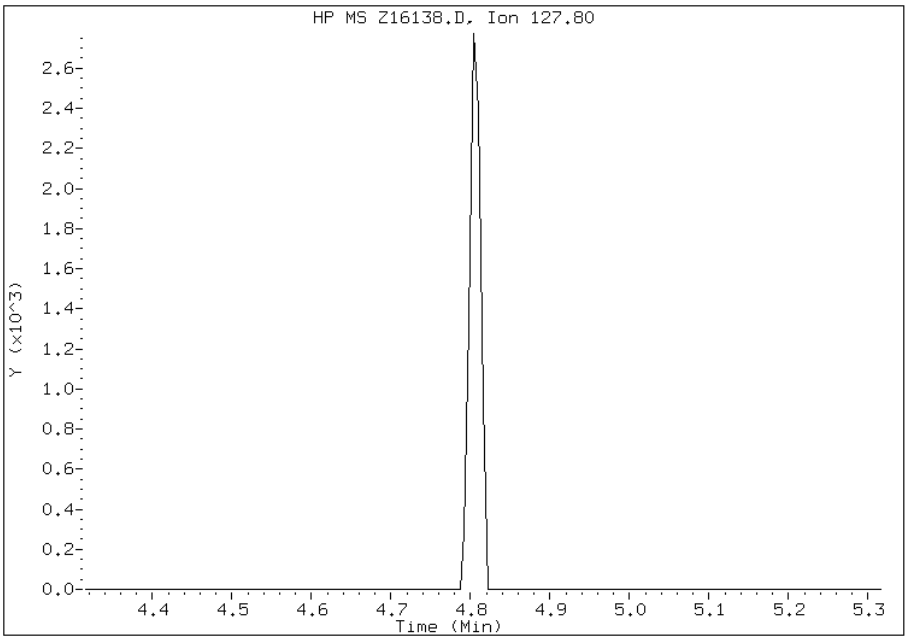
Manual Integration Report

Data File: Z16138.D
Inj. Date and Time: 05-MAY-2010 10:20
Instrument ID: msz.i
Client ID: IC-441751
Compound: 10 2-Chlorophenol
CAS #: 95-57-8
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 4.82



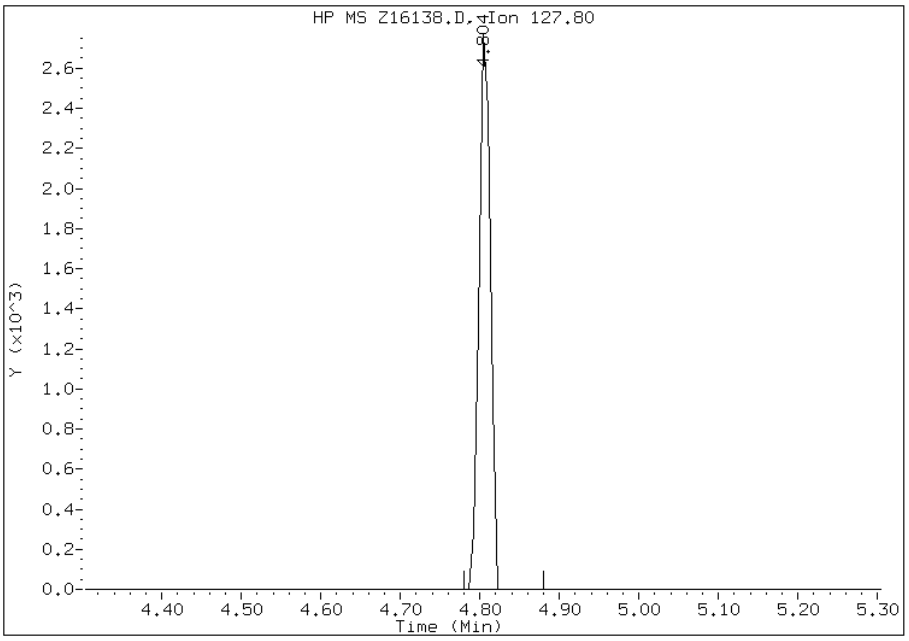
Manual Integration Results

RT: 4.80

Response: 2721

Amount: 0

Conc: 0



Manually Integrated By: stephan
Manual Integration Reason:

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16139.D
Lab Smp Id: IC-441752 Client Smp ID: IC-441752
Inj Date : 05-MAY-2010 10:49
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-441752;10/25
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 05-May-2010 12:36 msz.i Quant Type: ISTD
Cal Date : 05-MAY-2010 10:20 Cal File: Z16138.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	5.033	5.033	(1.000)	10097	20.0000	
$ 2	2-Fluorophenol	112	3.586	3.586	(0.713)	5532	10.0000	11
$ 3	Phenol-d5	99	4.680	4.680	(0.930)	7779	10.0000	10
4	Pyridine	52	1.757	1.757	(0.349)	1430	10.0000	13
5	N-Nitrosodimethylamine	42	1.739	1.739	(0.346)	1166	10.0000	10(M)
6	Cyclohexanone	42	3.816	3.816	(0.758)	3255	10.0000	10
128	Benzaldehyde	77	4.551	4.551	(0.904)	5229	10.0000	10
7	Phenol	94	4.698	4.698	(0.933)	9272	10.0000	10
8	Aniline	93	4.680	4.680	(0.930)	10162	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.774	4.774	(0.949)	5190	10.0000	10
10	2-Chlorophenol	128	4.804	4.804	(0.954)	6916	10.0000	10
11	1,3-Dichlorobenzene	146	4.968	4.968	(0.987)	8012	10.0000	10(M)
12	1,4-Dichlorobenzene	146	5.051	5.051	(1.004)	8103	10.0000	10
13	Benzyl alcohol	108	5.204	5.204	(1.034)	4316	10.0000	10
14	1,2-Dichlorobenzene	146	5.215	5.215	(1.036)	7901	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.363	5.363	(1.065)	10600	10.0000	10
16	2-Methylphenol	108	5.345	5.345	(1.062)	6869	10.0000	10
92	Acetophenone	105	5.480	5.480	(1.089)	10520	10.0000	10
17	Hexachloroethane	117	5.580	5.580	(1.109)	3424	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.498	5.498	(1.092)	5135	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.510	5.510	(1.095)	7219	10.0000	10
*	20 Naphthalene-d8	136	6.404	6.404	(1.000)	45433	20.0000	
$	21 Nitrobenzene-d5	82	5.633	5.633	(0.880)	8008	10.0000	10
	22 Nitrobenzene	77	5.657	5.657	(0.883)	8300	10.0000	10
	23 Isophorone	82	5.921	5.921	(0.925)	13993	10.0000	10
	24 2-Nitrophenol	139	6.004	6.004	(0.938)	4273	10.0000	11
	25 2,4-Dimethylphenol	122	6.080	6.080	(0.949)	6655	10.0000	10
	26 Benzoic Acid	122	6.215	6.215	(0.971)	8645	25.0000	45
	27 Bis(2-Chloroethoxy)methane	93	6.174	6.174	(0.964)	9207	10.0000	10
	28 2,4-Dichlorophenol	162	6.268	6.268	(0.979)	6240	10.0000	11
	29 1,2,4-Trichlorobenzene	180	6.351	6.351	(0.992)	7334	10.0000	10
	30 Naphthalene	128	6.427	6.427	(1.004)	24853	10.0000	10
	31 4-Chloroaniline	127	6.498	6.498	(1.015)	9832	10.0000	10
	32 Hexachlorobutadiene	225	6.586	6.586	(1.028)	4672	10.0000	10
	129 Caprolactam	113	6.862	6.862	(1.072)	1707	10.0000	14
	33 4-Chloro-3-methylphenol	107	7.033	7.033	(1.098)	7063	10.0000	10
	34 2-Methylnaphthalene	142	7.174	7.174	(1.120)	16635	10.0000	10
*	35 Acenaphthene-d10	164	8.286	8.286	(1.000)	27191	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.139	7.139	(1.418)	7291	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.356	7.356	(0.888)	3588	10.0000	13
	38 2,4,6-Trichlorophenol	196	7.486	7.486	(0.903)	4899	10.0000	11
	39 2,4,5-Trichlorophenol	196	7.521	7.521	(0.908)	11998	25.0000	25
$	40 2-Fluorobiphenyl	172	7.580	7.580	(0.915)	18369	10.0000	10
	130 1,1'-Biphenyl	154	7.680	7.680	(0.927)	20717	10.0000	9
	41 2-Chloronaphthalene	162	7.692	7.692	(0.928)	15407	10.0000	10
	42 2-Nitroaniline	65	7.804	7.804	(0.942)	4778	10.0000	11
	43 Acenaphthylene	152	8.133	8.133	(0.982)	28133	10.0000	10
	44 Dimethylphthalate	163	8.015	8.015	(0.967)	15845	10.0000	10(M)
	45 2,6-Dinitrotoluene	165	8.068	8.068	(0.974)	3749	10.0000	11(M)
	46 Acenaphthene	153	8.321	8.321	(1.004)	17275	10.0000	10
	47 3-Nitroaniline	138	8.245	8.245	(0.995)	4595	10.0000	11
	48 2,4-Dinitrophenol	184	8.351	8.351	(1.008)	3409	25.0000	58
	49 Dibenzofuran	168	8.503	8.503	(1.026)	24543	10.0000	10
	50 2,4-Dinitrotoluene	165	8.498	8.498	(1.026)	5102	10.0000	11
	51 4-Nitrophenol	109	8.439	8.439	(1.018)	5203	25.0000	31
	52 Fluorene	166	8.874	8.874	(1.071)	18528	10.0000	9
	53 4-Chlorophenyl-phenylether	204	8.880	8.880	(1.072)	8484	10.0000	10
	54 Diethylphthalate	149	8.774	8.774	(1.059)	16779	10.0000	11
	55 4-Nitroaniline	138	8.892	8.892	(1.073)	4343	10.0000	11
$	56 2,4,6-Tribromophenol	330	9.127	9.127	(1.102)	6185	25.0000	27
*	57 Phenanthrene-d10	188	9.868	9.868	(1.000)	43535	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.927	8.927	(0.905)	5797	25.0000	38
	59 N-Nitrosodiphenylamine (1)	169	9.003	9.003	(0.912)	12417	10.0000	10
	60 1,2-Diphenylhydrazine	77	9.045	9.045	(0.917)	19294	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.398	9.398	(0.952)	4377	10.0000	10
	131 Atrazine	200	9.586	9.586	(0.971)	3251	10.0000	12(M)
	62 Hexachlorobenzene	284	9.468	9.468	(0.959)	5417	10.0000	10
	63 Pentachlorophenol	266	9.674	9.674	(0.980)	6863	25.0000	32
	64 Phenanthrene	178	9.892	9.892	(1.002)	24418	10.0000	10
	65 Carbazole	167	10.121	10.121	(1.026)	22165	10.0000	10
	66 Anthracene	178	9.945	9.945	(1.008)	24622	10.0000	10
	67 Di-n-butylphthalate	149	10.515	10.515	(1.066)	19246	10.0000	13
	68 Fluoranthene	202	11.162	11.162	(1.131)	21317	10.0000	11
*	70 Chrysene-d12	240	12.821	12.821	(1.000)	16982	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.309	11.309	(0.882)	4618	10.0000	12
72	Pyrene	202	11.403	11.403	(0.889)	21773	10.0000	10
$ 73	Terphenyl-d14	244	11.574	11.574	(0.903)	8952	10.0000	11(M)
74	Butylbenzylphthalate	149	12.127	12.127	(0.946)	3965	10.0000	14
124	3,3'-Dimethylbenzidine	212	12.103	12.103	(0.944)	2584	10.0000	13(M)
75	3,3'-Dichlorobenzidine	252	12.780	12.780	(0.997)	1838	10.0000	16(M)
76	Benzo(a)anthracene	228	12.809	12.809	(0.999)	8526	10.0000	12
77	Chrysene	228	12.856	12.856	(1.003)	9169	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.868	12.868	(1.004)	4322	10.0000	16
* 79	Perylene-d12	264	15.144	15.144	(1.000)	10161	20.0000	
80	Di-n-octylphthalate	149	13.844	13.844	(0.914)	4277	10.0000	21(M)
81	Benzo(b)fluoranthene	252	14.462	14.462	(0.955)	4622	10.0000	13(M)
82	Benzo(k)fluoranthene	252	14.509	14.509	(0.958)	7203	10.0000	13(M)
83	Benzo(a)pyrene	252	15.038	15.038	(0.993)	4154	10.0000	16(M)
84	Indeno(1,2,3-cd)pyrene	276	17.250	17.250	(1.139)	3110	10.0000	20(M)
85	Dibenzo(a,h)anthracene	278	17.309	17.309	(1.143)	4300	10.0000	22(M)
86	Benzo(g,h,i)perylene	276	17.797	17.797	(1.175)	5351	10.0000	18(M)
167	Simazine	201	9.545	9.545	(0.967)	1981	10.0000	12

QC Flag Legend

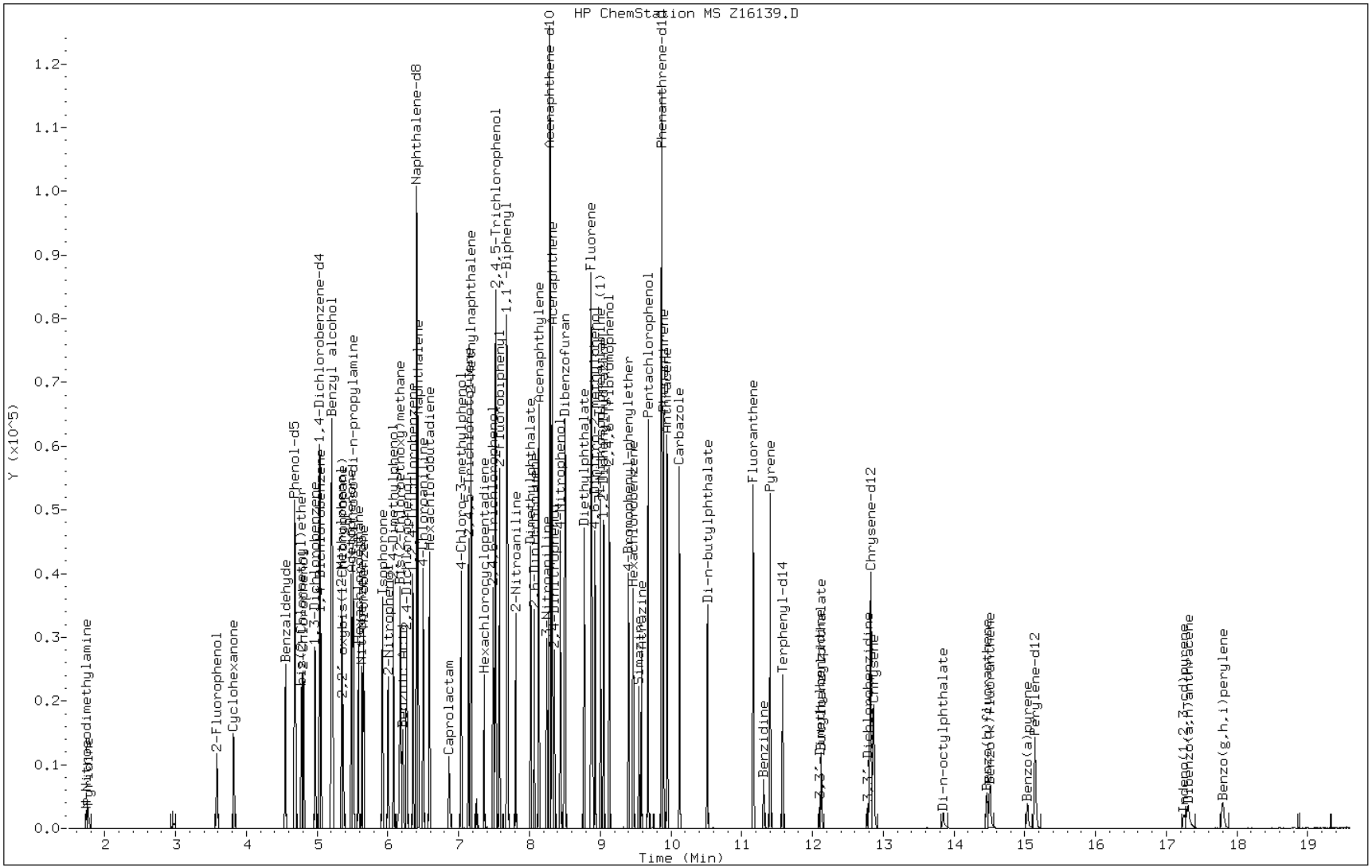
M - Compound response manually integrated.

Data File: Z16139.D

Date: 05-MAY-2010 10:49

Client ID: IC-441752 Instrument: msz.i

Sample Info: IC-441752;10/25 Operator: S.Jonas



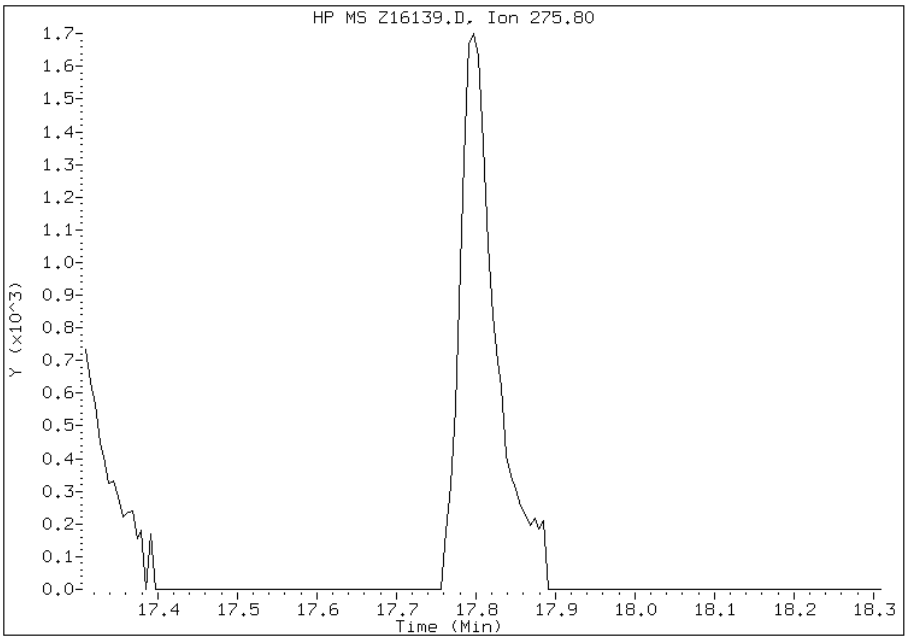
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.81



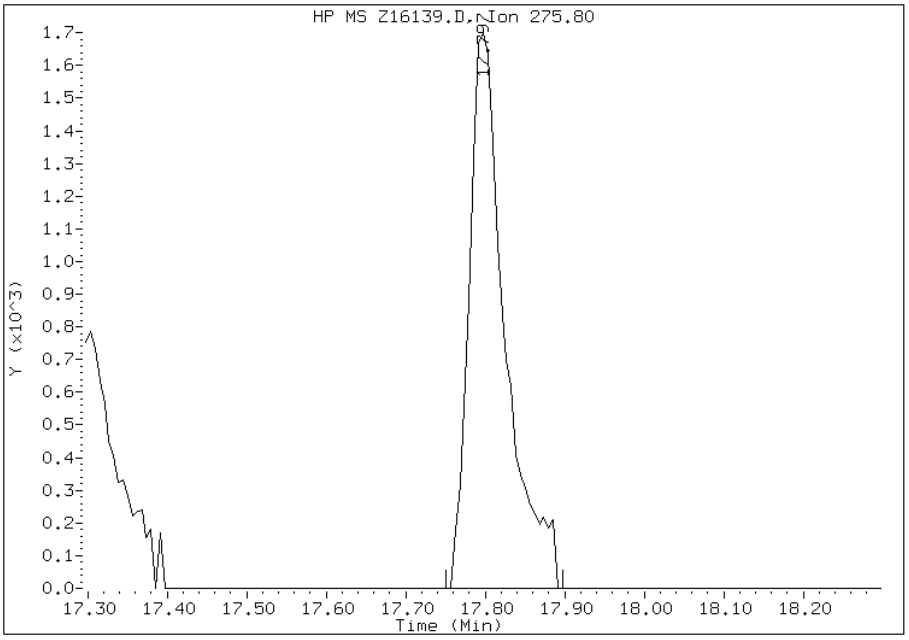
Manual Integration Results

RT: 17.80

Response: 5351

Amount: 18

Conc: 18



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

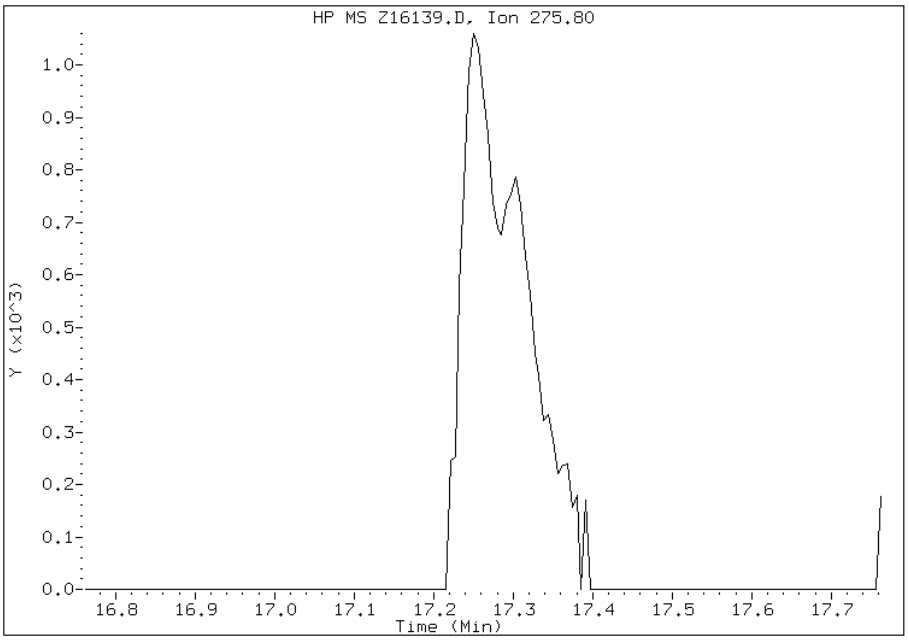
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.26



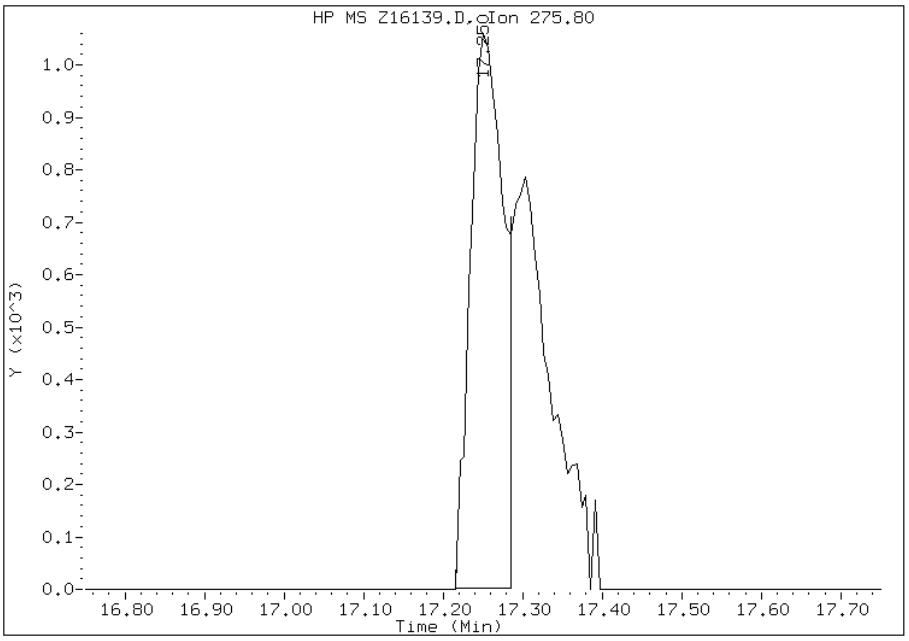
Manual Integration Results

RT: 17.25

Response: 3110

Amount: 20

Conc: 20



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

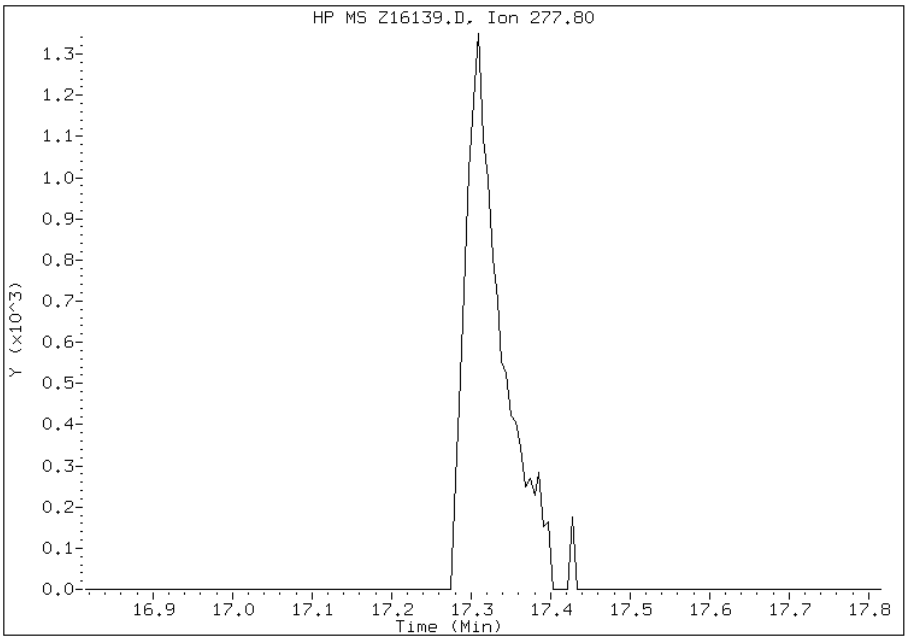
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 17.32



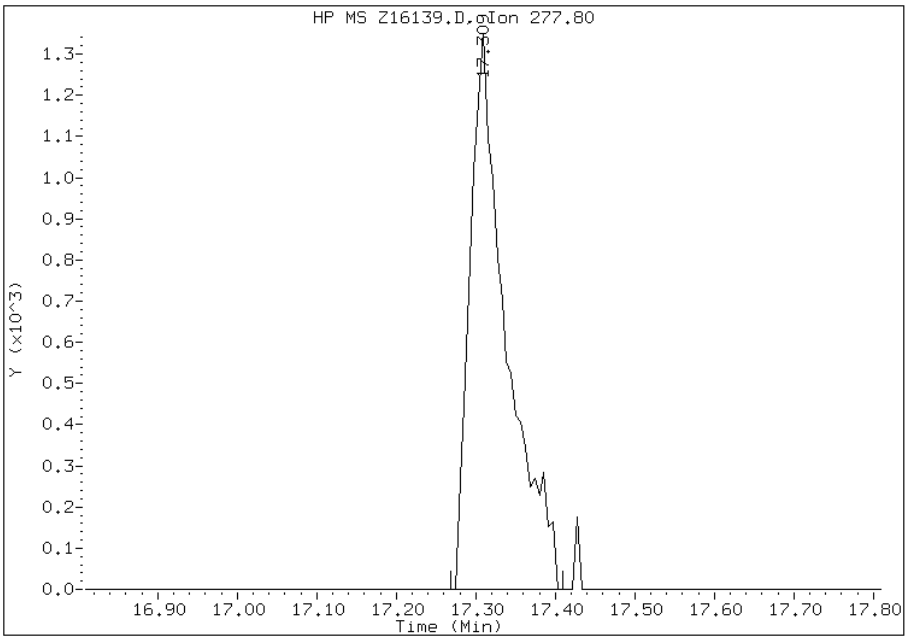
Manual Integration Results

RT: 17.31

Response: 4300

Amount: 22

Conc: 22



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

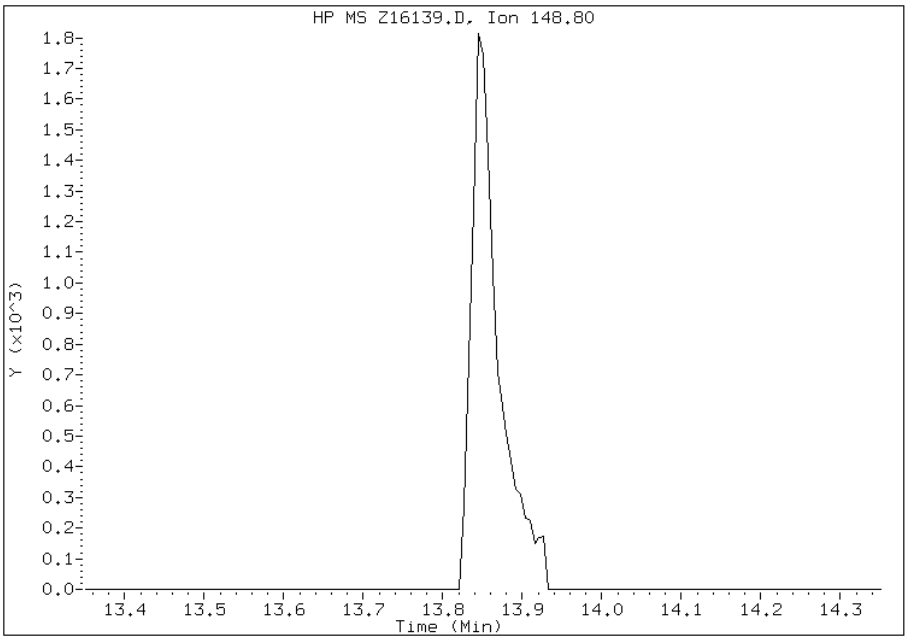
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



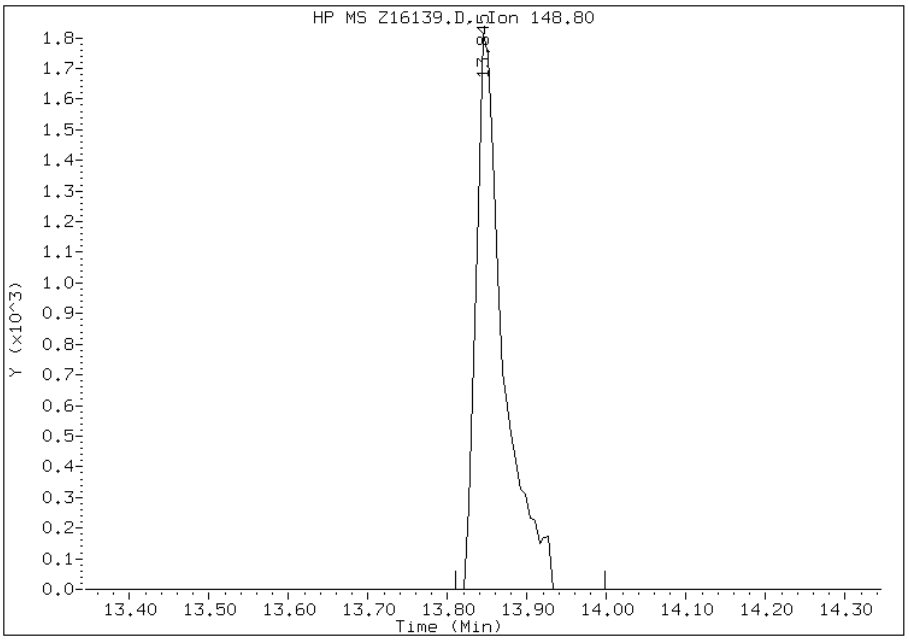
Manual Integration Results

RT: 13.84

Response: 4277

Amount: 21

Conc: 21



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

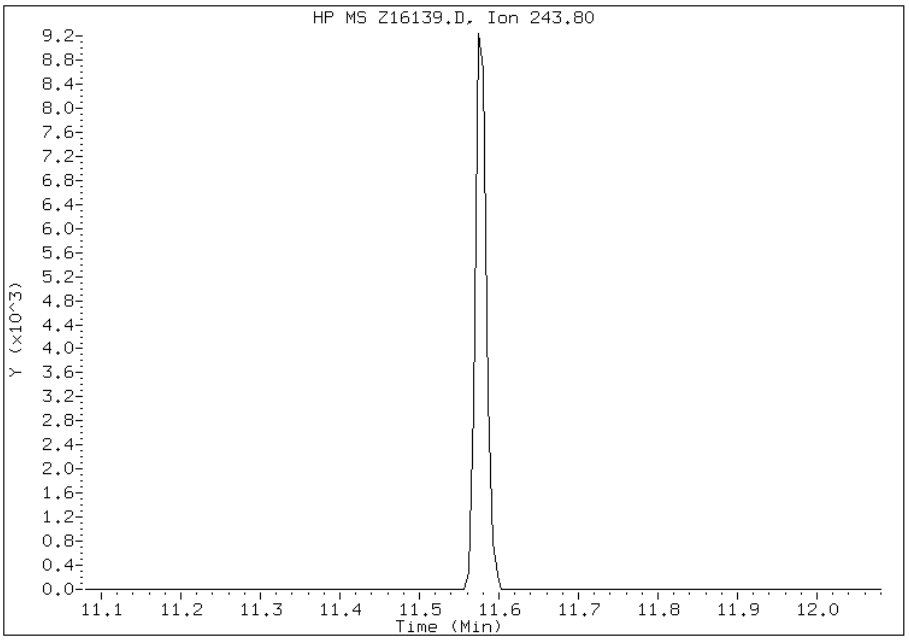
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 73 Terphenyl-d14
CAS #: 1718-51-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 11.58



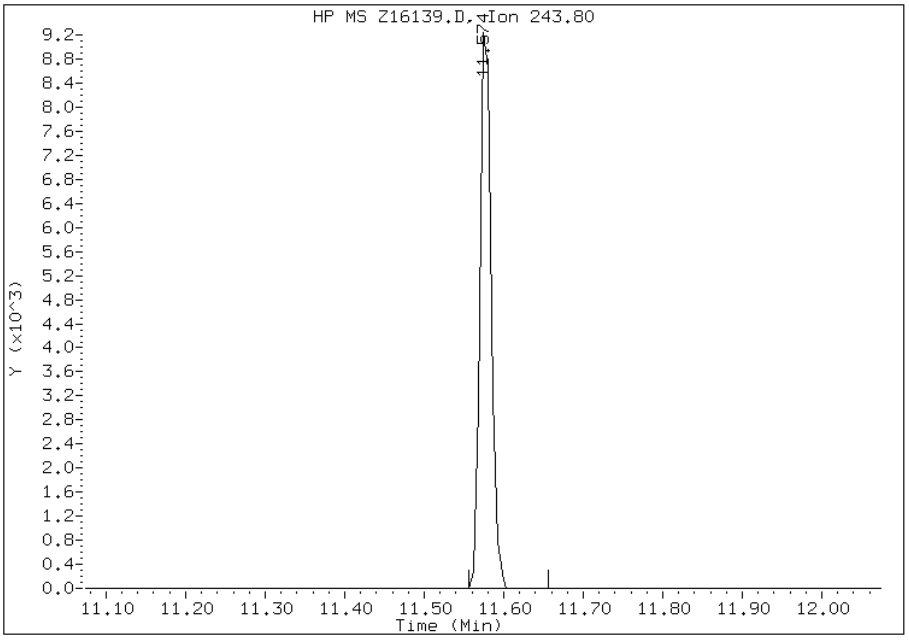
Manual Integration Results

RT: 11.57

Response: 8952

Amount: 11

Conc: 11



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

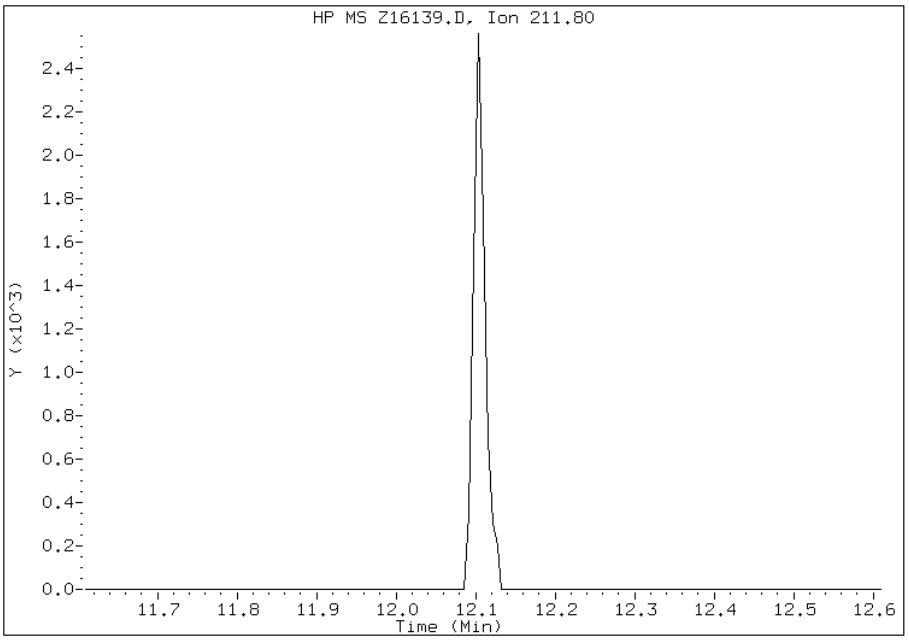
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.11



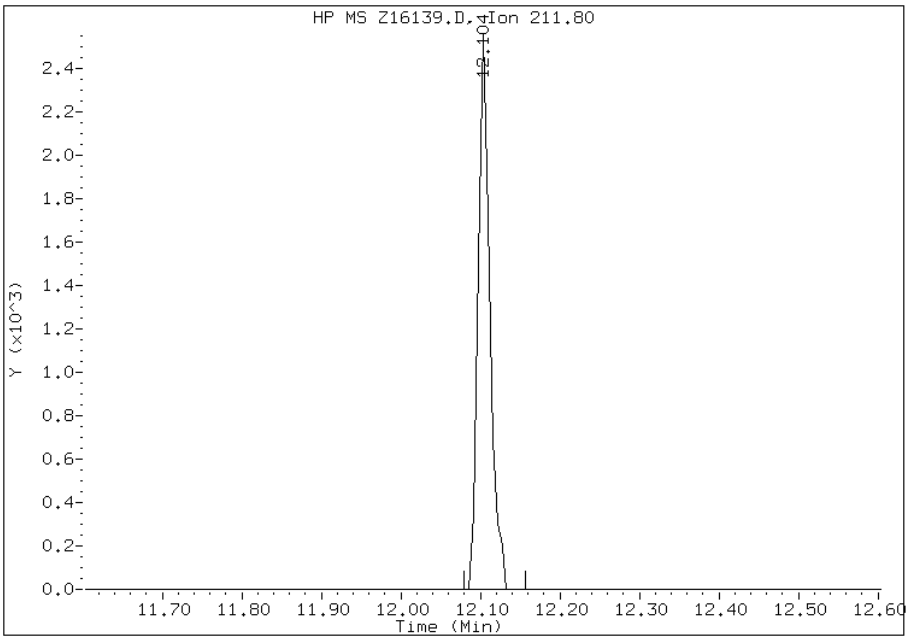
Manual Integration Results

RT: 12.10

Response: 2584

Amount: 13

Conc: 13



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

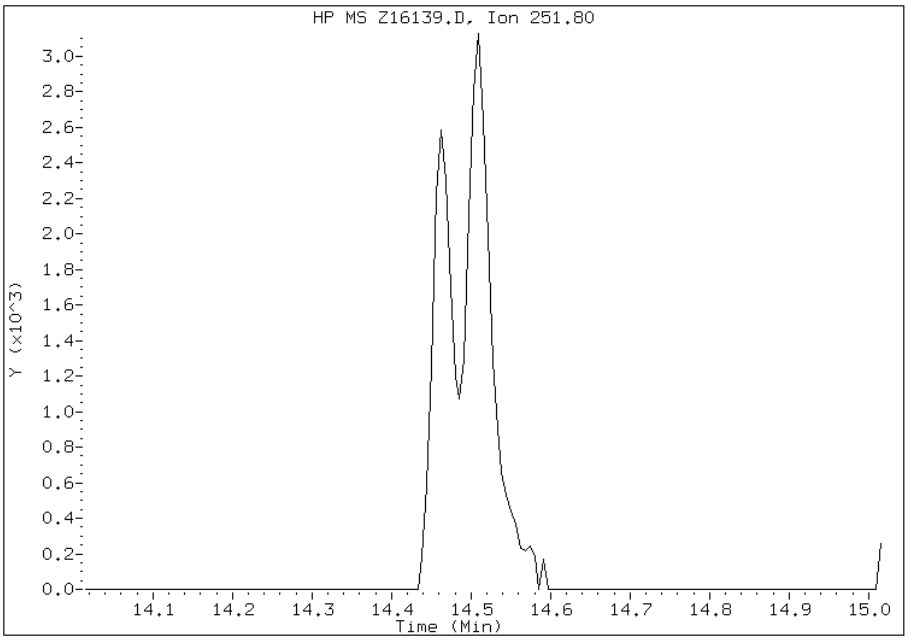
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 82 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 14.52



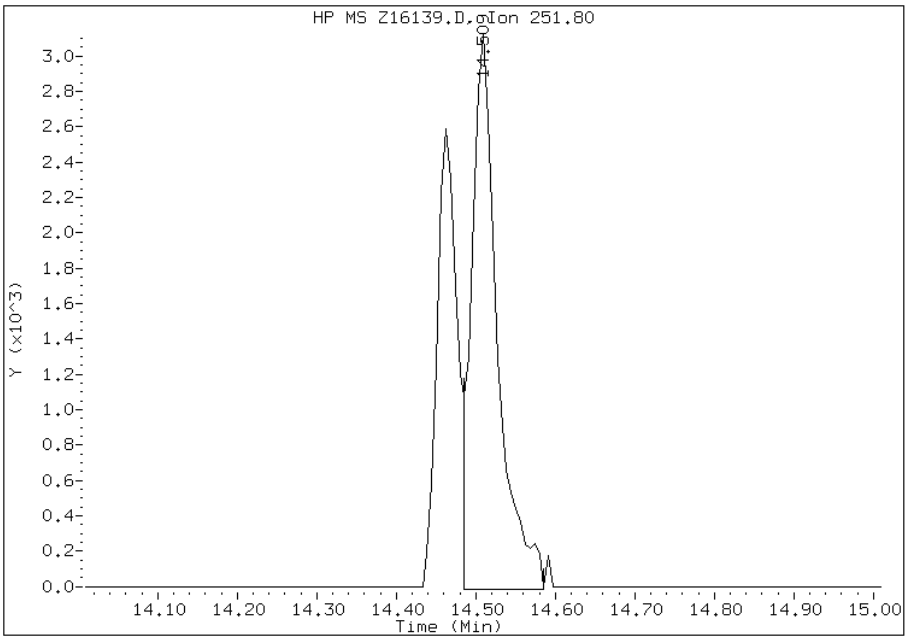
Manual Integration Results

RT: 14.51

Response: 7203

Amount: 13

Conc: 13



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

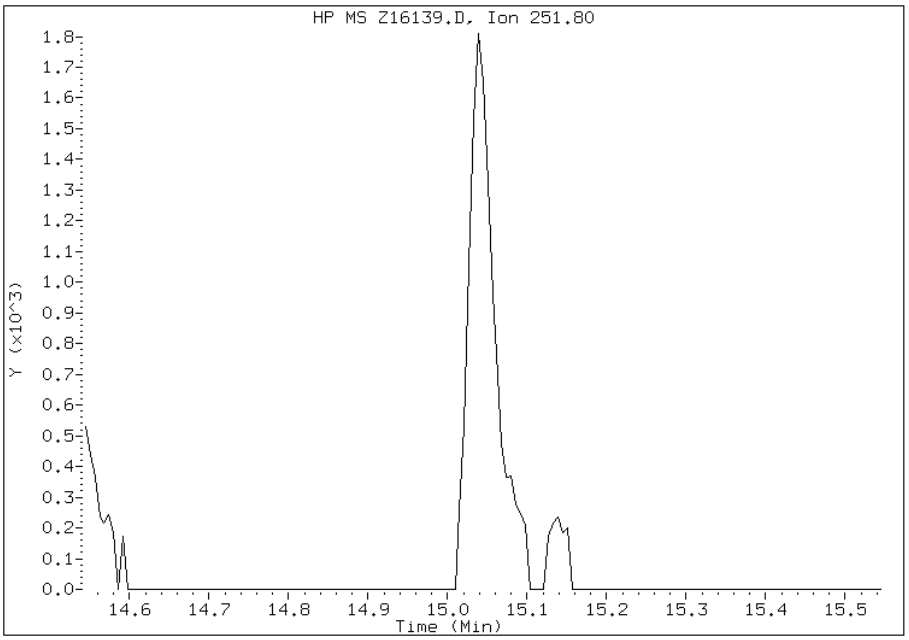
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 83 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 15.04



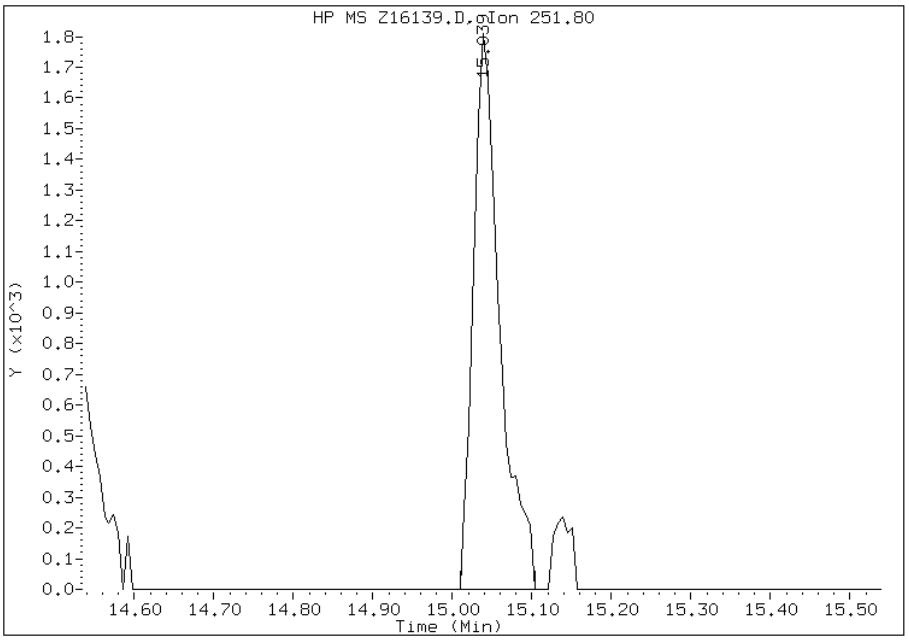
Manual Integration Results

RT: 15.04

Response: 4154

Amount: 16

Conc: 16



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

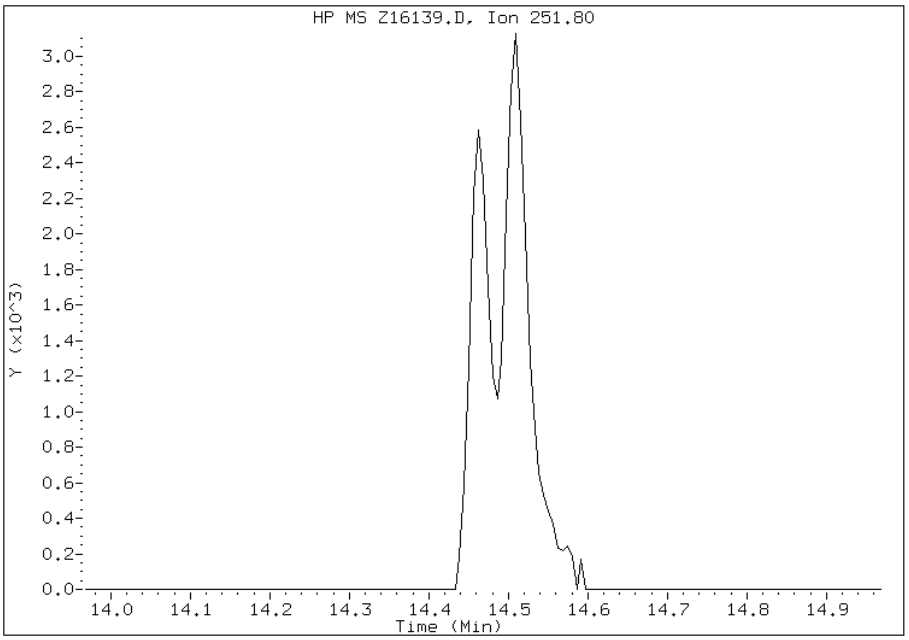
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 81 Benzo(b)fluoranthene
CAS #: 205-99-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 14.47



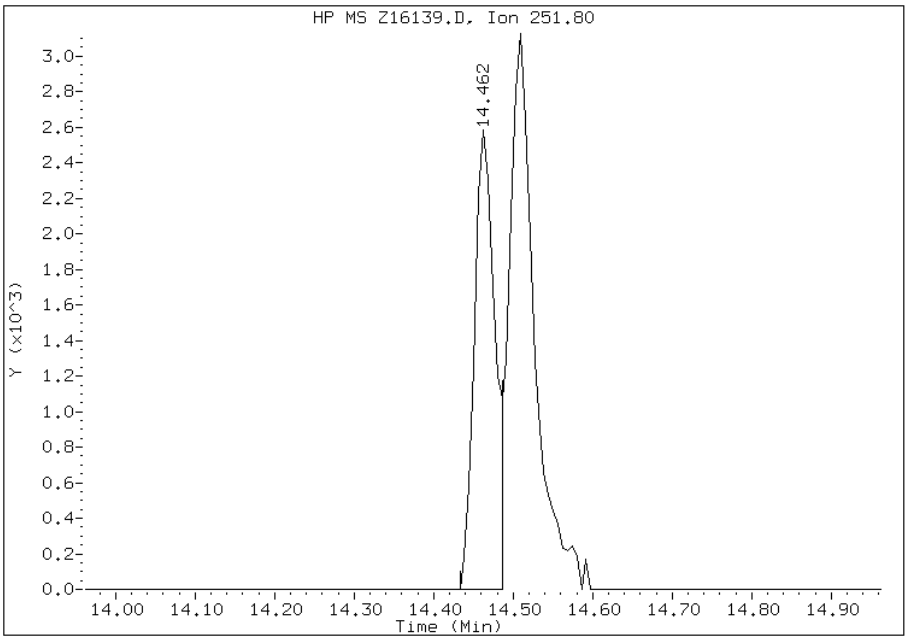
Manual Integration Results

RT: 14.46

Response: 4622

Amount: 13

Conc: 13



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

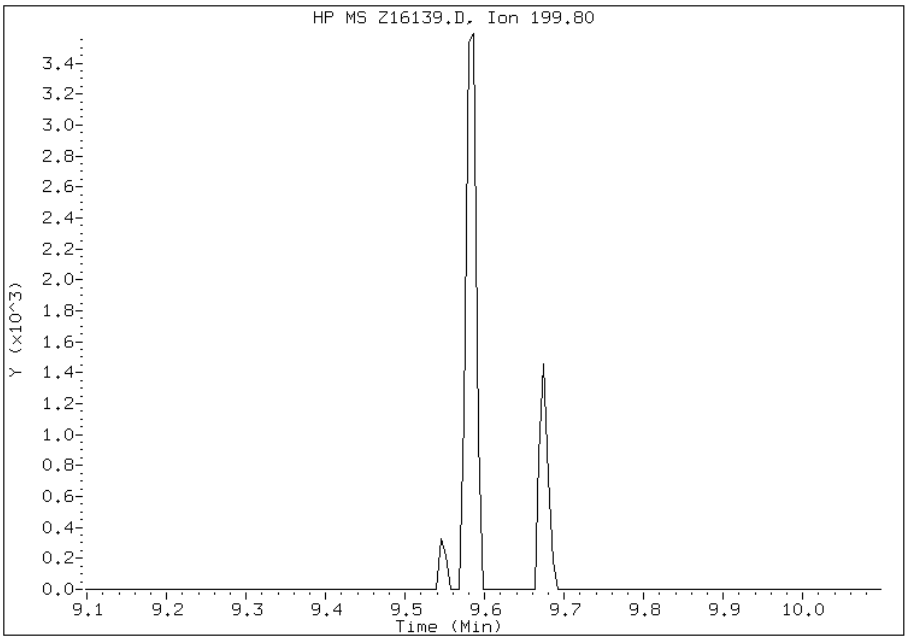
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 131 Atrazine
CAS #: 1912-24-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 9.60



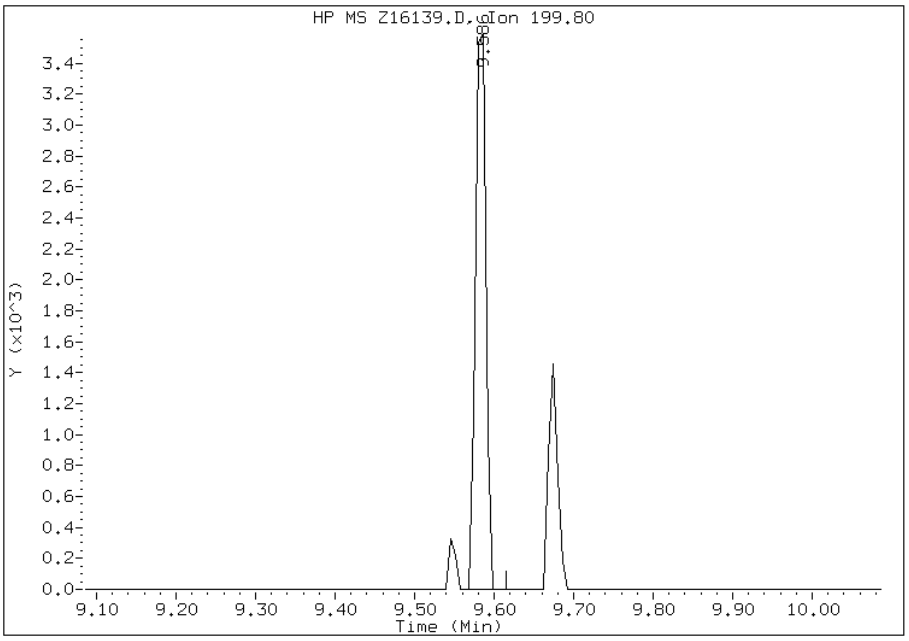
Manual Integration Results

RT: 9.59

Response: 3251

Amount: 12

Conc: 12



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 11 1,3-Dichlorobenzene
CAS #: 541-73-1
Report Date: 05/11/2010

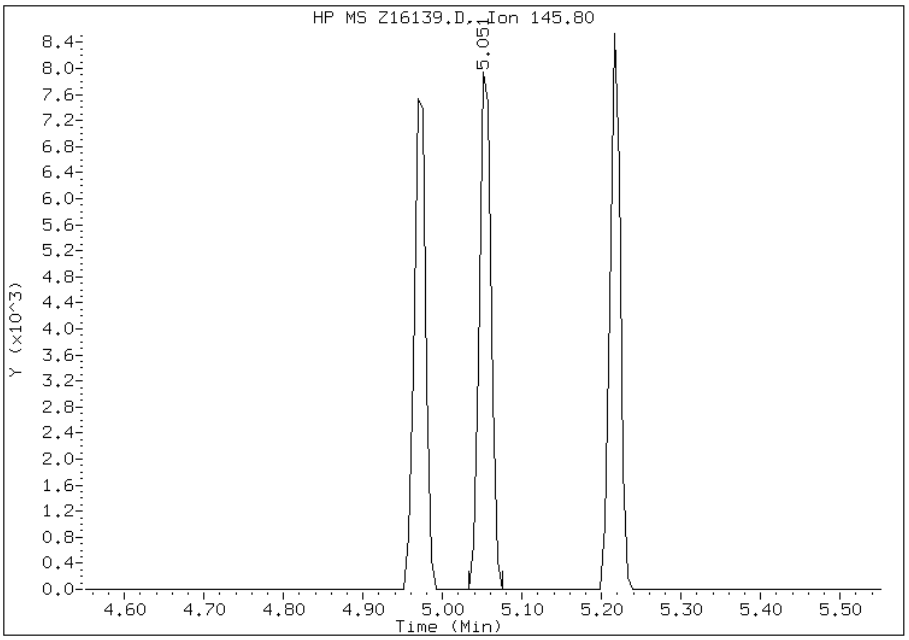
Processing Integration Results

RT: 5.05

Response: 8103

Amount: 10

Conc: 10



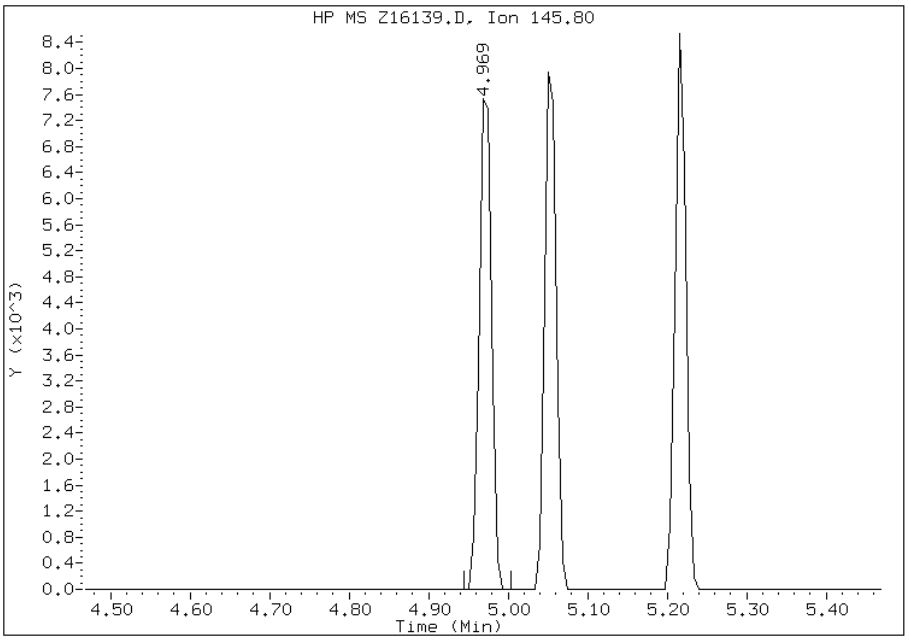
Manual Integration Results

RT: 4.97

Response: 8012

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

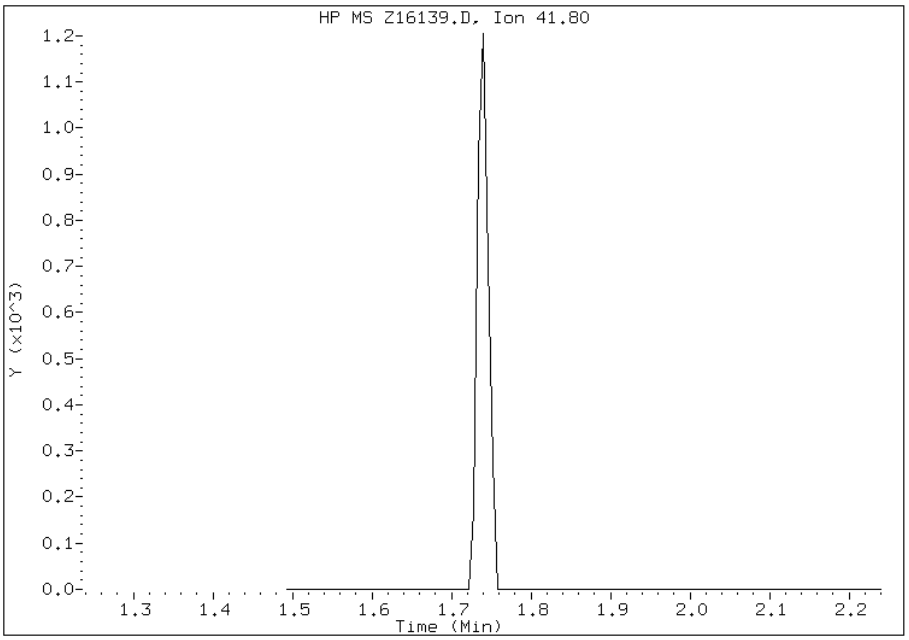
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 1.74



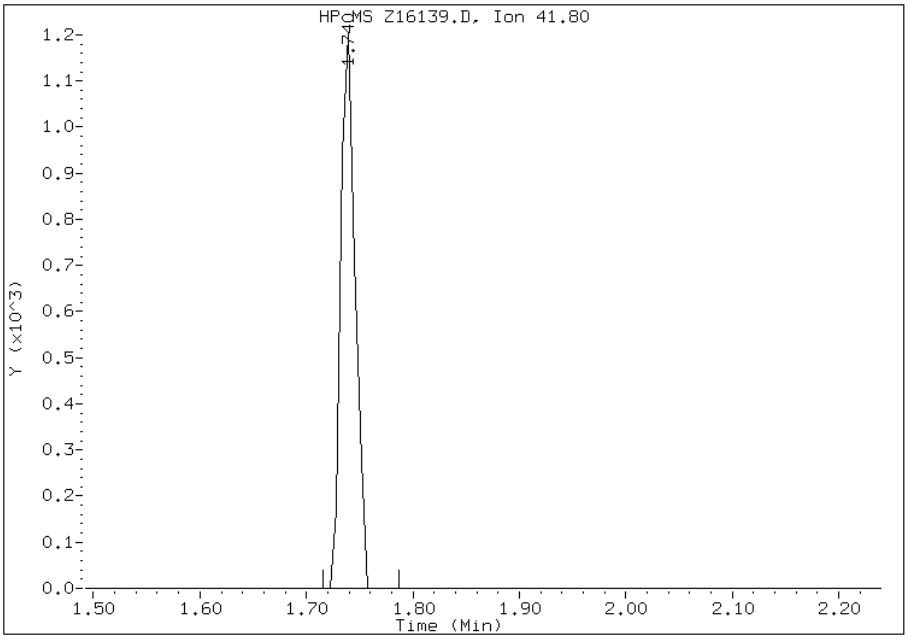
Manual Integration Results

RT: 1.74

Response: 1166

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

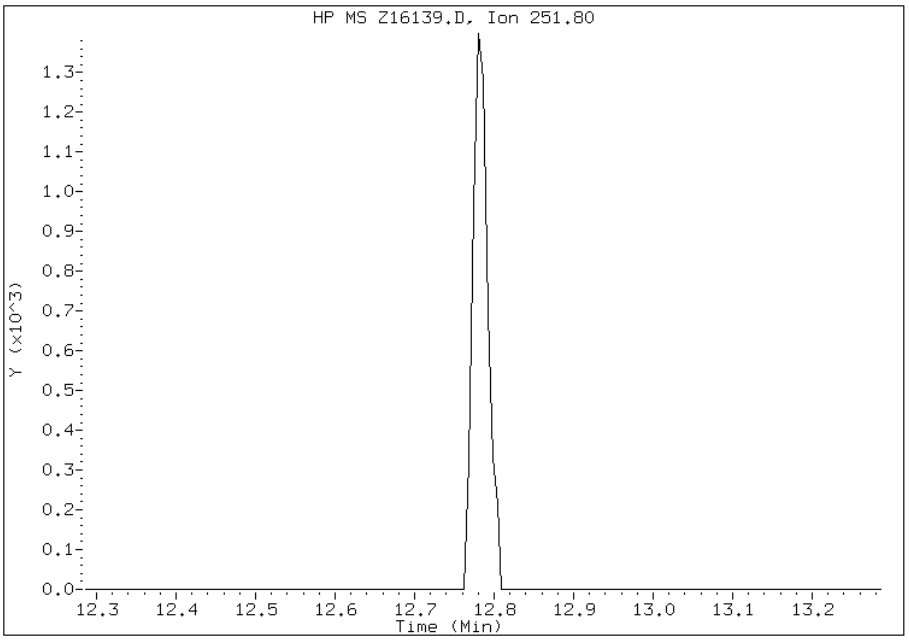
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 75 3,3'-Dichlorobenzidine
CAS #: 91-94-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.79



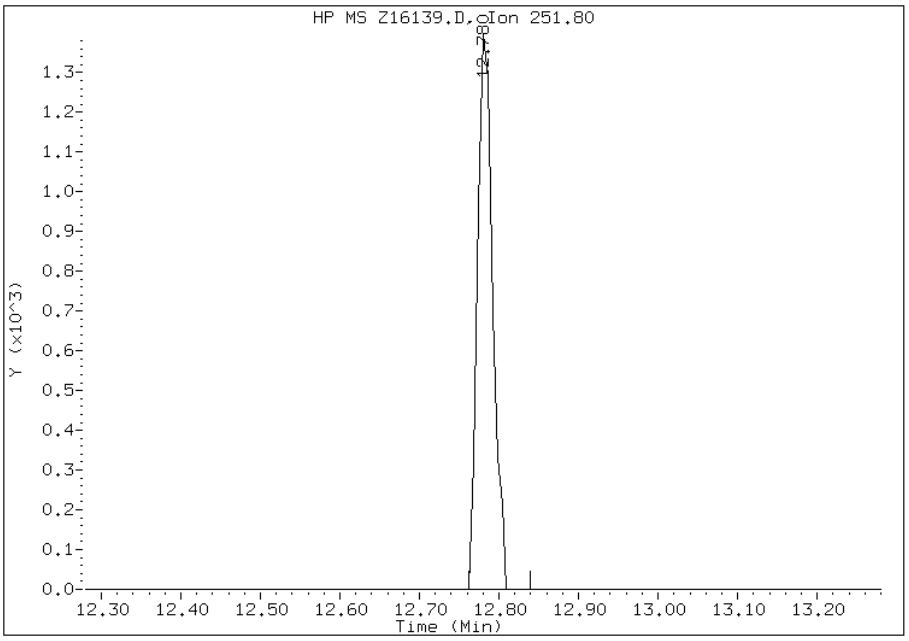
Manual Integration Results

RT: 12.78

Response: 1838

Amount: 16

Conc: 16



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

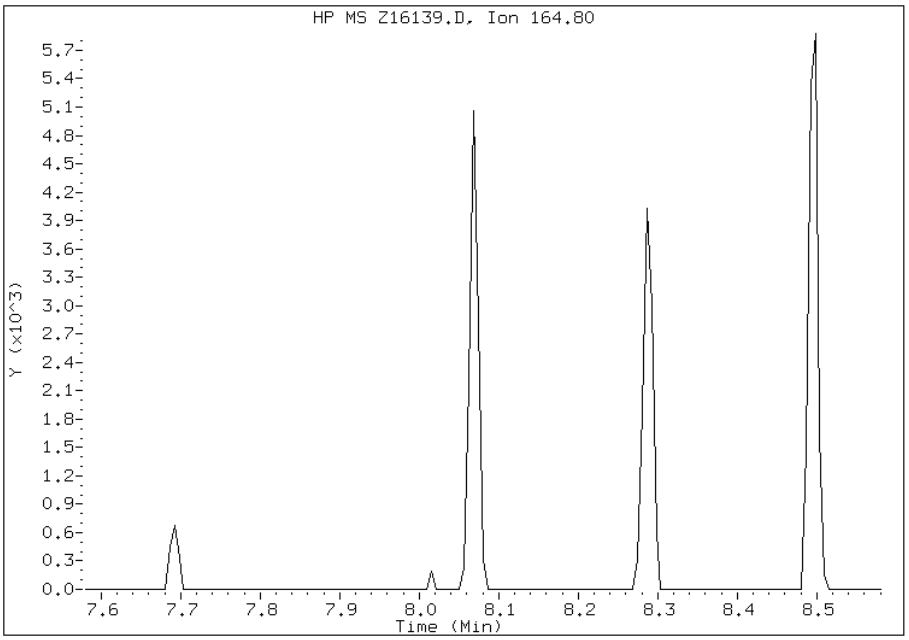
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 45 2,6-Dinitrotoluene
CAS #: 606-20-2
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.08



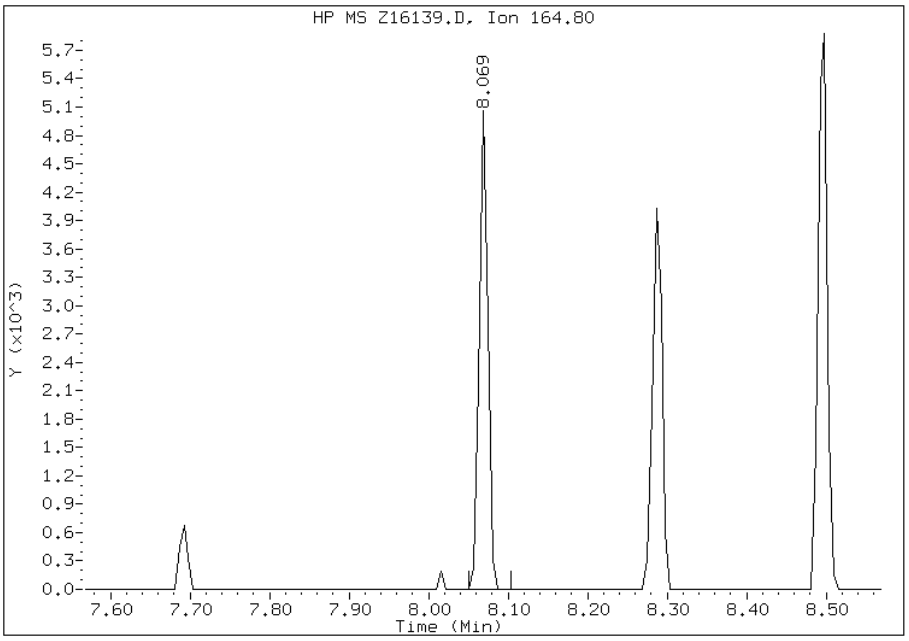
Manual Integration Results

RT: 8.07

Response: 3749

Amount: 11

Conc: 11



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

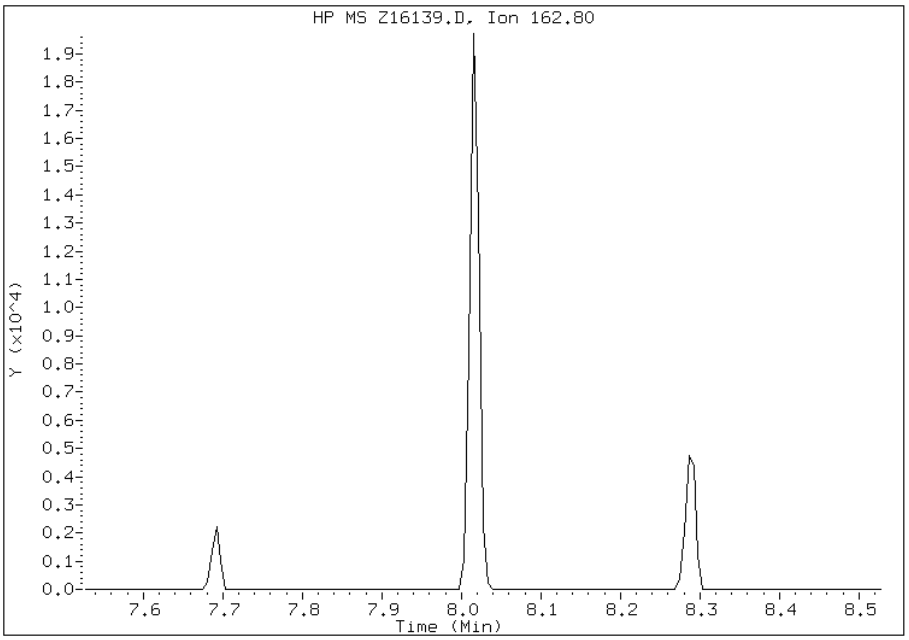
Manual Integration Report

Data File: Z16139.D
Inj. Date and Time: 05-MAY-2010 10:49
Instrument ID: msz.i
Client ID: IC-441752
Compound: 44 Dimethylphthalate
CAS #: 131-11-3
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 8.03



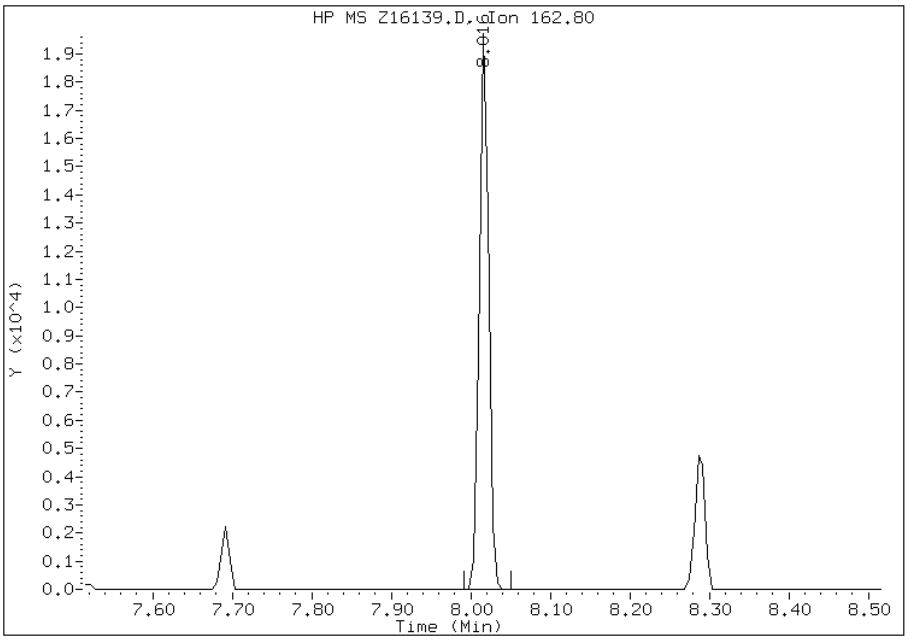
Manual Integration Results

RT: 8.02

Response: 15845

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16140.D
Lab Smp Id: IC-441753 Client Smp ID: IC-441753
Inj Date : 05-MAY-2010 11:17
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-441753;20/30
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 05-May-2010 12:36 msz.i Quant Type: ISTD
Cal Date : 05-MAY-2010 10:49 Cal File: Z16139.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	5.039	5.039	(1.000)	10068	20.0000	
$ 2	2-Fluorophenol	112	3.586	3.586	(0.712)	11221	20.0000	22
$ 3	Phenol-d5	99	4.686	4.686	(0.930)	15175	20.0000	19
4	Pyridine	52	1.751	1.751	(0.348)	2898	20.0000	23
5	N-Nitrosodimethylamine	42	1.733	1.733	(0.344)	2348	20.0000	20(M)
6	Cyclohexanone	42	3.816	3.816	(0.757)	6270	20.0000	20
128	Benzaldehyde	77	4.551	4.551	(0.903)	9290	20.0000	18
7	Phenol	94	4.704	4.704	(0.933)	17995	20.0000	20
8	Aniline	93	4.686	4.686	(0.930)	19588	20.0000	19
9	bis(2-Chloroethyl)ether	63	4.774	4.774	(0.947)	9941	20.0000	19
10	2-Chlorophenol	128	4.810	4.810	(0.954)	13718	20.0000	20
11	1,3-Dichlorobenzene	146	4.974	4.974	(0.987)	15552	20.0000	20(H)
12	1,4-Dichlorobenzene	146	5.057	5.057	(1.004)	15867	20.0000	19
13	Benzyl alcohol	108	5.210	5.210	(1.034)	8328	20.0000	20
14	1,2-Dichlorobenzene	146	5.221	5.221	(1.036)	14850	20.0000	19
15	2,2'-oxybis(1-Chloropropane)	45	5.368	5.368	(1.065)	20208	20.0000	19
16	2-Methylphenol	108	5.351	5.351	(1.062)	13236	20.0000	20
92	Acetophenone	105	5.486	5.486	(1.089)	20715	20.0000	20
17	Hexachloroethane	117	5.580	5.580	(1.107)	6803	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.504	5.504	(1.092)	10211	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.515	5.515	(1.095)	13900	20.0000	20
*	20 Naphthalene-d8	136	6.409	6.409	(1.000)	46575	20.0000	
$	21 Nitrobenzene-d5	82	5.639	5.639	(0.880)	16284	20.0000	20
	22 Nitrobenzene	77	5.662	5.662	(0.883)	16252	20.0000	19
	23 Isophorone	82	5.927	5.927	(0.925)	28262	20.0000	20
	24 2-Nitrophenol	139	6.004	6.004	(0.937)	8701	20.0000	21
	25 2,4-Dimethylphenol	122	6.080	6.080	(0.949)	13190	20.0000	20
	26 Benzoic Acid	122	6.227	6.227	(0.972)	11526	30.0000	42
	27 Bis(2-Chloroethoxy)methane	93	6.180	6.180	(0.964)	18211	20.0000	19
	28 2,4-Dichlorophenol	162	6.268	6.268	(0.978)	12888	20.0000	21
	29 1,2,4-Trichlorobenzene	180	6.357	6.357	(0.992)	14151	20.0000	19
	30 Naphthalene	128	6.433	6.433	(1.004)	47063	20.0000	18
	31 4-Chloroaniline	127	6.504	6.504	(1.015)	19398	20.0000	20
	32 Hexachlorobutadiene	225	6.586	6.586	(1.028)	9125	20.0000	19
	129 Caprolactam	113	6.886	6.886	(1.074)	3896	20.0000	26
	33 4-Chloro-3-methylphenol	107	7.039	7.039	(1.098)	14441	20.0000	20
	34 2-Methylnaphthalene	142	7.180	7.180	(1.120)	31863	20.0000	18
*	35 Acenaphthene-d10	164	8.292	8.292	(1.000)	28326	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.139	7.139	(1.417)	14240	20.0000	19
	37 Hexachlorocyclopentadiene	237	7.362	7.362	(0.888)	8178	20.0000	25
	38 2,4,6-Trichlorophenol	196	7.486	7.486	(0.903)	9694	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.527	7.527	(0.908)	14913	30.0000	30
$	40 2-Fluorobiphenyl	172	7.580	7.580	(0.914)	35520	20.0000	18
	130 1,1'-Biphenyl	154	7.680	7.680	(0.926)	39454	20.0000	18
	41 2-Chloronaphthalene	162	7.698	7.698	(0.928)	29656	20.0000	18
	42 2-Nitroaniline	65	7.809	7.809	(0.942)	10075	20.0000	21
	43 Acenaphthylene	152	8.133	8.133	(0.981)	54564	20.0000	19
	44 Dimethylphthalate	163	8.021	8.021	(0.967)	32500	20.0000	20
	45 2,6-Dinitrotoluene	165	8.074	8.074	(0.974)	7965	20.0000	21
	46 Acenaphthene	153	8.327	8.327	(1.004)	33702	20.0000	18
	47 3-Nitroaniline	138	8.251	8.251	(0.995)	9698	20.0000	22
	48 2,4-Dinitrophenol	184	8.356	8.356	(1.008)	4773	30.0000	47
	49 Dibenzofuran	168	8.509	8.509	(1.026)	47679	20.0000	18
	50 2,4-Dinitrotoluene	165	8.498	8.498	(1.025)	10325	20.0000	20
	51 4-Nitrophenol	109	8.439	8.439	(1.018)	6777	30.0000	35
	52 Fluorene	166	8.874	8.874	(1.070)	35593	20.0000	18
	53 4-Chlorophenyl-phenylether	204	8.886	8.886	(1.072)	16382	20.0000	18
	54 Diethylphthalate	149	8.780	8.780	(1.059)	34340	20.0000	20
	55 4-Nitroaniline	138	8.898	8.898	(1.073)	8996	20.0000	21
$	56 2,4,6-Tribromophenol	330	9.133	9.133	(1.101)	7902	30.0000	32
*	57 Phenanthrene-d10	188	9.874	9.874	(1.000)	45666	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.933	8.933	(0.905)	7279	30.0000	36
	59 N-Nitrosodiphenylamine (1)	169	9.009	9.009	(0.912)	24785	20.0000	19
	60 1,2-Diphenylhydrazine	77	9.050	9.050	(0.917)	39899	20.0000	19
	61 4-Bromophenyl-phenylether	248	9.403	9.403	(0.952)	8813	20.0000	19
	131 Atrazine	200	9.586	9.586	(0.971)	7067	20.0000	22
	62 Hexachlorobenzene	284	9.468	9.468	(0.959)	10888	20.0000	19
	63 Pentachlorophenol	266	9.680	9.680	(0.980)	8838	30.0000	35
	64 Phenanthrene	178	9.897	9.897	(1.002)	47704	20.0000	18
	65 Carbazole	167	10.127	10.127	(1.026)	44264	20.0000	19
	66 Anthracene	178	9.950	9.950	(1.008)	48780	20.0000	19
	67 Di-n-butylphthalate	149	10.515	10.515	(1.065)	43292	20.0000	24
	68 Fluoranthene	202	11.168	11.168	(1.131)	44405	20.0000	21
*	70 Chrysene-d12	240	12.827	12.827	(1.000)	17452	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.309	11.309	(0.882)	9512	20.0000	22
72	Pyrene	202	11.403	11.403	(0.889)	44185	20.0000	20
$ 73	Terphenyl-d14	244	11.580	11.580	(0.903)	18648	20.0000	21
74	Butylbenzylphthalate	149	12.127	12.127	(0.945)	8617	20.0000	24
124	3,3'-Dimethylbenzidine	212	12.103	12.103	(0.944)	5237	20.0000	23(M)
75	3,3'-Dichlorobenzidine	252	12.786	12.786	(0.997)	4496	20.0000	29(M)
76	Benzo(a)anthracene	228	12.815	12.815	(0.999)	17906	20.0000	22
77	Chrysene	228	12.862	12.862	(1.003)	18120	20.0000	19
78	Bis(2-Ethylhexyl)phthalate	149	12.874	12.874	(1.004)	10733	20.0000	30
* 79	Perylene-d12	264	15.144	15.144	(1.000)	10467	20.0000	
80	Di-n-octylphthalate	149	13.850	13.850	(0.915)	12262	20.0000	38(M)
81	Benzo(b)fluoranthene	252	14.468	14.468	(0.955)	11385	20.0000	27
82	Benzo(k)fluoranthene	252	14.515	14.515	(0.958)	14551	20.0000	22
83	Benzo(a)pyrene	252	15.044	15.044	(0.993)	10478	20.0000	30
84	Indeno(1,2,3-cd)pyrene	276	17.256	17.256	(1.139)	8874	20.0000	37
85	Dibenzo(a,h)anthracene	278	17.315	17.315	(1.143)	10798	20.0000	34
86	Benzo(g,h,i)perylene	276	17.803	17.803	(1.176)	12603	20.0000	29
167	Simazine	201	9.556	9.556	(0.968)	4243	20.0000	22

QC Flag Legend

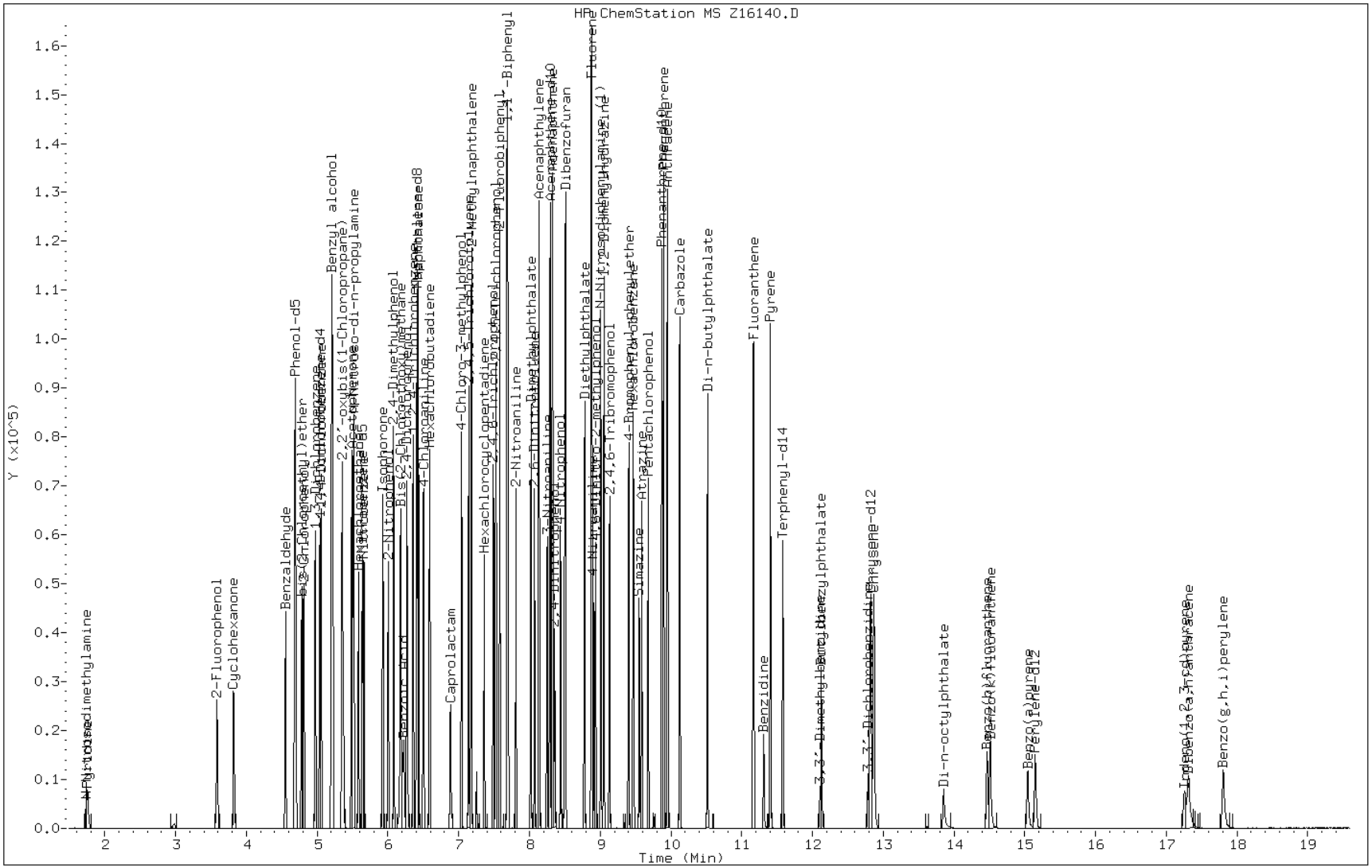
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z16140.D

Date: 05-MAY-2010 11:17

Client ID: IC-441753 Instrument: msz.i

Sample Info: IC-441753;20/30 Operator: S.Jonas



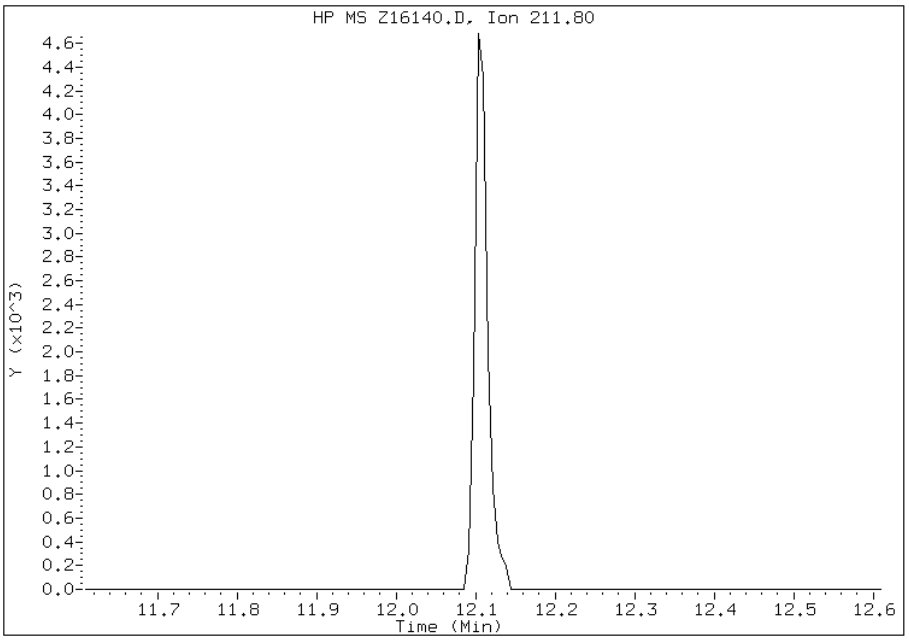
Manual Integration Report

Data File: Z16140.D
Inj. Date and Time: 05-MAY-2010 11:17
Instrument ID: msz.i
Client ID: IC-441753
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.11



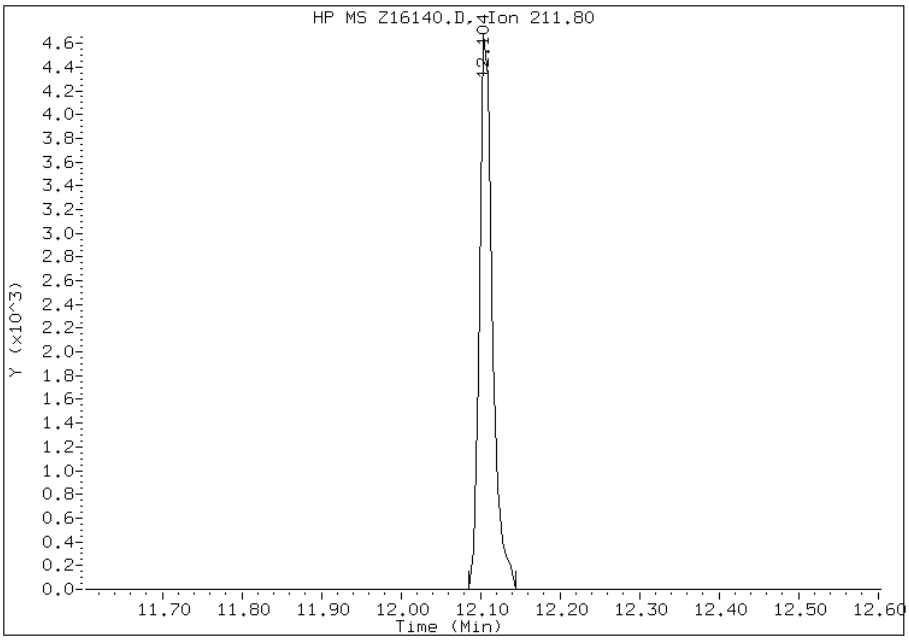
Manual Integration Results

RT: 12.10

Response: 5237

Amount: 23

Conc: 23



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

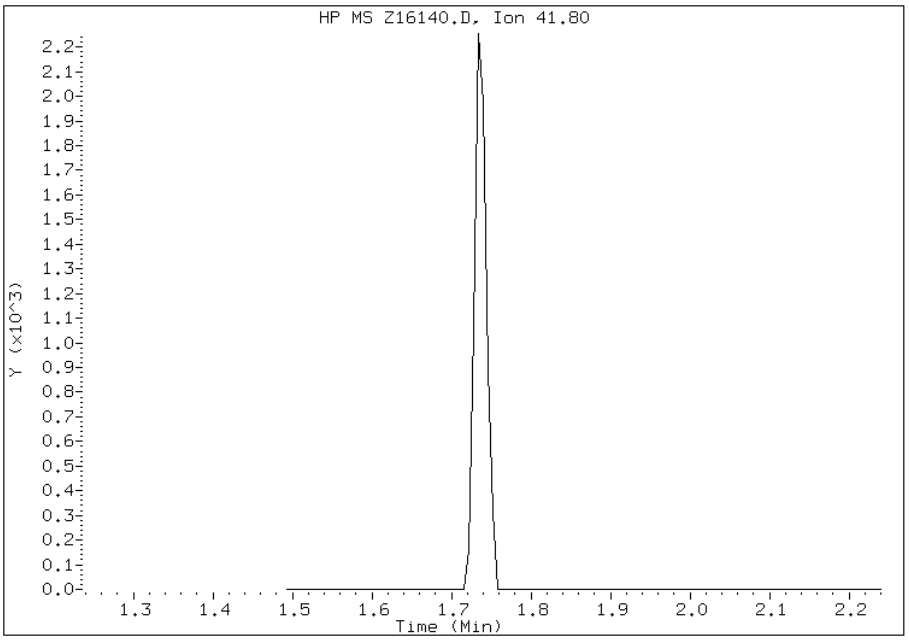
Manual Integration Report

Data File: Z16140.D
Inj. Date and Time: 05-MAY-2010 11:17
Instrument ID: msz.i
Client ID: IC-441753
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 1.74



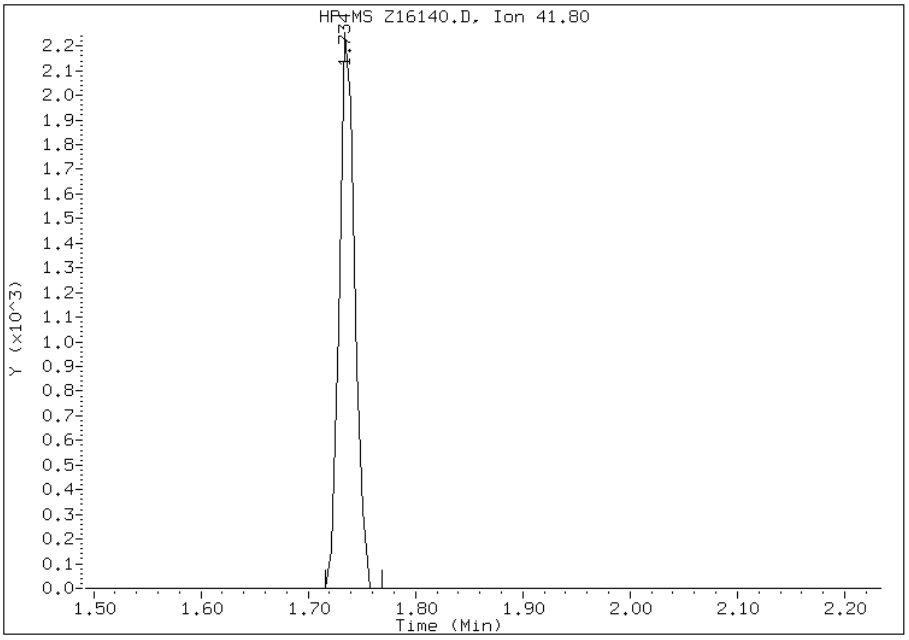
Manual Integration Results

RT: 1.73

Response: 2348

Amount: 20

Conc: 20



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

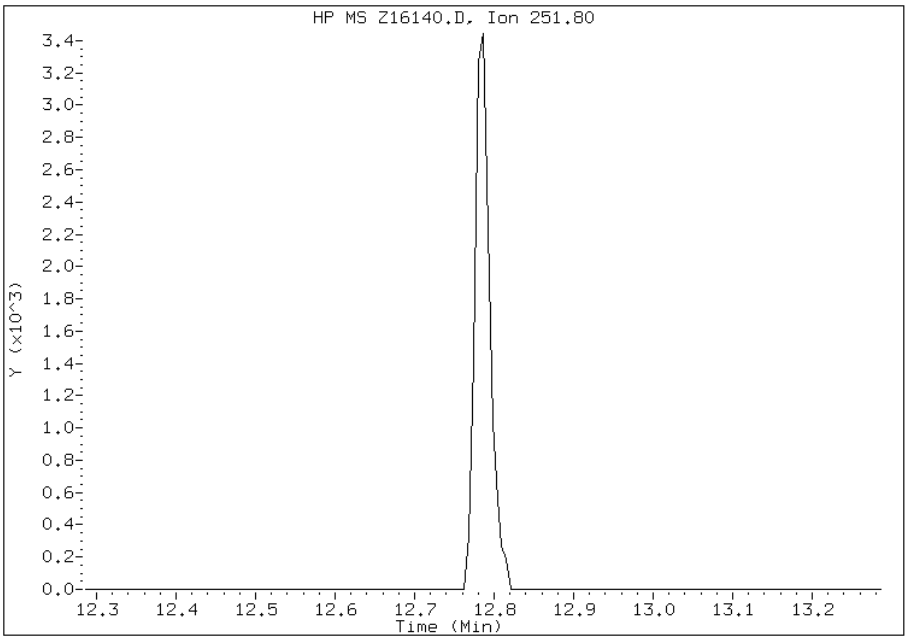
Manual Integration Report

Data File: Z16140.D
Inj. Date and Time: 05-MAY-2010 11:17
Instrument ID: msz.i
Client ID: IC-441753
Compound: 75 3,3'-Dichlorobenzidine
CAS #: 91-94-1
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.79



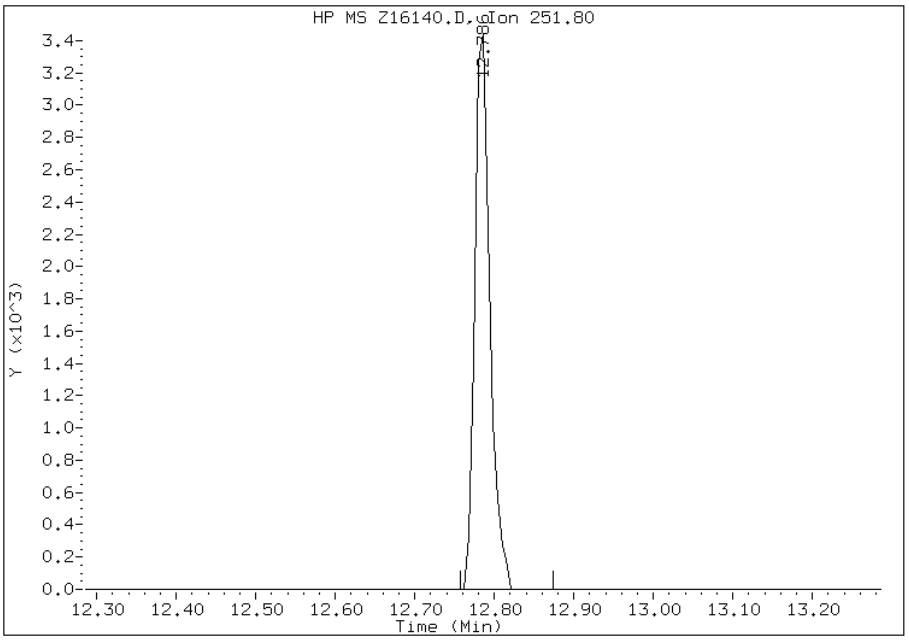
Manual Integration Results

RT: 12.79

Response: 4496

Amount: 29

Conc: 29



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

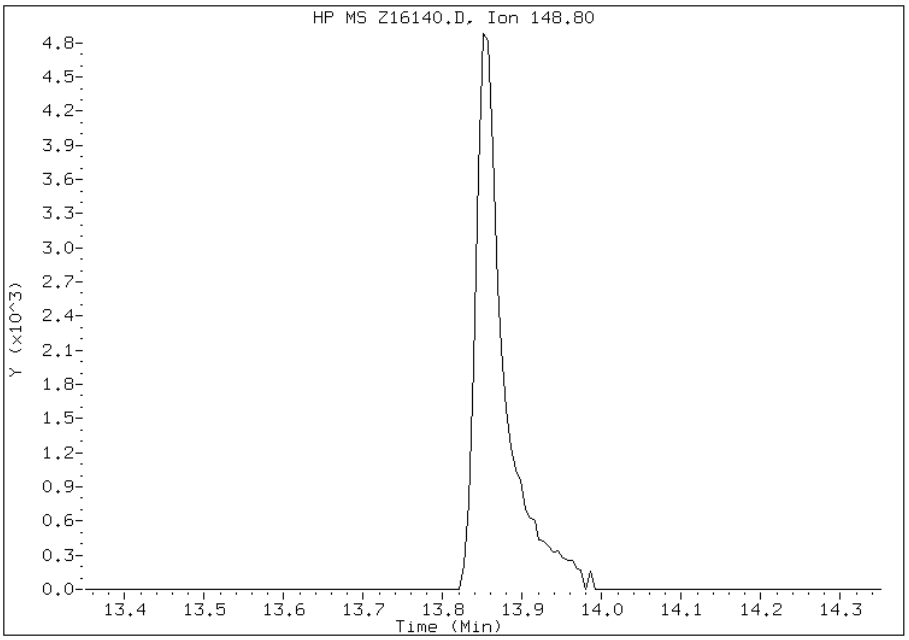
Manual Integration Report

Data File: Z16140.D
Inj. Date and Time: 05-MAY-2010 11:17
Instrument ID: msz.i
Client ID: IC-441753
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



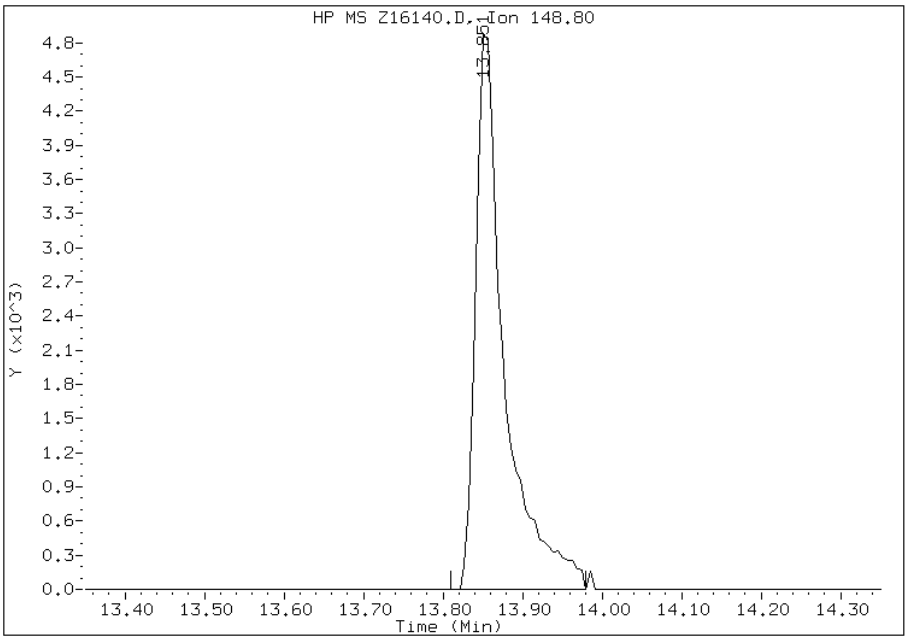
Manual Integration Results

RT: 13.85

Response: 12262

Amount: 38

Conc: 38



Manually Integrated By: stephan
Manual Integration Reason:

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16141.D
Lab Smp Id: IC-437926 Client Smp ID: IC-437926
Inj Date : 05-MAY-2010 11:46
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-437926;60
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 05-May-2010 12:36 msz.i Quant Type: ISTD
Cal Date : 05-MAY-2010 11:17 Cal File: Z16140.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	5.039	5.039	(1.000)	9157	20.0000	
$ 2	2-Fluorophenol	112	3.592	3.592	(0.713)	30321	60.0000	63
$ 3	Phenol-d5	99	4.704	4.704	(0.933)	38356	60.0000	54
4	Pyridine	52	1.751	1.751	(0.348)	8751	60.0000	73
5	N-Nitrosodimethylamine	42	1.739	1.739	(0.345)	6563	60.0000	62
6	Cyclohexanone	42	3.821	3.821	(0.758)	13267	60.0000	46
128	Benzaldehyde	77	4.551	4.551	(0.903)	5280	60.0000	12
7	Phenol	94	4.715	4.715	(0.936)	45403	60.0000	55
8	Aniline	93	4.692	4.692	(0.931)	49211	60.0000	54
9	bis(2-Chloroethyl)ether	63	4.786	4.786	(0.950)	24251	60.0000	52
10	2-Chlorophenol	128	4.815	4.815	(0.956)	34790	60.0000	56
11	1,3-Dichlorobenzene	146	4.974	4.974	(0.987)	39255	60.0000	55
12	1,4-Dichlorobenzene	146	5.057	5.057	(1.004)	39761	60.0000	54
13	Benzyl alcohol	108	5.221	5.221	(1.036)	19016	60.0000	50
14	1,2-Dichlorobenzene	146	5.221	5.221	(1.036)	33465	60.0000	48
15	2,2'-oxybis(1-Chloropropane)	45	5.374	5.374	(1.067)	47157	60.0000	50
16	2-Methylphenol	108	5.363	5.363	(1.064)	31694	60.0000	52
92	Acetophenone	105	5.498	5.498	(1.091)	51820	60.0000	55
17	Hexachloroethane	117	5.586	5.586	(1.109)	16970	60.0000	55
18	N-Nitroso-di-n-propylamine	70	5.515	5.515	(1.095)	24294	60.0000	52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.527	5.527	(1.097)	32402	60.0000	50
*	20 Naphthalene-d8	136	6.409	6.409	(1.000)	43224	20.0000	
$	21 Nitrobenzene-d5	82	5.645	5.645	(0.881)	42347	60.0000	56
	22 Nitrobenzene	77	5.668	5.668	(0.884)	41848	60.0000	54
	23 Isophorone	82	5.939	5.939	(0.927)	74406	60.0000	57
	24 2-Nitrophenol	139	6.010	6.010	(0.938)	23164	60.0000	59
	25 2,4-Dimethylphenol	122	6.092	6.092	(0.950)	32075	60.0000	52
	26 Benzoic Acid	122	6.257	6.257	(0.976)	25323	60.0000	87(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.186	6.186	(0.965)	44997	60.0000	52
	28 2,4-Dichlorophenol	162	6.280	6.280	(0.980)	31568	60.0000	54
	29 1,2,4-Trichlorobenzene	180	6.362	6.362	(0.993)	34695	60.0000	51
	30 Naphthalene	128	6.439	6.439	(1.005)	109707	60.0000	47
	31 4-Chloroaniline	127	6.509	6.509	(1.016)	45743	60.0000	50
	32 Hexachlorobutadiene	225	6.592	6.592	(1.028)	21547	60.0000	49
	129 Caprolactam	113	6.933	6.933	(1.082)	11424	60.0000	74
	33 4-Chloro-3-methylphenol	107	7.051	7.051	(1.100)	35638	60.0000	53
	34 2-Methylnaphthalene	142	7.186	7.186	(1.121)	73889	60.0000	47
*	35 Acenaphthene-d10	164	8.292	8.292	(1.000)	26141	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.145	7.145	(1.418)	33754	60.0000	51
	37 Hexachlorocyclopentadiene	237	7.362	7.362	(0.888)	21632	60.0000	66
	38 2,4,6-Trichlorophenol	196	7.492	7.492	(0.904)	24054	60.0000	54
	39 2,4,5-Trichlorophenol	196	7.533	7.533	(0.908)	25413	60.0000	55
$	40 2-Fluorobiphenyl	172	7.586	7.586	(0.915)	81555	60.0000	47
	130 1,1'-Biphenyl	154	7.686	7.686	(0.927)	84430	60.0000	43
	41 2-Chloronaphthalene	162	7.704	7.704	(0.929)	66917	60.0000	46
	42 2-Nitroaniline	65	7.815	7.815	(0.943)	25467	60.0000	56
	43 Acenaphthylene	152	8.139	8.139	(0.982)	128154	60.0000	48
	44 Dimethylphthalate	163	8.027	8.027	(0.968)	82126	60.0000	54
	45 2,6-Dinitrotoluene	165	8.086	8.086	(0.975)	20346	60.0000	58
	46 Acenaphthene	153	8.333	8.333	(1.005)	76191	60.0000	46
	47 3-Nitroaniline	138	8.262	8.262	(0.996)	25170	60.0000	59
	48 2,4-Dinitrophenol	184	8.362	8.362	(1.009)	11619	60.0000	100(A)
	49 Dibenzofuran	168	8.515	8.515	(1.027)	101881	60.0000	44
	50 2,4-Dinitrotoluene	165	8.509	8.509	(1.026)	23683	60.0000	50
	51 4-Nitrophenol	109	8.451	8.451	(1.019)	13151	60.0000	69
	52 Fluorene	166	8.880	8.880	(1.071)	76759	60.0000	43
	53 4-Chlorophenyl-phenylether	204	8.886	8.886	(1.072)	35271	60.0000	44
	54 Diethylphthalate	149	8.786	8.786	(1.060)	88672	60.0000	56
	55 4-Nitroaniline	138	8.915	8.915	(1.075)	24416	60.0000	61(H)
$	56 2,4,6-Tribromophenol	330	9.139	9.139	(1.102)	14468	60.0000	62
*	57 Phenanthrene-d10	188	9.874	9.874	(1.000)	42753	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.945	8.945	(0.906)	15757	60.0000	78
	59 N-Nitrosodiphenylamine (1)	169	9.015	9.015	(0.913)	61023	60.0000	50
	60 1,2-Diphenylhydrazine	77	9.056	9.056	(0.917)	93409	60.0000	49
	61 4-Bromophenyl-phenylether	248	9.409	9.409	(0.953)	22360	60.0000	53
	131 Atrazine	200	9.598	9.598	(0.972)	18396	60.0000	60
	62 Hexachlorobenzene	284	9.474	9.474	(0.959)	27397	60.0000	52
	63 Pentachlorophenol	266	9.680	9.680	(0.980)	17062	60.0000	68
	64 Phenanthrene	178	9.903	9.903	(1.003)	113917	60.0000	48
	65 Carbazole	167	10.133	10.133	(1.026)	109226	60.0000	52
	66 Anthracene	178	9.956	9.956	(1.008)	114672	60.0000	48
	67 Di-n-butylphthalate	149	10.521	10.521	(1.066)	122470	60.0000	68
	68 Fluoranthene	202	11.168	11.168	(1.131)	112880	60.0000	56
*	70 Chrysene-d12	240	12.833	12.833	(1.000)	17279	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.309	11.309	(0.881)	14503	60.0000	32
72	Pyrene	202	11.409	11.409	(0.889)	114935	60.0000	52
$ 73	Terphenyl-d14	244	11.580	11.580	(0.902)	54610	60.0000	61
74	Butylbenzylphthalate	149	12.127	12.127	(0.945)	30130	60.0000	80(A)
124	3,3'-Dimethylbenzidine	212	12.109	12.109	(0.944)	5698	60.0000	24(M)
75	3,3'-Dichlorobenzidine	252	12.786	12.786	(0.996)	13311	60.0000	76
76	Benzo(a)anthracene	228	12.815	12.815	(0.999)	55946	60.0000	67
77	Chrysene	228	12.868	12.868	(1.003)	53221	60.0000	58
78	Bis(2-Ethylhexyl)phthalate	149	12.874	12.874	(1.003)	39933	60.0000	97(A)
* 79	Perylene-d12	264	15.150	15.150	(1.000)	10724	20.0000	
80	Di-n-octylphthalate	149	13.850	13.850	(0.914)	47989	60.0000	110(AM)
81	Benzo(b)fluoranthene	252	14.468	14.468	(0.955)	37958	60.0000	79
82	Benzo(k)fluoranthene	252	14.515	14.515	(0.958)	46244	60.0000	67
83	Benzo(a)pyrene	252	15.044	15.044	(0.993)	36584	60.0000	88(A)
84	Indeno(1,2,3-cd)pyrene	276	17.268	17.268	(1.140)	39035	60.0000	120(A)
85	Dibenzo(a,h)anthracene	278	17.326	17.326	(1.144)	46396	60.0000	110(A)
86	Benzo(g,h,i)perylene	276	17.821	17.821	(1.176)	45829	60.0000	90(A)
167	Simazine	201	9.568	9.568	(0.969)	12729	60.0000	69

QC Flag Legend

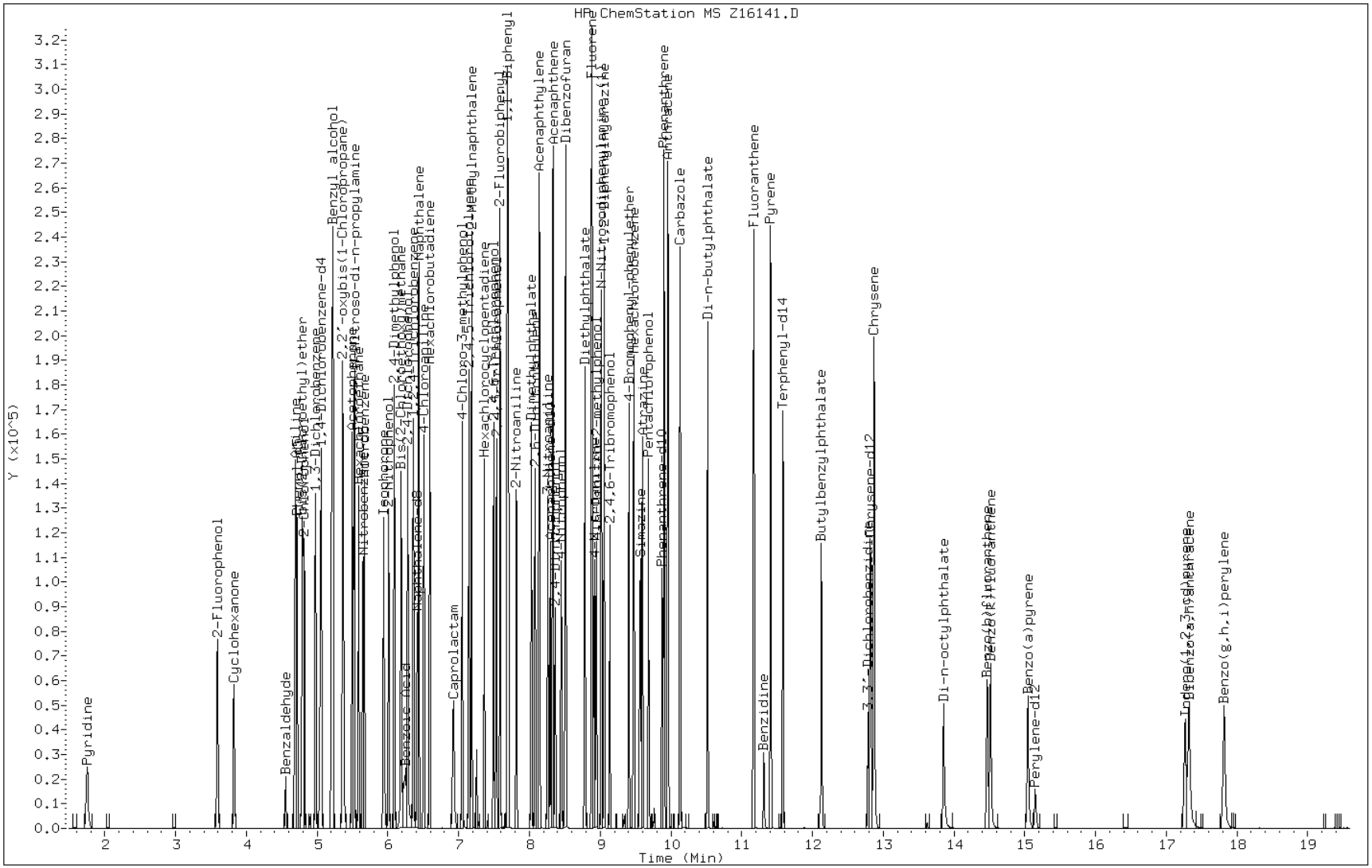
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: Z16141.D

Date: 05-MAY-2010 11:46

Client ID: IC-437926 Instrument: msz.i

Sample Info: IC-437926;60 Operator: S.Jonas



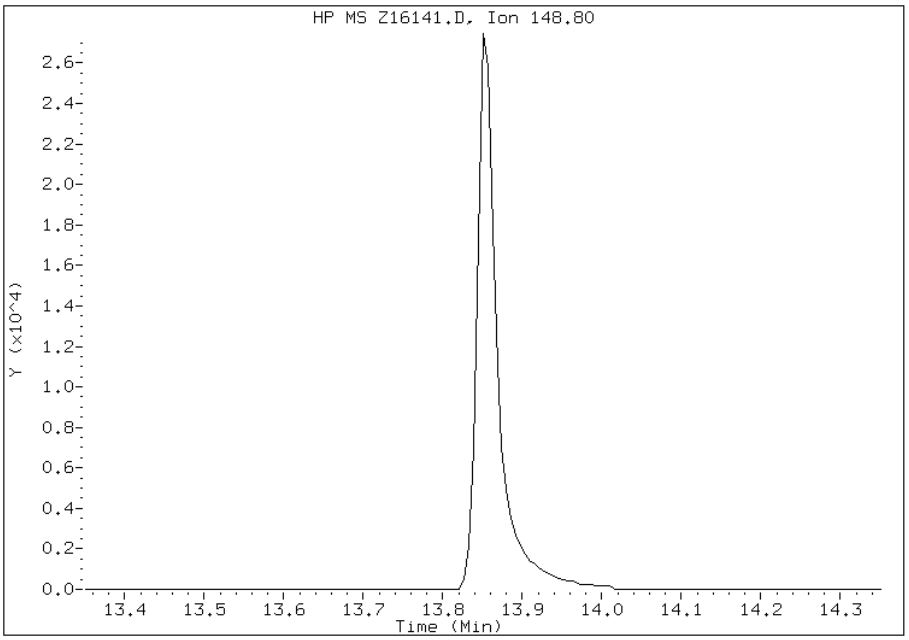
Manual Integration Report

Data File: Z16141.D
Inj. Date and Time: 05-MAY-2010 11:46
Instrument ID: msz.i
Client ID: IC-437926
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



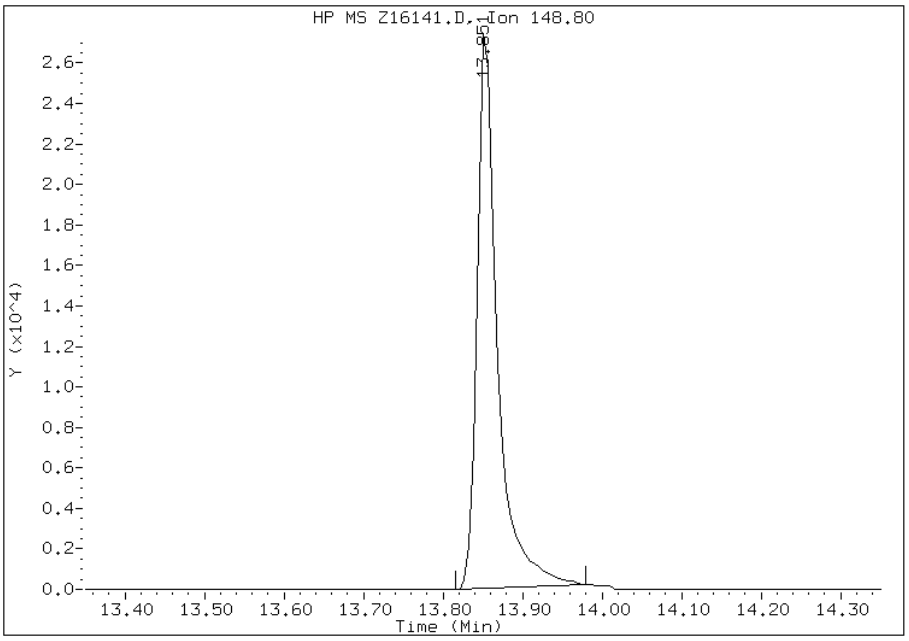
Manual Integration Results

RT: 13.85

Response: 47989

Amount: 111

Conc: 111



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z16141.D
Inj. Date and Time: 05-MAY-2010 11:46
Instrument ID: msz.i
Client ID: IC-437926
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/11/2010

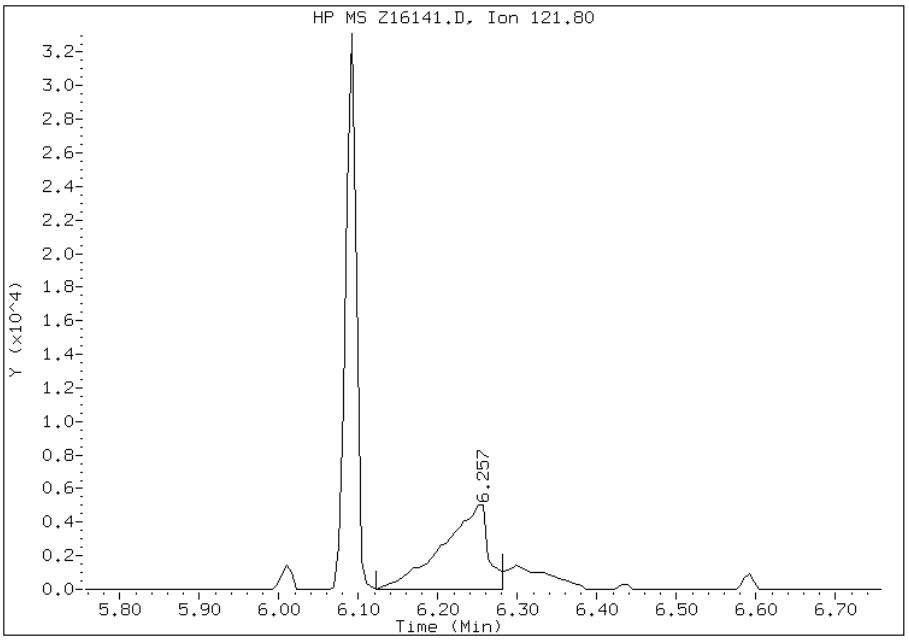
Processing Integration Results

RT: 6.26

Response: 20135

Amount: 63

Conc: 63



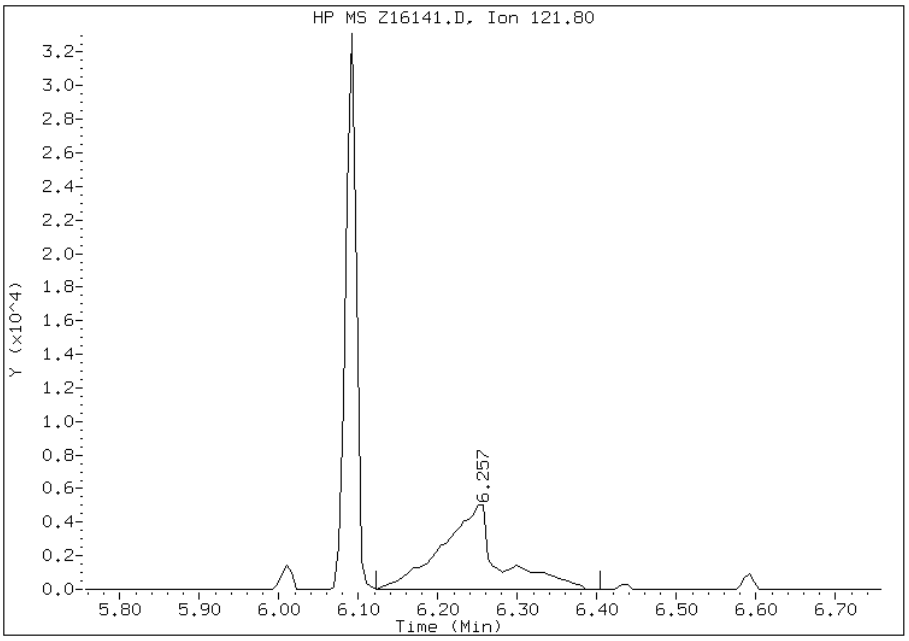
Manual Integration Results

RT: 6.26

Response: 25323

Amount: 87

Conc: 87



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

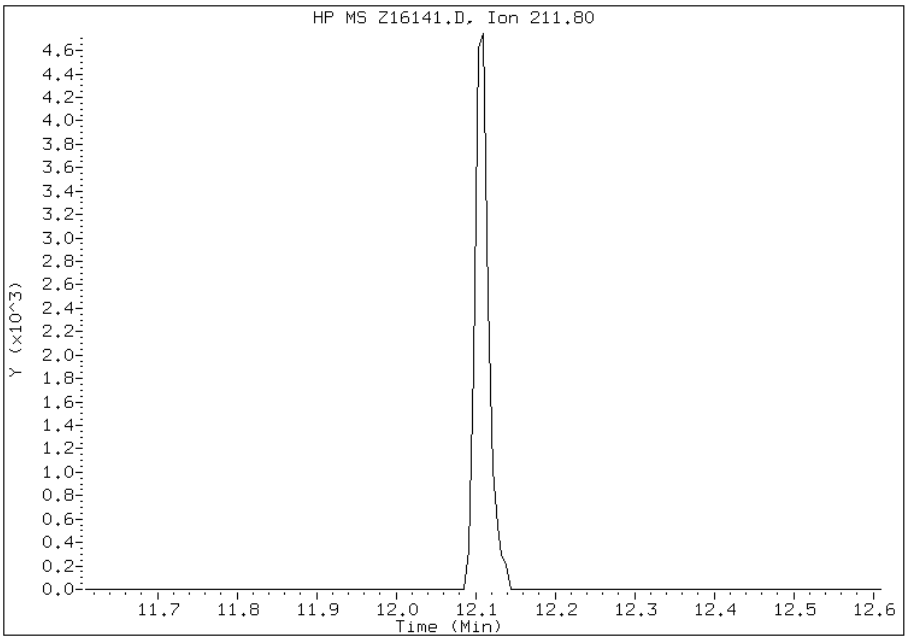
Manual Integration Report

Data File: Z16141.D
Inj. Date and Time: 05-MAY-2010 11:46
Instrument ID: msz.i
Client ID: IC-437926
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.11



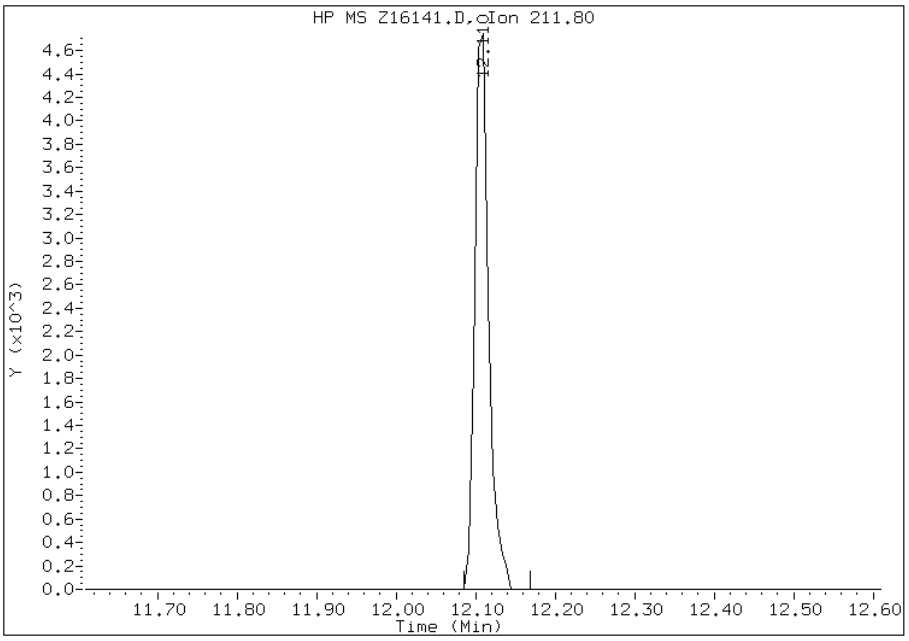
Manual Integration Results

RT: 12.11

Response: 5698

Amount: 24

Conc: 24



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Z16142.D
Lab Smp Id: IC-437927 Client Smp ID: IC-437927
Inj Date : 05-MAY-2010 12:13
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-437927;80
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\MSZ-8270C.m
Meth Date : 05-May-2010 12:37 msz.i Quant Type: ISTD
Cal Date : 05-MAY-2010 11:46 Cal File: Z16141.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	5.039	5.039	(1.000)	9744	20.0000	
$ 2	2-Fluorophenol	112	3.592	3.592	(0.713)	38602	80.0000	74
$ 3	Phenol-d5	99	4.704	4.704	(0.933)	48443	80.0000	66
4	Pyridine	52	1.757	1.757	(0.349)	11452	80.0000	85(A)
5	N-Nitrosodimethylamine	42	1.745	1.745	(0.346)	8586	80.0000	76
6	Cyclohexanone	42	3.821	3.821	(0.758)	14610	80.0000	51
128	Benzaldehyde	77	4.551	4.551	(0.903)	4896	80.0000	13
7	Phenol	94	4.721	4.721	(0.937)	56506	80.0000	65
8	Aniline	93	4.692	4.692	(0.931)	62585	80.0000	66
9	bis(2-Chloroethyl)ether	63	4.786	4.786	(0.950)	31723	80.0000	66
10	2-Chlorophenol	128	4.821	4.821	(0.957)	43719	80.0000	67
11	1,3-Dichlorobenzene	146	4.974	4.974	(0.987)	50150	80.0000	67
12	1,4-Dichlorobenzene	146	5.057	5.057	(1.004)	49774	80.0000	65
13	Benzyl alcohol	108	5.221	5.221	(1.036)	24130	80.0000	62
14	1,2-Dichlorobenzene	146	5.221	5.221	(1.036)	40177	80.0000	57
15	2,2'-oxybis(1-Chloropropane)	45	5.374	5.374	(1.067)	56789	80.0000	59
16	2-Methylphenol	108	5.363	5.363	(1.064)	39577	80.0000	63
92	Acetophenone	105	5.498	5.498	(1.091)	67097	80.0000	68
17	Hexachloroethane	117	5.586	5.586	(1.109)	21411	80.0000	66
18	N-Nitroso-di-n-propylamine	70	5.521	5.521	(1.096)	30645	80.0000	64

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.533	5.533	(1.098)	40065	80.0000	61
*	20 Naphthalene-d8	136	6.410	6.410	(1.000)	45249	20.0000	
$	21 Nitrobenzene-d5	82	5.651	5.651	(0.882)	54081	80.0000	70
	22 Nitrobenzene	77	5.674	5.674	(0.885)	52753	80.0000	67
	23 Isophorone	82	5.945	5.945	(0.927)	97524	80.0000	72
	24 2-Nitrophenol	139	6.010	6.010	(0.938)	29501	80.0000	72
	25 2,4-Dimethylphenol	122	6.098	6.098	(0.951)	40803	80.0000	65
	26 Benzoic Acid	122	6.262	6.262	(0.977)	34822	80.0000	100(AM)
	27 Bis(2-Chloroethoxy)methane	93	6.186	6.186	(0.965)	57306	80.0000	66
	28 2,4-Dichlorophenol	162	6.280	6.280	(0.980)	39271	80.0000	66
	29 1,2,4-Trichlorobenzene	180	6.362	6.362	(0.993)	44231	80.0000	64
	30 Naphthalene	128	6.439	6.439	(1.005)	134118	80.0000	58
	31 4-Chloroaniline	127	6.510	6.510	(1.016)	56238	80.0000	61
	32 Hexachlorobutadiene	225	6.592	6.592	(1.028)	26956	80.0000	62
	129 Caprolactam	113	6.951	6.951	(1.084)	15320	80.0000	90(A)
	33 4-Chloro-3-methylphenol	107	7.057	7.057	(1.101)	44372	80.0000	65
	34 2-Methylnaphthalene	142	7.186	7.186	(1.121)	91340	80.0000	59
*	35 Acenaphthene-d10	164	8.292	8.292	(1.000)	27209	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.145	7.145	(1.418)	43021	80.0000	64
	37 Hexachlorocyclopentadiene	237	7.362	7.362	(0.888)	27195	80.0000	78
	38 2,4,6-Trichlorophenol	196	7.498	7.498	(0.904)	30977	80.0000	68
	39 2,4,5-Trichlorophenol	196	7.539	7.539	(0.909)	32516	80.0000	70
$	40 2-Fluorobiphenyl	172	7.586	7.586	(0.915)	101441	80.0000	59
	130 1,1'-Biphenyl	154	7.692	7.692	(0.928)	100100	80.0000	52
	41 2-Chloronaphthalene	162	7.704	7.704	(0.929)	82211	80.0000	57
	42 2-Nitroaniline	65	7.821	7.821	(0.943)	32564	80.0000	70
	43 Acenaphthylene	152	8.139	8.139	(0.982)	157328	80.0000	60
	44 Dimethylphthalate	163	8.033	8.033	(0.969)	104157	80.0000	68
	45 2,6-Dinitrotoluene	165	8.086	8.086	(0.975)	26058	80.0000	72
	46 Acenaphthene	153	8.333	8.333	(1.005)	95081	80.0000	59
	47 3-Nitroaniline	138	8.262	8.262	(0.996)	31335	80.0000	71
	48 2,4-Dinitrophenol	184	8.368	8.368	(1.009)	15986	80.0000	120(A)
	49 Dibenzofuran	168	8.515	8.515	(1.027)	123058	80.0000	54
	50 2,4-Dinitrotoluene	165	8.509	8.509	(1.026)	29127	80.0000	62
	51 4-Nitrophenol	109	8.456	8.456	(1.020)	17264	80.0000	84(A)
	52 Fluorene	166	8.880	8.880	(1.071)	91108	80.0000	53
	53 4-Chlorophenyl-phenylether	204	8.892	8.892	(1.072)	42607	80.0000	55
	54 Diethylphthalate	149	8.786	8.786	(1.060)	112236	80.0000	70
	55 4-Nitroaniline	138	8.921	8.921	(1.076)	31048	80.0000	74
$	56 2,4,6-Tribromophenol	330	9.139	9.139	(1.102)	18350	80.0000	75
*	57 Phenanthrene-d10	188	9.874	9.874	(1.000)	44781	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.951	8.951	(0.906)	20398	80.0000	90(A)
	59 N-Nitrosodiphenylamine (1)	169	9.021	9.021	(0.914)	77208	80.0000	63
	60 1,2-Diphenylhydrazine	77	9.056	9.056	(0.917)	116403	80.0000	61
	61 4-Bromophenyl-phenylether	248	9.409	9.409	(0.953)	28369	80.0000	66
	131 Atrazine	200	9.603	9.603	(0.973)	24301	80.0000	75
	62 Hexachlorobenzene	284	9.474	9.474	(0.959)	35101	80.0000	66
	63 Pentachlorophenol	266	9.686	9.686	(0.981)	22634	80.0000	83(A)
	64 Phenanthrene	178	9.903	9.903	(1.003)	140509	80.0000	59
	65 Carbazole	167	10.133	10.133	(1.026)	135545	80.0000	63
	66 Anthracene	178	9.956	9.956	(1.008)	143331	80.0000	60
	67 Di-n-butylphthalate	149	10.521	10.521	(1.066)	156231	80.0000	80(A)
	68 Fluoranthene	202	11.174	11.174	(1.132)	141728	80.0000	68
*	70 Chrysene-d12	240	12.827	12.827	(1.000)	17959	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.309	11.309	(0.882)	15202	80.0000	37
72	Pyrene	202	11.409	11.409	(0.889)	142383	80.0000	64
$ 73	Terphenyl-d14	244	11.580	11.580	(0.903)	70112	80.0000	75
74	Butylbenzylphthalate	149	12.127	12.127	(0.945)	41358	80.0000	98(A)
124	3,3'-Dimethylbenzidine	212	12.103	12.103	(0.944)	6658	80.0000	31(M)
75	3,3'-Dichlorobenzidine	252	12.786	12.786	(0.997)	17506	80.0000	90(A)
76	Benzo(a)anthracene	228	12.815	12.815	(0.999)	72190	80.0000	81(A)
77	Chrysene	228	12.868	12.868	(1.003)	68567	80.0000	73
78	Bis(2-Ethylhexyl)phthalate	149	12.868	12.868	(1.003)	54944	80.0000	110(A)
* 79	Perylene-d12	264	15.144	15.144	(1.000)	11298	20.0000	
80	Di-n-octylphthalate	149	13.850	13.850	(0.915)	65119	80.0000	120(AM)
81	Benzo(b)fluoranthene	252	14.468	14.468	(0.955)	50131	80.0000	92(A)
82	Benzo(k)fluoranthene	252	14.515	14.515	(0.958)	59015	80.0000	79
83	Benzo(a)pyrene	252	15.044	15.044	(0.993)	48913	80.0000	100(A)
84	Indeno(1,2,3-cd)pyrene	276	17.268	17.268	(1.140)	54769	80.0000	130(A)
85	Dibenzo(a,h)anthracene	278	17.321	17.321	(1.144)	60839	80.0000	120(A)
86	Benzo(g,h,i)perylene	276	17.821	17.821	(1.177)	60630	80.0000	100(A)
167	Simazine	201	9.574	9.574	(0.970)	16494	80.0000	82(A)

QC Flag Legend

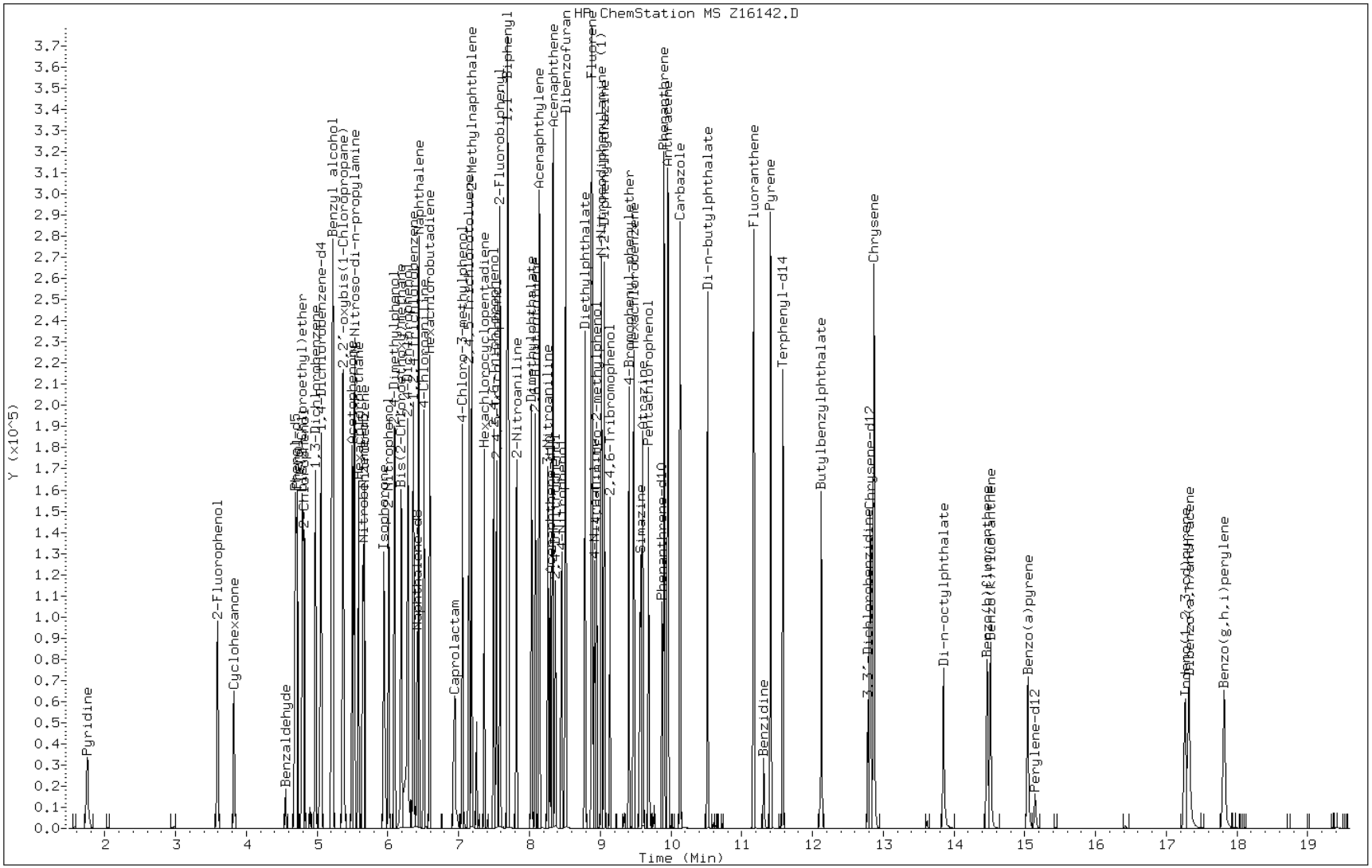
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z16142.D

Date: 05-MAY-2010 12:13

Client ID: IC-437927 Instrument: msz.i

Sample Info: IC-437927;80 Operator: S.Jonas



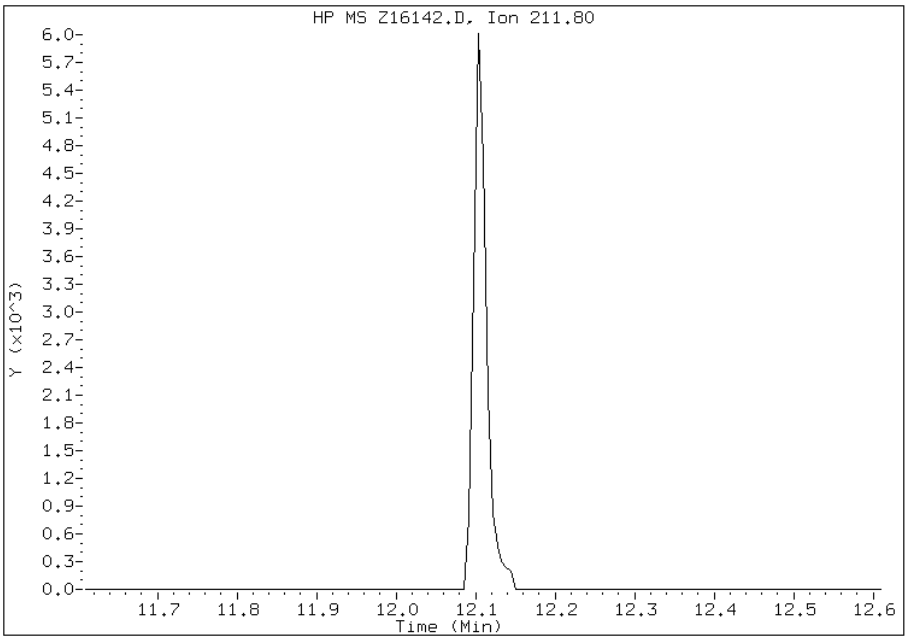
Manual Integration Report

Data File: Z16142.D
Inj. Date and Time: 05-MAY-2010 12:13
Instrument ID: msz.i
Client ID: IC-437927
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 12.11



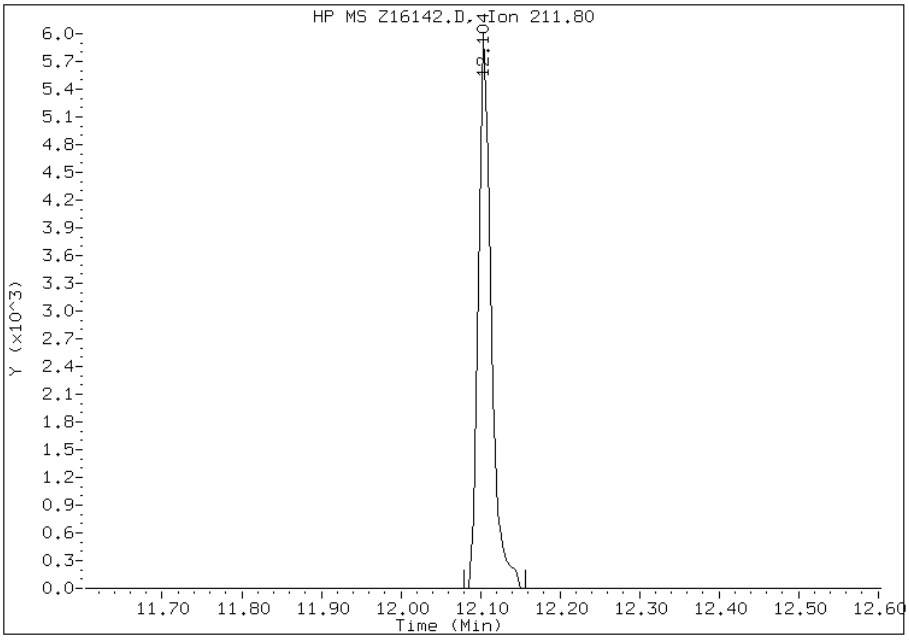
Manual Integration Results

RT: 12.10

Response: 6658

Amount: 31

Conc: 31



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

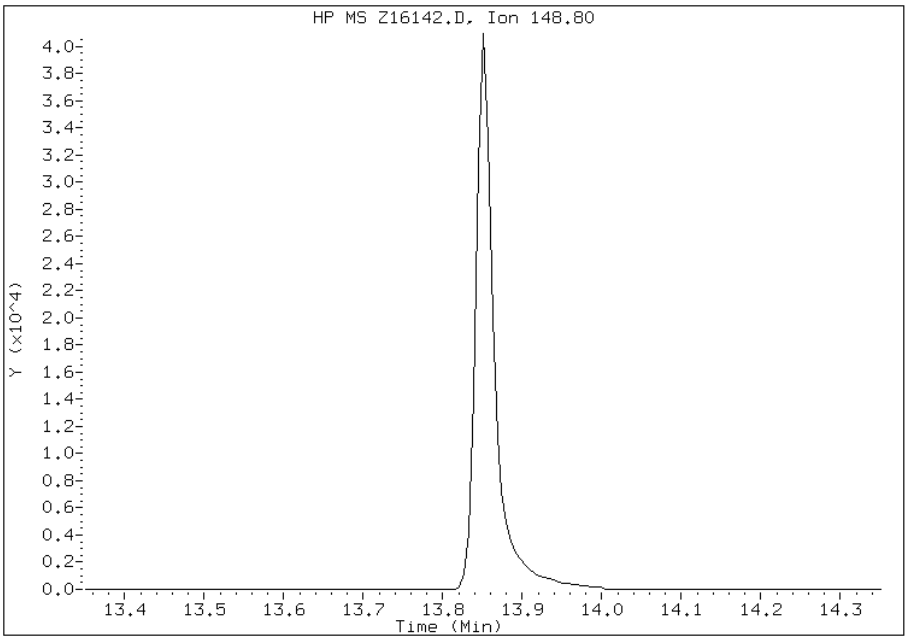
Manual Integration Report

Data File: Z16142.D
Inj. Date and Time: 05-MAY-2010 12:13
Instrument ID: msz.i
Client ID: IC-437927
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.85



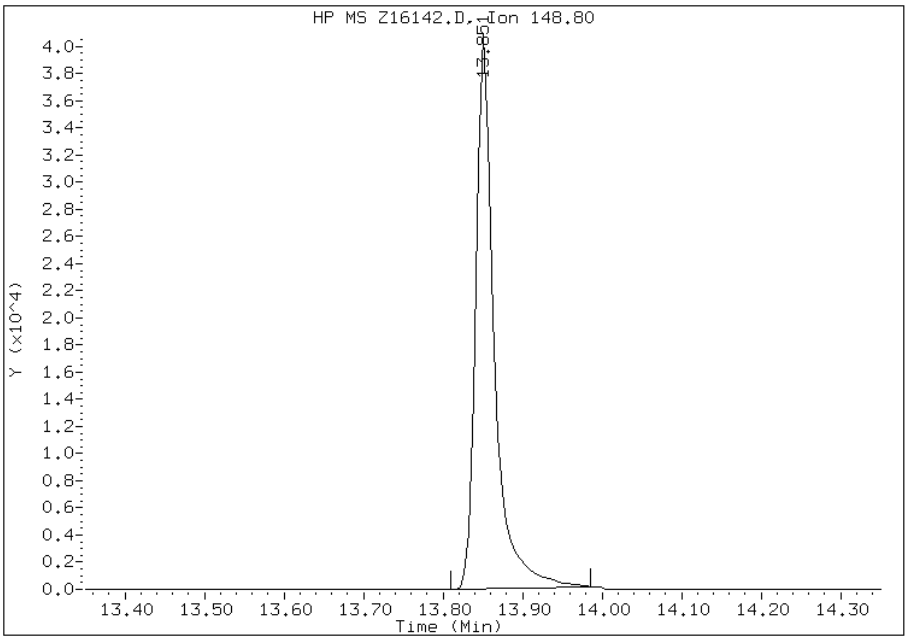
Manual Integration Results

RT: 13.85

Response: 65119

Amount: 118

Conc: 118



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z16142.D
Inj. Date and Time: 05-MAY-2010 12:13
Instrument ID: msz.i
Client ID: IC-437927
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/11/2010

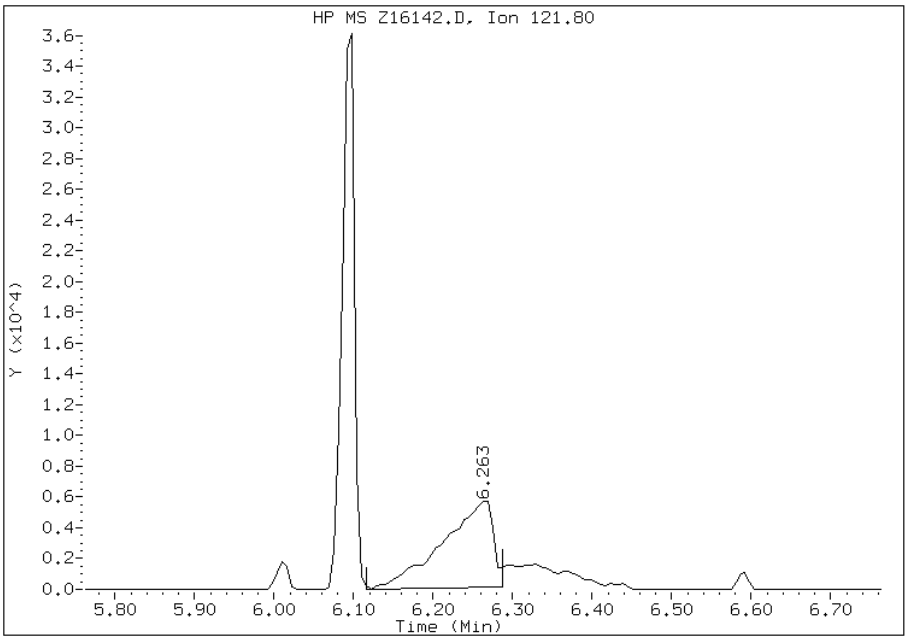
Processing Integration Results

RT: 6.26

Response: 24607

Amount: 71

Conc: 71



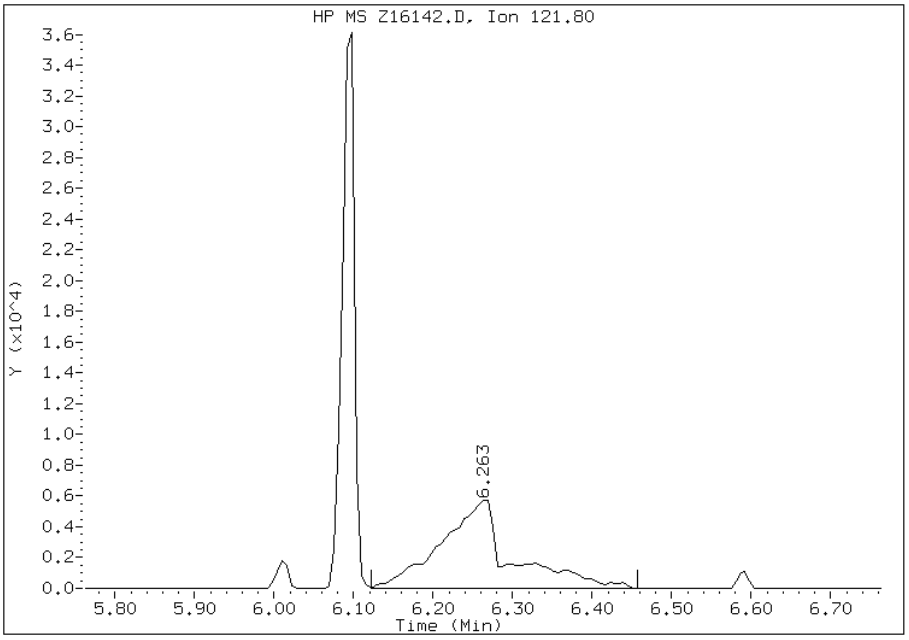
Manual Integration Results

RT: 6.26

Response: 34822

Amount: 103

Conc: 103



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38265/1 Calibration Date: 05/07/2010 10:12

Instrument ID: MSA Calib Start Date: 05/06/2010 07:31

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/06/2010 09:59

Lab File ID: A10910.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.0981	0.0925	0.0500	37.7	40.0	-5.7	30.0
Pyridine	Ave	0.1211	0.1128	0.0500	37.3	40.0	-6.9	30.0
Cyclohexanone	Ave	0.6221	0.6017	0.0500	38.7	40.0	-3.3	30.0
Benzaldehyde	Ave	0.6426	0.7952	0.0500	49.5	40.0	23.7	30.0
Aniline	Ave	1.944	1.859	0.0500	38.3	40.0	-4.4	30.0
Phenol	Ave	1.568	1.473	0.0500	37.6	40.0	-6.1	20.0
Bis(2-chloroethyl)ether	Ave	1.096	1.116	0.0500	40.7	40.0	1.8	30.0
2-Chlorophenol	Ave	1.317	1.238	0.0500	37.6	40.0	-6.0	30.0
1,3-Dichlorobenzene	Ave	1.505	1.417	0.0500	37.7	40.0	-5.8	30.0
1,4-Dichlorobenzene	Ave	1.511	1.406	0.0500	37.2	40.0	-6.9	20.0
1,2-Dichlorobenzene	Qua	1.390	1.281	0.0500	38.7	40.0	-3.3	30.0
Benzyl alcohol	Ave	0.8859	0.8398	0.0500	37.9	40.0	-5.2	30.0
2,2'-oxybis[1-chloropropane]	Ave	2.451	2.274	0.0500	37.1	40.0	-7.2	30.0
2-Methylphenol	Ave	1.275	1.174	0.0500	36.8	40.0	-7.9	30.0
Acetophenone	Ave	1.965	1.863	0.0500	37.9	40.0	-5.2	30.0
N-Nitrosodi-n-propylamine	Ave	1.020	0.9852	0.0500	38.7	40.0	-3.4	30.0
4-Methylphenol	Ave	1.493	1.337	0.0500	35.8	40.0	-10.5	30.0
Hexachloroethane	Ave	0.7020	0.6430	0.0500	36.6	40.0	-8.4	30.0
Nitrobenzene	Ave	0.2791	0.2657	0.0500	38.1	40.0	-4.8	30.0
Isophorone	Ave	0.5640	0.5397	0.0500	38.3	40.0	-4.3	30.0
2-Nitrophenol	Ave	0.1845	0.1789	0.0500	38.8	40.0	-3.1	20.0
2,4-Dimethylphenol	Ave	0.2764	0.2582	0.0500	37.4	40.0	-6.6	30.0
Bis(2-chloroethoxy)methane	Ave	0.3643	0.3419	0.0500	37.5	40.0	-6.2	30.0
2,4-Dichlorophenol	Ave	0.2709	0.2421	0.0500	35.7	40.0	-10.6	20.0
Benzoic acid	Ave	0.2259	0.2095	0.0500	37.1	40.0	-7.3	30.0
1,2,4-Trichlorobenzene	Ave	0.2760	0.2435	0.0500	35.3	40.0	-11.8	30.0
Naphthalene	Qua	0.9514	0.8565	0.0500	38.0	40.0	-4.9	30.0
4-Chloroaniline	Lin	0.4391	0.3958	0.0500	41.5	40.0	3.8	30.0
Hexachlorobutadiene	Qua	0.1070	0.0968	0.0500	38.9	40.0	-2.8	20.0
Caprolactam	Ave	0.1064	0.0966	0.0500	36.3	40.0	-9.3	30.0
4-Chloro-3-methylphenol	Ave	0.2940	0.2811	0.0500	38.2	40.0	-4.4	20.0
2,4,5-Trichlorotoluene	Ave	1.522	1.326	0.0500	34.9	40.0	-12.8	30.0
2-Methylnaphthalene	Qua	0.6820	0.6042	0.0500	38.0	40.0	-5.0	30.0
Hexachlorocyclopentadiene	Ave	0.1723	0.1703	0.0500	39.5	40.0	-1.2	30.0
2,4,6-Trichlorophenol	Ave	0.2702	0.2456	0.0500	36.4	40.0	-9.1	20.0
2,4,5-Trichlorophenol	Ave	0.2740	0.2723	0.0500	39.8	40.0	-0.6	30.0
1,1'-Biphenyl	Qua	0.9932	0.8121	0.0500	39.7	40.0	-0.8	30.0
2-Chloronaphthalene	Qua	0.8004	0.6593	0.0500	36.8	40.0	-8.0	30.0
2-Nitroaniline	Ave	0.2952	0.2777	0.0500	37.6	40.0	-5.9	30.0
Dimethyl phthalate	Ave	1.125	1.054	0.0500	37.5	40.0	-6.3	30.0
2,6-Dinitrotoluene	Ave	0.2744	0.2651	0.0500	38.7	40.0	-3.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38265/1 Calibration Date: 05/07/2010 10:12

Instrument ID: MSA Calib Start Date: 05/06/2010 07:31

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/06/2010 09:59

Lab File ID: A10910.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Qua	1.731	1.535	0.0500	38.5	40.0	-3.8	30.0
3-Nitroaniline	Ave	0.3597	0.3472	0.0500	38.6	40.0	-3.5	30.0
Acenaphthene	Lin	1.084	0.8911	0.0500	39.7	40.0	-0.7	20.0
2,4-Dinitrophenol	Ave	0.1670	0.1731	0.0500	41.5	40.0	3.7	30.0
4-Nitrophenol	Ave	0.1115	0.1132	0.0500	40.6	40.0	1.5	30.0
Dibenzofuran	Qua	1.374	1.182	0.0500	37.9	40.0	-5.3	30.0
2,4-Dinitrotoluene	Ave	0.3535	0.3545	0.0500	40.1	40.0	0.3	30.0
Diethyl phthalate	Ave	1.246	1.167	0.0500	37.4	40.0	-6.4	30.0
Fluorene	Qua	1.172	1.013	0.0500	39.1	40.0	-2.2	30.0
4-Chlorophenyl phenyl ether	Qua	0.4400	0.3798	0.0500	38.9	40.0	-2.7	30.0
4-Nitroaniline	Ave	0.4013	0.4032	0.0500	40.2	40.0	0.5	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1159	0.1202	0.0500	41.5	40.0	3.8	30.0
N-Nitrosodiphenylamine	Qua	0.4743	0.4269	0.0500	38.1	40.0	-4.7	20.0
1,2-Diphenylhydrazine	Ave	0.7477	0.6425	0.0500	34.4	40.0	-14.1	30.0
4-Bromophenyl phenyl ether	Qua	0.1408	0.1227	0.0500	38.0	40.0	-5.0	30.0
Hexachlorobenzene	Qua	0.1566	0.1344	0.0500	38.1	40.0	-4.7	30.0
Simazine	Ave	0.0987	0.1179	0.0500	41.0	40.0	19.5	30.0
Atrazine	Ave	0.1660	0.1625	0.0500	39.2	40.0	-2.1	30.0
Pentachlorophenol	Ave	0.0998	0.0958	0.0500	38.4	40.0	-3.9	20.0
Phenanthrene	Qua	0.9958	0.8553	0.0500	37.8	40.0	-5.6	30.0
Anthracene	Qua	1.015	0.8718	0.0500	37.7	40.0	-5.8	30.0
Carbazole	Qua	1.038	0.9367	0.0500	38.7	40.0	-3.3	30.0
Di-n-butyl phthalate	Qua	1.334	1.266	0.0500	40.2	40.0	0.4	30.0
Fluoranthene	Qua	0.9823	0.8757	0.0500	38.1	40.0	-4.9	20.0
Benzidine	Ave	0.5538	0.6983	0.0500	50.4	40.0	26.1	30.0
Pyrene	Qua	1.441	1.316	0.0500	37.7	40.0	-5.7	30.0
3,3'-Dimethylbenzidine	Ave	0.4039	0.4951	0.0500	49.0	40.0	22.6	30.0
Butyl benzyl phthalate	Ave	0.7512	0.7957	0.0500	42.4	40.0	5.9	30.0
3,3'-Dichlorobenzidine	Ave	0.2973	0.2730	0.0500	36.7	40.0	-8.2	30.0
Benzo[a]anthracene	Ave	0.9387	0.9144	0.0500	39.0	40.0	-2.6	30.0
Chrysene	Ave	0.9344	0.9092	0.0500	38.9	40.0	-2.7	30.0
Bis(2-ethylhexyl) phthalate	Ave	1.180	1.291	0.0500	43.8	40.0	9.4	30.0
Di-n-octyl phthalate	Lin	2.089	2.593	0.0500	42.3	40.0	5.8	20.0
Benzo[b]fluoranthene	Ave	1.353	1.350	0.0500	39.9	40.0	-0.3	30.0
Benzo[k]fluoranthene	Ave	1.382	1.298	0.0500	37.6	40.0	-6.1	30.0
Benzo[a]pyrene	Ave	1.030	1.003	0.0500	39.0	40.0	-2.6	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.5759	0.5831	0.0500	40.5	40.0	1.2	30.0
Dibenz(a,h)anthracene	Lin	0.5066	0.5104	0.0500	35.8	40.0	-10.4	30.0
Benzo[g,h,i]perylene	Ave	0.7093	0.7411	0.0500	41.8	40.0	4.5	30.0
2-Fluorophenol	Ave	0.9488	0.9243	0.0500	39.0	40.0	-2.6	30.0
Phenol-d5	Ave	1.577	1.503	0.0500	38.1	40.0	-4.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38265/1 Calibration Date: 05/07/2010 10:12

Instrument ID: MSA Calib Start Date: 05/06/2010 07:31

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/06/2010 09:59

Lab File ID: A10910.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene-d5	Ave	0.2880	0.2778	0.0500	38.6	40.0	-3.5	30.0
2-Fluorobiphenyl	Lin	1.006	0.8461	0.0500	40.7	40.0	1.7	30.0
2,4,6-Tribromophenol	Ave	0.1433	0.1309	0.0500	36.5	40.0	-8.7	30.0
Terphenyl-d14	Ave	0.7938	0.7077	0.0500	35.7	40.0	-10.8	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10910.D
Lab Smp Id: CCVIS-444088 Client Smp ID: CCVIS-444088
Inj Date : 07-MAY-2010 10:12
Operator : S.Jonas Inst ID: msa.i
Smp Info : CCVIS-444088
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
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)
* 1	1,4-Dichlorobenzene-d4	152	4.621	4.621	(1.000)	300440	20.0000	
$ 2	2-Fluorophenol	112	3.161	3.161	(0.684)	555390	40.0000	39
$ 3	Phenol-d5	99	4.318	4.318	(0.935)	903177	40.0000	38
4	Pyridine	52	1.422	1.422	(0.308)	67758	40.0000	37
5	N-Nitrosodimethylamine	42	1.422	1.422	(0.308)	55576	40.0000	38
6	Cyclohexanone	42	3.381	3.381	(0.732)	361571	40.0000	39
128	Benzaldehyde	77	4.140	4.140	(0.896)	477810	40.0000	49
7	Phenol	94	4.330	4.330	(0.937)	884836	40.0000	38
8	Aniline	93	4.277	4.277	(0.925)	1117324	40.0000	38
9	bis(2-Chloroethyl)ether	63	4.384	4.384	(0.949)	670567	40.0000	41
10	2-Chlorophenol	128	4.401	4.401	(0.952)	743846	40.0000	38
11	1,3-Dichlorobenzene	146	4.556	4.556	(0.986)	851264	40.0000	38
12	1,4-Dichlorobenzene	146	4.639	4.639	(1.004)	845047	40.0000	37
13	Benzyl alcohol	108	4.817	4.817	(1.042)	504617	40.0000	38
14	1,2-Dichlorobenzene	146	4.799	4.799	(1.039)	769697	40.0000	39
15	2,2'-oxybis(1-Chloropropane)	45	4.965	4.965	(1.074)	1366569	40.0000	37
16	2-Methylphenol	108	4.971	4.971	(1.076)	705614	40.0000	37
92	Acetophenone	105	5.084	5.084	(1.100)	1119412	40.0000	38
17	Hexachloroethane	117	5.155	5.155	(1.116)	386347	40.0000	37
18	N-Nitroso-di-n-propylamine	70	5.114	5.114	(1.107)	591974	40.0000	39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.137	5.137	(1.112)	803388	40.0000	36
* 20	Naphthalene-d8	136	5.980	5.980	(1.000)	1612106	20.0000	
$ 21	Nitrobenzene-d5	82	5.232	5.232	(0.875)	895639	40.0000	39
22	Nitrobenzene	77	5.256	5.256	(0.879)	856563	40.0000	38
23	Isophorone	82	5.523	5.523	(0.924)	1740063	40.0000	38
24	2-Nitrophenol	139	5.594	5.594	(0.935)	576728	40.0000	39
25	2,4-Dimethylphenol	122	5.689	5.689	(0.951)	832422	40.0000	37
26	Benzoic Acid	122	5.891	5.891	(0.985)	675519	40.0000	37(M)
27	Bis(2-Chloroethoxy)methane	93	5.778	5.778	(0.966)	1102412	40.0000	38
28	2,4-Dichlorophenol	162	5.862	5.862	(0.980)	780474	40.0000	36
29	1,2,4-Trichlorobenzene	180	5.933	5.933	(0.992)	785056	40.0000	35
30	Naphthalene	128	6.004	6.004	(1.004)	2761536	40.0000	38
31	4-Chloroaniline	127	6.087	6.087	(1.018)	1276076	40.0000	42
32	Hexachlorobutadiene	225	6.158	6.158	(1.030)	312011	40.0000	39
129	Caprolactam	113	6.514	6.514	(1.089)	311307	40.0000	36
33	4-Chloro-3-methylphenol	107	6.645	6.645	(1.111)	906344	40.0000	38
34	2-Methylnaphthalene	142	6.746	6.746	(1.128)	1948173	40.0000	38
* 35	Acenaphthene-d10	164	7.832	7.832	(1.000)	1204847	20.0000	
36	2,4,5-Trichlorotoluene	159	6.710	6.710	(1.452)	797001	40.0000	35
37	Hexachlorocyclopentadiene	237	6.918	6.918	(0.883)	410255	40.0000	40
38	2,4,6-Trichlorophenol	196	7.060	7.060	(0.901)	591897	40.0000	36
39	2,4,5-Trichlorophenol	196	7.102	7.102	(0.907)	656160	40.0000	40
$ 40	2-Fluorobiphenyl	172	7.149	7.149	(0.913)	2038829	40.0000	41
130	1,1'-Biphenyl	154	7.244	7.244	(0.925)	1956885	40.0000	40
41	2-Chloronaphthalene	162	7.256	7.256	(0.926)	1588582	40.0000	37
42	2-Nitroaniline	65	7.381	7.381	(0.942)	669274	40.0000	38
43	Acenaphthylene	152	7.684	7.684	(0.981)	3698249	40.0000	38
44	Dimethylphthalate	163	7.595	7.595	(0.970)	2538602	40.0000	37
45	2,6-Dinitrotoluene	165	7.648	7.648	(0.977)	638880	40.0000	39
46	Acenaphthene	153	7.874	7.874	(1.005)	2147275	40.0000	40
47	3-Nitroaniline	138	7.820	7.820	(0.998)	836641	40.0000	39
48	2,4-Dinitrophenol	184	7.933	7.933	(1.013)	417133	40.0000	41
49	Dibenzofuran	168	8.052	8.052	(1.028)	2848337	40.0000	38
50	2,4-Dinitrotoluene	165	8.069	8.069	(1.030)	854300	40.0000	40
51	4-Nitrophenol	109	8.040	8.040	(1.027)	272695	40.0000	41
52	Fluorene	166	8.414	8.414	(1.074)	2440648	40.0000	39
53	4-Chlorophenyl-phenylether	204	8.432	8.432	(1.077)	915257	40.0000	39
54	Diethylphthalate	149	8.342	8.342	(1.065)	2810909	40.0000	37
55	4-Nitroaniline	138	8.473	8.473	(1.082)	971628	40.0000	40
$ 56	2,4,6-Tribromophenol	330	8.675	8.675	(1.108)	315346	40.0000	37
* 57	Phenanthrene-d10	188	9.393	9.393	(1.000)	2238504	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.503	8.503	(0.905)	538328	40.0000	42
59	N-Nitrosodiphenylamine (1)	169	8.562	8.562	(0.912)	1911339	40.0000	38
60	1,2-Diphenylhydrazine	77	8.598	8.598	(0.915)	2876544	40.0000	34
61	4-Bromophenyl-phenylether	248	8.942	8.942	(0.952)	549232	40.0000	38
131	Atrazine	200	9.156	9.156	(0.975)	727379	40.0000	39
62	Hexachlorobenzene	284	9.001	9.001	(0.958)	601757	40.0000	38
63	Pentachlorophenol	266	9.215	9.215	(0.981)	429037	40.0000	38
64	Phenanthrene	178	9.423	9.423	(1.003)	3829087	40.0000	38
65	Carbazole	167	9.660	9.660	(1.028)	4193620	40.0000	39
66	Anthracene	178	9.476	9.476	(1.009)	3902918	40.0000	38
67	Di-n-butylphthalate	149	10.058	10.058	(1.071)	5665648	40.0000	40
68	Fluoranthene	202	10.675	10.675	(1.136)	3920541	40.0000	38
* 70	Chrysene-d12	240	12.224	12.224	(1.000)	1549262	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.829	10.829	(0.886)	2163545	40.0000	50
72	Pyrene	202	10.907	10.907	(0.892)	4078960	40.0000	38
$ 73	Terphenyl-d14	244	11.091	11.091	(0.907)	2192810	40.0000	36
74	Butylbenzylphthalate	149	11.619	11.619	(0.950)	2465628	40.0000	42
124	3,3'-Dimethylbenzidine	212	11.595	11.595	(0.949)	1534040	40.0000	49
75	3,3'-Dichlorobenzidine	252	12.194	12.194	(0.998)	845767	40.0000	37
76	Benzo(a)anthracene	228	12.206	12.206	(0.999)	2833361	40.0000	39
77	Chrysene	228	12.254	12.254	(1.002)	2817063	40.0000	39
78	Bis(2-Ethylhexyl)phthalate	149	12.289	12.289	(1.005)	4000347	40.0000	44
* 79	Perylene-d12	264	14.266	14.266	(1.000)	806932	20.0000	
80	Di-n-octylphthalate	149	13.150	13.150	(0.922)	4184355	40.0000	42
81	Benzo(b)fluoranthene	252	13.666	13.666	(0.958)	2178383	40.0000	40
82	Benzo(k)fluoranthene	252	13.708	13.708	(0.961)	2094721	40.0000	38
83	Benzo(a)pyrene	252	14.171	14.171	(0.993)	1618851	40.0000	39
84	Indeno(1,2,3-cd)pyrene	276	16.171	16.171	(1.134)	941058	40.0000	40
85	Dibenzo(a,h)anthracene	278	16.225	16.225	(1.137)	823692	40.0000	36
86	Benzo(g,h,i)perylene	276	16.676	16.676	(1.169)	1196008	40.0000	42
167	Simazine	201	9.132	9.132	(0.972)	527865	40.0000	41

QC Flag Legend

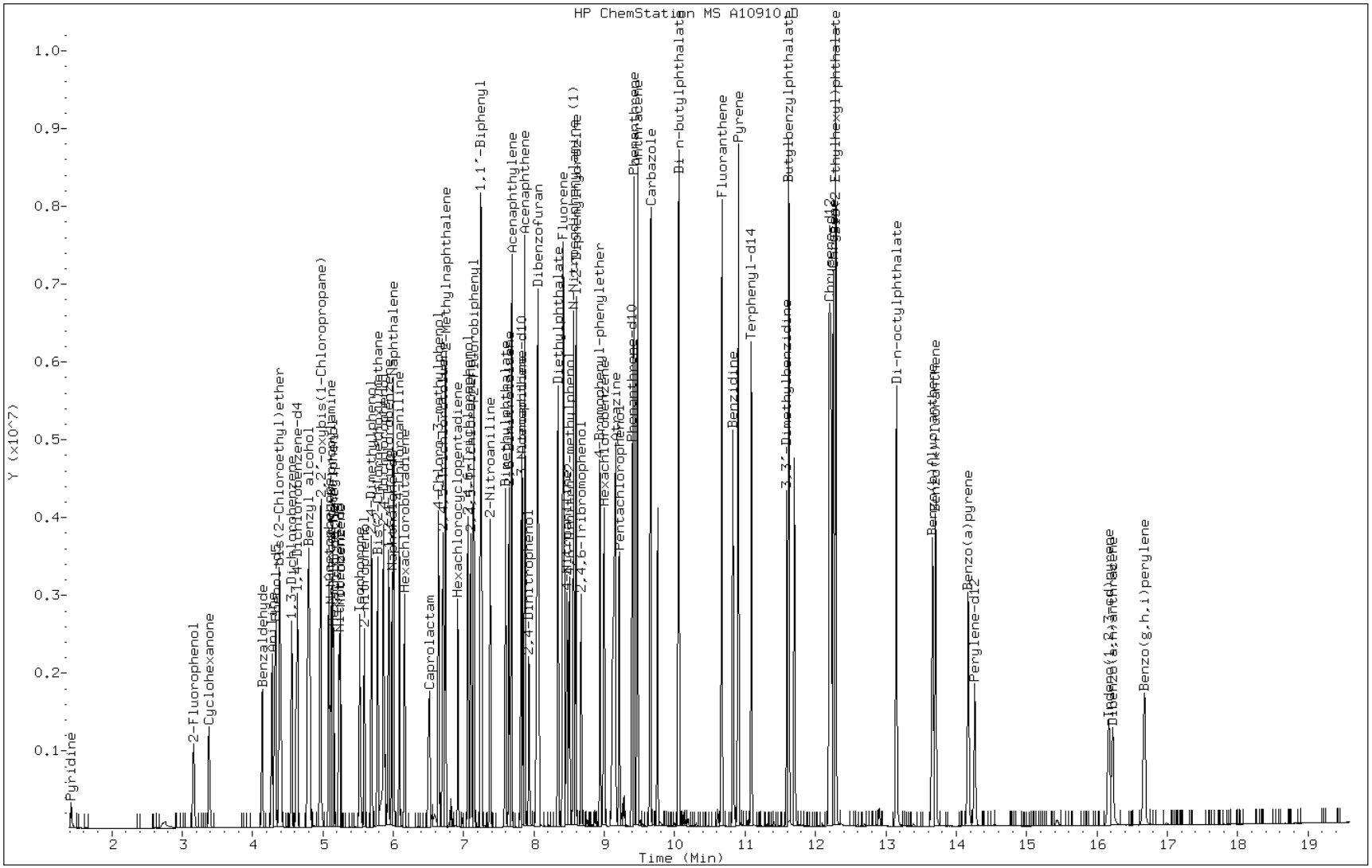
M - Compound response manually integrated.

Data File: A10910.D

Date: 07-MAY-2010 10:12

Client ID: CCVIS-444088 Instrument: msa.i

Sample Info: CCVIS-444088 Operator: S.Jonas



Manual Integration Report

Data File: A10910.D
Inj. Date and Time: 07-MAY-2010 10:12
Instrument ID: msa.i
Client ID: CCVIS-444088
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/10/2010

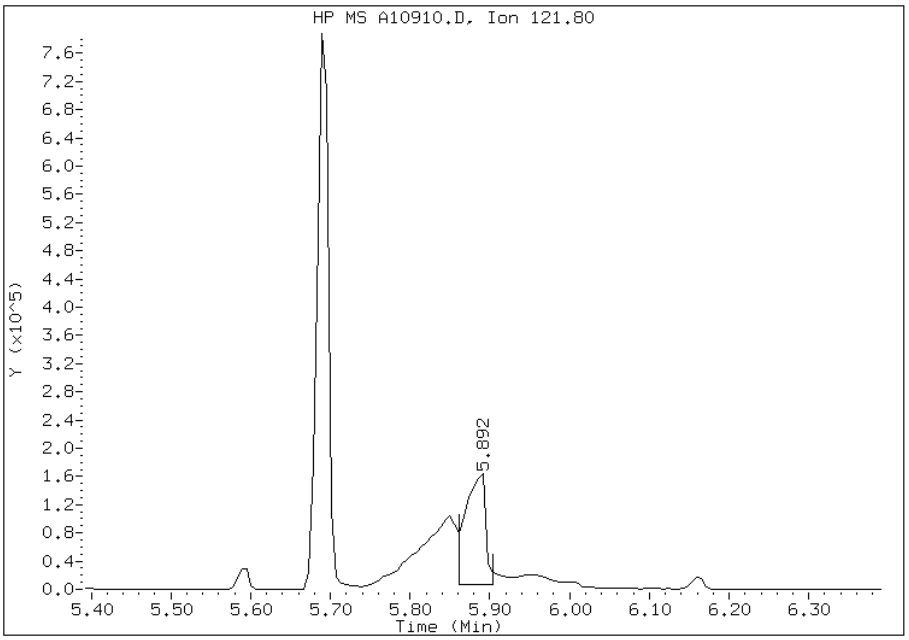
Processing Integration Results

RT: 5.89

Response: 279052

Amount: 15

Conc: 15



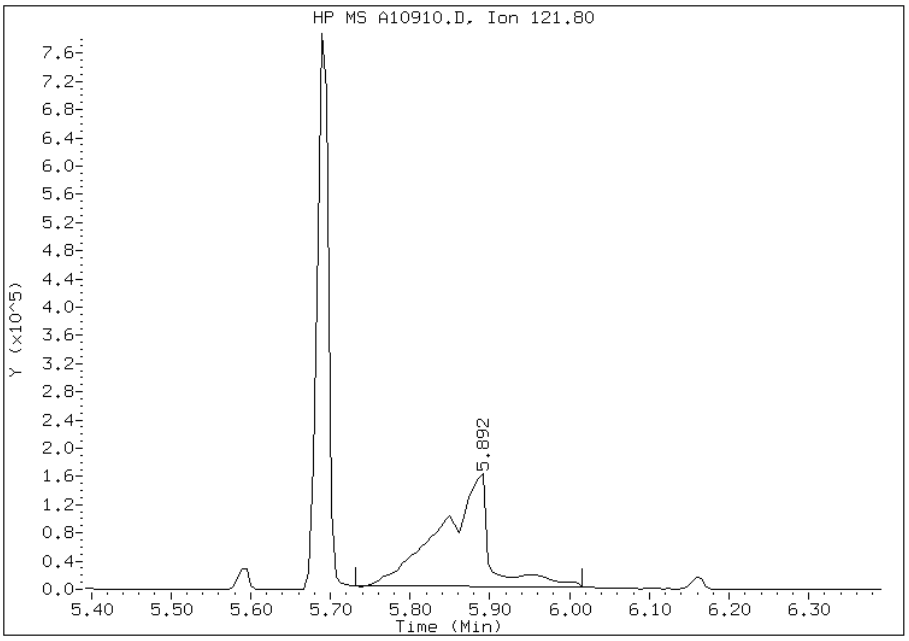
Manual Integration Results

RT: 5.89

Response: 675519

Amount: 37

Conc: 37



Manually Integrated By: stephan
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38298/1 Calibration Date: 05/10/2010 10:06

Instrument ID: MSZ Calib Start Date: 05/05/2010 09:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 05/05/2010 12:13

Lab File ID: Z16169.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2293	0.2260	0.0500	39.4	40.0	-1.4	30.0
Pyridine	Ave	0.2828	0.3044	0.0500	43.1	40.0	7.6	30.0
Cyclohexanone	Ave	0.5975	0.5995	0.0500	40.1	40.0	0.3	30.0
Benzaldehyde	Ave	0.7262	0.7481	0.0500	41.2	40.0	3.0	30.0
Aniline	Ave	1.878	1.818	0.0500	38.7	40.0	-3.2	30.0
Phenol	Ave	1.704	1.634	0.0500	38.3	40.0	-4.1	20.0
Bis(2-chloroethyl)ether	Ave	0.9474	0.9038	0.0500	38.2	40.0	-4.6	30.0
2-Chlorophenol	Ave	1.288	1.229	0.0500	38.2	40.0	-4.6	30.0
1,3-Dichlorobenzene	Ave	1.472	1.408	0.0500	38.3	40.0	-4.3	30.0
1,4-Dichlorobenzene	Ave	1.498	1.424	0.0500	38.0	40.0	-5.0	20.0
Benzyl alcohol	Ave	0.7563	0.7124	0.0500	37.7	40.0	-5.8	30.0
1,2-Dichlorobenzene	Ave	1.413	1.257	0.0500	35.6	40.0	-11.1	30.0
2-Methylphenol	Ave	1.227	1.172	0.0500	38.2	40.0	-4.5	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.855	1.786	0.0500	38.5	40.0	-3.7	30.0
Acetophenone	Ave	1.959	1.890	0.0500	38.6	40.0	-3.5	30.0
N-Nitrosodi-n-propylamine	Ave	0.9402	0.9365	0.0500	39.8	40.0	-0.4	30.0
4-Methylphenol	Ave	1.277	1.227	0.0500	38.4	40.0	-3.9	30.0
Hexachloroethane	Ave	0.6400	0.6216	0.0500	38.8	40.0	-2.9	30.0
Nitrobenzene	Ave	0.3359	0.3270	0.0500	38.9	40.0	-2.7	30.0
Isophorone	Ave	0.5884	0.5810	0.0500	39.5	40.0	-1.3	30.0
2-Nitrophenol	Ave	0.1772	0.1786	0.0500	40.3	40.0	0.8	20.0
2,4-Dimethylphenol	Ave	0.2651	0.2492	0.0500	37.6	40.0	-6.0	30.0
Bis(2-chloroethoxy)methane	Ave	0.3702	0.3540	0.0500	38.3	40.0	-4.4	30.0
Benzoic acid	Lin	0.1625	0.1839	0.0500	40.9	40.0	2.1	30.0
2,4-Dichlorophenol	Ave	0.2537	0.2483	0.0500	39.1	40.0	-2.1	20.0
1,2,4-Trichlorobenzene	Ave	0.2895	0.2757	0.0500	38.1	40.0	-4.8	30.0
Naphthalene	Ave	0.9927	0.8715	0.0500	35.1	40.0	-12.2	30.0
4-Chloroaniline	Ave	0.3869	0.3739	0.0500	38.7	40.0	-3.4	30.0
Hexachlorobutadiene	Ave	0.1835	0.1731	0.0500	37.7	40.0	-5.7	20.0
Caprolactam	Lin	0.0793	0.0931	0.0500	43.4	40.0	8.4	30.0
4-Chloro-3-methylphenol	Ave	0.2898	0.2956	0.0500	40.8	40.0	2.0	20.0
2,4,5-Trichlorotoluene	Ave	1.318	1.242	0.0500	37.7	40.0	-5.8	30.0
2-Methylnaphthalene	Ave	0.6424	0.6023	0.0500	37.5	40.0	-6.2	30.0
Hexachlorocyclopentadiene	Ave	0.2600	0.2421	0.0500	37.2	40.0	-6.9	30.0
2,4,6-Trichlorophenol	Ave	0.3232	0.3129	0.0500	38.7	40.0	-3.2	20.0
2,4,5-Trichlorophenol	Ave	0.3340	0.3233	0.0500	38.7	40.0	-3.2	30.0
1,1'-Biphenyl	Lin	1.362	1.178	0.0500	40.9	40.0	2.3	30.0
2-Chloronaphthalene	Ave	1.028	0.9142	0.0500	35.6	40.0	-11.1	30.0
2-Nitroaniline	Ave	0.3345	0.3413	0.0500	40.8	40.0	2.0	30.0
Dimethyl phthalate	Ave	1.093	1.119	0.0500	40.9	40.0	2.4	30.0
2,6-Dinitrotoluene	Ave	0.2634	0.2685	0.0500	40.8	40.0	1.9	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38298/1 Calibration Date: 05/10/2010 10:06

Instrument ID: MSZ Calib Start Date: 05/05/2010 09:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 05/05/2010 12:13

Lab File ID: Z16169.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.819	1.714	0.0500	37.7	40.0	-5.7	30.0
3-Nitroaniline	Ave	0.3209	0.3411	0.0500	42.5	40.0	6.3	30.0
Acenaphthene	Ave	1.160	1.035	0.0500	35.7	40.0	-10.8	20.0
2,4-Dinitrophenol	Lin	0.1295	0.1252	0.0500	38.7	40.0	-3.3	30.0
4-Nitrophenol	Ave	0.1550	0.1768	0.0500	45.6	40.0	14.0	30.0
2,4-Dinitrotoluene	Ave	0.3304	0.3285	0.0500	39.8	40.0	-0.6	30.0
Dibenzofuran	Ave	1.617	1.407	0.0500	34.8	40.0	-13.0	30.0
Diethyl phthalate	Ave	1.159	1.252	0.0500	43.2	40.0	8.1	30.0
Fluorene	Lin	1.221	1.098	0.0500	42.5	40.0	6.1	30.0
4-Chlorophenyl phenyl ether	Ave	0.5595	0.5164	0.0500	36.9	40.0	-7.7	30.0
4-Nitroaniline	Ave	0.3044	0.3295	0.0500	43.3	40.0	8.3	30.0
4,6-Dinitro-2-methylphenol	Lin	0.1067	0.1072	0.0500	37.9	40.0	-5.2	30.0
N-Nitrosodiphenylamine	Ave	0.5180	0.4788	0.0500	37.0	40.0	-7.6	20.0
1,2-Diphenylhydrazine	Ave	0.8074	0.7461	0.0500	37.0	40.0	-7.6	30.0
4-Bromophenyl phenyl ether	Ave	0.1849	0.1755	0.0500	38.0	40.0	-5.1	30.0
Hexachlorobenzene	Ave	0.2284	0.2103	0.0500	36.8	40.0	-7.9	30.0
Simazine	Ave	0.0917	0.1188	0.0500	51.8	40.0	29.5	30.0
Atrazine	Ave	0.1441	0.1818	0.0500	50.5	40.0	26.2	30.0
Pentachlorophenol	Ave	0.1237	0.1247	0.0500	40.3	40.0	0.8	20.0
Phenanthrene	Ave	0.9932	0.9035	0.0500	36.4	40.0	-9.0	30.0
Anthracene	Ave	1.003	0.9306	0.0500	37.1	40.0	-7.2	30.0
Carbazole	Ave	0.9145	0.9119	0.0500	39.9	40.0	-0.3	30.0
Di-n-butyl phthalate	Ave	0.8882	1.077	0.0500	48.5	40.0	21.3	30.0
Fluoranthene	Ave	0.9055	0.9717	0.0500	42.9	40.0	7.3	20.0
Benzidine	Ave	0.4517	0.6073	0.0500	53.8	40.0	34.5*	30.0
Pyrene	Ave	2.375	1.930	0.0500	32.5	40.0	-18.7	30.0
3,3'-Dimethylbenzidine	Ave	0.2412	0.4130	0.0500	68.5	40.0	71.2*	30.0
Butyl benzyl phthalate	Lin	0.5053	0.5793	0.0500	41.1	40.0	2.7	30.0
3,3'-Dichlorobenzidine	Lin	0.2328	0.2756	0.0500	43.4	40.0	8.6	30.0
Benzo[a]anthracene	Ave	1.010	1.047	0.0500	41.5	40.0	3.7	30.0
Chrysene	Ave	1.035	1.008	0.0500	38.9	40.0	-2.7	30.0
Bis(2-ethylhexyl) phthalate	Lin	0.6224	0.6650	0.0500	36.3	40.0	-9.3	30.0
Di-n-octyl phthalate	Lin	1.156	1.617	0.0500	44.9	40.0	12.2	20.0
Benzo[b]fluoranthene	Lin	1.027	1.177	0.0500	41.7	40.0	4.2	30.0
Benzo[k]fluoranthene	Ave	1.337	1.384	0.0500	41.4	40.0	3.5	30.0
Benzo[a]pyrene	Lin	0.9462	1.049	0.0500	38.8	40.0	-2.9	20.0
Indeno[1,2,3-cd]pyrene	Lin	0.8844	1.138	0.0500	40.1	40.0	0.3	30.0
Dibenz(a,h)anthracene	Lin	1.047	1.276	0.0500	39.4	40.0	-1.6	30.0
Benzo[g,h,i]perylene	Lin	1.159	1.346	0.0500	40.4	40.0	1.0	30.0
2-Fluorophenol	Ave	1.058	1.058	0.0500	40.0	40.0	0.0	30.0
Phenol-d5	Ave	1.442	1.383	0.0500	38.3	40.0	-4.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: CCVIS 220-38298/1 Calibration Date: 05/10/2010 10:06

Instrument ID: MSZ Calib Start Date: 05/05/2010 09:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 05/05/2010 12:13

Lab File ID: Z16169.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Nitrobenzene-d5	Ave	0.3346	0.3270	0.0500	39.1	40.0	-2.3	30.0
2-Fluorobiphenyl	Ave	1.225	1.101	0.0500	36.0	40.0	-10.1	30.0
2,4,6-Tribromophenol	Ave	0.1782	0.1943	0.0500	43.6	40.0	9.0	30.0
Terphenyl-d14	Ave	1.037	1.069	0.0500	41.3	40.0	3.1	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Z16169.D
Lab Smp Id: CCVIS-444088 Client Smp ID: CCVIS-444088
Inj Date : 10-MAY-2010 10:06
Operator : S.Jonas Inst ID: msz.i
Smp Info : CCVIS-444088
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\MSZ-8270C.m
Meth Date : 10-May-2010 10:33 stephan Quant Type: ISTD
Cal Date : 05-MAY-2010 09:18 Cal File: Z16136.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	5.004	5.004	(1.000)	11735	20.0000	
$ 2	2-Fluorophenol	112	3.551	3.551	(0.710)	24831	40.0000	40
$ 3	Phenol-d5	99	4.663	4.663	(0.932)	32455	40.0000	38
4	Pyridine	52	1.722	1.722	(0.344)	7145	40.0000	43
5	N-Nitrosodimethylamine	42	1.710	1.710	(0.342)	5303	40.0000	39
6	Cyclohexanone	42	3.780	3.780	(0.756)	14069	40.0000	40
128	Benzaldehyde	77	4.516	4.516	(0.902)	17557	40.0000	41
7	Phenol	94	4.674	4.674	(0.934)	38351	40.0000	38
8	Aniline	93	4.651	4.651	(0.929)	42670	40.0000	39
9	bis(2-Chloroethyl)ether	63	4.745	4.745	(0.948)	21211	40.0000	38
10	2-Chlorophenol	128	4.780	4.780	(0.955)	28844	40.0000	38
11	1,3-Dichlorobenzene	146	4.939	4.939	(0.987)	33050	40.0000	38
12	1,4-Dichlorobenzene	146	5.021	5.021	(1.004)	33423	40.0000	38
13	Benzyl alcohol	108	5.180	5.180	(1.035)	16720	40.0000	38
14	1,2-Dichlorobenzene	146	5.186	5.186	(1.036)	29507	40.0000	36
15	2,2'-oxybis(1-Chloropropane)	45	5.333	5.333	(1.066)	41914	40.0000	39
16	2-Methylphenol	108	5.321	5.321	(1.063)	27495	40.0000	38
92	Acetophenone	105	5.457	5.457	(1.091)	44358	40.0000	39
17	Hexachloroethane	117	5.551	5.551	(1.109)	14589	40.0000	39
18	N-Nitroso-di-n-propylamine	70	5.480	5.480	(1.095)	21980	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.492	5.492	(1.098)	28793	40.0000	38
*	20 Naphthalene-d8	136	6.374	6.374	(1.000)	54043	20.0000	
$	21 Nitrobenzene-d5	82	5.610	5.610	(0.880)	35344	40.0000	39
	22 Nitrobenzene	77	5.627	5.627	(0.883)	35345	40.0000	39
	23 Isophorone	82	5.898	5.898	(0.925)	62795	40.0000	39
	24 2-Nitrophenol	139	5.974	5.974	(0.937)	19308	40.0000	40
	25 2,4-Dimethylphenol	122	6.051	6.051	(0.949)	26933	40.0000	38
	26 Benzoic Acid	122	6.198	6.198	(0.972)	19877	40.0000	41(M)
	27 Bis(2-Chloroethoxy)methane	93	6.151	6.151	(0.965)	38265	40.0000	38
	28 2,4-Dichlorophenol	162	6.239	6.239	(0.979)	26835	40.0000	39
	29 1,2,4-Trichlorobenzene	180	6.321	6.321	(0.992)	29800	40.0000	38
	30 Naphthalene	128	6.398	6.398	(1.004)	94196	40.0000	35
	31 4-Chloroaniline	127	6.468	6.468	(1.015)	40411	40.0000	39
	32 Hexachlorobutadiene	225	6.557	6.557	(1.029)	18712	40.0000	38
	129 Caprolactam	113	6.874	6.874	(1.078)	10064	40.0000	43
	33 4-Chloro-3-methylphenol	107	7.015	7.015	(1.101)	31947	40.0000	41
	34 2-Methylnaphthalene	142	7.145	7.145	(1.121)	65105	40.0000	38
*	35 Acenaphthene-d10	164	8.256	8.256	(1.000)	33311	20.0000	
	36 2,4,5-Trichlorotoluene	159	7.104	7.104	(1.420)	29156	40.0000	38
	37 Hexachlorocyclopentadiene	237	7.327	7.327	(0.887)	16131	40.0000	37
	38 2,4,6-Trichlorophenol	196	7.457	7.457	(0.903)	20843	40.0000	39
	39 2,4,5-Trichlorophenol	196	7.492	7.492	(0.907)	21537	40.0000	39
$	40 2-Fluorobiphenyl	172	7.545	7.545	(0.914)	73350	40.0000	36
	130 1,1'-Biphenyl	154	7.651	7.651	(0.927)	78483	40.0000	41
	41 2-Chloronaphthalene	162	7.662	7.662	(0.928)	60907	40.0000	36
	42 2-Nitroaniline	65	7.780	7.780	(0.942)	22740	40.0000	41
	43 Acenaphthylene	152	8.098	8.098	(0.981)	114201	40.0000	38
	44 Dimethylphthalate	163	7.992	7.992	(0.968)	74535	40.0000	41
	45 2,6-Dinitrotoluene	165	8.045	8.045	(0.974)	17890	40.0000	41
	46 Acenaphthene	153	8.292	8.292	(1.004)	68926	40.0000	36
	47 3-Nitroaniline	138	8.221	8.221	(0.996)	22727	40.0000	43
	48 2,4-Dinitrophenol	184	8.321	8.321	(1.008)	8342	40.0000	39
	49 Dibenzofuran	168	8.474	8.474	(1.026)	93767	40.0000	35
	50 2,4-Dinitrotoluene	165	8.468	8.468	(1.026)	21885	40.0000	40
	51 4-Nitrophenol	109	8.409	8.409	(1.019)	11780	40.0000	46
	52 Fluorene	166	8.839	8.839	(1.071)	73128	40.0000	42
	53 4-Chlorophenyl-phenylether	204	8.851	8.851	(1.072)	34400	40.0000	37
	54 Diethylphthalate	149	8.745	8.745	(1.059)	83439	40.0000	43
	55 4-Nitroaniline	138	8.874	8.874	(1.075)	21952	40.0000	43
$	56 2,4,6-Tribromophenol	330	9.098	9.098	(1.102)	12941	40.0000	44
*	57 Phenanthrene-d10	188	9.833	9.833	(1.000)	59783	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.903	8.903	(0.905)	12820	40.0000	38
	59 N-Nitrosodiphenylamine (1)	169	8.974	8.974	(0.913)	57246	40.0000	37
	60 1,2-Diphenylhydrazine	77	9.015	9.015	(0.917)	89212	40.0000	37
	61 4-Bromophenyl-phenylether	248	9.368	9.368	(0.953)	20989	40.0000	38
	131 Atrazine	200	9.562	9.562	(0.972)	21735	40.0000	50
	62 Hexachlorobenzene	284	9.433	9.433	(0.959)	25150	40.0000	37
	63 Pentachlorophenol	266	9.645	9.645	(0.981)	14908	40.0000	40
	64 Phenanthrene	178	9.862	9.862	(1.003)	108025	40.0000	36
	65 Carbazole	167	10.092	10.092	(1.026)	109034	40.0000	40
	66 Anthracene	178	9.915	9.915	(1.008)	111262	40.0000	37
	67 Di-n-butylphthalate	149	10.480	10.480	(1.066)	128818	40.0000	49
	68 Fluoranthene	202	11.127	11.127	(1.132)	116176	40.0000	43
*	70 Chrysene-d12	240	12.780	12.780	(1.000)	30012	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	11.274	11.274	(0.882)	36453	40.0000	54
72	Pyrene	202	11.368	11.368	(0.890)	115874	40.0000	33
$ 73	Terphenyl-d14	244	11.544	11.544	(0.903)	64177	40.0000	41
74	Butylbenzylphthalate	149	12.086	12.086	(0.946)	34770	40.0000	41
124	3,3'-Dimethylbenzidine	212	12.062	12.062	(0.944)	24790	40.0000	68
75	3,3'-Dichlorobenzidine	252	12.739	12.739	(0.997)	16541	40.0000	43
76	Benzo(a)anthracene	228	12.762	12.762	(0.999)	62869	40.0000	41
77	Chrysene	228	12.815	12.815	(1.003)	60498	40.0000	39
78	Bis(2-Ethylhexyl)phthalate	149	12.821	12.821	(1.003)	39913	40.0000	36
* 79	Perylene-d12	264	15.074	15.074	(1.000)	13345	20.0000	
80	Di-n-octylphthalate	149	13.797	13.797	(0.915)	43160	40.0000	45(M)
81	Benzo(b)fluoranthene	252	14.397	14.397	(0.955)	31413	40.0000	42
82	Benzo(k)fluoranthene	252	14.444	14.444	(0.958)	36932	40.0000	41
83	Benzo(a)pyrene	252	14.968	14.968	(0.993)	28010	40.0000	39
84	Indeno(1,2,3-cd)pyrene	276	17.168	17.168	(1.139)	30383	40.0000	40
85	Dibenzo(a,h)anthracene	278	17.226	17.226	(1.143)	34064	40.0000	39
86	Benzo(g,h,i)perylene	276	17.715	17.715	(1.175)	35929	40.0000	40
167	Simazine	201	9.533	9.533	(0.969)	14199	40.0000	52

QC Flag Legend

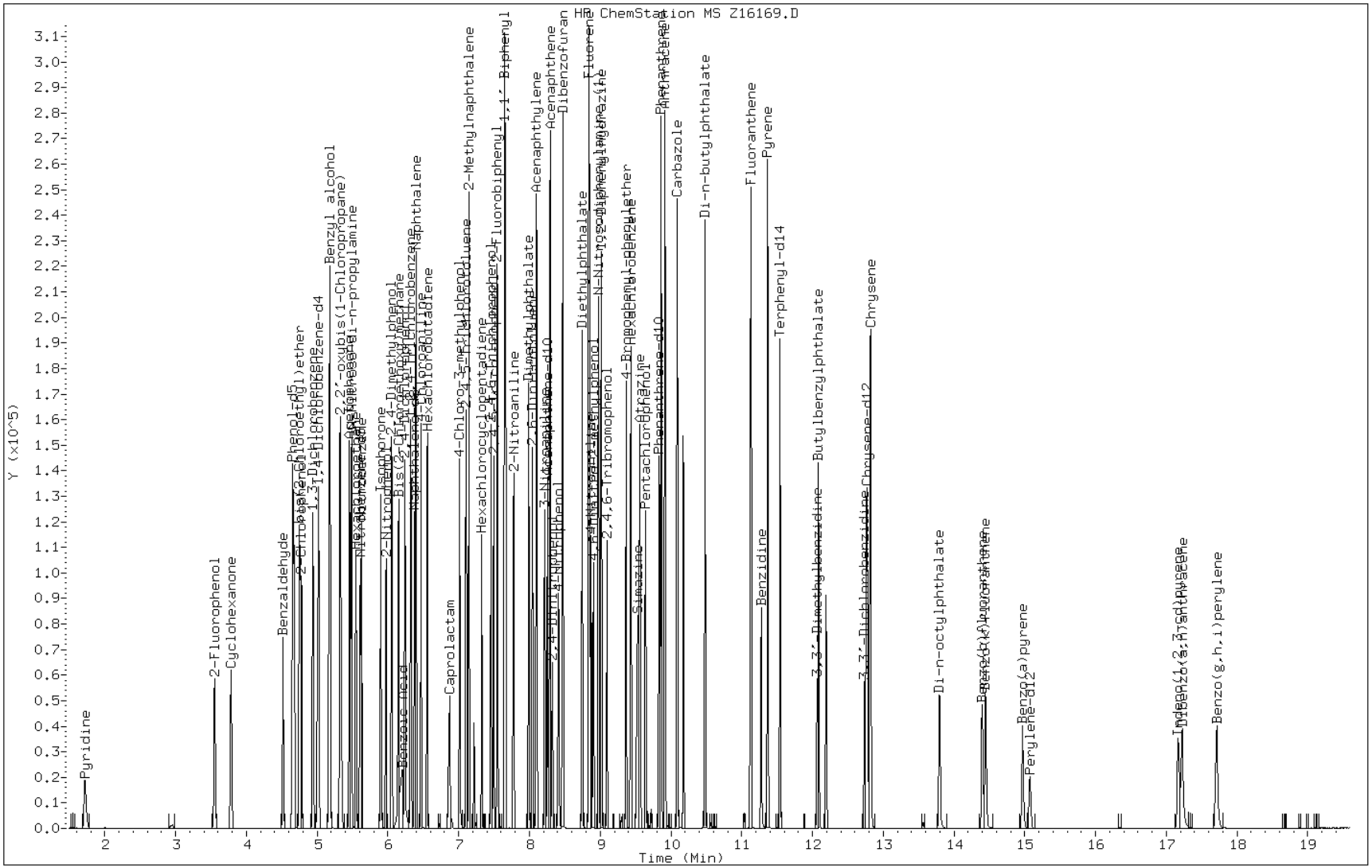
M - Compound response manually integrated.

Data File: Z16169.D

Date: 10-MAY-2010 10:06

Client ID: CCVIS-444088 Instrument: msz.i

Sample Info: CCVIS-444088 Operator: S.Jonas



Manual Integration Report

Data File: Z16169.D
Inj. Date and Time: 10-MAY-2010 10:06
Instrument ID: msz.i
Client ID: CCVIS-444088
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/11/2010

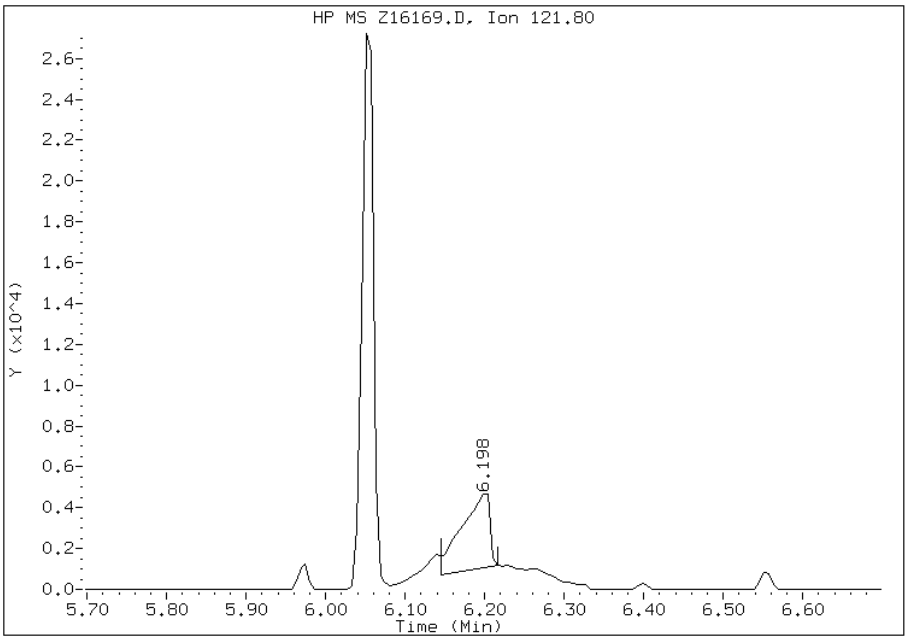
Processing Integration Results

RT: 6.20

Response: 9054

Amount: 22

Conc: 22



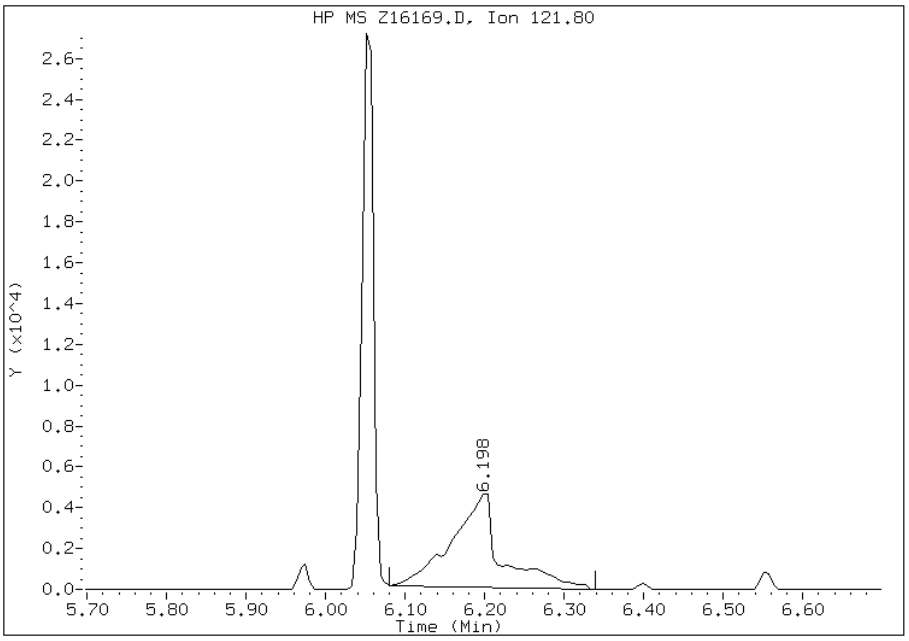
Manual Integration Results

RT: 6.20

Response: 19877

Amount: 41

Conc: 41



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

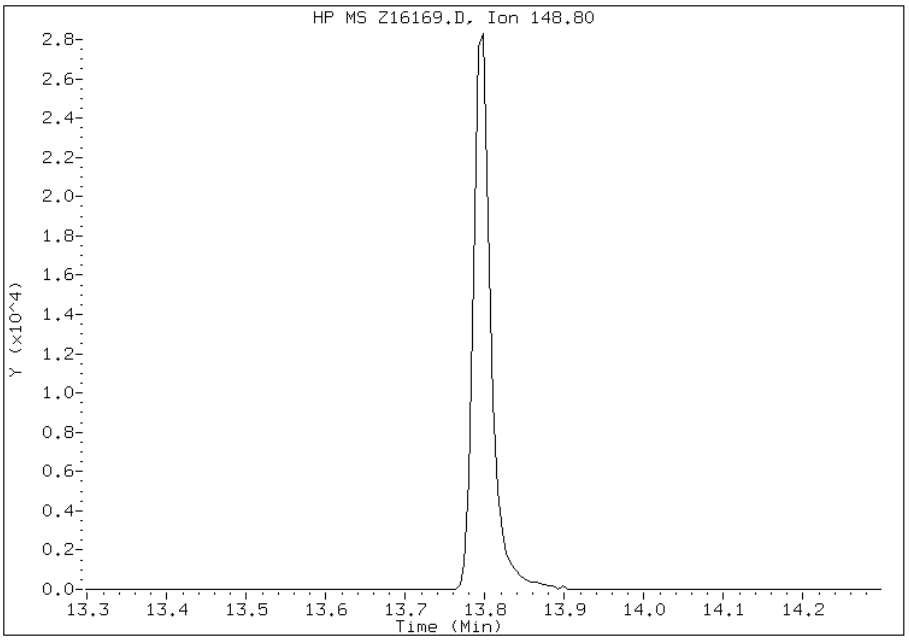
Manual Integration Report

Data File: Z16169.D
Inj. Date and Time: 10-MAY-2010 10:06
Instrument ID: msz.i
Client ID: CCVIS-444088
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/11/2010

Processing Integration Results

Not Detected

Expected RT: 13.80



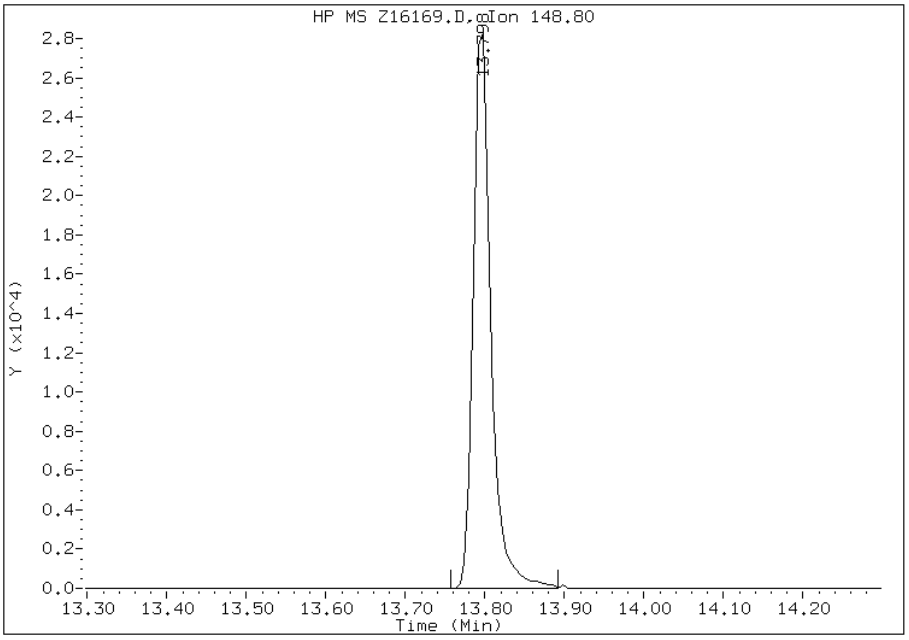
Manual Integration Results

RT: 13.80

Response: 43160

Amount: 45

Conc: 45



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Data file : \\consvr05\files\chem\BNA\msa.i\A1010882.b\As10882.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 06-MAY-2010 07:31
Operator : smith Inst ID: msa.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\chem\BNA\msa.i\A1010882.b\msadftppSW.m
Meth Date : 25-Jun-2009 10:09 stephan 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: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
9.773	9.749	0.024	198	401984			0.00- 100.00	100.00
9.773	7.746	2.027	51	199552			30.00- 60.00	49.64
9.773	7.746	2.027	68	2653			0.00- 2.00	1.38
9.773	7.746	2.027	69	192512			0.00- 100.00	47.89
9.773	7.746	2.027	70	618			0.00- 2.00	0.32
9.773	7.746	2.027	127	236928			40.00- 60.00	58.94
9.773	7.746	2.027	197	983			0.00- 1.00	0.24
9.773	7.746	2.027	199	26120			5.00- 9.00	6.50
9.773	7.746	2.027	275	68688			10.00- 30.00	17.09
9.773	7.746	2.027	365	6479			1.00- 100.00	1.61
9.773	7.746	2.027	441	32928			0.01- 99.99	72.44
9.773	7.746	2.027	442	232704			40.00- 100.00	57.89
9.773	7.746	2.027	443	45456			17.00- 23.00	19.53

Data File: As10882.D

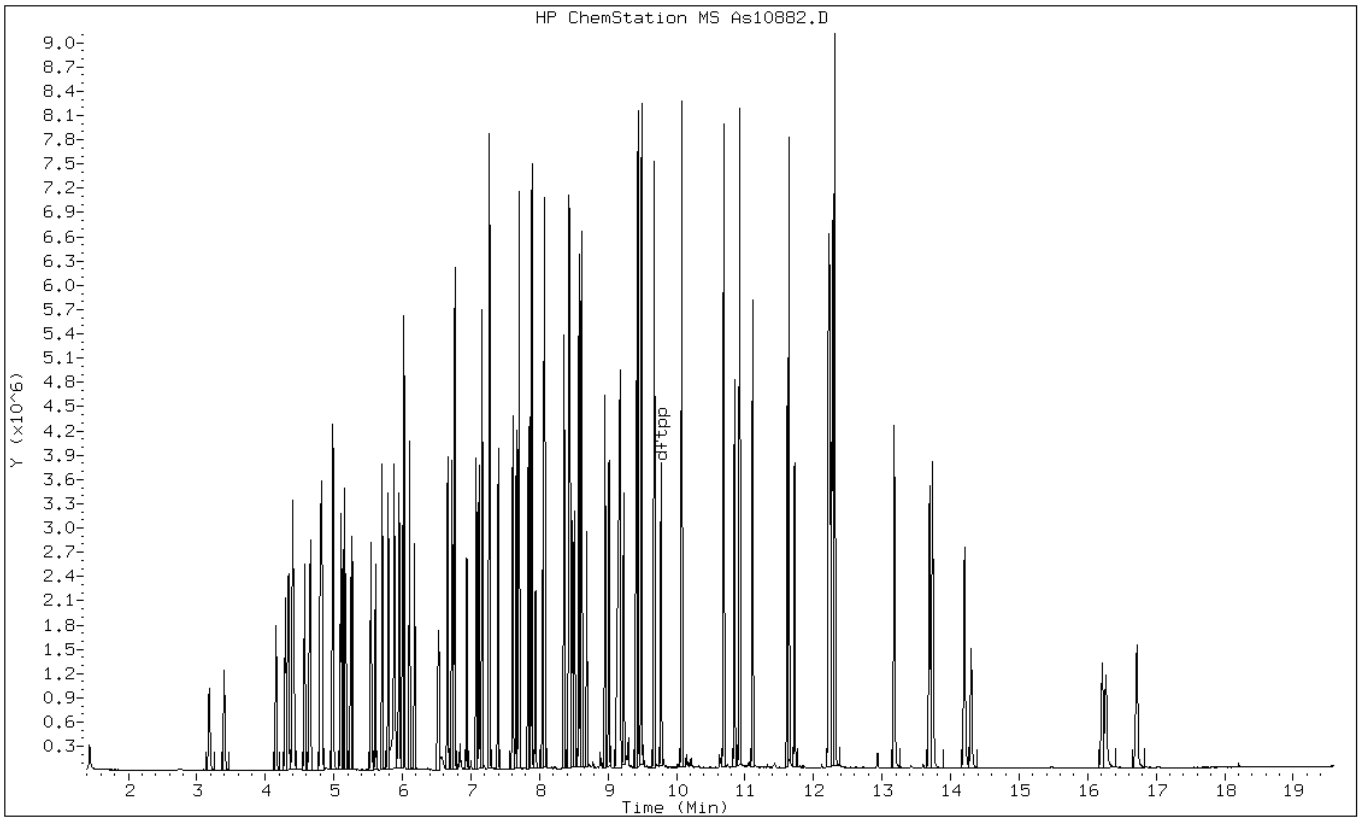
Date: 06-MAY-2010 07:31

Client ID: DFTPP

Instrument: msa.i

Sample Info: DFTPP

Operator: smith



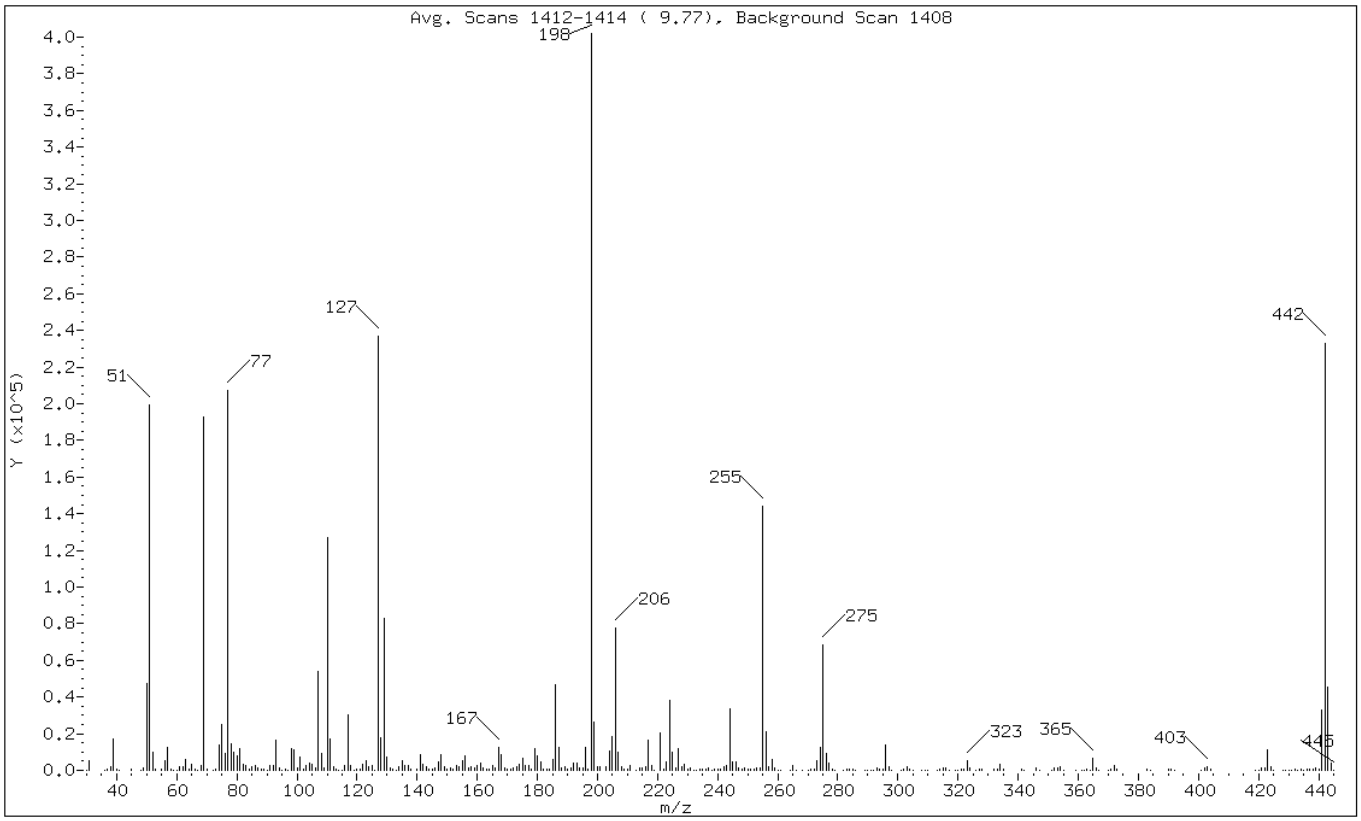
Data File: As10882.D

Date: 06-MAY-2010 07:31

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: smith

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	49.64
68	Less than 2.00% of mass 69	0.66 (1.38)
69	Less than 100.00% of mass 198	47.89
70	Less than 2.00% of mass 69	0.15 (0.32)
127	40.00 - 60.00% of mass 198	58.94
197	Less than 1.00% of mass 198	0.24
199	5.00 - 9.00% of mass 198	6.50
275	10.00 - 30.00% of mass 198	17.09
365	1.00 - 100.00% of mass 198	1.61
441	Present, but less than mass 443	8.19
442	40.00 - 100.00% of mass 198	57.89
443	17.00 - 23.00% of mass 442	11.31 (19.53)

Data File: As10882.D

Date: 06-MAY-2010 07:31

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: smith

Data File: \\Consvr05\Files\chem\BNA\msa.i\A1010882.b\As10882.D
Spectrum: Avg. Scans 1412-1414 (9.77), Background Scan 1408
Location of Maximum: 198.00
Number of points: 327

m/z	Y	m/z	Y	m/z	Y	m/z	Y
30.00	65	123.00	5051	207.00	9923	301.00	273
31.00	5389	124.00	2125	208.00	2148	302.00	361
36.00	126	125.00	2702	209.00	623	303.00	2054
37.00	936	126.00	119	210.00	566	304.00	554
38.00	2302	127.00	236928	211.00	2864	305.00	51
39.00	17344	128.00	17616	213.00	285	308.00	312
40.00	622	129.00	82648	214.00	1310	309.00	142
41.00	226	130.00	7198	215.00	1551	310.00	175
45.00	553	131.00	1304	216.00	2167	313.00	125
48.00	184	132.00	712	217.00	16608	314.00	845
49.00	1288	133.00	295	218.00	2308	315.00	1542
50.00	47528	134.00	1949	219.00	296	316.00	1022
51.00	199552	135.00	5534	221.00	20112	317.00	148
52.00	9892	136.00	2393	222.00	885	319.00	59
53.00	368	137.00	2928	223.00	4347	320.00	53
55.00	799	138.00	899	224.00	38272	321.00	564
56.00	5213	140.00	685	225.00	9747	322.00	365
57.00	12603	141.00	8642	226.00	1149	323.00	5481
58.00	498	142.00	3369	227.00	12027	324.00	1167
59.00	188	143.00	2054	228.00	1870	326.00	51
60.00	88	144.00	674	229.00	3014	327.00	939
61.00	1972	145.00	641	230.00	542	328.00	563
62.00	2012	146.00	1431	231.00	1504	332.00	489
63.00	6187	147.00	4282	232.00	244	333.00	438
64.00	930	148.00	8590	233.00	266	334.00	3398
65.00	3413	149.00	1977	234.00	747	335.00	941
66.00	332	150.00	856	235.00	957	341.00	620
67.00	176	151.00	1378	236.00	624	342.00	112
68.00	2653	152.00	794	237.00	1251	346.00	1019
69.00	192512	153.00	2580	238.00	229	347.00	237
70.00	618	154.00	2252	239.00	453	351.00	138
72.00	74	155.00	4990	240.00	399	352.00	1610
73.00	798	156.00	7669	241.00	922	353.00	1163
74.00	13968	157.00	1564	242.00	1897	354.00	1709
75.00	25288	158.00	1715	243.00	2472	355.00	248
76.00	9006	159.00	1128	244.00	33640	359.00	117
77.00	207552	160.00	2575	245.00	4335	361.00	56
78.00	14410	161.00	4157	246.00	4279	362.00	89
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83.00	2638	166.00	1301	251.00	408	367.00	69
84.00	830	167.00	12177	252.00	559	370.00	62
85.00	1956	168.00	8335	253.00	1198	371.00	419
86.00	2345	169.00	1493	254.00	1381	372.00	2885
87.00	1392	170.00	566	255.00	144256	373.00	831
88.00	769	171.00	715	256.00	21296	383.00	942
89.00	503	172.00	1575	257.00	1735	384.00	199
90.00	136	173.00	1912	258.00	6154	390.00	416
91.00	2523	174.00	3416	259.00	1121	391.00	341
92.00	2633	175.00	6351	260.00	56	392.00	169
93.00	16528	176.00	2489	261.00	210	401.00	113
94.00	1404	177.00	2640	264.00	266	402.00	1114
95.00	166	178.00	767	265.00	2576	403.00	1758
96.00	856	179.00	11522	266.00	303	404.00	670
97.00	31	180.00	8115	268.00	108	419.00	50
98.00	11753	181.00	4472	270.00	202	420.00	111
99.00	11223	182.00	739	271.00	475	421.00	1420
100.00	1125	183.00	533	272.00	671	422.00	1425
101.00	7498	184.00	750	273.00	5288	423.00	11205
102.00	590	185.00	6027	274.00	12198	424.00	2016
103.00	2669	186.00	46384	275.00	68688	425.00	327
104.00	4058	187.00	12386	276.00	9054	428.00	56
105.00	3406	188.00	1342	277.00	4094	429.00	184
106.00	1437	189.00	2104	278.00	790	430.00	143
107.00	54056	190.00	406	279.00	154	431.00	72
108.00	9115	191.00	1164	282.00	57	432.00	446
109.00	1597	192.00	3799	283.00	629	433.00	283
110.00	127152	193.00	3992	284.00	385	434.00	375
111.00	17200	194.00	1017	285.00	752	435.00	217
112.00	1945	195.00	1100	286.00	94	436.00	741
113.00	769	196.00	12625	289.00	61	437.00	673
114.00	46	197.00	983	290.00	104	438.00	942
115.00	121	198.00	401984	291.00	154	439.00	1047
116.00	2730	199.00	26120	292.00	206	440.00	359
117.00	30256	200.00	2130	293.00	1124	441.00	32928
118.00	2478	201.00	2059	294.00	368	442.00	232704
119.00	269	203.00	1827	295.00	440	443.00	45456
120.00	877	204.00	10278	296.00	13882	444.00	4193
121.00	410	205.00	18104	297.00	1887	445.00	208
122.00	3359	206.00	77944	298.00	136		

TestAmerica Inc

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\As10910.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 07-MAY-2010 10:12
Operator : smith Inst ID: msa.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\chem\BNA\msa.i\A1010910.b\msadftppSW.m
Meth Date : 25-Jun-2009 10:09 stephan 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: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
9.755	9.749	0.006	198	432832			0.00- 100.00	100.00
9.755	7.746	2.009	51	208256			30.00- 60.00	48.11
9.755	7.746	2.009	68	2808			0.00- 2.00	1.41
9.755	7.746	2.009	69	199680			0.00- 100.00	46.13
9.755	7.746	2.009	70	686			0.00- 2.00	0.34
9.755	7.746	2.009	127	252800			40.00- 60.00	58.41
9.755	7.746	2.009	197	1572			0.00- 1.00	0.36
9.755	7.746	2.009	199	29120			5.00- 9.00	6.73
9.755	7.746	2.009	275	75992			10.00- 30.00	17.56
9.755	7.746	2.009	365	7482			1.00- 100.00	1.73
9.755	7.746	2.009	441	38104			0.01- 99.99	73.64
9.755	7.746	2.009	442	262720			40.00- 100.00	60.70
9.755	7.746	2.009	443	51744			17.00- 23.00	19.70

Data File: As10910.D

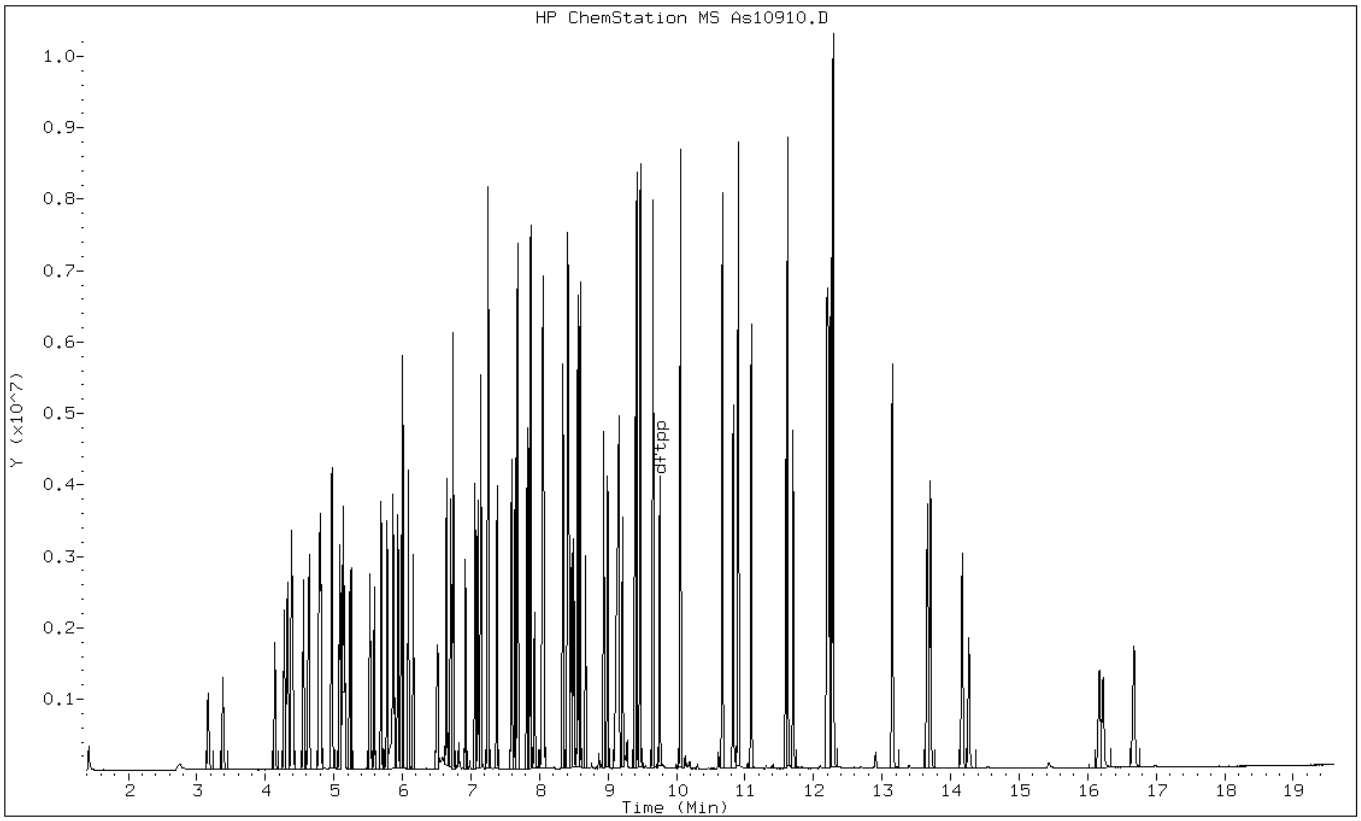
Date: 07-MAY-2010 10:12

Client ID: DFTPP

Instrument: msa.i

Sample Info: DFTPP

Operator: smith



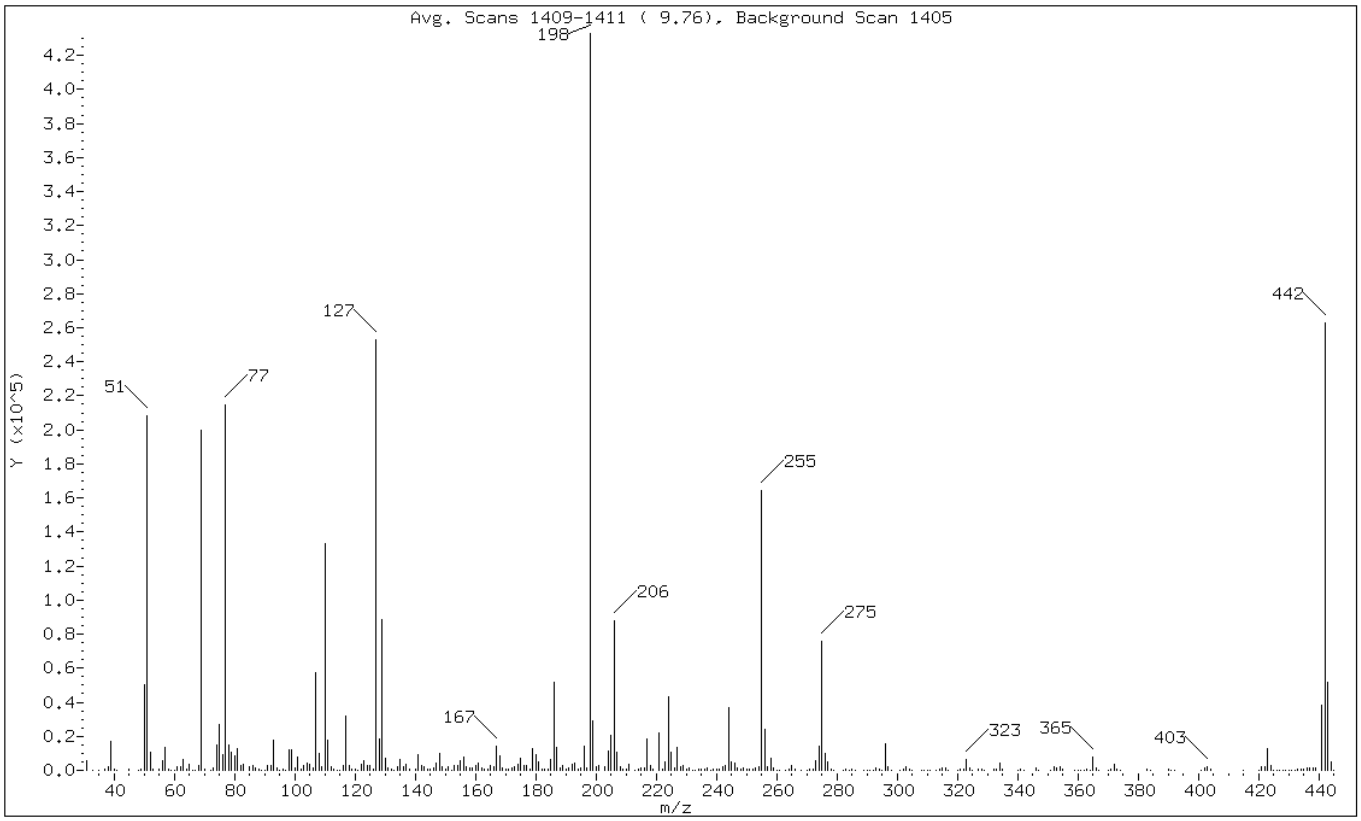
Data File: As10910.D

Date: 07-MAY-2010 10:12

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: smith

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	48.11
68	Less than 2.00% of mass 69	0.65 (1.41)
69	Less than 100.00% of mass 198	46.13
70	Less than 2.00% of mass 69	0.16 (0.34)
127	40.00 - 60.00% of mass 198	58.41
197	Less than 1.00% of mass 198	0.36
199	5.00 - 9.00% of mass 198	6.73
275	10.00 - 30.00% of mass 198	17.56
365	1.00 - 100.00% of mass 198	1.73
441	Present, but less than mass 443	8.80
442	40.00 - 100.00% of mass 198	60.70
443	17.00 - 23.00% of mass 442	11.95 (19.70)

Data File: As10910.D

Date: 07-MAY-2010 10:12

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: smith

Data File: \\consvr05\files\chem\BNA\msa.i\A1010910.b\As10910.D
Spectrum: Avg. Scans 1409-1411 (9.76), Background Scan 1405
Location of Maximum: 198.00
Number of points: 332

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	5523	126.00	660	213.00	291	309.00	265
33.00	51	127.00	252800	214.00	715	310.00	237
35.00	14	128.00	18392	215.00	1167	311.00	51
37.00	848	129.00	88400	216.00	1770	313.00	184
38.00	2405	130.00	7339	217.00	18192	314.00	882
39.00	17160	131.00	1489	218.00	2560	315.00	1634
40.00	680	132.00	868	219.00	389	316.00	1103
41.00	258	133.00	131	221.00	22152	317.00	215
45.00	387	134.00	2106	222.00	880	320.00	125
48.00	93	135.00	6228	223.00	4698	321.00	638
49.00	422	136.00	2457	224.00	43000	322.00	424
50.00	50520	137.00	3553	225.00	10397	323.00	6345
51.00	208256	138.00	955	226.00	1296	324.00	1093
52.00	10551	140.00	662	227.00	13217	325.00	205
53.00	531	141.00	9064	228.00	1921	327.00	1019
55.00	791	142.00	3087	229.00	3044	328.00	592
56.00	5504	143.00	2199	230.00	509	329.00	88
57.00	13201	144.00	558	231.00	1600	332.00	585
58.00	656	145.00	666	232.00	273	333.00	573
59.00	191	146.00	1677	233.00	225	334.00	4111
60.00	163	147.00	4411	234.00	877	335.00	1003
61.00	2287	148.00	9714	235.00	823	340.00	69
62.00	2374	149.00	2187	236.00	794	341.00	731
63.00	6623	150.00	795	237.00	1229	342.00	226
64.00	1005	151.00	2042	238.00	234	346.00	1361
65.00	3541	152.00	107	239.00	499	347.00	270
66.00	165	153.00	2864	240.00	465	351.00	51
67.00	200	154.00	2508	241.00	790	352.00	1962
68.00	2808	155.00	5356	242.00	2370	353.00	1614
69.00	199680	156.00	8013	243.00	2742	354.00	1971
70.00	686	157.00	1891	244.00	36560	355.00	372
72.00	115	158.00	1722	245.00	5008	359.00	121
73.00	1134	159.00	1178	246.00	4401	360.00	117
74.00	14797	160.00	2668	247.00	1090	361.00	207
75.00	26640	161.00	4539	248.00	359	362.00	178
76.00	9113	162.00	1293	249.00	1299	363.00	372
77.00	214976	163.00	416	250.00	407	364.00	176
78.00	14788	164.00	584	251.00	523	365.00	7482
79.00	10605	165.00	2715	252.00	577	366.00	1229
80.00	8440	166.00	1984	253.00	1333	367.00	58

81.00	12846	167.00	14001	254.00	2023	370.00	163
82.00	3137	168.00	8229	255.00	164608	371.00	655
83.00	3450	169.00	1539	256.00	24128	372.00	3336
85.00	1778	170.00	622	257.00	1918	373.00	878
86.00	2493	171.00	728	258.00	6902	374.00	125
87.00	1515	172.00	1314	259.00	1374	383.00	982
88.00	647	173.00	2067	260.00	253	384.00	216
89.00	336	174.00	3640	261.00	325	390.00	492
90.00	248	175.00	7402	263.00	179	391.00	340
91.00	2865	176.00	2897	264.00	363	392.00	192
92.00	2926	177.00	2915	265.00	2665	401.00	193
93.00	17504	178.00	895	266.00	499	402.00	1226
94.00	1519	179.00	12893	268.00	121	403.00	1945
95.00	352	180.00	9052	270.00	199	404.00	702
96.00	1039	181.00	4696	271.00	487	415.00	54
97.00	110	182.00	770	272.00	758	420.00	91
98.00	12152	183.00	624	273.00	5389	421.00	1930
99.00	11793	184.00	773	274.00	13973	422.00	1774
100.00	1346	185.00	6491	275.00	75992	423.00	12855
101.00	7559	186.00	51560	276.00	9991	424.00	2631
102.00	560	187.00	13479	277.00	4612	425.00	320
103.00	2917	188.00	1480	278.00	876	426.00	85
104.00	4138	189.00	2626	279.00	236	427.00	112
105.00	3833	190.00	432	282.00	78	428.00	152
106.00	1751	191.00	1246	283.00	550	429.00	119
107.00	57240	192.00	3859	284.00	337	430.00	171
108.00	9928	193.00	4188	285.00	937	431.00	254
109.00	1852	194.00	1045	286.00	143	432.00	351
110.00	133056	195.00	1135	289.00	234	433.00	358
111.00	18008	196.00	13827	290.00	199	434.00	568
112.00	2197	197.00	1572	291.00	157	435.00	969
113.00	699	198.00	432832	292.00	316	436.00	1174
114.00	88	199.00	29120	293.00	1149	437.00	1159
115.00	164	200.00	2130	294.00	516	438.00	1423
116.00	3075	201.00	2552	295.00	308	439.00	1168
117.00	32016	203.00	2147	296.00	15534	441.00	38104
118.00	2574	204.00	11617	297.00	2250	442.00	262720
119.00	527	205.00	20256	298.00	71	443.00	51744
120.00	748	206.00	87904	301.00	284	444.00	4665
121.00	318	207.00	10703	302.00	372	445.00	234
122.00	3382	208.00	2065	303.00	2090		
123.00	5484	209.00	863	304.00	533		
124.00	2588	210.00	520	305.00	75		
125.00	2807	211.00	3350	308.00	318		

TestAmerica Inc

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\Zs16136.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 05-MAY-2010 09:18
Operator : smith Inst ID: msz.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\chem\BNA\msz.i\Z1016091.b\mszdftppSW.m
Meth Date : 28-May-2009 13:44 stephan 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: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
10.215	10.277	-0.062	198	12597			0.00- 100.00	100.00
10.215	7.881	2.334	51	4761			30.00- 60.00	37.79
10.215	7.881	2.334	68	0	0.0	0.0	0.00- 2.00	0.00
10.215	7.881	2.334	69	5016			0.00- 100.00	39.82
10.215	7.881	2.334	70	0	0.0	0.0	0.00- 2.00	0.00
10.215	7.881	2.334	127	6047			40.00- 60.00	48.00
10.215	7.881	2.334	197	59			0.00- 1.00	0.47
10.215	7.881	2.334	199	823			5.00- 9.00	6.53
10.215	7.881	2.334	275	3286			10.00- 30.00	26.09
10.215	7.881	2.334	365	447			1.00- 100.00	3.55
10.215	7.881	2.334	441	1669			0.01- 99.99	83.95
10.215	7.881	2.334	442	11272			40.00- 100.00	89.48
10.215	7.881	2.334	443	1988			17.00- 23.00	17.64

Data File: Zs16136.D

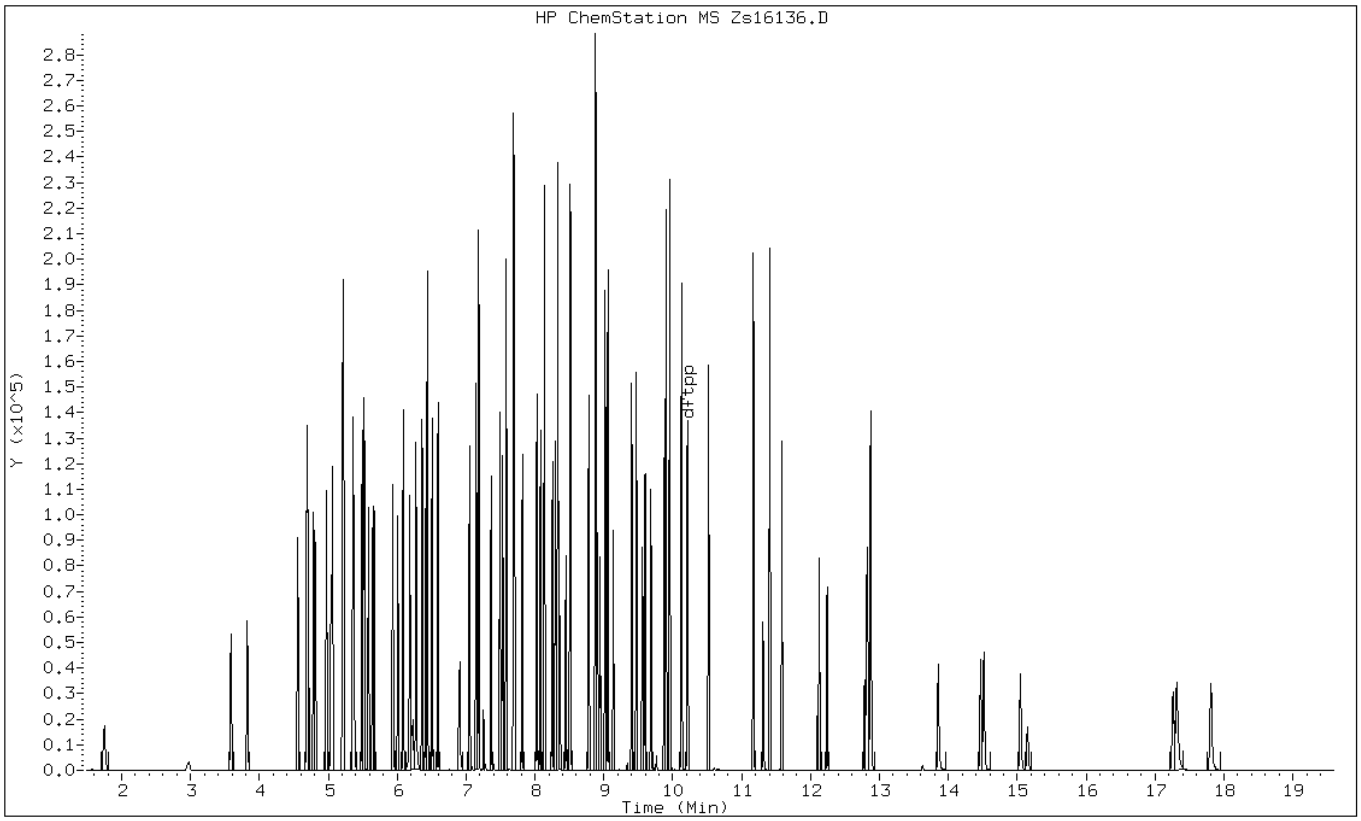
Date: 05-MAY-2010 09:18

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP

Operator: smith



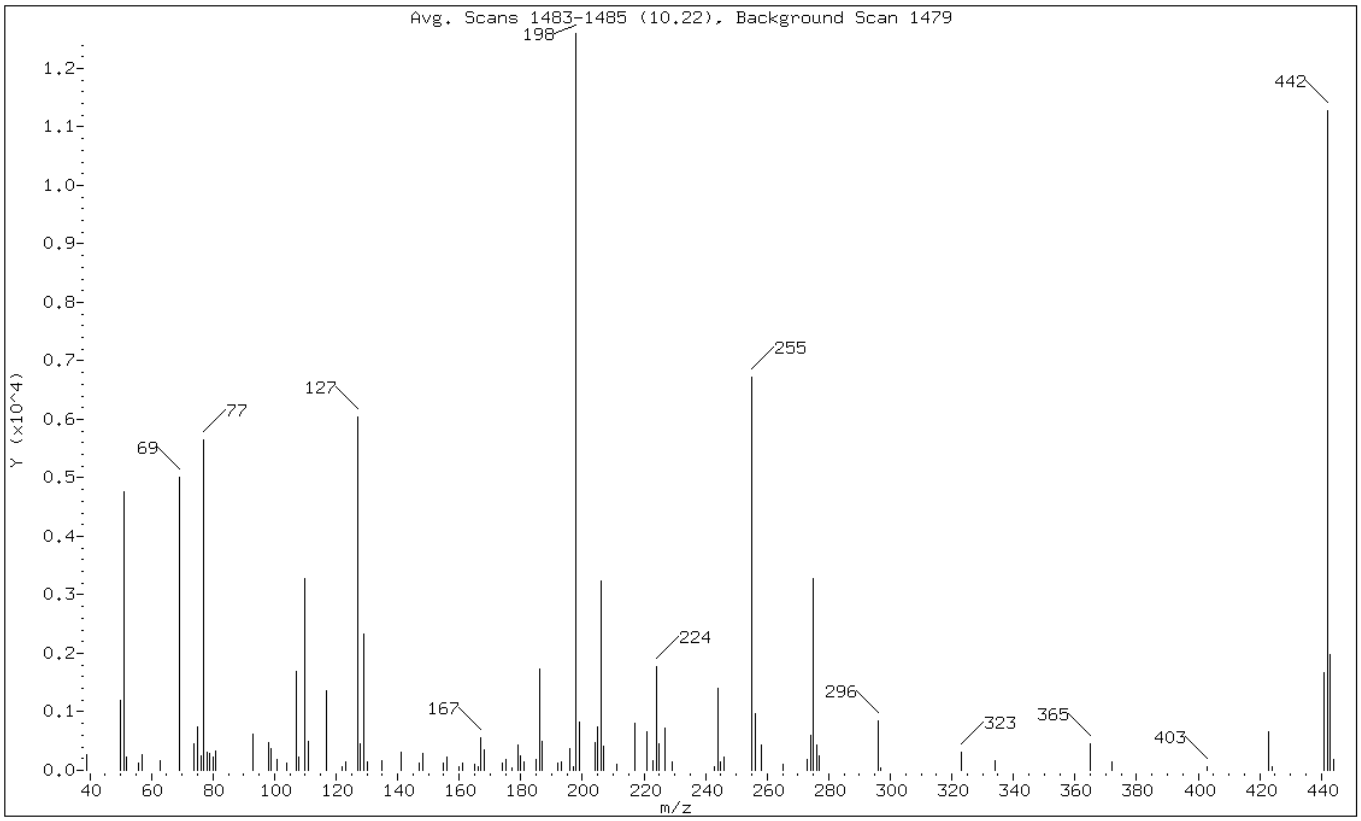
Data File: Zs16136.D

Date: 05-MAY-2010 09:18

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

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	37.79
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Less than 100.00% of mass 198	39.82
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.00
197	Less than 1.00% of mass 198	0.47
199	5.00 - 9.00% of mass 198	6.53
275	10.00 - 30.00% of mass 198	26.09
365	1.00 - 100.00% of mass 198	3.55
441	Present, but less than mass 443	13.25
442	40.00 - 100.00% of mass 198	89.48
443	17.00 - 23.00% of mass 442	15.78 (17.64)

Data File: Zs16136.D

Date: 05-MAY-2010 09:18

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

Data File: \\consvr05\Files\chem\BNA\msz.i\Z1016091.b\Zs16136.D
Spectrum: Avg. Scans 1483-1485 (10.22), Background Scan 1479
Location of Maximum: 198.00
Number of points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	271	117.00	1359	185.00	182	255.00	6720
50.00	1205	122.00	53	186.00	1729	256.00	979
51.00	4761	123.00	144	187.00	491	258.00	425
52.00	232	127.00	6047	192.00	118	265.00	109
56.00	121	128.00	456	193.00	138	273.00	181
57.00	278	129.00	2324	196.00	372	274.00	589
63.00	172	130.00	154	197.00	59	275.00	3286
69.00	5016	135.00	162	198.00	12597	276.00	441
74.00	456	141.00	318	199.00	823	277.00	246
75.00	744	147.00	115	204.00	465	296.00	843
76.00	253	148.00	289	205.00	746	297.00	51
77.00	5650	155.00	131	206.00	3247	323.00	312
78.00	317	156.00	218	207.00	406	334.00	157
79.00	282	160.00	55	211.00	107	365.00	447
80.00	221	161.00	122	217.00	796	372.00	146
81.00	325	165.00	112	221.00	650	403.00	52
93.00	617	166.00	59	223.00	161	423.00	666
98.00	478	167.00	563	224.00	1782	424.00	62
99.00	375	168.00	352	225.00	445	441.00	1669
101.00	188	174.00	124	227.00	714	442.00	11272
104.00	128	175.00	194	229.00	143	443.00	1988
107.00	1700	177.00	50	243.00	52	444.00	188
108.00	233	179.00	436	244.00	1409		
110.00	3286	180.00	246	245.00	142		
111.00	487	181.00	138	246.00	218		

TestAmerica Inc

Data file : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Zs16169.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 10-MAY-2010 10:06
Operator : smith Inst ID: msz.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\chem\BNA\msz.i\Z1016168.b\mszdftppSW.m
Meth Date : 28-May-2009 13:44 stephan 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: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
10.174	10.277	-0.103	198	14362			0.00- 100.00	100.00
10.174	7.881	2.293	51	6120			30.00- 60.00	42.61
10.174	7.881	2.293	68	0	0.0	0.0	0.00- 2.00	0.00
10.174	7.881	2.293	69	6273			0.00- 100.00	43.68
10.174	7.881	2.293	70	0	0.0	0.0	0.00- 2.00	0.00
10.174	7.881	2.293	127	7339			40.00- 60.00	51.10
10.174	7.881	2.293	197	0	0.0	0.0	0.00- 1.00	0.00
10.174	7.881	2.293	199	971			5.00- 9.00	6.76
10.174	7.881	2.293	275	3630			10.00- 30.00	25.28
10.174	7.881	2.293	365	470			1.00- 100.00	3.27
10.174	7.881	2.293	441	1745			0.01- 99.99	81.85
10.174	7.881	2.293	442	11721			40.00- 100.00	81.61
10.174	7.881	2.293	443	2132			17.00- 23.00	18.19

Data File: Zs16169.D

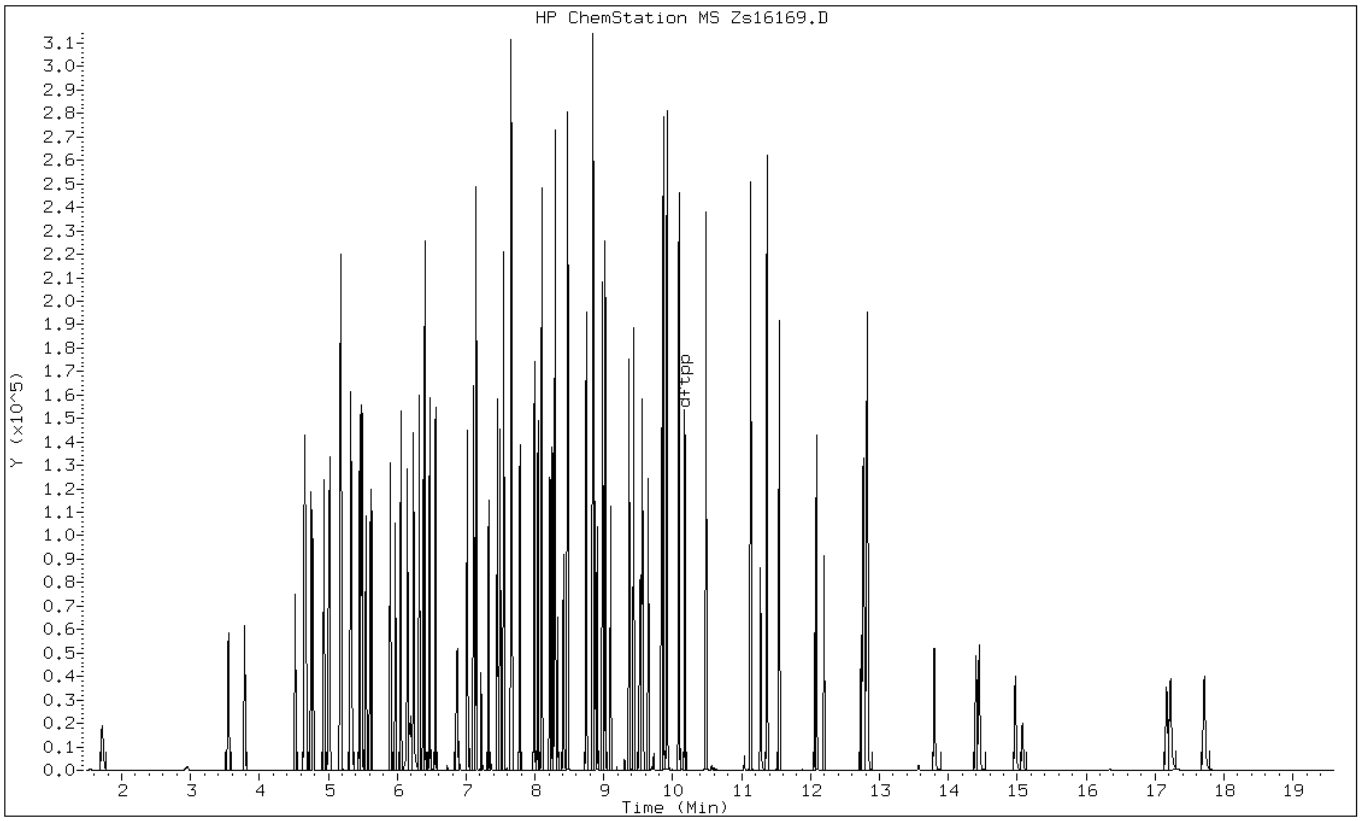
Date: 10-MAY-2010 10:06

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP

Operator: smith



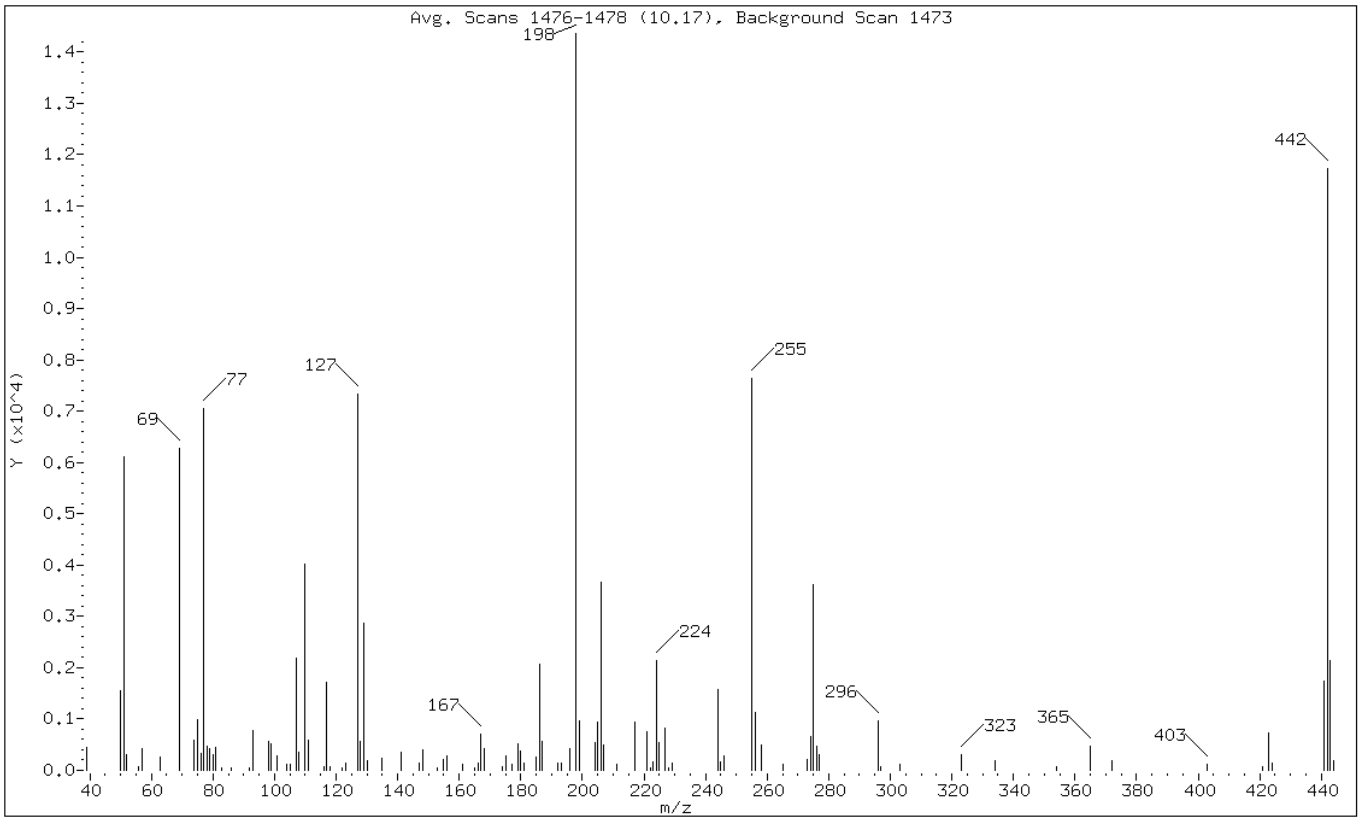
Data File: Zs16169.D

Date: 10-MAY-2010 10:06

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

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	42.61
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Less than 100.00% of mass 198	43.68
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.10
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.76
275	10.00 - 30.00% of mass 198	25.28
365	1.00 - 100.00% of mass 198	3.27
441	Present, but less than mass 443	12.15
442	40.00 - 100.00% of mass 198	81.61
443	17.00 - 23.00% of mass 442	14.84 (18.19)

Data File: Zs16169.D

Date: 10-MAY-2010 10:06

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

Data File: \\consvr05\files\chem\BNA\msz.i\Z1016168.b\Zs16169.D
Spectrum: Avg. Scans 1476-1478 (10.17), Background Scan 1473
Location of Maximum: 198.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	448	110.00	4028	180.00	370	255.00	7644
50.00	1563	111.00	591	181.00	143	256.00	1118
51.00	6120	116.00	65	185.00	255	258.00	485
52.00	301	117.00	1711	186.00	2068	265.00	125
56.00	74	118.00	63	187.00	562	273.00	214
57.00	418	122.00	51	192.00	138	274.00	648
63.00	258	123.00	148	193.00	146	275.00	3630
69.00	6273	127.00	7339	196.00	429	276.00	467
74.00	589	128.00	553	198.00	14362	277.00	310
75.00	993	129.00	2865	199.00	971	296.00	973
76.00	328	130.00	183	204.00	538	297.00	65
77.00	7062	135.00	233	205.00	942	303.00	109
78.00	469	141.00	345	206.00	3663	323.00	297
79.00	424	147.00	145	207.00	500	334.00	190
80.00	317	148.00	389	211.00	109	354.00	60
81.00	455	153.00	57	217.00	947	365.00	470
83.00	57	155.00	214	221.00	743	372.00	186
86.00	56	156.00	280	222.00	51	403.00	112
92.00	50	161.00	126	223.00	173	421.00	63
93.00	777	165.00	52	224.00	2132	423.00	718
98.00	554	166.00	130	225.00	530	424.00	135
99.00	519	167.00	698	227.00	834	441.00	1745
101.00	271	168.00	427	228.00	53	442.00	11721
104.00	118	174.00	60	229.00	145	443.00	2132
105.00	126	175.00	293	244.00	1583	444.00	187
107.00	2181	177.00	107	245.00	173		
108.00	341	179.00	523	246.00	286		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-38198/1-A

Matrix: Water | Lab File ID: A10913.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 11:42

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34
120-12-7	Anthracene	4.0	U	4.0	0.29
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
111-91-1	Bis(2-chloroethoxy)methane	4.0	U	4.0	0.31
111-44-4	Bis(2-chloroethyl)ether	4.0	U	4.0	0.29
117-81-7	Bis(2-ethylhexyl) phthalate	4.0	U	4.0	0.54
85-68-7	Butyl benzyl phthalate	4.0	U	4.0	0.35
86-74-8	Carbazole	4.0	U	4.0	0.33
218-01-9	Chrysene	4.0	U	4.0	0.25
84-74-2	Di-n-butyl phthalate	4.83		4.0	0.35
117-84-0	Di-n-octyl phthalate	4.0	U	4.0	0.38
101-55-3	4-Bromophenyl phenyl ether	4.0	U	4.0	0.44
106-47-8	4-Chloroaniline	4.0	U	4.0	0.29
91-58-7	2-Chloronaphthalene	4.0	U	4.0	0.39
7005-72-3	4-Chlorophenyl phenyl ether	4.0	U	4.0	0.35
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
132-64-9	Dibenzofuran	4.0	U	4.0	0.43
84-66-2	Diethyl phthalate	4.0	U	4.0	0.43
131-11-3	Dimethyl phthalate	4.0	U	4.0	0.38
95-50-1	1,2-Dichlorobenzene	4.0	U	4.0	0.31
541-73-1	1,3-Dichlorobenzene	4.0	U	4.0	0.25
106-46-7	1,4-Dichlorobenzene	4.0	U	4.0	0.31
91-94-1	3,3'-Dichlorobenzidine	4.0	U	4.0	0.36
121-14-2	2,4-Dinitrotoluene	4.0	U	4.0	0.40
606-20-2	2,6-Dinitrotoluene	4.0	U	4.0	0.26
206-44-0	Fluoranthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
118-74-1	Hexachlorobenzene	4.0	U	4.0	0.33
87-68-3	Hexachlorobutadiene	4.0	U	4.0	0.20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-38198/1-A

Matrix: Water | Lab File ID: A10913.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 11:42

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	4.0	U	4.0	0.35
67-72-1	Hexachloroethane	4.0	U	4.0	0.37
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
78-59-1	Isophorone	4.0	U	4.0	0.31
91-57-6	2-Methylnaphthalene	4.0	U	4.0	0.27
91-20-3	Naphthalene	4.0	U	4.0	0.30
88-74-4	2-Nitroaniline	4.0	U	4.0	0.34
99-09-2	3-Nitroaniline	4.0	U	4.0	0.23
98-95-3	Nitrobenzene	4.0	U	4.0	0.28
621-64-7	N-Nitrosodi-n-propylamine	4.0	U	4.0	0.33
86-30-6	N-Nitrosodiphenylamine	4.0	U	4.0	0.33
85-01-8	Phenanthrene	4.0	U	4.0	0.28
129-00-0	Pyrene	4.0	U	4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	4.0	U	4.0	0.36
59-50-7	4-Chloro-3-methylphenol	5.0	U	5.0	0.34
95-57-8	2-Chlorophenol	4.0	U	4.0	0.23
95-48-7	2-Methylphenol	4.0	U	4.0	0.24
106-44-5	4-Methylphenol	4.0	U	4.0	0.29
120-83-2	2,4-Dichlorophenol	4.0	U	4.0	0.33
105-67-9	2,4-Dimethylphenol	4.0	U	4.0	0.33
51-28-5	2,4-Dinitrophenol	25	U	25	0.43
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	1.9
88-75-5	2-Nitrophenol	4.0	U	4.0	0.27
100-02-7	4-Nitrophenol	10	U	10	1.4
87-86-5	Pentachlorophenol	25	U	25	0.31
108-95-2	Phenol	4.0	U	4.0	0.19
95-95-4	2,4,5-Trichlorophenol	10	U	10	0.28
88-06-2	2,4,6-Trichlorophenol	4.0	U	4.0	0.37
100-51-6	Benzyl alcohol	4.0	U	4.0	0.41
100-01-6	4-Nitroaniline	4.0	U	4.0	0.20
108-60-1	2,2'-oxybis[1-chloropropane]	4.0	U	4.0	0.25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-38198/1-A

Matrix: Water Lab File ID: A10913.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) Date Analyzed: 05/07/2010 11:42

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	65	39-120	
367-12-4	2-Fluorophenol	35	13-120	
118-79-6	2,4,6-Tribromophenol	59	36-120	
4165-60-0	Nitrobenzene-d5	62	40-120	
4165-62-2	Phenol-d5	24	10-120	
1718-51-0	Terphenyl-d14	63	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10913.D
Lab Smp Id: MB 220-38198/1-A Client Smp ID: MB 220-38198/1-A
Inj Date : 07-MAY-2010 11:42
Operator : S.Jonas Inst ID: msa.i
Smp Info : MB 220-38198/1-A
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

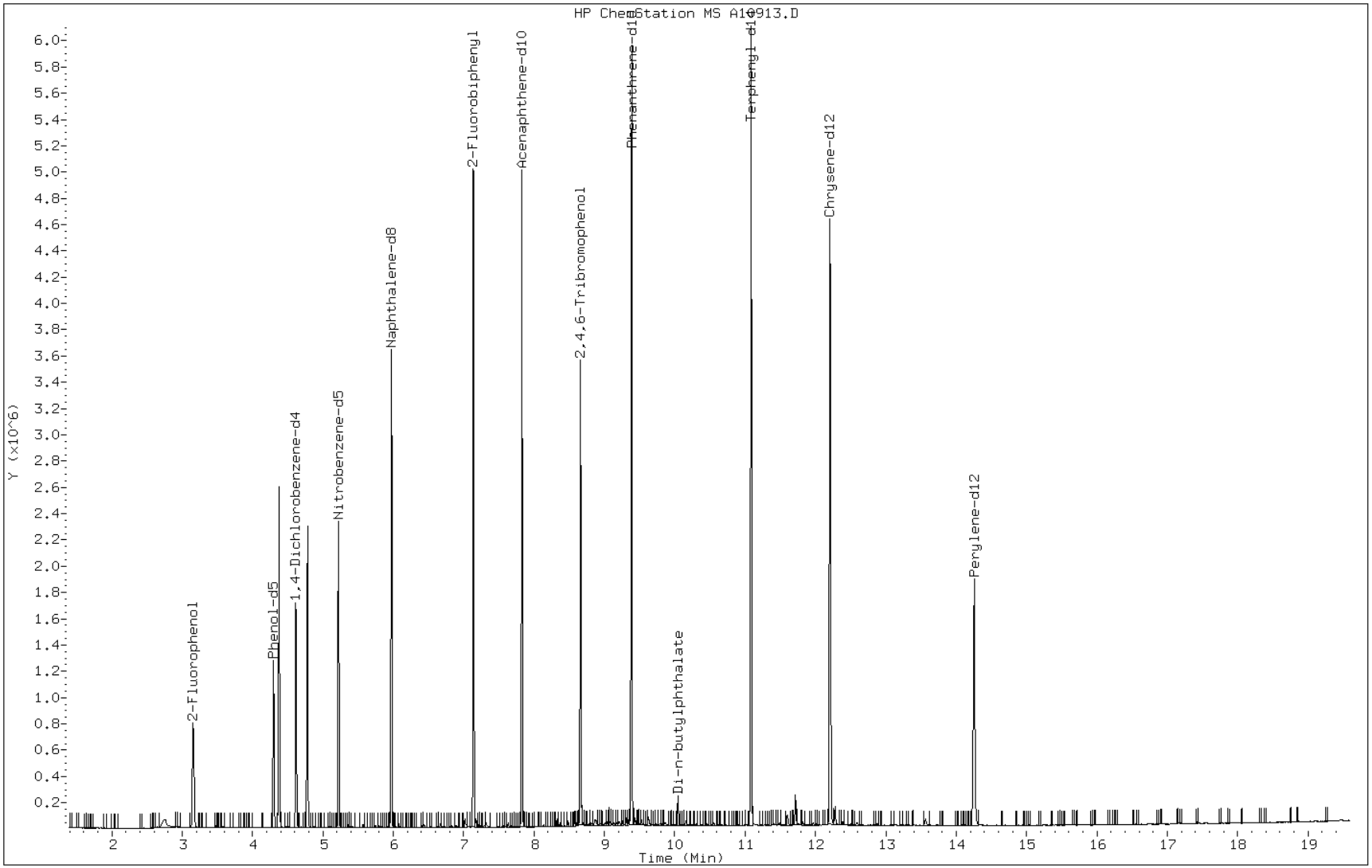
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.615	4.621	(1.000)	311821	20.0000	
$	2 2-Fluorophenol	112	3.155	3.161	(0.684)	388300	26.2490	26
$	3 Phenol-d5	99	4.300	4.318	(0.932)	441998	17.9811	18
*	20 Naphthalene-d8	136	5.974	5.980	(1.000)	1644605	20.0000	
$	21 Nitrobenzene-d5	82	5.220	5.232	(0.874)	737697	31.1491	31
*	35 Acenaphthene-d10	164	7.826	7.832	(1.000)	1257016	20.0000	
$	40 2-Fluorobiphenyl	172	7.143	7.149	(0.913)	1747327	32.5057	33
$	56 2,4,6-Tribromophenol	330	8.663	8.675	(1.107)	397281	44.1155	44
*	57 Phenanthrene-d10	188	9.387	9.393	(1.000)	2236986	20.0000	
	67 Di-n-butylphthalate	149	10.046	10.058	(1.070)	117786	4.82915	5
*	70 Chrysene-d12	240	12.206	12.224	(1.000)	1708544	20.0000	
$	73 Terphenyl-d14	244	11.084	11.091	(0.908)	2142530	31.5970	32
*	79 Perylene-d12	264	14.254	14.266	(1.000)	804743	20.0000	

Data File: A10913.D

Date: 07-MAY-2010 11:42

Client ID: MB 220-38198/1-A Instrument: msa.i

Sample Info: MB 220-38198/1-A Operator: S.Jonas



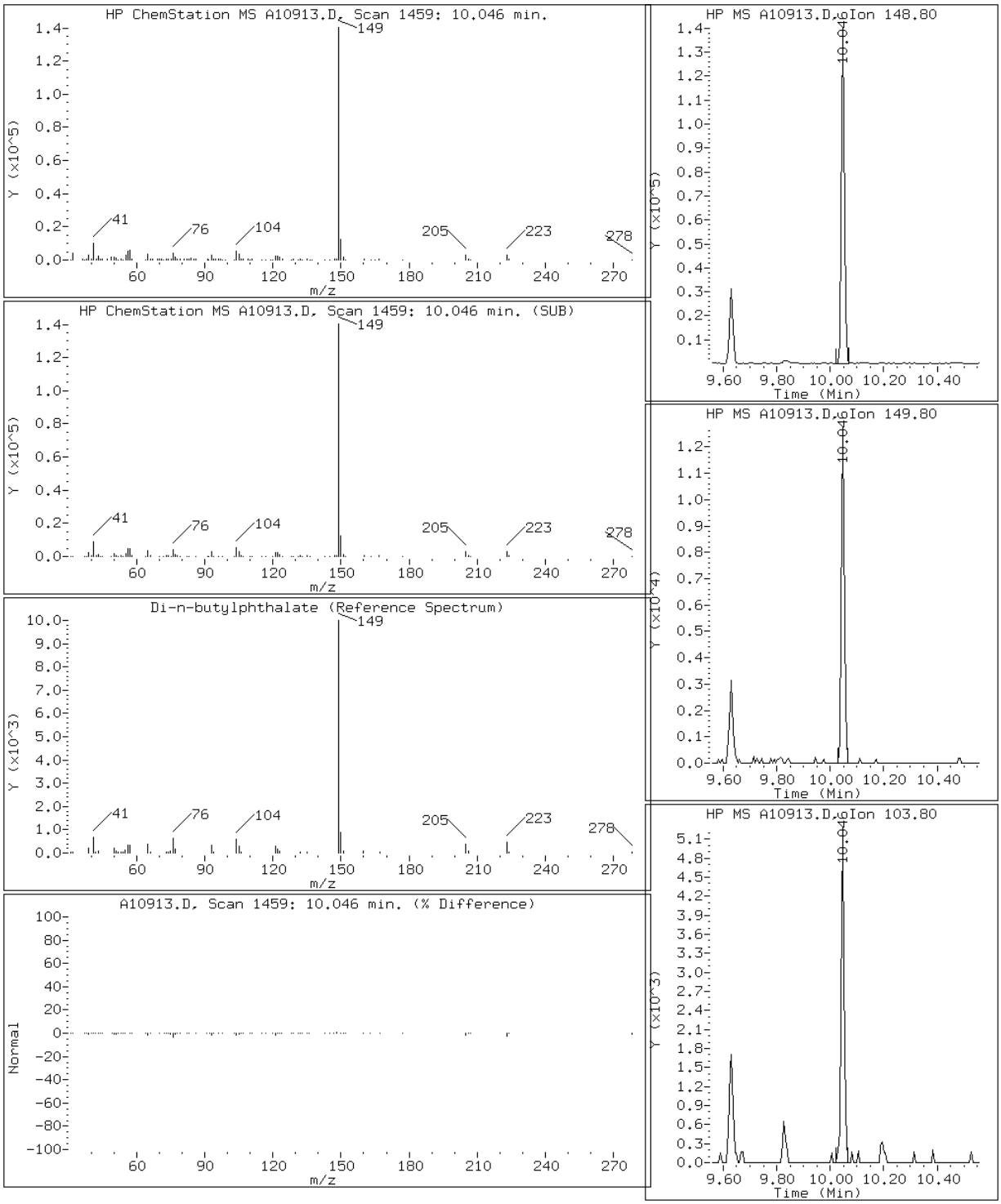
Data File: A10913.D

Date: 07-MAY-2010 11:42

Client ID: MB 220-38198/1-A Instrument: msa.i

Sample Info: MB 220-38198/1-A Operator: S.Jonas

67 Di-n-butylphthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-38198/2-A

Matrix: Water | Lab File ID: A10914.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 12:11

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	31.5		4.0	0.31
208-96-8	Acenaphthylene	28.9		4.0	0.34
120-12-7	Anthracene	29.6		4.0	0.29
56-55-3	Benzo[a]anthracene	35.5		4.0	0.30
50-32-8	Benzo[a]pyrene	29.4		4.0	0.35
205-99-2	Benzo[b]fluoranthene	33.6		4.0	0.36
191-24-2	Benzo[g,h,i]perylene	33.2		4.0	0.36
207-08-9	Benzo[k]fluoranthene	32.2		4.0	0.40
111-91-1	Bis(2-chloroethoxy)methane	29.2		4.0	0.31
111-44-4	Bis(2-chloroethyl)ether	21.9		4.0	0.29
117-81-7	Bis(2-ethylhexyl) phthalate	39.4		4.0	0.54
85-68-7	Butyl benzyl phthalate	37.9		4.0	0.35
86-74-8	Carbazole	31.8		4.0	0.33
218-01-9	Chrysene	33.3		4.0	0.25
84-74-2	Di-n-butyl phthalate	33.6		4.0	0.35
117-84-0	Di-n-octyl phthalate	38.8		4.0	0.38
101-55-3	4-Bromophenyl phenyl ether	30.3		4.0	0.44
106-47-8	4-Chloroaniline	28.2		4.0	0.29
91-58-7	2-Chloronaphthalene	35.2		4.0	0.39
7005-72-3	4-Chlorophenyl phenyl ether	30.5		4.0	0.35
53-70-3	Dibenz(a,h)anthracene	28.2		4.0	0.38
132-64-9	Dibenzofuran	31.1		4.0	0.43
84-66-2	Diethyl phthalate	32.5		4.0	0.43
131-11-3	Dimethyl phthalate	28.8		4.0	0.38
95-50-1	1,2-Dichlorobenzene	21.6		4.0	0.31
541-73-1	1,3-Dichlorobenzene	23.8		4.0	0.25
106-46-7	1,4-Dichlorobenzene	24.2		4.0	0.31
91-94-1	3,3'-Dichlorobenzidine	23.1		4.0	0.36
121-14-2	2,4-Dinitrotoluene	35.5		4.0	0.40
606-20-2	2,6-Dinitrotoluene	33.5		4.0	0.26
206-44-0	Fluoranthene	31.6		4.0	0.31
86-73-7	Fluorene	31.3		4.0	0.26
118-74-1	Hexachlorobenzene	30.8		4.0	0.33
87-68-3	Hexachlorobutadiene	22.5		4.0	0.20

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-38198/2-A

Matrix: Water | Lab File ID: A10914.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) | Date Analyzed: 05/07/2010 12:11

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	20.6		4.0	0.35
67-72-1	Hexachloroethane	21.9		4.0	0.37
193-39-5	Indeno[1,2,3-cd]pyrene	31.9		4.0	0.28
78-59-1	Isophorone	29.7		4.0	0.31
91-57-6	2-Methylnaphthalene	26.5		4.0	0.27
91-20-3	Naphthalene	24.6		4.0	0.30
88-74-4	2-Nitroaniline	31.8		4.0	0.34
99-09-2	3-Nitroaniline	30.7		4.0	0.23
98-95-3	Nitrobenzene	28.1		4.0	0.28
621-64-7	N-Nitrosodi-n-propylamine	30.6		4.0	0.33
86-30-6	N-Nitrosodiphenylamine	31.8		4.0	0.33
85-01-8	Phenanthrene	30.5		4.0	0.28
129-00-0	Pyrene	31.8		4.0	0.33
120-82-1	1,2,4-Trichlorobenzene	24.8		4.0	0.36
59-50-7	4-Chloro-3-methylphenol	29.8		5.0	0.34
95-57-8	2-Chlorophenol	26.6		4.0	0.23
95-48-7	2-Methylphenol	24.1		4.0	0.24
106-44-5	4-Methylphenol	40.6		4.0	0.29
120-83-2	2,4-Dichlorophenol	27.8		4.0	0.33
105-67-9	2,4-Dimethylphenol	28.4		4.0	0.33
51-28-5	2,4-Dinitrophenol	31.4		25	0.43
534-52-1	4,6-Dinitro-2-methylphenol	34.7		25	1.9
88-75-5	2-Nitrophenol	28.6		4.0	0.27
100-02-7	4-Nitrophenol	15.1		10	1.4
87-86-5	Pentachlorophenol	33.2		25	0.31
108-95-2	Phenol	12.2		4.0	0.19
95-95-4	2,4,5-Trichlorophenol	29.6		10	0.28
88-06-2	2,4,6-Trichlorophenol	29.1		4.0	0.37
100-51-6	Benzyl alcohol	24.1		4.0	0.41
100-01-6	4-Nitroaniline	32.9		4.0	0.20
108-60-1	2,2'-oxybis[1-chloropropane]	27.8		4.0	0.25

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-38198/2-A

Matrix: Water Lab File ID: A10914.D

Analysis Method: 8270C Date Collected:

Extract. Method: 3510C Date Extracted: 05/06/2010 08:50

Sample wt/vol: 1000(mL) Date Analyzed: 05/07/2010 12:11

Con. Extract Vol.: 1.0(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	71	39-120	
367-12-4	2-Fluorophenol	38	13-120	
118-79-6	2,4,6-Tribromophenol	62	36-120	
4165-60-0	Nitrobenzene-d5	68	40-120	
4165-62-2	Phenol-d5	27	10-120	
1718-51-0	Terphenyl-d14	70	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10914.D
Lab Smp Id: LCS 220-38198/2-A Client Smp ID: LCS 220-38198/2-A
Inj Date : 07-MAY-2010 12:11
Operator : S.Jonas Inst ID: msa.i
Smp Info : LCS 220-38198/2-A
Misc Info :
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.621	4.621	(1.000)	295839	20.0000	
$	2 2-Fluorophenol	112	3.161	3.161	(0.684)	403449	28.7465	29
$	3 Phenol-d5	99	4.306	4.318	(0.932)	466584	20.0067	20
	4 Pyridine	52	1.428	1.422	(0.309)	22093	12.3348	12
	5 N-Nitrosodimethylamine	42	1.422	1.422	(0.308)	24091	16.5971	17
	7 Phenol	94	4.324	4.330	(0.936)	282856	12.1949	12
	8 Aniline	93	4.277	4.277	(0.925)	605548	21.0560	21
	9 bis(2-Chloroethyl)ether	63	4.378	4.384	(0.947)	354940	21.8864	22
	10 2-Chlorophenol	128	4.401	4.401	(0.952)	517599	26.5680	27
	11 1,3-Dichlorobenzene	146	4.556	4.556	(0.986)	529730	23.8025	24
	12 1,4-Dichlorobenzene	146	4.639	4.639	(1.004)	539678	24.1504	24
	13 Benzyl alcohol	108	4.811	4.817	(1.041)	315627	24.0869	24
	14 1,2-Dichlorobenzene	146	4.799	4.799	(1.039)	499367	21.6122	22
	15 2,2'-oxybis(1-Chloropropane)	45	4.965	4.965	(1.074)	1009030	27.8315	28
	16 2-Methylphenol	108	4.959	4.971	(1.073)	454197	24.0787	24
	17 Hexachloroethane	117	5.155	5.155	(1.116)	227335	21.8944	22
	18 N-Nitroso-di-n-propylamine	70	5.108	5.114	(1.105)	460723	30.5503	31
	19 4-Methylphenol	108	5.143	5.137	(1.113)	896401	40.5779	41
*	20 Naphthalene-d8	136	5.980	5.980	(1.000)	1610504	20.0000	
$	21 Nitrobenzene-d5	82	5.226	5.232	(0.874)	788145	33.9839	34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	22 Nitrobenzene	77	5.250	5.256	(0.878)	631813	28.1082	28
	23 Isophorone	82	5.517	5.523	(0.923)	1350820	29.7422	30
	24 2-Nitrophenol	139	5.588	5.594	(0.935)	425203	28.6163	29
	25 2,4-Dimethylphenol	122	5.689	5.689	(0.951)	632230	28.4063	28
	26 Benzoic Acid	122	5.784	5.891	(0.967)	51425	2.82678	3(RH)
	27 Bis(2-Chloroethoxy)methane	93	5.778	5.778	(0.966)	856502	29.1943	29
	28 2,4-Dichlorophenol	162	5.856	5.862	(0.979)	606406	27.8019	28
	29 1,2,4-Trichlorobenzene	180	5.933	5.933	(0.992)	552106	24.8403	25
	30 Naphthalene	128	6.004	6.004	(1.004)	2044980	24.6287	25
	31 4-Chloroaniline	127	6.087	6.087	(1.018)	899038	28.1760	28
	32 Hexachlorobutadiene	225	6.158	6.158	(1.030)	215146	22.5340	23
	33 4-Chloro-3-methylphenol	107	6.627	6.645	(1.108)	704762	29.7680	30
	34 2-Methylnaphthalene	142	6.740	6.746	(1.127)	1525788	26.5143	27
*	35 Acenaphthene-d10	164	7.838	7.832	(1.000)	1250070	20.0000	
	37 Hexachlorocyclopentadiene	237	6.918	6.918	(0.883)	221793	20.5934	21
	38 2,4,6-Trichlorophenol	196	7.055	7.060	(0.900)	490865	29.0701	29
	39 2,4,5-Trichlorophenol	196	7.090	7.102	(0.905)	506401	29.5745	30
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.911)	1881615	35.6190	36
	41 2-Chloronaphthalene	162	7.250	7.256	(0.925)	1601990	35.2401	35
	42 2-Nitroaniline	65	7.375	7.381	(0.941)	587364	31.8347	32
	43 Acenaphthylene	152	7.684	7.684	(0.980)	3073844	28.8737	29
	44 Dimethylphthalate	163	7.601	7.595	(0.970)	2025715	28.8169	29
	45 2,6-Dinitrotoluene	165	7.648	7.648	(0.976)	575154	33.5402	34
	46 Acenaphthene	153	7.868	7.874	(1.004)	1820108	31.5040	32
	47 3-Nitroaniline	138	7.820	7.820	(0.998)	690007	30.6931	31
	48 2,4-Dinitrophenol	184	7.927	7.933	(1.011)	327911	31.4149	31
	49 Dibenzofuran	168	8.052	8.052	(1.027)	2614117	31.1099	31
	50 2,4-Dinitrotoluene	165	8.069	8.069	(1.030)	784850	35.5229	36
	51 4-Nitrophenol	109	8.028	8.040	(1.024)	105221	15.0956	15(H)
	52 Fluorene	166	8.414	8.414	(1.073)	2178565	31.2632	31
	53 4-Chlorophenyl-phenylether	204	8.426	8.432	(1.075)	826098	30.4676	30
	54 Diethylphthalate	149	8.342	8.342	(1.064)	2528947	32.4668	32
	55 4-Nitroaniline	138	8.467	8.473	(1.080)	824629	32.8788	33
$	56 2,4,6-Tribromophenol	330	8.675	8.675	(1.107)	414123	46.2412	46
*	57 Phenanthrene-d10	188	9.393	9.393	(1.000)	2299600	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.497	8.503	(0.905)	462899	34.7439	35
	59 N-Nitrosodiphenylamine (1)	169	8.562	8.562	(0.912)	1740906	31.7567	32
	60 1,2-Diphenylhydrazine	77	8.598	8.598	(0.915)	2582486	30.0396	30
	61 4-Bromophenyl-phenylether	248	8.942	8.942	(0.952)	498128	30.3103	30
	62 Hexachlorobenzene	284	8.995	9.001	(0.958)	550660	30.8289	31
	63 Pentachlorophenol	266	9.209	9.215	(0.980)	381178	33.2322	33
	64 Phenanthrene	178	9.423	9.423	(1.003)	3464038	30.4572	30
	65 Carbazole	167	9.654	9.660	(1.028)	3801226	31.8328	32
	66 Anthracene	178	9.476	9.476	(1.009)	3496223	29.6497	30
	67 Di-n-butylphthalate	149	10.052	10.058	(1.070)	5232617	33.5779	34
	68 Fluoranthene	202	10.669	10.676	(1.136)	3604771	31.5968	32
*	70 Chrysene-d12	240	12.218	12.224	(1.000)	1622537	20.0000	
	72 Pyrene	202	10.901	10.907	(0.892)	3761397	31.8488	32
$	73 Terphenyl-d14	244	11.091	11.091	(0.908)	2268023	35.2206	35
	74 Butylbenzylphthalate	149	11.619	11.619	(0.951)	2311623	37.9331	38
	75 3,3'-Dichlorobenzidine	252	12.189	12.194	(0.998)	558018	23.1383	23
	76 Benzo(a)anthracene	228	12.206	12.206	(0.999)	2706179	35.5374	36
	77 Chrysene	228	12.254	12.254	(1.003)	2524732	33.3044	33
	78 Bis(2-Ethylhexyl)phthalate	149	12.284	12.289	(1.005)	3774039	39.4121	39

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
* 79 Perylene-d12	264	14.260	14.266	(1.000)	861183	20.0000	
80 Di-n-octylphthalate	149	13.150	13.150	(0.922)	4069044	38.8483	39
81 Benzo(b)fluoranthene	252	13.660	13.666	(0.958)	1959371	33.6198	34
82 Benzo(k)fluoranthene	252	13.702	13.708	(0.961)	1916458	32.2034	32
83 Benzo(a)pyrene	252	14.165	14.171	(0.993)	1305775	29.4391	29
84 Indeno(1,2,3-cd)pyrene	276	16.159	16.171	(1.133)	792075	31.9389	32
85 Dibenzo(a,h)anthracene	278	16.213	16.225	(1.137)	678264	28.1868	28
86 Benzo(g,h,i)perylene	276	16.664	16.676	(1.169)	1012541	33.1547	33

QC Flag Legend

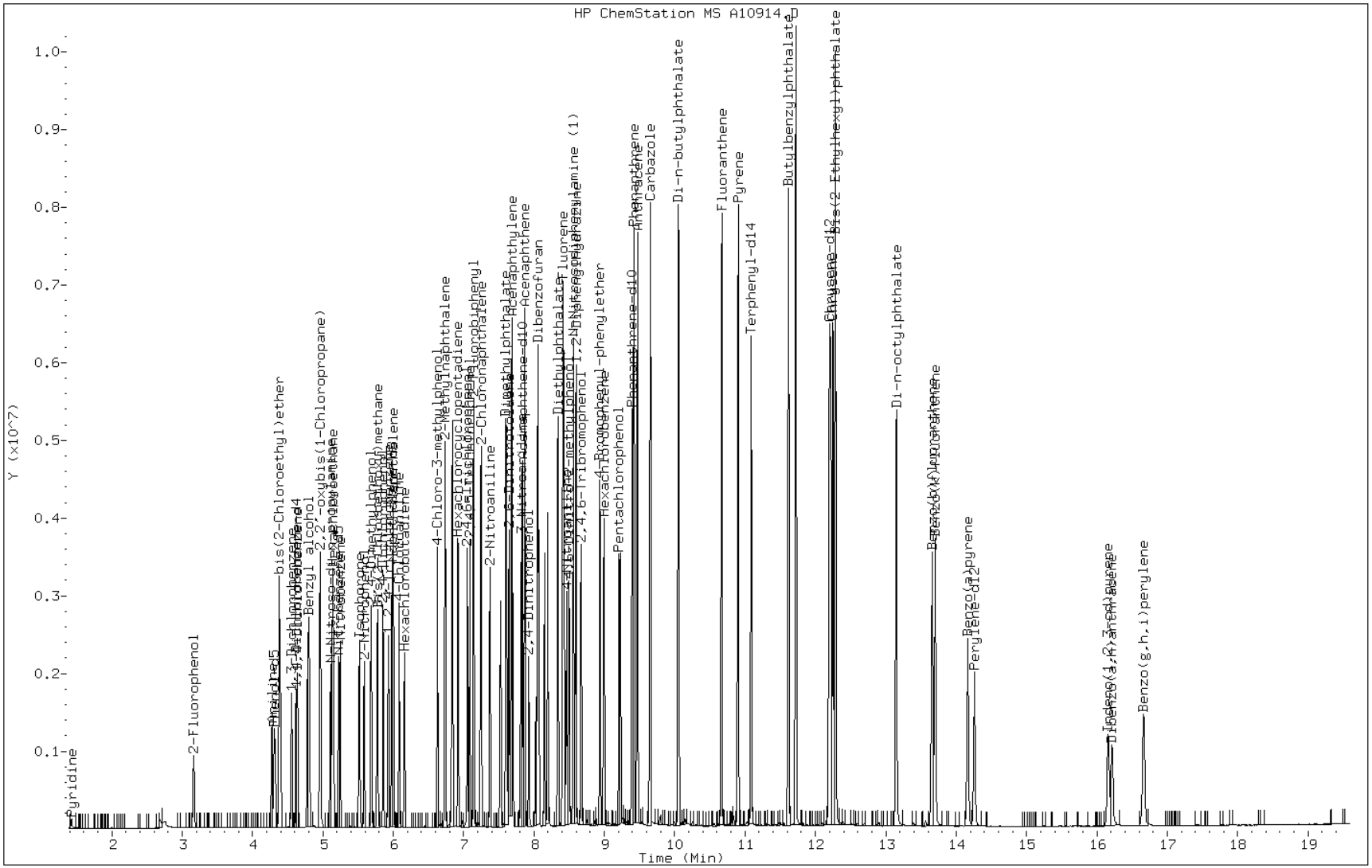
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: A10914.D

Date: 07-MAY-2010 12:11

Client ID: LCS 220-38198/2-A Instrument: msa.i

Sample Info: LCS 220-38198/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MS | Lab Sample ID: 220-12107-7 MS

Matrix: Water | Lab File ID: A10922.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 15:58

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	38.2		4.2	0.32
208-96-8	Acenaphthylene	35.3		4.2	0.35
120-12-7	Anthracene	35.5		4.2	0.30
56-55-3	Benzo[a]anthracene	43.0		4.2	0.31
50-32-8	Benzo[a]pyrene	36.4		4.2	0.36
205-99-2	Benzo[b]fluoranthene	42.9		4.2	0.38
191-24-2	Benzo[g,h,i]perylene	35.4		4.2	0.38
207-08-9	Benzo[k]fluoranthene	39.9		4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	34.9		4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	33.3		4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	50.1		4.2	0.56
85-68-7	Butyl benzyl phthalate	49.8		4.2	0.36
86-74-8	Carbazole	39.1		4.2	0.34
218-01-9	Chrysene	40.2		4.2	0.26
84-74-2	Di-n-butyl phthalate	41.4		4.2	0.36
117-84-0	Di-n-octyl phthalate	65.8		4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	35.6		4.2	0.46
106-47-8	4-Chloroaniline	33.2		4.2	0.30
91-58-7	2-Chloronaphthalene	45.8		4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	36.3		4.2	0.36
53-70-3	Dibenz(a,h)anthracene	35.0		4.2	0.40
132-64-9	Dibenzofuran	38.3		4.2	0.45
84-66-2	Diethyl phthalate	38.7		4.2	0.45
131-11-3	Dimethyl phthalate	33.3		4.2	0.40
95-50-1	1,2-Dichlorobenzene	25.5		4.2	0.32
541-73-1	1,3-Dichlorobenzene	26.8		4.2	0.26
106-46-7	1,4-Dichlorobenzene	27.2		4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	9.08		4.2	0.38
121-14-2	2,4-Dinitrotoluene	42.4		4.2	0.42
606-20-2	2,6-Dinitrotoluene	40.2		4.2	0.27
206-44-0	Fluoranthene	37.9		4.2	0.32
86-73-7	Fluorene	37.2		4.2	0.27
118-74-1	Hexachlorobenzene	35.5		4.2	0.34
87-68-3	Hexachlorobutadiene	27.5		4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MS | Lab Sample ID: 220-12107-7 MS

Matrix: Water | Lab File ID: A10922.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 15:58

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	24.9		4.2	0.36
67-72-1	Hexachloroethane	22.4		4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	38.2		4.2	0.29
78-59-1	Isophorone	36.0		4.2	0.32
91-57-6	2-Methylnaphthalene	32.3		4.2	0.28
91-20-3	Naphthalene	29.4		4.2	0.31
88-74-4	2-Nitroaniline	38.1		4.2	0.35
99-09-2	3-Nitroaniline	33.8		4.2	0.24
98-95-3	Nitrobenzene	32.8		4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	37.2		4.2	0.34
86-30-6	N-Nitrosodiphenylamine	37.9		4.2	0.34
85-01-8	Phenanthrene	35.2		4.2	0.29
129-00-0	Pyrene	38.5		4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	28.7		4.2	0.38
59-50-7	4-Chloro-3-methylphenol	36.0		5.2	0.35
95-57-8	2-Chlorophenol	31.6		4.2	0.24
95-48-7	2-Methylphenol	31.4		4.2	0.25
106-44-5	4-Methylphenol	54.2		4.2	0.30
120-83-2	2,4-Dichlorophenol	32.6		4.2	0.34
105-67-9	2,4-Dimethylphenol	35.9		4.2	0.34
51-28-5	2,4-Dinitrophenol	37.9		26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	38.2		26	1.9
88-75-5	2-Nitrophenol	34.3		4.2	0.28
100-02-7	4-Nitrophenol	28.2		10	1.5
87-86-5	Pentachlorophenol	39.0		26	0.32
108-95-2	Phenol	21.7		4.2	0.20
95-95-4	2,4,5-Trichlorophenol	36.7		10	0.29
88-06-2	2,4,6-Trichlorophenol	34.8		4.2	0.39
100-51-6	Benzyl alcohol	34.1		4.2	0.43
100-01-6	4-Nitroaniline	38.9		4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	32.0		4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MS | Lab Sample ID: 220-12107-7 MS

Matrix: Water | Lab File ID: A10922.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 15:58

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	80	39-120	
367-12-4	2-Fluorophenol	54	13-120	
118-79-6	2,4,6-Tribromophenol	67	36-120	
4165-60-0	Nitrobenzene-d5	73	40-120	
4165-62-2	Phenol-d5	46	10-120	
1718-51-0	Terphenyl-d14	78	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10922.D
Lab Smp Id: 220-12107-B-7-C MS Client Smp ID: MW-10
Inj Date : 07-MAY-2010 15:58
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-7-C MS
Misc Info : 220-12107-B-7-C MS
Comment :
Method : \\consvr05\files\chem\BNA\msa.i\A1010910.b\MSA-8270C.m
Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 12 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	0.50000	Volume of final extract (mL)
Vo	480.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.621	4.621	(1.000)	299031	20.0000	
$	2 2-Fluorophenol	112	3.167	3.161	(0.685)	578820	40.8017	43
$	3 Phenol-d5	99	4.318	4.318	(0.935)	806240	34.2018	36
	4 Pyridine	52	1.428	1.422	(0.309)	35736	19.7389	21
	5 N-Nitrosodimethylamine	42	1.422	1.422	(0.308)	36719	25.0269	26
	7 Phenol	94	4.330	4.330	(0.937)	488310	20.8281	22
	8 Aniline	93	4.277	4.277	(0.925)	794696	27.3381	28
	9 bis(2-Chloroethyl)ether	63	4.384	4.384	(0.949)	524005	31.9665	33
	10 2-Chlorophenol	128	4.401	4.401	(0.952)	597337	30.3336	32
	11 1,3-Dichlorobenzene	146	4.556	4.556	(0.986)	578679	25.7244	27
	12 1,4-Dichlorobenzene	146	4.639	4.639	(1.004)	590560	26.1452	27(R)
	13 Benzyl alcohol	108	4.817	4.817	(1.042)	433767	32.7494	34
	14 1,2-Dichlorobenzene	146	4.799	4.799	(1.039)	555218	24.5272	26
	15 2,2'-oxybis(1-Chloropropane)	45	4.965	4.965	(1.074)	1125827	30.7216	32
	16 2-Methylphenol	108	4.965	4.971	(1.074)	574814	30.1478	31
	17 Hexachloroethane	117	5.155	5.155	(1.116)	225930	21.5268	22
	18 N-Nitroso-di-n-propylamine	70	5.114	5.114	(1.107)	544772	35.7379	37(R)
	19 4-Methylphenol	108	5.143	5.137	(1.113)	1160984	51.9939	54
*	20 Naphthalene-d8	136	5.980	5.980	(1.000)	1639420	20.0000	
$	21 Nitrobenzene-d5	82	5.232	5.232	(0.875)	866258	36.6932	38(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	22 Nitrobenzene	77	5.250	5.256	(0.878)	719790	31.4574	33
	23 Isophorone	82	5.523	5.523	(0.924)	1598333	34.5713	36
	24 2-Nitrophenol	139	5.589	5.594	(0.935)	498415	32.9519	34
	25 2,4-Dimethylphenol	122	5.689	5.689	(0.951)	780284	34.4401	36
	26 Benzoic Acid	122	5.868	5.891	(0.981)	415668	22.4458	23(M)
	27 Bis(2-Chloroethoxy)methane	93	5.778	5.778	(0.966)	1001743	33.5427	35
	28 2,4-Dichlorophenol	162	5.862	5.862	(0.980)	694768	31.2912	33
	29 1,2,4-Trichlorobenzene	180	5.933	5.933	(0.992)	623764	27.5694	29(R)
	30 Naphthalene	128	6.004	6.004	(1.004)	2292527	28.2138	29
	31 4-Chloroaniline	127	6.087	6.087	(1.018)	1020102	31.8347	33
	32 Hexachlorobutadiene	225	6.158	6.158	(1.030)	244651	26.3560	27
	33 4-Chloro-3-methylphenol	107	6.633	6.645	(1.109)	833347	34.5784	36
	34 2-Methylnaphthalene	142	6.740	6.746	(1.127)	1730162	31.0171	32
*	35 Acenaphthene-d10	164	7.838	7.832	(1.000)	1237009	20.0000	
	37 Hexachlorocyclopentadiene	237	6.918	6.918	(0.883)	255047	23.9311	25
	38 2,4,6-Trichlorophenol	196	7.055	7.060	(0.900)	558084	33.3999	35
	39 2,4,5-Trichlorophenol	196	7.090	7.102	(0.905)	596563	35.2079	37
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.911)	2058016	39.9043	42
	130 1,1'-Biphenyl	154	7.239	7.244	(0.924)	7641	3.31814	3
	41 2-Chloronaphthalene	162	7.250	7.256	(0.925)	1827069	43.9747	46
	42 2-Nitroaniline	65	7.381	7.381	(0.942)	667763	36.5744	38
	43 Acenaphthylene	152	7.684	7.684	(0.980)	3444919	33.8915	35
	44 Dimethylphthalate	163	7.607	7.595	(0.970)	2226448	32.0069	33
	45 2,6-Dinitrotoluene	165	7.648	7.648	(0.976)	655145	38.6082	40
	46 Acenaphthene	153	7.874	7.874	(1.005)	2053982	36.6439	38(R)
	47 3-Nitroaniline	138	7.820	7.820	(0.998)	722035	32.4569	34
	48 2,4-Dinitrophenol	184	7.933	7.933	(1.012)	375589	36.3626	38
	49 Dibenzofuran	168	8.052	8.052	(1.027)	2868618	36.7278	38
	50 2,4-Dinitrotoluene	165	8.075	8.069	(1.030)	889415	40.6807	42
	51 4-Nitrophenol	109	8.040	8.040	(1.026)	186789	27.0807	28
	52 Fluorene	166	8.414	8.414	(1.073)	2357165	35.6796	37
	53 4-Chlorophenyl-phenylether	204	8.432	8.432	(1.076)	882211	34.8027	36
	54 Diethylphthalate	149	8.343	8.342	(1.064)	2863775	37.1535	39
	55 4-Nitroaniline	138	8.473	8.473	(1.081)	926043	37.3122	39
$	56 2,4,6-Tribromophenol	330	8.675	8.675	(1.107)	445676	50.2898	52(R)
*	57 Phenanthrene-d10	188	9.393	9.393	(1.000)	2328287	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.503	8.503	(0.905)	494251	36.6400	38
	59 N-Nitrosodiphenylamine (1)	169	8.568	8.562	(0.912)	1929413	36.4000	38
	60 1,2-Diphenylhydrazine	77	8.598	8.598	(0.915)	2899332	33.3097	35
	61 4-Bromophenyl-phenylether	248	8.942	8.942	(0.952)	538880	34.1544	36
	62 Hexachlorobenzene	284	8.995	9.001	(0.958)	589046	34.0783	35
	63 Pentachlorophenol	266	9.215	9.215	(0.981)	435239	37.4779	39(R)
	64 Phenanthrene	178	9.423	9.423	(1.003)	3731414	33.7905	35
	65 Carbazole	167	9.654	9.660	(1.028)	4282544	37.5785	39
	66 Anthracene	178	9.476	9.476	(1.009)	3833055	34.0365	35
	67 Di-n-butylphthalate	149	10.058	10.058	(1.071)	5857807	39.7716	41
	68 Fluoranthene	202	10.669	10.676	(1.136)	3971540	36.3878	38
*	70 Chrysene-d12	240	12.224	12.224	(1.000)	1576316	20.0000	
	72 Pyrene	202	10.907	10.907	(0.892)	4089239	36.9680	39(R)
$	73 Terphenyl-d14	244	11.091	11.091	(0.907)	2429712	38.8379	40
	74 Butylbenzylphthalate	149	11.619	11.619	(0.950)	2832500	47.8435	50
	75 3,3'-Dichlorobenzidine	252	12.195	12.194	(0.998)	204237	8.71705	9
	76 Benzo(a)anthracene	228	12.206	12.206	(0.999)	3055894	41.3066	43
	77 Chrysene	228	12.254	12.254	(1.002)	2844821	38.6272	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
78	Bis(2-Ethylhexyl)phthalate	149	12.290	12.289	(1.005)	4473396	48.0853	50
* 79	Perylene-d12	264	14.266	14.266	(1.000)	803192	20.0000	
80	Di-n-octylphthalate	149	13.150	13.150	(0.922)	6378445	63.1217	66
81	Benzo(b)fluoranthene	252	13.667	13.666	(0.958)	2236652	41.1484	43
82	Benzo(k)fluoranthene	252	13.708	13.708	(0.961)	2126281	38.3088	40
83	Benzo(a)pyrene	252	14.171	14.171	(0.993)	1447096	34.9808	36
84	Indeno(1,2,3-cd)pyrene	276	16.165	16.171	(1.133)	848632	36.6902	38
85	Dibenzo(a,h)anthracene	278	16.219	16.225	(1.137)	764270	33.5736	35
86	Benzo(g,h,i)perylene	276	16.670	16.676	(1.168)	968931	34.0174	35

QC Flag Legend

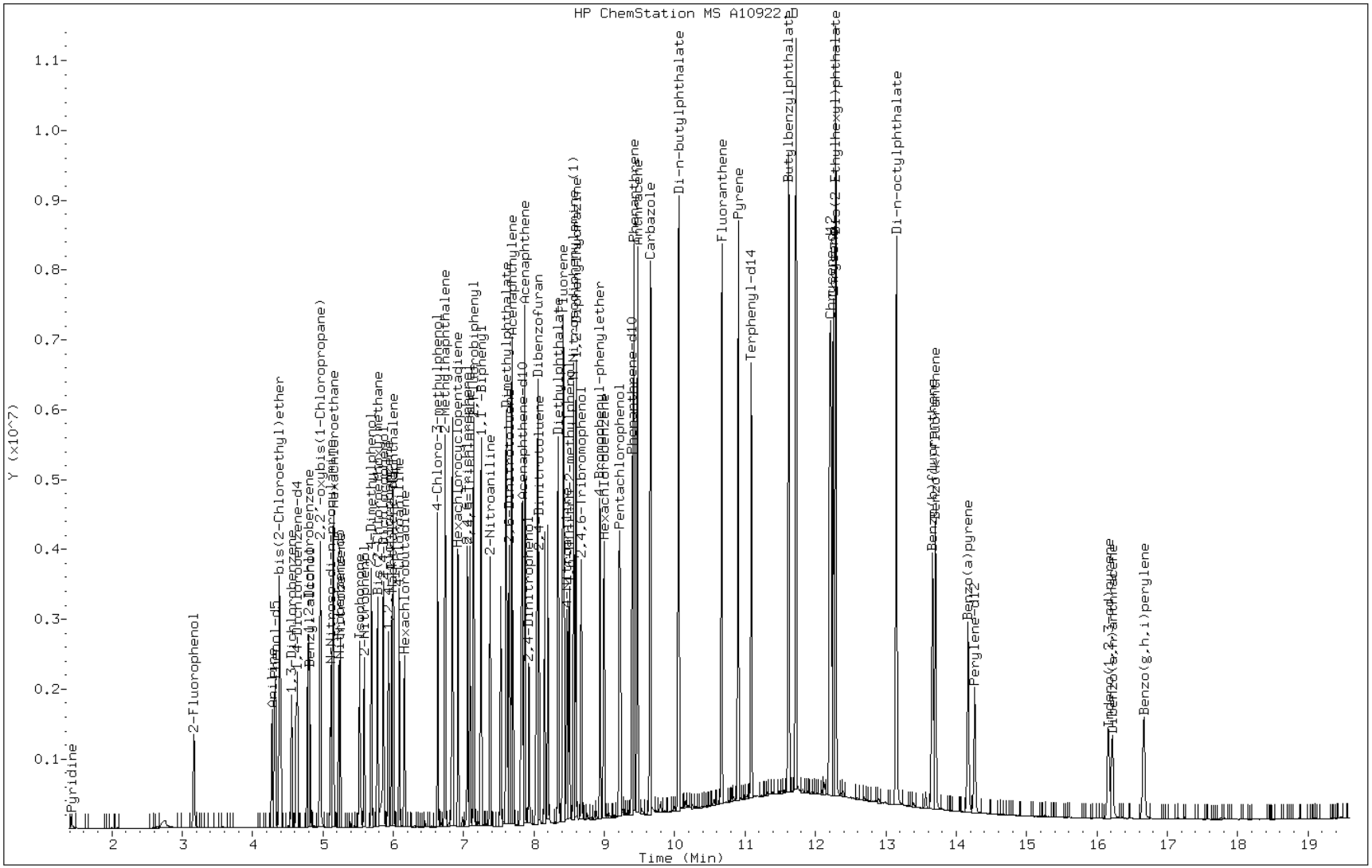
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A10922.D

Date: 07-MAY-2010 15:58

Client ID: MW-10 Instrument: msa.i

Sample Info: 220-12107-B-7-C MS Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MSD | Lab Sample ID: 220-12107-7 MSD

Matrix: Water | Lab File ID: A10923.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 16:26

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
83-32-9	Acenaphthene	34.5		4.2	0.32
208-96-8	Acenaphthylene	31.6		4.2	0.35
120-12-7	Anthracene	31.7		4.2	0.30
56-55-3	Benzo[a]anthracene	38.8		4.2	0.31
50-32-8	Benzo[a]pyrene	32.4		4.2	0.36
205-99-2	Benzo[b]fluoranthene	39.2		4.2	0.38
191-24-2	Benzo[g,h,i]perylene	31.5		4.2	0.38
207-08-9	Benzo[k]fluoranthene	35.4		4.2	0.42
111-91-1	Bis(2-chloroethoxy)methane	31.9		4.2	0.32
111-44-4	Bis(2-chloroethyl)ether	30.9		4.2	0.30
117-81-7	Bis(2-ethylhexyl) phthalate	45.4		4.2	0.56
85-68-7	Butyl benzyl phthalate	45.2		4.2	0.36
86-74-8	Carbazole	34.5		4.2	0.34
218-01-9	Chrysene	36.8		4.2	0.26
84-74-2	Di-n-butyl phthalate	36.9		4.2	0.36
117-84-0	Di-n-octyl phthalate	60.6		4.2	0.40
101-55-3	4-Bromophenyl phenyl ether	31.2		4.2	0.46
106-47-8	4-Chloroaniline	31.9		4.2	0.30
91-58-7	2-Chloronaphthalene	40.0		4.2	0.41
7005-72-3	4-Chlorophenyl phenyl ether	32.9		4.2	0.36
53-70-3	Dibenz(a,h)anthracene	30.9		4.2	0.40
132-64-9	Dibenzofuran	33.8		4.2	0.45
84-66-2	Diethyl phthalate	35.9		4.2	0.45
131-11-3	Dimethyl phthalate	30.8		4.2	0.40
95-50-1	1,2-Dichlorobenzene	23.9		4.2	0.32
541-73-1	1,3-Dichlorobenzene	25.5		4.2	0.26
106-46-7	1,4-Dichlorobenzene	26.1		4.2	0.32
91-94-1	3,3'-Dichlorobenzidine	7.13		4.2	0.38
121-14-2	2,4-Dinitrotoluene	39.0		4.2	0.42
606-20-2	2,6-Dinitrotoluene	36.4		4.2	0.27
206-44-0	Fluoranthene	33.9		4.2	0.32
86-73-7	Fluorene	33.5		4.2	0.27
118-74-1	Hexachlorobenzene	31.6		4.2	0.34
87-68-3	Hexachlorobutadiene	25.5		4.2	0.21

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MSD | Lab Sample ID: 220-12107-7 MSD

Matrix: Water | Lab File ID: A10923.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 16:26

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
77-47-4	Hexachlorocyclopentadiene	23.0		4.2	0.36
67-72-1	Hexachloroethane	21.6		4.2	0.39
193-39-5	Indeno[1,2,3-cd]pyrene	34.0		4.2	0.29
78-59-1	Isophorone	32.7		4.2	0.32
91-57-6	2-Methylnaphthalene	29.1		4.2	0.28
91-20-3	Naphthalene	26.9		4.2	0.31
88-74-4	2-Nitroaniline	35.0		4.2	0.35
99-09-2	3-Nitroaniline	32.0		4.2	0.24
98-95-3	Nitrobenzene	30.3		4.2	0.29
621-64-7	N-Nitrosodi-n-propylamine	33.1		4.2	0.34
86-30-6	N-Nitrosodiphenylamine	34.3		4.2	0.34
85-01-8	Phenanthrene	31.6		4.2	0.29
129-00-0	Pyrene	34.2		4.2	0.34
120-82-1	1,2,4-Trichlorobenzene	27.0		4.2	0.38
59-50-7	4-Chloro-3-methylphenol	33.6		5.2	0.35
95-57-8	2-Chlorophenol	29.1		4.2	0.24
95-48-7	2-Methylphenol	29.1		4.2	0.25
106-44-5	4-Methylphenol	50.2		4.2	0.30
120-83-2	2,4-Dichlorophenol	29.8		4.2	0.34
105-67-9	2,4-Dimethylphenol	32.5		4.2	0.34
51-28-5	2,4-Dinitrophenol	34.1		26	0.45
534-52-1	4,6-Dinitro-2-methylphenol	35.1		26	1.9
88-75-5	2-Nitrophenol	31.4		4.2	0.28
100-02-7	4-Nitrophenol	27.7		10	1.5
87-86-5	Pentachlorophenol	36.1		26	0.32
108-95-2	Phenol	21.0		4.2	0.20
95-95-4	2,4,5-Trichlorophenol	34.0		10	0.29
88-06-2	2,4,6-Trichlorophenol	31.9		4.2	0.39
100-51-6	Benzyl alcohol	32.0		4.2	0.43
100-01-6	4-Nitroaniline	35.4		4.2	0.21
108-60-1	2,2'-oxybis[1-chloropropane]	29.3		4.2	0.26

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Client Sample ID: MW-10 MSD | Lab Sample ID: 220-12107-7 MSD

Matrix: Water | Lab File ID: A10923.D

Analysis Method: 8270C | Date Collected: 04/30/2010 13:00

Extract. Method: 3510C | Date Extracted: 05/06/2010 08:50

Sample wt/vol: 480(mL) | Date Analyzed: 05/07/2010 16:26

Con. Extract Vol.: 0.5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 38265 | Units: ug/L

CAS NO.	SURROGATE	%REC	LIMITS	Q
321-60-8	2-Fluorobiphenyl	74	39-120	
367-12-4	2-Fluorophenol	55	13-120	
118-79-6	2,4,6-Tribromophenol	64	36-120	
4165-60-0	Nitrobenzene-d5	70	40-120	
4165-62-2	Phenol-d5	45	10-120	
1718-51-0	Terphenyl-d14	72	10-120	

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\chem\BNA\msa.i\A1010910.b\A10923.D
Lab Smp Id: 220-12107-B-7-D MSD Client Smp ID: MW-10
Inj Date : 07-MAY-2010 16:26
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-12107-B-7-D MSD
Misc Info : 220-12107-B-7-D MSD
Comment :
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Meth Date : 07-May-2010 12:19 magda Quant Type: ISTD
Cal Date : 06-MAY-2010 07:31 Cal File: A10882.D
Als bottle: 13 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	0.50000	Volume of final extract (mL)
Vo	480.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
* 1	1,4-Dichlorobenzene-d4	152	4.621	4.621	(1.000)	305919	20.0000	
$ 2	2-Fluorophenol	112	3.167	3.161	(0.685)	593796	40.9150	43
$ 3	Phenol-d5	99	4.318	4.318	(0.935)	807155	33.4697	35
4	Pyridine	52	1.434	1.422	(0.310)	31157	16.8222	18
5	N-Nitrosodimethylamine	42	1.422	1.422	(0.308)	37376	24.9011	26
7	Phenol	94	4.330	4.330	(0.937)	483040	20.1394	21
8	Aniline	93	4.277	4.277	(0.925)	763585	25.6764	27
9	bis(2-Chloroethyl)ether	63	4.384	4.384	(0.949)	496966	29.6344	31
10	2-Chlorophenol	128	4.401	4.401	(0.952)	562854	27.9389	29
11	1,3-Dichlorobenzene	146	4.556	4.556	(0.986)	563401	24.4813	26
12	1,4-Dichlorobenzene	146	4.639	4.639	(1.004)	578896	25.0518	26(R)
13	Benzyl alcohol	108	4.817	4.817	(1.042)	415981	30.6994	32
14	1,2-Dichlorobenzene	146	4.799	4.799	(1.039)	541131	22.9869	24
15	2,2'-oxybis(1-Chloropropane)	45	4.965	4.965	(1.074)	1055374	28.1506	29
16	2-Methylphenol	108	4.965	4.971	(1.074)	545398	27.9609	29
17	Hexachloroethane	117	5.155	5.155	(1.116)	222292	20.7033	22
18	N-Nitroso-di-n-propylamine	70	5.114	5.114	(1.107)	495814	31.7938	33(R)
19	4-Methylphenol	108	5.143	5.137	(1.113)	1100598	48.1798	50
* 20	Naphthalene-d8	136	5.980	5.980	(1.000)	1648981	20.0000	
$ 21	Nitrobenzene-d5	82	5.232	5.232	(0.875)	830041	34.9553	36(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	22 Nitrobenzene	77	5.250	5.256	(0.878)	669299	29.0811	30
	23 Isophorone	82	5.523	5.523	(0.924)	1457882	31.3505	33
	24 2-Nitrophenol	139	5.589	5.594	(0.935)	458918	30.1647	31
	25 2,4-Dimethylphenol	122	5.689	5.689	(0.951)	711695	31.2306	33
	26 Benzoic Acid	122	5.868	5.891	(0.981)	381348	20.4732	21(M)
	27 Bis(2-Chloroethoxy)methane	93	5.778	5.778	(0.966)	920316	30.6375	32
	28 2,4-Dichlorophenol	162	5.862	5.862	(0.980)	638817	28.6044	30
	29 1,2,4-Trichlorobenzene	180	5.933	5.933	(0.992)	590953	25.9677	27(R)
	30 Naphthalene	128	6.004	6.004	(1.004)	2165881	25.8190	27
	31 4-Chloroaniline	127	6.087	6.087	(1.018)	990518	30.6028	32
	32 Hexachlorobutadiene	225	6.158	6.158	(1.030)	233672	24.4788	25
	33 4-Chloro-3-methylphenol	107	6.633	6.645	(1.109)	781570	32.2419	34
	34 2-Methylnaphthalene	142	6.740	6.746	(1.127)	1621636	27.9770	29
*	35 Acenaphthene-d10	164	7.838	7.832	(1.000)	1249239	20.0000	
	37 Hexachlorocyclopentadiene	237	6.918	6.918	(0.883)	238148	22.1267	23
	38 2,4,6-Trichlorophenol	196	7.055	7.060	(0.900)	516886	30.6315	32
	39 2,4,5-Trichlorophenol	196	7.090	7.102	(0.905)	558432	32.6349	34
$	40 2-Fluorobiphenyl	172	7.144	7.149	(0.911)	1954085	37.2145	39(R)
	130 1,1'-Biphenyl	154	7.239	7.244	(0.924)	7195	3.31822	3
	41 2-Chloronaphthalene	162	7.250	7.256	(0.925)	1692502	38.4051	40
	42 2-Nitroaniline	65	7.375	7.381	(0.941)	619704	33.6099	35
	43 Acenaphthylene	152	7.684	7.684	(0.980)	3192963	30.3386	32
	44 Dimethylphthalate	163	7.607	7.595	(0.970)	2079691	29.6045	31
	45 2,6-Dinitrotoluene	165	7.648	7.648	(0.976)	599388	34.9766	36
	46 Acenaphthene	153	7.874	7.874	(1.005)	1898084	33.0976	34(R)
	47 3-Nitroaniline	138	7.820	7.820	(0.998)	689927	30.7099	32
	48 2,4-Dinitrophenol	184	7.927	7.933	(1.011)	341617	32.7498	34
	49 Dibenzofuran	168	8.052	8.052	(1.027)	2682371	32.4452	34
	50 2,4-Dinitrotoluene	165	8.070	8.069	(1.030)	826065	37.4132	39
	51 4-Nitrophenol	109	8.040	8.040	(1.026)	185254	26.5952	28
	52 Fluorene	166	8.414	8.414	(1.073)	2217254	32.1138	33
	53 4-Chlorophenyl-phenylether	204	8.432	8.432	(1.076)	843079	31.5974	33
	54 Diethylphthalate	149	8.343	8.342	(1.064)	2679834	34.4268	36
	55 4-Nitroaniline	138	8.473	8.473	(1.081)	852578	34.0158	35
$	56 2,4,6-Tribromophenol	330	8.675	8.675	(1.107)	431634	48.2285	50(R)
*	57 Phenanthrene-d10	188	9.393	9.393	(1.000)	2339460	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.503	8.503	(0.905)	456499	33.6797	35
	59 N-Nitrosodiphenylamine (1)	169	8.562	8.562	(0.912)	1813902	32.9119	34
	60 1,2-Diphenylhydrazine	77	8.598	8.598	(0.915)	2689255	30.7486	32
	61 4-Bromophenyl-phenylether	248	8.942	8.942	(0.952)	503580	29.9715	31
	62 Hexachlorobenzene	284	8.995	9.001	(0.958)	554863	30.2999	32
	63 Pentachlorophenol	266	9.215	9.215	(0.981)	404288	34.6465	36(R)
	64 Phenanthrene	178	9.423	9.423	(1.003)	3517047	30.3563	32
	65 Carbazole	167	9.654	9.660	(1.028)	3971887	33.1675	35
	66 Anthracene	178	9.476	9.476	(1.009)	3610552	30.4234	32
	67 Di-n-butylphthalate	149	10.058	10.058	(1.071)	5497632	35.4326	37
	68 Fluoranthene	202	10.669	10.676	(1.136)	3732312	32.5298	34
*	70 Chrysene-d12	240	12.224	12.224	(1.000)	1621704	20.0000	
	72 Pyrene	202	10.907	10.907	(0.892)	3851347	32.8743	34(R)
$	73 Terphenyl-d14	244	11.091	11.091	(0.907)	2331066	36.2183	38
	74 Butylbenzylphthalate	149	11.619	11.619	(0.950)	2644633	43.4200	45
	75 3,3'-Dichlorobenzidine	252	12.195	12.194	(0.998)	164932	6.84245	7
	76 Benzo(a)anthracene	228	12.206	12.206	(0.999)	2834316	37.2393	39
	77 Chrysene	228	12.254	12.254	(1.002)	2678433	35.3501	37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
78	Bis(2-Ethylhexyl)phthalate	149	12.290	12.289	(1.005)	4170843	43.5783	45
* 79	Perylene-d12	264	14.260	14.266	(1.000)	809898	20.0000	
80	Di-n-octylphthalate	149	13.150	13.150	(0.922)	5901051	58.1771	61
81	Benzo(b)fluoranthene	252	13.667	13.666	(0.958)	2061442	37.6110	39
82	Benzo(k)fluoranthene	252	13.708	13.708	(0.961)	1903877	34.0178	35
83	Benzo(a)pyrene	252	14.171	14.171	(0.994)	1295601	31.0594	32
84	Indeno(1,2,3-cd)pyrene	276	16.165	16.171	(1.134)	760685	32.6155	34
85	Dibenzo(a,h)anthracene	278	16.219	16.225	(1.137)	673521	29.6331	31
86	Benzo(g,h,i)perylene	276	16.664	16.676	(1.169)	869514	30.2743	32

QC Flag Legend

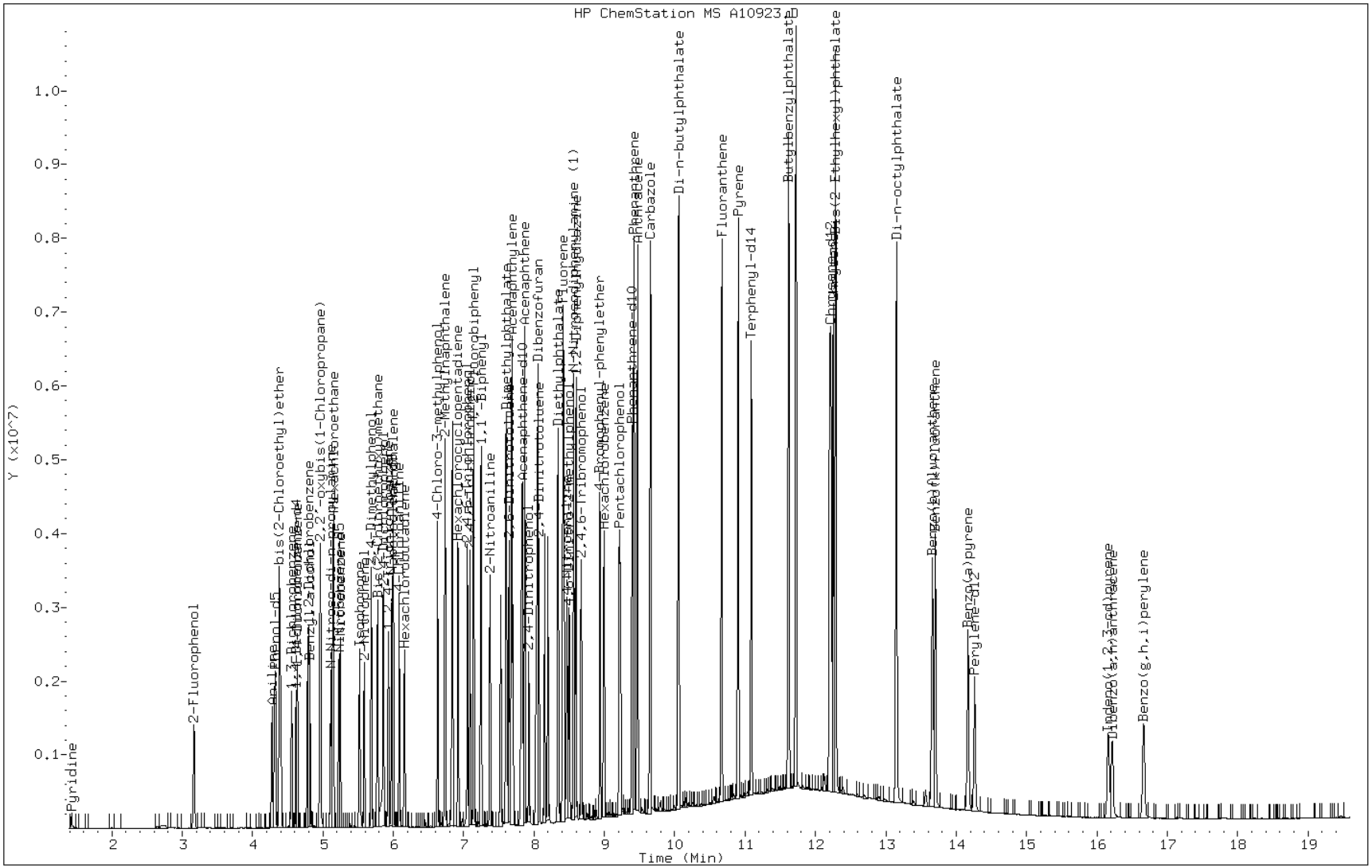
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: A10923.D

Date: 07-MAY-2010 16:26

Client ID: MW-10 Instrument: msa.i

Sample Info: 220-12107-B-7-D MSD Operator: S.Jonas



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSA Start Date: 05/06/2010 07:31

Analysis Batch Number: 38232 End Date: 05/06/2010 13:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICIS 220-38232/1		05/06/2010 07:31	1	A10882.D	ZB-5MS 0.25(mm)
DFTPP 220-38232/7		05/06/2010 07:31	1	As10882.D	ZB-5MS 0.25(mm)
IC 220-38232/2		05/06/2010 08:07	1	A10883.D	ZB-5MS 0.25(mm)
IC 220-38232/3		05/06/2010 08:34	1	A10884.D	ZB-5MS 0.25(mm)
IC 220-38232/4		05/06/2010 09:02	1	A10885.D	ZB-5MS 0.25(mm)
IC 220-38232/5		05/06/2010 09:31	1	A10886.D	ZB-5MS 0.25(mm)
IC 220-38232/6		05/06/2010 09:59	1	A10887.D	ZB-5MS 0.25(mm)
ZZZZZ		05/06/2010 10:56	1		ZB-5MS 0.25(mm)
ZZZZZ		05/06/2010 11:25	1		ZB-5MS 0.25(mm)
ZZZZZ		05/06/2010 12:51	1		ZB-5MS 0.25(mm)
ZZZZZ		05/06/2010 13:19	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSA Start Date: 05/07/2010 10:12

Analysis Batch Number: 38265 End Date: 05/07/2010 23:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 220-38265/1		05/07/2010 10:12	1	A10910.D	ZB-5MS 0.25(mm)
DFTPP 220-38265/2		05/07/2010 10:12	1	As10910.D	ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 10:44	1		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 11:13	1		ZB-5MS 0.25(mm)
MB 220-38198/1-A		05/07/2010 11:42	1	A10913.D	ZB-5MS 0.25(mm)
LCS 220-38198/2-A		05/07/2010 12:11	1	A10914.D	ZB-5MS 0.25(mm)
220-12107-1	MW-5	05/07/2010 12:40	1	A10915.D	ZB-5MS 0.25(mm)
220-12107-2	MW-6	05/07/2010 13:08	1	A10916.D	ZB-5MS 0.25(mm)
220-12107-3	MW-6D	05/07/2010 13:36	1	A10917.D	ZB-5MS 0.25(mm)
220-12107-4	MW-9	05/07/2010 14:05	1	A10918.D	ZB-5MS 0.25(mm)
220-12107-5	MW-9F	05/07/2010 14:33	1	A10919.D	ZB-5MS 0.25(mm)
220-12107-6	MW-7	05/07/2010 15:02	1	A10920.D	ZB-5MS 0.25(mm)
220-12107-7	MW-10	05/07/2010 15:30	1	A10921.D	ZB-5MS 0.25(mm)
220-12107-7 MS	MW-10 MS	05/07/2010 15:58	1	A10922.D	ZB-5MS 0.25(mm)
220-12107-7 MSD	MW-10 MSD	05/07/2010 16:26	1	A10923.D	ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 16:54	2		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 17:22	5		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 18:19	5		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 18:47	2		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 19:16	4		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 19:44	10		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 20:12	1		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 20:41	1		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 21:09	1		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 21:38	5		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 22:07	1		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 22:36	4		ZB-5MS 0.25(mm)
ZZZZZ		05/07/2010 23:04	2		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSZ Start Date: 05/05/2010 09:18

Analysis Batch Number: 38296 End Date: 05/05/2010 12:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ICIS 220-38296/1		05/05/2010 09:18	1	Z16136.D	RXi-5MS 0.25(mm)
DFTPP 220-38296/7		05/05/2010 09:18	1	Zs16136.D	RXi-5MS 0.25(mm)
IC 220-38296/2		05/05/2010 10:20	1	Z16138.D	RXi-5MS 0.25(mm)
IC 220-38296/3		05/05/2010 10:49	1	Z16139.D	RXi-5MS 0.25(mm)
IC 220-38296/4		05/05/2010 11:17	1	Z16140.D	RXi-5MS 0.25(mm)
IC 220-38296/5		05/05/2010 11:46	1	Z16141.D	RXi-5MS 0.25(mm)
IC 220-38296/6		05/05/2010 12:13	1	Z16142.D	RXi-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MSZ Start Date: 05/10/2010 10:06

Analysis Batch Number: 38298 End Date: 05/10/2010 21:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 220-38298/1		05/10/2010 10:06	1	Z16169.D	RXi-5MS 0.25(mm)
DFTPP 220-38298/2		05/10/2010 10:06	1	Zs16169.D	RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 10:39	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 11:07	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 11:35	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 12:03	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 12:32	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 13:00	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 13:29	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 13:57	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 14:26	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 14:54	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 15:22	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 15:50	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 16:18	2		RXi-5MS 0.25(mm)
220-12107-8	MW-1	05/10/2010 17:14	1	Z16184.D	RXi-5MS 0.25(mm)
220-12107-9	MW-2	05/10/2010 17:42	1	Z16185.D	RXi-5MS 0.25(mm)
220-12107-10	MW-3	05/10/2010 18:09	1	Z16186.D	RXi-5MS 0.25(mm)
220-12107-11	MW-4	05/10/2010 18:38	1	Z16187.D	RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 19:34	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 20:02	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 20:31	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 21:00	1		RXi-5MS 0.25(mm)
ZZZZZ		05/10/2010 21:28	1		RXi-5MS 0.25(mm)

Organic Prep Worksheet

Batch Number: 220-38198
Method: 3510C
Analyst: Faiella, Tim

Date Open: May 06 2010 8:50AM
Batch End: May 06 2010 2:30PM

Lab ID	Client ID	Method Chain	Basis	pH of the sample at receipt	Initial weight/volume of sample	Final weight/volume of sample	pH of the sample after first adjustment	pH of the sample after the second adjust	EWBNAFMS_00034
MB~220-38198/1		3510C, 8270C		7	1000 mL	1.0 mL	2	12	
LCS~220-38198/2		3510C, 8270C		7	1000 mL	1.0 mL	2	12	400 uL
220-12107-A-1	MW-5	3510C, 8270C	T	6	960 mL	1.0 mL	2	12	
220-12107-B-2	MW-6	3510C, 8270C	T	6	960 mL	1.0 mL	2	12	
220-12107-B-3	MW-6D	3510C, 8270C	T	6	960 mL	1.0 mL	2	12	
220-12107-B-4	MW-9	3510C, 8270C	T	5	960 mL	1.0 mL	2	12	
220-12107-B-5	MW-9F	3510C, 8270C	T	5	940 mL	1.0 mL	2	12	
220-12107-A-6	MW-7	3510C, 8270C	T	6	960 mL	1.0 mL	2	12	
220-12107-A-7	MW-10	3510C, 8270C	T	6	1000 mL	1.0 mL	2	12	
220-12107-B-7~MS	MW-10	3510C, 8270C	T	6	480 mL	0.5 mL	2	12	200 uL
220-12107-B-7~MSD	MW-10	3510C, 8270C	T	6	480 mL	0.5 mL	2	12	200 uL
220-12107-B-8	MW-1	3510C, 8270C	T	6	960 mL	1.0 mL	2	12	
220-12107-B-9	MW-2	3510C, 8270C	T	6	950 mL	1.0 mL	2	12	
220-12107-A-10	MW-3	3510C, 8270C	T	6	920 mL	1.0 mL	2	12	
220-12107-B-11	MW-4	3510C, 8270C	T	6	1000 mL	1.0 mL	2	12	

Organic Prep Worksheet

Batch Number: 220-38198
Method: 3510C
Analyst: Faiella, Tim

Date Open: May 06 2010 8:50AM
Batch End: May 06 2010 2:30PM

Lab ID	Client ID	Method Chain	Basis	EWBNASUR_00055	EWRCPLCS_00011
MB~220-38198/1		3510C, 8270C		500 uL	
LCS~220-38198/2		3510C, 8270C		500 uL	400 uL
220-12107-A-1	MW-5	3510C, 8270C	T	500 uL	
220-12107-B-2	MW-6	3510C, 8270C	T	500 uL	
220-12107-B-3	MW-6D	3510C, 8270C	T	500 uL	
220-12107-B-4	MW-9	3510C, 8270C	T	500 uL	
220-12107-B-5	MW-9F	3510C, 8270C	T	500 uL	
220-12107-A-6	MW-7	3510C, 8270C	T	500 uL	
220-12107-A-7	MW-10	3510C, 8270C	T	500 uL	
220-12107-B-7~MS	MW-10	3510C, 8270C	T	250 uL	200 uL
220-12107-B-7~MSD	MW-10	3510C, 8270C	T	250 uL	200 uL
220-12107-B-8	MW-1	3510C, 8270C	T	500 uL	
220-12107-B-9	MW-2	3510C, 8270C	T	500 uL	
220-12107-A-10	MW-3	3510C, 8270C	T	500 uL	
220-12107-B-11	MW-4	3510C, 8270C	T	500 uL	

Person's name who did the prep:	tim faiella
Prep Solvent Name:	mecl2
Prep Solvent Lot #:	ecmecl2-40
Prep Solvent Volume Used:	360 mL
Person's name who witnessed reagent drop:	self
Acid used for pH adjustment:	h2so4
Acid used for pH adjust Lot #:	wsulfacd-09
Base used for pH adjustment:	naoh
Base used for pH adjust Lot #:	enaoh-18
Person's name who did the concentration:	Jen Capece/ Gerald Piscitelli
Na2SO4 Lot Number:	ena2so4-38

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-12107-1

SDG No.:

Project: IW Industries

Client Sample ID	Lab Sample ID
MW-5	220-12107-1
MW-6	220-12107-2
MW-6D	220-12107-3
MW-9	220-12107-4
MW-9F	220-12107-5
MW-7	220-12107-6
MW-10	220-12107-7
MW-1	220-12107-8
MW-2	220-12107-9
MW-3	220-12107-10
MW-4	220-12107-11

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-5 Lab Sample ID: 220-12107-1

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 09:45

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	154	500	10.0	ug/L	J		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	47.0	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	12100	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	4.6	10.0	1.5	ug/L	J		1	6010B
7439-89-6	Iron	271	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	2060	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	3320	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	29.3	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	15700	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.2	25.0	5.0	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-6 Lab Sample ID: 220-12107-2

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 10:00

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	44.3	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	9010	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	10.0	10.0	1.5	ug/L	U		1	6010B
7439-89-6	Iron	125	125	15.0	ug/L	U		1	6010B
7440-09-7	Potassium	1150	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	2230	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	4.5	8.0	0.25	ug/L	J		1	6010B
7440-23-5	Sodium	21700	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-6D
Lab Sample ID: 220-12107-3
Lab Name: TestAmerica Connecticut
Job No.: 220-12107-1
SDG ID.:
Matrix: Water
Date Sampled: 04/30/2010 10:05
Reporting Basis: WET
Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	43.0	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	8850	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	10.0	10.0	1.5	ug/L	U		1	6010B
7439-89-6	Iron	125	125	15.0	ug/L	U		1	6010B
7440-09-7	Potassium	1140	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	2200	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	4.4	8.0	0.25	ug/L	J		1	6010B
7440-23-5	Sodium	21800	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-9 Lab Sample ID: 220-12107-4

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 11:00

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	1120	500	10.0	ug/L			1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	53.0	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	10900	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	2.0	5.0	0.50	ug/L	J		1	6010B
7440-50-8	Copper	7.3	10.0	1.5	ug/L	J		1	6010B
7439-89-6	Iron	125	125	15.0	ug/L	U		1	6010B
7440-09-7	Potassium	3550	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	2260	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	29.6	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	28900	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	1.2	5.0	1.0	ug/L	J		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	10.3	25.0	5.0	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-9F
Lab Sample ID: 220-12107-5
Lab Name: TestAmerica Connecticut
Job No.: 220-12107-1
SDG ID.:
Matrix: Water
Date Sampled: 04/30/2010 11:10
Reporting Basis: WET
Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	500	500	50.0	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	10.0	10.0	1.5	ug/L	U		1	6010B
7439-89-6	Iron	125	125	15.0	ug/L	U		1	6010B
7440-09-7	Potassium	500	500	50.0	ug/L	U		1	6010B
7439-95-4	Magnesium	500	500	5.0	ug/L	U		1	6010B
7439-96-5	Manganese	8.0	8.0	0.25	ug/L	U		1	6010B
7440-23-5	Sodium	500	500	50.0	ug/L	U		1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-7 Lab Sample ID: 220-12107-6

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 12:10

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	25.0	500	10.0	ug/L	J		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	82.0	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	11100	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	1.6	5.0	0.50	ug/L	J		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	8.9	10.0	1.5	ug/L	J		1	6010B
7439-89-6	Iron	12300	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	1920	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	2310	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	106	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	43400	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	1.6	5.0	1.0	ug/L	J		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	5.7	25.0	5.0	ug/L	J		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-10 Lab Sample ID: 220-12107-7

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 13:00

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	215	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	12300	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	10.0	10.0	1.5	ug/L	U		1	6010B
7439-89-6	Iron	247	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	2460	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	3260	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	41.6	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	19900	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-1 Lab Sample ID: 220-12107-8

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 14:15

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.32	5.0	0.25	ug/L	J		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	21.1	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	11500	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	1.4	5.0	0.50	ug/L	J		1	6010B
7440-47-3	Chromium	0.84	5.0	0.50	ug/L	J		1	6010B
7440-50-8	Copper	6.2	10.0	1.5	ug/L	J		1	6010B
7439-89-6	Iron	29200	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	2600	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	2580	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	372	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	28900	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	1.8	5.0	1.0	ug/L	J		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	1.1	5.0	1.0	ug/L	J		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-2 Lab Sample ID: 220-12107-9

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 14:45

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.54	5.0	0.25	ug/L	J		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	7.9	15.0	4.0	ug/L	J		1	6010B
7440-39-3	Barium	29.9	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	22000	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	3.1	5.0	0.50	ug/L	J		1	6010B
7440-47-3	Chromium	0.96	5.0	0.50	ug/L	J		1	6010B
7440-50-8	Copper	13.3	10.0	1.5	ug/L			1	6010B
7439-89-6	Iron	16000	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	4560	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	4170	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	433	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	27500	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	2.5	5.0	1.0	ug/L	J		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	1.5	5.0	1.0	ug/L	J		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-3 Lab Sample ID: 220-12107-10

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 15:00

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	0.78	5.0	0.25	ug/L	J		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	33.0	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	14600	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	5.0	5.0	0.50	ug/L	U		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	5.1	10.0	1.5	ug/L	J		1	6010B
7439-89-6	Iron	26200	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	3480	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	3510	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	349	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	25500	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: MW-4 Lab Sample ID: 220-12107-11

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG ID.:

Matrix: Water Date Sampled: 04/30/2010 15:40

Reporting Basis: WET Date Received: 05/03/2010 14:20

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
7440-22-4	Silver	5.0	5.0	0.25	ug/L	U		1	6010B
7429-90-5	Aluminum	500	500	10.0	ug/L	U		1	6010B
7440-38-2	Arsenic	15.0	15.0	4.0	ug/L	U		1	6010B
7440-39-3	Barium	148	5.0	0.25	ug/L			1	6010B
7440-41-7	Beryllium	5.0	5.0	0.25	ug/L	U		1	6010B
7440-70-2	Calcium	28300	500	50.0	ug/L			1	6010B
7440-43-9	Cadmium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-48-4	Cobalt	1.5	5.0	0.50	ug/L	J		1	6010B
7440-47-3	Chromium	5.0	5.0	0.50	ug/L	U		1	6010B
7440-50-8	Copper	10.0	10.0	1.5	ug/L	U		1	6010B
7439-89-6	Iron	2570	125	15.0	ug/L			1	6010B
7440-09-7	Potassium	5200	500	50.0	ug/L			1	6010B
7439-95-4	Magnesium	5900	500	5.0	ug/L			1	6010B
7439-96-5	Manganese	123	8.0	0.25	ug/L			1	6010B
7440-23-5	Sodium	33500	500	50.0	ug/L			1	6010B
7440-02-0	Nickel	5.0	5.0	1.0	ug/L	U		1	6010B
7439-92-1	Lead	15.0	15.0	2.5	ug/L	U		1	6010B
7440-36-0	Antimony	15.0	15.0	5.0	ug/L	U		1	6010B
7782-49-2	Selenium	38.0	38.0	12.5	ug/L	U		1	6010B
7440-28-0	Thallium	15.0	15.0	3.5	ug/L	U		1	6010B
7440-62-2	Vanadium	5.0	5.0	1.0	ug/L	U		1	6010B
7440-66-6	Zinc	25.0	25.0	5.0	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.060	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mccvp_00061 Concentration Units: ug/L

CCV Source: mccvp_00061

Analyte	ICV 220-38221/3 05/06/2010 11:21				CCV 220-38221/56 05/06/2010 14:14				CCV 220-38221/68 05/06/2010 15:13			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	292		300	97	291		300	97	293		300	98
Al	5090		5300	96	5130		5300	97	5130		5300	97
As	307		300	102	296		300	99	294		300	98
Ba	306		300	102	302		300	101	303		300	101
Be	309		300	103	304		300	101	306		300	102
Ca	17840		18800	95	17800		18800	95	17800		18800	95
Cd	305		300	102	302		300	101	299		300	100
Co	327		300	109	325		300	108	322		300	107
Cr	311		300	104	309		300	103	305		300	102
Cu	314		300	105	314		300	105	316		300	105
Fe	5000		5000	100	5030		5000	101	5030		5000	101
K	38660		40000	97	39270		40000	98	38910		40000	97
Mg	18150		18800	97	18180		18800	97	18200		18800	97
Mn	303		300	101	300		300	100	302		300	101
Na	38370		40000	96	39510		40000	99	39600		40000	99
Ni	326		300	109	324		300	108	321		300	107
Pb	309		300	103	306		300	102	300		300	100
Sb	294		300	98	291		300	97	280		300	93
Se	284		300	95	283		300	94	283		300	94
Tl	322		300	107	316		300	105	312		300	104
V	296		300	99	294		300	98	295		300	98
Zn	318		300	106	314		300	105	309		300	103

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 Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mccvp_00061 Concentration Units: ug/L

CCV Source: mccvp_00061

Analyte	CCV 220-38221/80 05/06/2010 15:52				CCV 220-38221/92 05/06/2010 16:31				CCV 220-38221/103 05/06/2010 17:06			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	292		300	97	291		300	97	293		300	98
Al	5120		5300	97	5120		5300	97	5140		5300	97
As	303		300	101	299		300	100	297		300	99
Ba	304		300	101	303		300	101	305		300	102
Be	306		300	102	306		300	102	307		300	102
Ca	17950		18800	95	17870		18800	95	17860		18800	95
Cd	300		300	100	301		300	100	305		300	102
Co	325		300	108	325		300	108	329		300	110
Cr	307		300	102	308		300	103	305		300	102
Cu	314		300	105	314		300	105	316		300	105
Fe	5020		5000	100	5030		5000	101	5010		5000	100
K	39540		40000	99	38580		40000	96	38750		40000	97
Mg	18130		18800	96	18170		18800	97	18170		18800	97
Mn	302		300	101	302		300	101	303		300	101
Na	39610		40000	99	39380		40000	98	39390		40000	98
Ni	325		300	108	323		300	108	328		300	109
Pb	307		300	102	307		300	102	309		300	103
Sb	279		300	93	287		300	96	288		300	96
Se	289		300	96	312		300	104	302		300	101
Tl	311		300	104	315		300	105	317		300	106
V	295		300	98	295		300	98	295		300	98
Zn	313		300	104	315		300	105	318		300	106

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

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mccvp_00061 Concentration Units: ug/L

CCV Source: mccvp_00061

Analyte	ICV 220-38295/3 05/10/2010 12:47				CCV 220-38295/8 05/10/2010 13:04				CCV 220-38295/20 05/10/2010 13:45			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	297		300	99	296		300	99	296		300	99
Al	5110		5300	96	5080		5300	96	5080		5300	96
As	295		300	98	301		300	100	299		300	100
Ba	306		300	102	307		300	102	308		300	103
Be	306		300	102	306		300	102	307		300	102
Ca	17470		18800	93	17440		18800	93	17490		18800	93
Cd	306		300	102	310		300	103	310		300	103
Co	327		300	109	327		300	109	329		300	110
Cr	311		300	104	312		300	104	308		300	103
Cu	319		300	106	319		300	106	319		300	106
Fe	5010		5000	100	5030		5000	101	4970		5000	99
K	37700		40000	94	39360		40000	98	39280		40000	98
Mg	17870		18800	95	17900		18800	95	17830		18800	95
Mn	301		300	100	302		300	101	303		300	101
Na	38290		40000	96	38300		40000	96	38070		40000	95
Ni	324		300	108	324		300	108	326		300	109
Pb	310		300	103	311		300	104	308		300	103
Sb	296		300	99	291		300	97	285		300	95
Se	286		300	95	291		300	97	303		300	101
Tl	321		300	107	325		300	108	319		300	106
V	299		300	100	299		300	100	299		300	100
Zn	316		300	105	320		300	107	318		300	106

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 Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mccvp_00061 Concentration Units: ug/L

CCV Source: mccvp_00061

Analyte	CCV 220-38295/32 05/10/2010 14:25											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Ag	295		300	98								
Al	5090		5300	96								
As	297		300	99								
Ba	309		300	103								
Be	307		300	102								
Ca	17460		18800	93								
Cd	311		300	104								
Co	326		300	109								
Cr	310		300	103								
Cu	318		300	106								
Fe	4970		5000	99								
K	38800		40000	97								
Mg	17890		18800	95								
Mn	303		300	101								
Na	37640		40000	94								
Ni	323		300	108								
Pb	302		300	101								
Sb	287		300	96								
Se	293		300	98								
Tl	318		300	106								
V	299		300	100								
Zn	317		300	106								

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 Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mhgicv_00467 Concentration Units: ug/L

CCV Source: mhgccv_00467

Analyte	ICV 220-38189/7 05/05/2010 12:28				CCV 220-38189/19 05/05/2010 12:42				CCV 220-38189/31 05/05/2010 12:53			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	5.16		5.00	103	5.11		5.00	102	5.06		5.00	101

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

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

ICV Source: mhgicv_00467 Concentration Units: ug/L

CCV Source: mhgccv_00467

Analyte	CCV 220-38189/40 05/05/2010 13:03											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Hg	4.98		5.00	100								

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

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Analysis Method: 6010B Instrument ID: ICAP3

Lab Sample ID: CRI 220-38221/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00042

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	10.0	9.78	J	98	50-150
Aluminum	500	524		105	50-150
Arsenic	30.0	23.7	J	79	50-150
Barium	10.0	10.2		102	50-150
Beryllium	10.0	9.67	J	97	50-150
Calcium	1000	1050		105	50-150
Cadmium	10.0	10.4		104	50-150
Cobalt	10.0	9.63	J	96	50-150
Chromium	10.0	10.4		104	50-150
Copper	10.0	10.2	J	102	50-150
Iron	250	255		102	50-150
Potassium	1000	782		78	50-150
Magnesium	1000	1030		103	50-150
Manganese	10.0	10.3	J	103	50-150
Sodium	1000	930		93	50-150
Nickel	10.0	10.1		101	50-150
Lead	30.0	30.4		101	50-150
Antimony	30.0	28.2	J	94	50-150
Selenium	75.0	77.3		103	50-150
Thallium	30.0	28.0	J	93	50-150
Vanadium	10.0	11.0		110	50-150
Zinc	30.0	31.1	J	104	50-150

Lab Sample ID: CRI 220-38295/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00042

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Silver	10.0	9.99	J	100	50-150
Aluminum	500	520		104	50-150
Arsenic	30.0	27.7	J	92	50-150
Barium	10.0	10.5		105	50-150
Beryllium	10.0	9.78	J	98	50-150
Calcium	1000	1050		105	50-150
Cadmium	10.0	10.5		105	50-150
Cobalt	10.0	9.88	J	99	50-150

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

FORM IIB-IN

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Analysis Method: 6010B Instrument ID: ICAP3

Lab Sample ID: CRI 220-38295/5 Concentration Units: ug/L

CRQL Check Standard Source: mcri_00042

Analyte	CRQL Check Standard				
	True	Found	Qualifiers	%R(1)	Limits
Chromium	10.0	10.3		103	50-150
Copper	10.0	10.2	J	102	50-150
Iron	250	264		106	50-150
Potassium	1000	784		78	50-150
Magnesium	1000	1030		103	50-150
Manganese	10.0	10.4	J	104	50-150
Sodium	1000	927		93	50-150
Nickel	10.0	11.0		110	50-150
Lead	30.0	32.1		107	50-150
Antimony	30.0	37.2		124	50-150
Selenium	75.0	70.2	J	94	50-150
Thallium	30.0	31.4		105	50-150
Vanadium	10.0	10.2		102	50-150
Zinc	30.0	29.2	J	97	50-150

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 Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 220-38221/4 05/06/2010 11:25		CCB 220-38221/57 05/06/2010 14:18		CCB 220-38221/69 05/06/2010 15:16		CCB 220-38221/81 05/06/2010 15:56	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	500	500	U	500	U	500	U	24.0	J
As	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Ba	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Be	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Ca	500	500	U	500	U	500	U	500	U
Cd	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Co	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Fe	250	250	U	250	U	250	U	250	U
K	500	500	U	500	U	500	U	500	U
Mg	500	500	U	500	U	500	U	500	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	500	500	U	500	U	500	U	500	U
Ni	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Pb	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Sb	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Se	75.0	75.0	U	75.0	U	75.0	U	75.0	U
Tl	30.0	30.0	U	30.0	U	30.0	U	30.0	U
V	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Zn	50.0	50.0	U	50.0	U	50.0	U	50.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	CCB 220-38221/93 05/06/2010 16:35		CCB 220-38221/104 05/06/2010 17:10					
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U				
Al	500	500	U	500	U				
As	30.0	30.0	U	30.0	U				
Ba	10.0	10.0	U	10.0	U				
Be	10.0	10.0	U	10.0	U				
Ca	500	500	U	500	U				
Cd	10.0	10.0	U	10.0	U				
Co	10.0	10.0	U	10.0	U				
Cr	10.0	10.0	U	10.0	U				
Cu	20.0	20.0	U	20.0	U				
Fe	250	250	U	250	U				
K	500	500	U	500	U				
Mg	500	500	U	500	U				
Mn	15.0	15.0	U	15.0	U				
Na	500	500	U	500	U				
Ni	10.0	10.0	U	10.0	U				
Pb	30.0	30.0	U	30.0	U				
Sb	30.0	30.0	U	30.0	U				
Se	75.0	75.0	U	75.0	U				
Tl	30.0	30.0	U	30.0	U				
V	10.0	10.0	U	10.0	U				
Zn	50.0	50.0	U	50.0	U				

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 220-38295/4 05/10/2010 12:51		CCB 220-38295/9 05/10/2010 13:08		CCB 220-38295/21 05/10/2010 13:49		CCB 220-38295/33 05/10/2010 14:28	
		Found	C	Found	C	Found	C	Found	C
Ag	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Al	500	500	U	500	U	500	U	500	U
As	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Ba	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Be	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Ca	500	500	U	500	U	500	U	500	U
Cd	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Co	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cr	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cu	20.0	20.0	U	20.0	U	20.0	U	20.0	U
Fe	250	250	U	250	U	250	U	250	U
K	500	500	U	500	U	500	U	500	U
Mg	500	500	U	500	U	500	U	500	U
Mn	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Na	500	500	U	500	U	500	U	500	U
Ni	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Pb	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Sb	30.0	30.0	U	30.0	U	30.0	U	30.0	U
Se	75.0	75.0	U	75.0	U	75.0	U	75.0	U
Tl	30.0	30.0	U	30.0	U	30.0	U	30.0	U
V	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Zn	50.0	50.0	U	50.0	U	50.0	U	50.0	U

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L

Analyte	RL	ICB 220-38189/8 05/05/2010 12:30		CCB 220-38189/20 05/05/2010 12:43		CCB 220-38189/32 05/05/2010 12:54		CCB 220-38189/41 05/05/2010 13:04	
		Found	C	Found	C	Found	C	Found	C
Hg	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 220-38211/1-A

Instrument Code: ICAP3 Batch No.: 38221

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	5.0	U		6010B
7429-90-5	Aluminum	500	U		6010B
7440-38-2	Arsenic	15.0	U		6010B
7440-39-3	Barium	5.0	U		6010B
7440-41-7	Beryllium	5.0	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-47-3	Chromium	5.0	U		6010B
7440-50-8	Copper	34.6			6010B
7439-89-6	Iron	125	U		6010B
7440-09-7	Potassium	500	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	8.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7439-92-1	Lead	4.21	J		6010B
7440-36-0	Antimony	15.0	U		6010B
7782-49-2	Selenium	38.0	U		6010B
7440-28-0	Thallium	15.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	21.3	J		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 220-38241/1-A

Instrument Code: ICAP3 Batch No.: 38295

CAS No.	Analyte	Concentration	C	Q	Method
7440-22-4	Silver	5.0	U		6010B
7429-90-5	Aluminum	500	U		6010B
7440-38-2	Arsenic	15.0	U		6010B
7440-39-3	Barium	5.0	U		6010B
7440-41-7	Beryllium	5.0	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-47-3	Chromium	5.0	U		6010B
7440-50-8	Copper	10.0	U		6010B
7439-89-6	Iron	125	U		6010B
7440-09-7	Potassium	500	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	8.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-02-0	Nickel	5.0	U		6010B
7439-92-1	Lead	15.0	U		6010B
7440-36-0	Antimony	15.0	U		6010B
7782-49-2	Selenium	38.0	U		6010B
7440-28-0	Thallium	15.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	25.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 220-38146/1-A

Instrument Code: MERC1 Batch No.: 38189

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: ICSA 220-38221/6 Instrument ID: ICAP3

Lab File ID: ICS Source: micsa_00038

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**-1.82**	
Al	**500000**	**508539**	**102**
As		**1.22**	
Ba		**1.97**	
Be		**-0.455**	
Ca	**500000**	**473090**	**95**
Cd		**-2.43**	
Co		**-2.25**	
Cr		**-0.504**	
Cu		**5.06**	
Fe	**200000**	**178966**	**89**
K		**86.2**	
Mg	**500000**	**449453**	**90**
Mn		**-20.5**	
Na		**55.7**	
Ni		**-0.192**	
Pb		**2.40**	
Sb		**-8.67**	
Se		**-48.5**	
Tl		**-33.2**	
V		**2.25**	
Zn		**12.8**	
B		*-5.05*	
Mo		*2.53*	
Sn		*-19.7*	
Sr		*5.07*	
Ti		*-9.64*	

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 Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: ICSAB 220-38221/7 Instrument ID: ICAP3

Lab File ID: ICS Source: micsab_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**112**	**112**
Al	**500000**	**524155**	**105**
As	**500**	**490**	**98**
Ba	**500**	**491**	**98**
Be	**500**	**487**	**97**
Ca	**500000**	**489000**	**98**
Cd	**500**	**460**	**92**
Co	**500**	**471**	**94**
Cr	**500**	**483**	**97**
Cu	**500**	**600**	**120**
Fe	**200000**	**186011**	**93**
Mg	**500000**	**463485**	**93**
Mn	**500**	**461**	**92**
Ni	**500**	**456**	**91**
Pb	**500**	**477**	**95**
Sb	**500**	**511**	**102**
Se	**1000**	**990**	**99**
Tl	**500**	**445**	**89**
V	**500**	**485**	**97**
Zn	**500**	**458**	**92**
B	*500*	*500*	*100*
Mo	*500*	*501*	*100*
Sn	*500*	*472*	*94*
Sr	*500*	*511*	*102*
Ti	*500*	*512*	*102*

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 Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: ICSA 220-38295/6 Instrument ID: ICAP3

Lab File ID: ICS Source: micsa_00038

Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Ag		**1.30**	
Al	**500000**	**520660**	**104**
As		**5.91**	
Ba		**2.27**	
Be		**-0.377**	
Ca	**500000**	**478904**	**96**
Cd		**-0.906**	
Co		**-0.992**	
Cr		**-0.582**	
Cu		**6.06**	
Fe	**200000**	**181195**	**91**
K		**68.2**	
Mg	**500000**	**447652**	**90**
Mn		**-19.6**	
Na		**46.2**	
Ni		**-0.908**	
Pb		**-12.0**	
Sb		**-4.47**	
Se		**-80.5**	
Tl		**-31.8**	
V		**0.562**	
Zn		**8.20**	
B		*-4.17*	
Mo		*-2.25*	
Sn		*-11.6*	
Sr		*4.95*	
Ti		*-10.1*	

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 Connecticut Job No.: 220-12107-1

SDG No.:

Lab Sample ID: ICSAB 220-38295/7 Instrument ID: ICAP3

Lab File ID: ICS Source: micsab_00038

Concentration Units: ug/L

Analyte	True Solution AB	Found Solution AB	Found Percent Recovery
Ag	**100**	**116**	**116**
Al	**500000**	**526379**	**105**
As	**500**	**505**	**101**
Ba	**500**	**496**	**99**
Be	**500**	**486**	**97**
Ca	**500000**	**487249**	**97**
Cd	**500**	**469**	**94**
Co	**500**	**487**	**97**
Cr	**500**	**488**	**98**
Cu	**500**	**606**	**121**
Fe	**200000**	**186541**	**93**
Mg	**500000**	**456015**	**91**
Mn	**500**	**462**	**92**
Ni	**500**	**466**	**93**
Pb	**500**	**479**	**96**
Sb	**500**	**529**	**106**
Se	**1000**	**1021**	**102**
Tl	**500**	**486**	**97**
V	**500**	**491**	**98**
Zn	**500**	**475**	**95**
B	*500*	*522*	*104*
Mo	*500*	*514*	*103*
Sn	*500*	*482*	*96*
Sr	*500*	*506*	*101*
Ti	*500*	*511*	*102*

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: MW-10 MS | Lab ID: 220-12107-7 MS

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

Matrix: Water | Concentration Units: ug/L

% Solids:

Analyte	SSR	C	Sample Result (SR)	C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Silver	65.4		5.0	U	60.0	109	75-125		6010B
Aluminum	1620		500	U	1670	97	75-125		6010B
Arsenic	210		15.0	U	200	105	75-125		6010B
Barium	277		215		60.0	104	75-125		6010B
Beryllium	21.9		5.0	U	20.0	110	75-125		6010B
Calcium	15540		12300		3330	97	75-125		6010B
Cadmium	63.0		5.0	U	60.0	105	75-125		6010B
Cobalt	66.7		5.0	U	60.0	111	75-125		6010B
Chromium	63.6		5.0	U	60.0	106	75-125		6010B
Copper	68.7		10.0	U	60.0	115	75-125		6010B
Iron	1930		247		1670	101	75-125		6010B
Potassium	9660		2460		7330	98	75-125		6010B
Magnesium	6700		3260		3330	103	75-125		6010B
Manganese	83.4		41.6		40.0	104	75-125		6010B
Sodium	23300		19900		3330	101	75-125	4	6010B
Nickel	66.2		5.0	U	60.0	110	75-125		6010B
Lead	208		15.0	U	200	104	75-125		6010B
Antimony	578		15.0	U	500	116	75-125		6010B
Selenium	99.6		38.0	U	100	100	75-125		6010B
Thallium	215		15.0	U	200	108	75-125		6010B
Vanadium	66.5		5.0	U	60.0	111	75-125		6010B
Zinc	62.6		25.0	U	60.0	104	75-125		6010B
Mercury	2.03		0.20	U	2.00	102	75-125		7470A

SSR = Spiked Sample Result

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

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: MW-10 MSD
Lab ID: 220-12107-7 MSD
Lab Name: TestAmerica Connecticut
Job No.: 220-12107-1
SDG No.:
Matrix: Water
Concentration Units: ug/L
% Solids:

Analyte	(SDR)	C	Spike Added (SA)	%R	Control Limit %R	RPD	RPD Limit	Q	Method
Silver	65.4		60.0	109	75-125	0	20		6010B
Aluminum	1630		1670	98	75-125	1	20		6010B
Arsenic	209		200	105	75-125	0	20		6010B
Barium	276		60.0	103	75-125	0	20		6010B
Beryllium	21.8		20.0	109	75-125	0	20		6010B
Calcium	15690		3330	101	75-125	1	20		6010B
Cadmium	63.2		60.0	105	75-125	0	20		6010B
Cobalt	67.0		60.0	112	75-125	0	20		6010B
Chromium	64.0		60.0	107	75-125	1	20		6010B
Copper	68.5		60.0	114	75-125	0	20		6010B
Iron	1930		1670	101	75-125	0	20		6010B
Potassium	9710		7330	99	75-125	0	20		6010B
Magnesium	6720		3330	104	75-125	0	20		6010B
Manganese	83.2		40.0	104	75-125	0	20		6010B
Sodium	23730		3330	115	75-125	2	20	4	6010B
Nickel	66.2		60.0	110	75-125	0	20		6010B
Lead	211		200	106	75-125	1	20		6010B
Antimony	588		500	118	75-125	2	20		6010B
Selenium	93.1		100	93	75-125	7	20		6010B
Thallium	214		200	107	75-125	1	20		6010B
Vanadium	66.5		60.0	111	75-125	0	20		6010B
Zinc	62.5		60.0	104	75-125	0	20		6010B
Mercury	2.05		2.00	103	75-125	1	25		7470A

SDR = Sample Duplicate Result

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

FORM VD - IN

6-IN
DUPLICATES
METALS

Client ID: MW-10 DU | Lab ID: 220-12107-7 DU

Lab Name: TestAmerica Connecticut | Job No.: 220-12107-1

SDG No.:

% Solids for Sample: | % Solids for Duplicate:

Matrix: Water | Concentration Units: ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	Method
Silver	5.0	5.0	U	5.0	U	NC		6010B
Aluminum	500	500	U	500	U	NC		6010B
Arsenic	15.0	15.0	U	15.0	U	NC		6010B
Barium	5.0	215		215		0		6010B
Beryllium	5.0	5.0	U	5.0	U	NC		6010B
Calcium	500	12300		12130		2		6010B
Cadmium	5.0	5.0	U	5.0	U	NC		6010B
Cobalt	5.0	5.0	U	5.0	U	NC		6010B
Chromium	5.0	5.0	U	5.0	U	NC		6010B
Copper	10.0	10.0	U	10.0	U	NC		6010B
Iron	125	247		243		1		6010B
Potassium	500	2460		2440		1		6010B
Magnesium	500	3260		3250		0		6010B
Manganese	8.0	41.6		41.4		0		6010B
Sodium	500	19900		19930		0		6010B
Nickel	5.0	5.0	U	5.0	U	NC		6010B
Lead	15.0	15.0	U	15.0	U	NC		6010B
Antimony	15.0	15.0	U	15.0	U	NC		6010B
Selenium	38.0	38.0	U	38.0	U	NC		6010B
Thallium	15.0	15.0	U	15.0	U	NC		6010B
Vanadium	5.0	5.0	U	5.0	U	NC		6010B
Zinc	25.0	25.0	U	25.0	U	NC		6010B
Mercury	0.20	0.20	U	0.20	U	NC		7470A

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

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 220-38211/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

Sample Matrix: Water LCS Source: mlcspw_00058

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	300	307		102	80	120		6010B
Aluminum	6000	5790		97	80	120		6010B
Arsenic	1000	1040		104	80	120		6010B
Barium	300	314		105	80	120		6010B
Beryllium	100	108		108	80	120		6010B
Calcium	30000	29400		98	80	120		6010B
Cadmium	300	304		101	80	120		6010B
Cobalt	300	331		110	80	120		6010B
Chromium	300	312		104	80	120		6010B
Copper	300	330		110	80	120		6010B
Iron	25000	24680		99	80	120		6010B
Potassium	20000	19120		96	80	120		6010B
Magnesium	15000	15220		101	80	120		6010B
Manganese	200	210		105	80	120		6010B
Sodium	30000	29400		98	80	120		6010B
Nickel	300	328		109	80	120		6010B
Lead	1000	1050		105	80	120		6010B
Antimony	1000	998		100	80	120		6010B
Selenium	500	486		97	80	120		6010B
Thallium	1000	1040		104	80	120		6010B
Vanadium	300	310		103	80	120		6010B
Zinc	300	306		102	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 220-38241/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

Sample Matrix: Water LCS Source: mlcspw_00058

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Silver	300	313		104	80	120		6010B
Aluminum	6000	5750		96	80	120		6010B
Arsenic	1000	1050		105	80	120		6010B
Barium	300	318		106	80	120		6010B
Beryllium	100	108		108	80	120		6010B
Calcium	30000	28870		96	80	120		6010B
Cadmium	300	317		106	80	120		6010B
Cobalt	300	334		111	80	120		6010B
Chromium	300	314		105	80	120		6010B
Copper	300	336		112	80	120		6010B
Iron	25000	24480		98	80	120		6010B
Potassium	20000	19140		96	80	120		6010B
Magnesium	15000	14860		99	80	120		6010B
Manganese	200	209		105	80	120		6010B
Sodium	30000	28540		95	80	120		6010B
Nickel	300	329		110	80	120		6010B
Lead	1000	1050		105	80	120		6010B
Antimony	1000	1000		100	80	120		6010B
Selenium	500	516		103	80	120		6010B
Thallium	1000	1070		107	80	120		6010B
Vanadium	300	315		105	80	120		6010B
Zinc	300	311		104	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 220-38146/2-A

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

Sample Matrix: Water LCS Source: mhgcalver_00038

Analyte	Water(ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	5.00	5.11		102	80	120		7470A

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: 220-12107-8

SDG No:

Lab Name: TestAmerica Connecticut Job No: 220-12107-1

Matrix: Water Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method
Silver	0.32	J	25.0	U	NC		6010B
Aluminum	500	U	2500	U	NC		6010B
Arsenic	15.0	U	75.0	U	NC		6010B
Barium	21.1		21.9	J	3.8		6010B
Beryllium	5.0	U	25.0	U	NC		6010B
Calcium	11500		12040		4.5		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Cobalt	1.4	J	25.0	U	NC		6010B
Chromium	0.84	J	25.0	U	NC		6010B
Copper	6.2	J	50.0	U	NC		6010B
Iron	29200		30750		5.4		6010B
Potassium	2600		2330	J	10		6010B
Magnesium	2580		2670		3.6		6010B
Manganese	372		379		2.0		6010B
Sodium	28900		28720		0.58		6010B
Nickel	1.8	J	25.0	U	NC		6010B
Lead	15.0	U	75.0	U	NC		6010B
Antimony	15.0	U	75.0	U	NC		6010B
Selenium	38.0	U	190	U	NC		6010B
Thallium	15.0	U	75.0	U	NC		6010B
Vanadium	1.1	J	25.0	U	NC		6010B
Zinc	25.0	U	125	U	NC		6010B

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-12107-1

SDG Number:

Matrix: Water Instrument ID: ICAP3

Analysis Method: 6010B MDL Date: 03/15/2009 17:34

Prep Method: 3010A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	396.153	500	10
Antimony	206.836	15	5
Arsenic	188.979	15	4
Barium	233.527	5	0.25
Beryllium	313.107	5	0.25
Cadmium	214.440	5	1
Calcium	317.933	500	50
Chromium	267.716	5	0.5
Cobalt	228.616	5	0.5
Copper	324.752	10	1.5
Iron	238.204	125	15
Lead	220.353	15	2.5
Magnesium	285.213	500	5
Manganese	257.610	8	0.25
Nickel	231.604	5	1
Potassium	766.490	500	50
Selenium	196.026	38	12.5
Silver	328.068	5	0.25
Sodium	589.592	500	50
Thallium	190.801	15	3.5
Vanadium	311.071	5	1
Zinc	206.200	25	5

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-12107-1

SDG Number:

Matrix: Water Instrument ID: MERC1

Analysis Method: 7470A MDL Date: 03/18/2009 14:29

Prep Method: 7470A

Leach Method:

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.06

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-12107-1

SDG No.:

ICP-AES Instrument ID: ICAP3 Date: 02/01/2010

Analyte	Wave Length	Ag	Al	As	B	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg
Aluminum	396.153														
Antimony	206.836										17.4837				
Arsenic	188.979		0.0464404								-4.31485		-0.0952877		
Barium	233.527												0.0117027		
Beryllium	313.107														
Boron	249.772												2.56985		
Cadmium	214.440												0.0412187		
Calcium	317.933														
Chromium	267.716												-0.018977		
Cobalt	228.616												0.0282759		
Copper	324.752									-1.16648			-0.167671		
Iron	238.204														
Lead	220.353		-0.0810345										0.129267		
Magnesium	285.213												-0.713072		
Manganese	257.610														
Molybdenum	202.031												-0.0373038		
Nickel	231.604									-0.766006					
Potassium	766.490														
Selenium	196.026		-0.0743261										-0.413168		
Silver	328.068												-0.0396569		
Sodium	589.592														
Strontium	421.552														
Thallium	190.801									6.03862					
Tin	189.927														
Titanium	334.940														
Tungsten															
Vanadium	311.071												0.0270262		
Yttrium															
Zinc	206.200		0.00145838							-0.109733	-6.04777		-0.0347822		

X-IN

10-IN
ICP-AES INTERELEMENT CORRECTION FACTORS
METALS

Lab Name: TestAmerica Connecticut Job Number: 220-12107-1

SDG No.:

ICP-AES Instrument ID: ICAP3 Date: 02/01/2010

Analyte	Wave Length	Mn	Mo	Na	Ni	Pb	Sb	Se	Sn	Sr	Ti	Tl	V	Y	Zn
Aluminum	396.153		44.0021												
Antimony	206.836		-12.3027										-2.16745		
Arsenic	188.979		4.59297												
Barium	233.527												-2.42192		
Beryllium	313.107										-2.41945				
Boron	249.772														
Cadmium	214.440														
Calcium	317.933														
Chromium	267.716												-0.798444		
Cobalt	228.616		-1.74272								2.10963				
Copper	324.752														
Iron	238.204														
Lead	220.353		-3.02069												
Magnesium	285.213														
Manganese	257.610														
Molybdenum	202.031														
Nickel	231.604														
Potassium	766.490														
Selenium	196.026														
Silver	328.068												-3.90522		
Sodium	589.592														
Strontium	421.552														
Thallium	190.801										-11.3556				
Tin	189.927										-6.84242				
Titanium	334.940														
Tungsten															
Vanadium	311.071										11.6567				
Yttrium															
Zinc	206.200		-0.0677377								-0.0485369		-0.0549763		

11-IN
ICP-AES AND ICP-MS LINEAR RANGES
METALS

Lab Name: TestAmerica Connecticut Job No: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Date: 02/22/2010 17:03

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Silver		3600	6010B
Aluminum		450000	6010B
Arsenic		36000	6010B
Barium		36000	6010B
Beryllium		9000	6010B
Calcium		675000	6010B
Cadmium		18000	6010B
Cobalt		36000	6010B
Chromium		36000	6010B
Copper		36000	6010B
Iron		450000	6010B
Potassium		675000	6010B
Magnesium		450000	6010B
Manganese		18000	6010B
Sodium		675000	6010B
Nickel		36000	6010B
Lead		90000	6010B
Antimony		45000	6010B
Selenium		36000	6010B
Thallium		36000	6010B
Vanadium		36000	6010B
Zinc		36000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-38211/1-A	05/06/2010 11:30	38211		100	50
LCS 220-38211/2-A	05/06/2010 11:30	38211		50	50
220-12107-1	05/06/2010 11:30	38211		100	50
220-12107-2	05/06/2010 11:30	38211		100	50
220-12107-3	05/06/2010 11:30	38211		100	50
220-12107-4	05/06/2010 11:30	38211		100	50
220-12107-5	05/06/2010 11:30	38211		100	50
220-12107-6	05/06/2010 11:30	38211		100	50
220-12107-8	05/06/2010 11:30	38211		100	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Preparation Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-38241/1-A	05/07/2010 11:06	38241		100	50
LCS 220-38241/2-A	05/07/2010 11:06	38241		50	50
220-12107-7	05/07/2010 11:06	38241		100	50
220-12107-7 DU	05/07/2010 11:06	38241		100	50
220-12107-7 MS	05/07/2010 11:06	38241		100	50
220-12107-7 MSD	05/07/2010 11:06	38241		100	50
220-12107-9	05/07/2010 11:06	38241		100	50
220-12107-10	05/07/2010 11:06	38241		100	50
220-12107-11	05/07/2010 11:06	38241		100	50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Preparation Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 220-38146/1-A	05/04/2010 10:41	38146		25	50
LCS 220-38146/2-A	05/04/2010 10:41	38146		50	50
220-12107-1	05/04/2010 10:41	38146		25	50
220-12107-2	05/04/2010 10:41	38146		25	50
220-12107-3	05/04/2010 10:41	38146		25	50
220-12107-4	05/04/2010 10:41	38146		25	50
220-12107-5	05/04/2010 10:41	38146		25	50
220-12107-6	05/04/2010 10:41	38146		25	50
220-12107-7	05/04/2010 10:41	38146		25	50
220-12107-7 DU	05/04/2010 10:41	38146		25	50
220-12107-7 MS	05/04/2010 10:41	38146		25	50
220-12107-7 MSD	05/04/2010 10:41	38146		25	50
220-12107-8	05/04/2010 10:41	38146		25	50
220-12107-9	05/04/2010 10:41	38146		25	50
220-12107-10	05/04/2010 10:46	38146		25	50
220-12107-11	05/04/2010 10:46	38146		25	50

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
STD1 220-38221/1 IC			11:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 220-38221/2 IC			11:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 220-38221/3	1		11:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 220-38221/4	1		11:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 220-38221/5	1		11:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 220-38221/6	1		11:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 220-38221/7	1		11:35	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X
CCV 220-38221/8			11:39																				
CCB 220-38221/9			11:42																				
ZZZZZZ			11:45																				
ZZZZZZ			11:49																				
ZZZZZZ			11:52																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
CCV 220-38221/20			12:19																				
CCB 220-38221/21			12:22																				
ZZZZZZ			12:25																				
ZZZZZZ			12:29																				
ZZZZZZ			12:32																				
ZZZZZZ			12:35																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:44																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
CCV 220-38221/32			12:56																				
CCB 220-38221/33			12:59																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:09																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:24																				
ZZZZZZ			13:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			13:31																				
CCV 220-38221/44			13:35																				
CCB 220-38221/45			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
ZZZZZZ			13:52																				
ZZZZZZ			13:56																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
CCV 220-38221/56	1		14:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38221/57	1		14:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:21																				
ZZZZZZ			14:24																				
ZZZZZZ			14:47																				
ZZZZZZ			14:50																				
ZZZZZZ			14:53																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
MB 220-38211/1-A	1	T	15:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 220-38211/2-A	1	T	15:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:10																				
CCV 220-38221/68	1		15:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38221/69	1		15:16	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:27																				
ZZZZZZ			15:30																				
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:40																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
CCV 220-38221/80	1		15:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38221/81	1		15:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:59																				
ZZZZZZ			16:02																				
ZZZZZZ			16:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
220-12107-1	1	T	16:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-2	1	T	16:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:15																				
ZZZZZZ			16:18																				
ZZZZZZ			16:22																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
CCV 220-38221/92	1		16:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38221/93	1		16:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			16:38																				
ZZZZZZ			16:41																				
ZZZZZZ			16:44																				
220-12107-3	1	T	16:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-4	1	T	16:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-5	1	T	16:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-6	1	T	16:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-8	1	T	17:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-8 SD	5	T	17:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 220-38221/103	1		17:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38221/104	1		17:10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
STD1 220-38221/1 IC			11:15	X	X																		
STD2 220-38221/2 IC			11:18	X	X																		
ICV 220-38221/3	1		11:21	X	X																		
ICB 220-38221/4	1		11:25	X	X																		
CRI 220-38221/5	1		11:28	X	X																		
ICSA 220-38221/6	1		11:31	X	X																		
ICSAB 220-38221/7	1		11:35	X	X																		
CCV 220-38221/8			11:39																				
CCB 220-38221/9			11:42																				
ZZZZZZ			11:45																				
ZZZZZZ			11:49																				
ZZZZZZ			11:52																				
ZZZZZZ			11:56																				
ZZZZZZ			11:59																				
ZZZZZZ			12:03																				
ZZZZZZ			12:07																				
ZZZZZZ			12:10																				
ZZZZZZ			12:13																				
ZZZZZZ			12:16																				
CCV 220-38221/20			12:19																				
CCB 220-38221/21			12:22																				
ZZZZZZ			12:25																				
ZZZZZZ			12:29																				
ZZZZZZ			12:32																				
ZZZZZZ			12:35																				
ZZZZZZ			12:38																				
ZZZZZZ			12:41																				
ZZZZZZ			12:44																				
ZZZZZZ			12:47																				
ZZZZZZ			12:50																				
ZZZZZZ			12:53																				
CCV 220-38221/32			12:56																				
CCB 220-38221/33			12:59																				
ZZZZZZ			13:03																				
ZZZZZZ			13:06																				
ZZZZZZ			13:09																				
ZZZZZZ			13:12																				
ZZZZZZ			13:15																				
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:24																				
ZZZZZZ			13:28																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			13:31																				
CCV 220-38221/44			13:35																				
CCB 220-38221/45			13:39																				
ZZZZZZ			13:42																				
ZZZZZZ			13:46																				
ZZZZZZ			13:49																				
ZZZZZZ			13:52																				
ZZZZZZ			13:56																				
ZZZZZZ			13:59																				
ZZZZZZ			14:02																				
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
CCV 220-38221/56	1		14:14	X	X																		
CCB 220-38221/57	1		14:18	X	X																		
ZZZZZZ			14:21																				
ZZZZZZ			14:24																				
ZZZZZZ			14:47																				
ZZZZZZ			14:50																				
ZZZZZZ			14:53																				
ZZZZZZ			14:56																				
ZZZZZZ			14:59																				
MB 220-38211/1-A	1	T	15:03	X	X																		
LCS 220-38211/2-A	1	T	15:06	X	X																		
ZZZZZZ			15:10																				
CCV 220-38221/68	1		15:13	X	X																		
CCB 220-38221/69	1		15:16	X	X																		
ZZZZZZ			15:19																				
ZZZZZZ			15:23																				
ZZZZZZ			15:27																				
ZZZZZZ			15:30																				
ZZZZZZ			15:34																				
ZZZZZZ			15:37																				
ZZZZZZ			15:40																				
ZZZZZZ			15:43																				
ZZZZZZ			15:46																				
ZZZZZZ			15:49																				
CCV 220-38221/80	1		15:52	X	X																		
CCB 220-38221/81	1		15:56	X	X																		
ZZZZZZ			15:59																				
ZZZZZZ			16:02																				
ZZZZZZ			16:05																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/06/2010 11:15 End Date: 05/06/2010 17:10

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
220-12107-1	1	T	16:08	X	X																		
220-12107-2	1	T	16:12	X	X																		
ZZZZZZ			16:15																				
ZZZZZZ			16:18																				
ZZZZZZ			16:22																				
ZZZZZZ			16:25																				
ZZZZZZ			16:28																				
CCV 220-38221/92	1		16:31	X	X																		
CCB 220-38221/93	1		16:35	X	X																		
ZZZZZZ			16:38																				
ZZZZZZ			16:41																				
ZZZZZZ			16:44																				
220-12107-3	1	T	16:47	X	X																		
220-12107-4	1	T	16:51	X	X																		
220-12107-5	1	T	16:54	X	X																		
220-12107-6	1	T	16:57	X	X																		
220-12107-8	1	T	17:00	X	X																		
220-12107-8 SD	5	T	17:03	X	X																		
CCV 220-38221/103	1		17:06	X	X																		
CCB 220-38221/104	1		17:10	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/10/2010 12:41 End Date: 05/10/2010 16:54

Lab Sample ID	D/F	Type	Time	Analytes																			
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
STD1 220-38295/1 IC			12:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
STD2 220-38295/2 IC			12:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICV 220-38295/3	1		12:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 220-38295/4	1		12:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CRI 220-38295/5	1		12:54	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 220-38295/6	1		12:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 220-38295/7	1		13:01	X	X	X	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X
CCV 220-38295/8	1		13:04	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38295/9	1		13:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 220-38241/1-A	1	T	13:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 220-38241/2-A	1	T	13:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				
ZZZZZZ			13:32																				
220-12107-7	1	T	13:35	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-7 DU	1	T	13:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-7 MS	1	T	13:42	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCV 220-38295/20	1		13:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38295/21	1		13:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-7 MSD	1	T	13:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-9	1	T	13:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-10	1	T	13:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
220-12107-11	1	T	14:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
ZZZZZZ			14:21																				
CCV 220-38295/32	1		14:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 220-38295/33	1		14:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:45																				
ZZZZZZ			14:48																				
ZZZZZZ			14:52																				
ZZZZZZ			14:55																				
ZZZZZZ			14:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/10/2010 12:41 End Date: 05/10/2010 16:54

Lab Sample ID	D/F	Type	Time	Analytes																				
				Ag	Al	As	Ba	Be	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Na	Ni	Pb	Sb	Se	Tl
ZZZZZZ			15:01																					
CCV 220-38295/44			15:04																					
CCB 220-38295/45			15:08																					
ZZZZZZ			15:11																					
ZZZZZZ			15:14																					
ZZZZZZ			15:17																					
ZZZZZZ			15:20																					
ZZZZZZ			15:23																					
ZZZZZZ			15:26																					
ZZZZZZ			15:30																					
ZZZZZZ			15:33																					
ZZZZZZ			15:36																					
ZZZZZZ			15:40																					
CCV 220-38295/56			15:43																					
CCB 220-38295/57			15:46																					
ZZZZZZ			15:49																					
ZZZZZZ			15:53																					
ZZZZZZ			15:56																					
ZZZZZZ			16:00																					
ZZZZZZ			16:03																					
ZZZZZZ			16:06																					
ZZZZZZ			16:09																					
ZZZZZZ			16:13																					
ZZZZZZ			16:16																					
ZZZZZZ			16:19																					
CCV 220-38295/68			16:22																					
CCB 220-38295/69			16:25																					
ZZZZZZ			16:29																					
ZZZZZZ			16:32																					
ZZZZZZ			16:35																					
ZZZZZZ			16:38																					
ZZZZZZ			16:41																					
ZZZZZZ			16:44																					
ZZZZZZ			16:47																					
CCV 220-38295/77			16:50																					
CCB 220-38295/78			16:54																					

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/10/2010 12:41 End Date: 05/10/2010 16:54

Lab Sample ID	D/F	Type	Time	Analytes																			
				V	Zn																		
STD1 220-38295/1 IC			12:41	X	X																		
STD2 220-38295/2 IC			12:44	X	X																		
ICV 220-38295/3	1		12:47	X	X																		
ICB 220-38295/4	1		12:51	X	X																		
CRI 220-38295/5	1		12:54	X	X																		
ICSA 220-38295/6	1		12:57	X	X																		
ICSAB 220-38295/7	1		13:01	X	X																		
CCV 220-38295/8	1		13:04	X	X																		
CCB 220-38295/9	1		13:08	X	X																		
MB 220-38241/1-A	1	T	13:11	X	X																		
LCS 220-38241/2-A	1	T	13:14	X	X																		
ZZZZZZ			13:18																				
ZZZZZZ			13:21																				
ZZZZZZ			13:25																				
ZZZZZZ			13:28																				
ZZZZZZ			13:32																				
220-12107-7	1	T	13:35	X	X																		
220-12107-7 DU	1	T	13:38	X	X																		
220-12107-7 MS	1	T	13:42	X	X																		
CCV 220-38295/20	1		13:45	X	X																		
CCB 220-38295/21	1		13:49	X	X																		
220-12107-7 MSD	1	T	13:52	X	X																		
220-12107-9	1	T	13:55	X	X																		
220-12107-10	1	T	13:58	X	X																		
220-12107-11	1	T	14:01	X	X																		
ZZZZZZ			14:05																				
ZZZZZZ			14:08																				
ZZZZZZ			14:11																				
ZZZZZZ			14:15																				
ZZZZZZ			14:18																				
ZZZZZZ			14:21																				
CCV 220-38295/32	1		14:25	X	X																		
CCB 220-38295/33	1		14:28	X	X																		
ZZZZZZ			14:31																				
ZZZZZZ			14:35																				
ZZZZZZ			14:38																				
ZZZZZZ			14:42																				
ZZZZZZ			14:45																				
ZZZZZZ			14:48																				
ZZZZZZ			14:52																				
ZZZZZZ			14:55																				
ZZZZZZ			14:58																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: ICAP3 Method: 6010B

Start Date: 05/10/2010 12:41 End Date: 05/10/2010 16:54

Lab Sample ID	D / F	Type	Time	Analytes																			
				V	Zn																		
ZZZZZZ			15:01																				
CCV 220-38295/44			15:04																				
CCB 220-38295/45			15:08																				
ZZZZZZ			15:11																				
ZZZZZZ			15:14																				
ZZZZZZ			15:17																				
ZZZZZZ			15:20																				
ZZZZZZ			15:23																				
ZZZZZZ			15:26																				
ZZZZZZ			15:30																				
ZZZZZZ			15:33																				
ZZZZZZ			15:36																				
ZZZZZZ			15:40																				
CCV 220-38295/56			15:43																				
CCB 220-38295/57			15:46																				
ZZZZZZ			15:49																				
ZZZZZZ			15:53																				
ZZZZZZ			15:56																				
ZZZZZZ			16:00																				
ZZZZZZ			16:03																				
ZZZZZZ			16:06																				
ZZZZZZ			16:09																				
ZZZZZZ			16:13																				
ZZZZZZ			16:16																				
ZZZZZZ			16:19																				
CCV 220-38295/68			16:22																				
CCB 220-38295/69			16:25																				
ZZZZZZ			16:29																				
ZZZZZZ			16:32																				
ZZZZZZ			16:35																				
ZZZZZZ			16:38																				
ZZZZZZ			16:41																				
ZZZZZZ			16:44																				
ZZZZZZ			16:47																				
CCV 220-38295/77			16:50																				
CCB 220-38295/78			16:54																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MERC1 Method: 7470A

Start Date: 05/05/2010 12:21 End Date: 05/05/2010 13:04

Lab Sample ID	D / F	Type	Time	Analytes																			
				Hg																			
ZZZZZZ			12:21																				
ZZZZZZ			12:22																				
ZZZZZZ			12:23																				
ZZZZZZ			12:24																				
ZZZZZZ			12:26																				
ZZZZZZ			12:27																				
ICV 220-38189/7	1		12:28	X																			
ICB 220-38189/8	1		12:30	X																			
MB 220-38146/1-A	1	T	12:31	X																			
LCS 220-38146/2-A	1	T	12:32	X																			
ZZZZZZ			12:33																				
ZZZZZZ			12:34																				
ZZZZZZ			12:35																				
ZZZZZZ			12:36																				
ZZZZZZ			12:37																				
ZZZZZZ			12:38																				
ZZZZZZ			12:39																				
ZZZZZZ			12:41																				
CCV 220-38189/19	1		12:42	X																			
CCB 220-38189/20	1		12:43	X																			
ZZZZZZ			12:44																				
ZZZZZZ			12:45																				
ZZZZZZ			12:46																				
220-12107-1	1	T	12:47	X																			
220-12107-2	1	T	12:48	X																			
220-12107-3	1	T	12:48	X																			
220-12107-4	1	T	12:49	X																			
220-12107-5	1	T	12:50	X																			
220-12107-6	1	T	12:51	X																			
220-12107-7	1	T	12:52	X																			
CCV 220-38189/31	1		12:53	X																			
CCB 220-38189/32	1		12:54	X																			
220-12107-7 DU	1	T	12:55	X																			
220-12107-7 MS	1	T	12:56	X																			
220-12107-7 MSD	1	T	12:57	X																			
220-12107-8	1	T	12:59	X																			
220-12107-9	1	T	13:00	X																			
220-12107-10	1	T	13:01	X																			
220-12107-11	1	T	13:01	X																			
CCV 220-38189/40	1		13:03	X																			
CCB 220-38189/41	1		13:04	X																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Connecticut Job No.: 220-12107-1

SDG No.:

Instrument ID: MERC1 Method: 7470A

Start Date: 05/05/2010 12:21 End Date: 05/05/2010 13:04

Prep Types
T = Total/NA

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 38221

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Matt Kuhn Date 5/7/10

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

==========

Analysis Begun

Start Time: 5/6/2010 11:14:58 AM
Plasma On Time: 5/6/2010 9:57:55 AM
Logged In Analyst: ctmetals
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3101802Autosampler Model: AS-93plus

Sample Information File: C:\pe\4300cycloneAT\Sample Information\050610.sif
Batch ID:
Results Data Set: 050610d
Results Library: C:\PE\4300cycloneAT\2007 Results\Results.mdb

==========

Method Loaded
Method Name: TA3
Method Last Saved: 5/3/2010 5:40:08 PM
IEC File: ta17.iec
MSF File:
Method Description: TA3

==========

Sequence No.: 1
Autosampler Location: 1
Sample ID: STD1
Date Collected: 5/6/2010 11:15:06 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: STD1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	1020928.8	730.33	0.07%	1.000	mg/L
Y (radial)	89699.6	1147.55	1.28%	1.000	mg/L
Ag 328.068†	-651.9	34.90	5.35%	[0.00]	ug/L
Al 396.153†	286.3	12.58	4.39%	[0.00]	ug/L
As 188.979†	-3.3	1.13	34.03%	[0.00]	ug/L
Ba 233.527†	-66.4	6.37	9.59%	[0.00]	ug/L
Be 313.107†	-3380.1	31.33	0.93%	[0.00]	ug/L
Ca 317.933†	1185.3	4.66	0.39%	[0.00]	ug/L
Cd 214.440†	117.2	8.26	7.05%	[0.00]	ug/L
Co 228.616†	-36.5	0.20	0.56%	[0.00]	ug/L
Cr 267.716†	40.4	8.98	22.23%	[0.00]	ug/L
Fe 238.204†	43.6	2.26	5.19%	[0.00]	ug/L
K 766.490†	-504.2	108.11	21.44%	[0.00]	ug/L
Mg 285.213†	34.5	3.60	10.42%	[0.00]	ug/L
Mn 257.610†	33.3	0.78	2.36%	[0.00]	ug/L
Mo 202.031†	1.5	1.04	69.96%	[0.00]	ug/L
Na 589.592†	1372.7	27.74	2.02%	[0.00]	ug/L
Ni 231.604†	-18.4	0.68	3.71%	[0.00]	ug/L
Pb 220.353†	26.8	14.12	52.78%	[0.00]	ug/L
Sb 206.836†	16.1	5.43	33.68%	[0.00]	ug/L
Se 196.026†	10.6	2.58	24.33%	[0.00]	ug/L
V 311.071†	5472.1	85.56	1.56%	[0.00]	ug/L
Sn 189.927†	-16.4	10.89	66.29%	[0.00]	ug/L
Sr 421.552†	238.0	12.90	5.42%	[0.00]	ug/L
Tl 190.801†	-31.8	8.35	26.27%	[0.00]	ug/L
Zn 206.200†	8.3	0.16	1.95%	[0.00]	ug/L
Ti 334.940†	63.6	32.59	51.25%	[0.00]	ug/L
B 249.772†	678.8	3.20	0.47%	[0.00]	ug/L
Cu 324.752†	5322.9	105.35	1.98%	[0.00]	ug/L
S 181.975†	8.6	2.58	29.84%	[0.00]	ug/L
Zr 343.823†	417.8	21.03	5.03%	[0.00]	ug/L

Sequence No.: 2
Sample ID: STD2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 5/6/2010 11:18:15 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: STD2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	927264.3	1806.02	0.19%	0.908	mg/L
Y (radial)	87652.0	2361.18	2.69%	0.977	mg/L
Ag 328.068†	88810.4	987.55	1.11%	[500]	ug/L
Al 396.153†	98843.5	169.60	0.17%	[11000]	ug/L
As 188.979†	1226.3	1.74	0.14%	[1000]	ug/L
Ba 233.527†	71585.5	784.67	1.10%	[1000]	ug/L
Be 313.107†	1904438.6	8292.72	0.44%	[1000]	ug/L
Ca 317.933†	446480.2	1152.89	0.26%	[50000]	ug/L
Cd 214.440†	46659.4	728.81	1.56%	[1000]	ug/L
Co 228.616†	19565.3	329.04	1.68%	[1000]	ug/L
Cr 267.716†	41008.0	507.79	1.24%	[1000]	ug/L
Fe 238.204†	29511.6	6.86	0.02%	[11000]	ug/L
K 766.490†	463716.7	10594.73	2.28%	[50000]	ug/L
Mg 285.213†	535494.6	12313.72	2.30%	[50000]	ug/L
Mn 257.610†	513584.3	1151.18	0.22%	[1000]	ug/L
Mo 202.031†	4693.5	15.51	0.33%	[1000]	ug/L
Na 589.592†	578220.3	11013.16	1.90%	[50000]	ug/L
Ni 231.604†	9672.2	6.90	0.07%	[1000]	ug/L
Pb 220.353†	2233.0	3.97	0.18%	[1000]	ug/L
Sb 206.836†	1549.4	15.56	1.00%	[1000]	ug/L
Se 196.026†	635.6	2.63	0.41%	[1000]	ug/L
V 311.071†	255008.6	3023.87	1.19%	[1000]	ug/L
Sn 189.927†	2053.2	14.43	0.70%	[1000]	ug/L
Sr 421.552†	737922.0	15714.71	2.13%	[1000]	ug/L
Tl 190.801†	1425.0	8.31	0.58%	[1000]	ug/L
Zn 206.200†	11403.2	35.72	0.31%	[1000]	ug/L
Ti 334.940†	835165.4	1121.26	0.13%	[1000]	ug/L
B 249.772†	43743.3	788.39	1.80%	[1000]	ug/L
Cu 324.752†	308040.2	4351.70	1.41%	[1000]	ug/L
S 181.975†	4707.0	26.42	0.56%	[20000]	ug/L
Zr 343.823†	356476.0	4906.96	1.38%	[1000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin, Calc Int	0.0	177.6	0.00000	1.000000	
Al 396.153	1	Lin, Calc Int	0.0	8.986	0.00000	1.000000	
As 188.979	1	Lin, Calc Int	0.0	1.226	0.00000	1.000000	
Ba 233.527	1	Lin, Calc Int	0.0	71.59	0.00000	1.000000	
Be 313.107	1	Lin, Calc Int	0.0	1904	0.00000	1.000000	
Ca 317.933	1	Lin, Calc Int	0.0	8.930	0.00000	1.000000	
Cd 214.440	1	Lin, Calc Int	0.0	46.66	0.00000	1.000000	
Co 228.616	1	Lin, Calc Int	0.0	19.57	0.00000	1.000000	
Cr 267.716	1	Lin, Calc Int	0.0	41.01	0.00000	1.000000	
Fe 238.204	1	Lin, Calc Int	0.0	2.683	0.00000	1.000000	
K 766.490	1	Lin, Calc Int	0.0	9.274	0.00000	1.000000	
Mg 285.213	1	Lin, Calc Int	0.0	10.71	0.00000	1.000000	
Mn 257.610	1	Lin, Calc Int	0.0	513.6	0.00000	1.000000	
Mo 202.031	1	Lin, Calc Int	0.0	4.694	0.00000	1.000000	
Na 589.592	1	Lin, Calc Int	0.0	11.56	0.00000	1.000000	
Ni 231.604	1	Lin, Calc Int	0.0	9.672	0.00000	1.000000	
Pb 220.353	1	Lin, Calc Int	0.0	2.233	0.00000	1.000000	
Sb 206.836	1	Lin, Calc Int	0.0	1.549	0.00000	1.000000	
Se 196.026	1	Lin, Calc Int	-0.0	0.6356	0.00000	1.000000	
V 311.071	1	Lin, Calc Int	0.0	255.0	0.00000	1.000000	
Sn 189.927	1	Lin, Calc Int	0.0	2.053	0.00000	1.000000	
Sr 421.552	1	Lin, Calc Int	0.0	737.9	0.00000	1.000000	
Tl 190.801	1	Lin, Calc Int	0.0	1.425	0.00000	1.000000	
Zn 206.200	1	Lin, Calc Int	0.0	11.40	0.00000	1.000000	

Ti 334.940	1	Lin, Calc Int	0.0	835.2	0.00000	1.000000
B 249.772	1	Lin, Calc Int	0.0	43.74	0.00000	1.000000
Cu 324.752	1	Lin, Calc Int	0.0	308.0	0.00000	1.000000
S 181.975	1	Lin, Calc Int	0.0	0.2353	0.00000	1.000000
Zr 343.823	1	Lin, Calc Int	0.0	356.5	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 5/6/2010 11:21:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	939745.9	0.920	mg/L	0.0002				0.02%
Y (radial)	90348.4	1.007	mg/L	0.0090				0.89%
Ag 328.068†	51752.2	292.4	ug/L	0.91	292.4	ug/L	0.91	0.31%
QC value within limits for Ag 328.068 Recovery = 97.47%								
Al 396.153†	45958.3	5095	ug/L	0.8	5095	ug/L	0.8	0.02%
QC value within limits for Al 396.153 Recovery = 96.13%								
As 188.979†	376.8	307.3	ug/L	0.68	307.3	ug/L	0.68	0.22%
QC value within limits for As 188.979 Recovery = 102.44%								
Ba 233.527†	21834.0	305.5	ug/L	3.08	305.5	ug/L	3.08	1.01%
QC value within limits for Ba 233.527 Recovery = 101.85%								
Be 313.107†	583552.0	308.5	ug/L	0.33	308.5	ug/L	0.33	0.11%
QC value within limits for Be 313.107 Recovery = 102.84%								
Ca 317.933†	159299.2	17840	ug/L	57.7	17840	ug/L	57.7	0.32%
QC value within limits for Ca 317.933 Recovery = 95.14%								
Cd 214.440†	14260.2	305.5	ug/L	2.17	305.5	ug/L	2.17	0.71%
QC value within limits for Cd 214.440 Recovery = 101.82%								
Co 228.616†	6408.4	326.8	ug/L	0.08	326.8	ug/L	0.08	0.02%
QC value within limits for Co 228.616 Recovery = 108.95%								
Cr 267.716†	12717.4	310.5	ug/L	2.03	310.5	ug/L	2.03	0.66%
QC value within limits for Cr 267.716 Recovery = 103.50%								
Fe 238.204†	13389.4	4996	ug/L	2.4	4996	ug/L	2.4	0.05%
QC value within limits for Fe 238.204 Recovery = 99.91%								
K 766.490†	358586.2	38660	ug/L	167.1	38660	ug/L	167.1	0.43%
QC value within limits for K 766.490 Recovery = 96.66%								
Mg 285.213†	194307.7	18150	ug/L	27.2	18150	ug/L	27.2	0.15%
QC value within limits for Mg 285.213 Recovery = 96.78%								
Mn 257.610†	155970.0	302.9	ug/L	0.98	302.9	ug/L	0.98	0.32%
QC value within limits for Mn 257.610 Recovery = 100.96%								
Mo 202.031†	2407.4	513.1	ug/L	3.97	513.1	ug/L	3.97	0.77%
QC value within limits for Mo 202.031 Recovery = 102.62%								
Na 589.592†	443765.1	38370	ug/L	53.4	38370	ug/L	53.4	0.14%
QC value within limits for Na 589.592 Recovery = 95.93%								
Ni 231.604†	3149.8	326.0	ug/L	0.96	326.0	ug/L	0.96	0.29%
QC value within limits for Ni 231.604 Recovery = 108.66%								
Pb 220.353†	685.6	308.6	ug/L	0.85	308.6	ug/L	0.85	0.28%
QC value within limits for Pb 220.353 Recovery = 102.87%								
Sb 206.836†	454.2	294.0	ug/L	2.76	294.0	ug/L	2.76	0.94%
QC value within limits for Sb 206.836 Recovery = 98.01%								
Se 196.026†	178.2	283.9	ug/L	1.48	283.9	ug/L	1.48	0.52%
QC value within limits for Se 196.026 Recovery = 94.62%								
V 311.071†	77267.1	296.5	ug/L	0.60	296.5	ug/L	0.60	0.20%
QC value within limits for V 311.071 Recovery = 98.82%								
Sn 189.927†	1062.5	520.2	ug/L	7.72	520.2	ug/L	7.72	1.48%
QC value within limits for Sn 189.927 Recovery = 104.05%								
Sr 421.552†	369113.4	500.2	ug/L	0.35	500.2	ug/L	0.35	0.07%
QC value within limits for Sr 421.552 Recovery = 100.04%								
Tl 190.801†	450.4	322.2	ug/L	2.86	322.2	ug/L	2.86	0.89%
QC value within limits for Tl 190.801 Recovery = 107.41%								
Zn 206.200†	3598.8	318.2	ug/L	2.50	318.2	ug/L	2.50	0.79%
QC value within limits for Zn 206.200 Recovery = 106.07%								
Ti 334.940†	430653.8	515.7	ug/L	1.35	515.7	ug/L	1.35	0.26%
QC value within limits for Ti 334.940 Recovery = 103.13%								
B 249.772†	22274.0	487.5	ug/L	2.15	487.5	ug/L	2.15	0.44%
QC value within limits for B 249.772 Recovery = 97.49%								
Cu 324.752†	96524.5	314.1	ug/L	0.29	314.1	ug/L	0.29	0.09%
QC value within limits for Cu 324.752 Recovery = 104.71%								
S 181.975†	2311.1	10000	ug/L	67.2	10000	ug/L	67.2	0.67%
QC value within limits for S 181.975 Recovery = 100.00%								
Zr 343.823†	108130.6	303.1	ug/L	0.89	303.1	ug/L	0.89	0.29%
QC value within limits for Zr 343.823 Recovery = 101.02%								

All analyte(s) passed QC.

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 11:25:25 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	999436.9	0.979	mg/L	0.0050				0.52%
Y (radial)	90548.8	1.009	mg/L	0.0057				0.57%
Ag 328.068†	-23.1	-0.131	ug/L	0.0952	-0.131	ug/L	0.0952	72.90%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	33.2	3.694	ug/L	1.8145	3.694	ug/L	1.8145	49.12%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	4.6	3.770	ug/L	0.8624	3.770	ug/L	0.8624	22.87%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	2.4	0.034	ug/L	0.1494	0.034	ug/L	0.1494	444.32%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	40.4	0.021	ug/L	0.0248	0.021	ug/L	0.0248	116.47%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-24.5	-2.748	ug/L	2.4254	-2.748	ug/L	2.4254	88.25%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	15.5	0.332	ug/L	0.2923	0.332	ug/L	0.2923	88.02%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-4.0	-0.203	ug/L	0.6510	-0.203	ug/L	0.6510	321.05%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	19.0	0.463	ug/L	0.2570	0.463	ug/L	0.2570	55.53%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-7.3	-2.717	ug/L	1.1437	-2.717	ug/L	1.1437	42.09%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	77.6	8.368	ug/L	0.7456	8.368	ug/L	0.7456	8.91%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	2.3	0.215	ug/L	1.0070	0.215	ug/L	1.0070	468.55%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	0.1	0.000	ug/L	0.0114	0.000	ug/L	0.0114	>999.9%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.1	0.020	ug/L	0.0202	0.020	ug/L	0.0202	100.43%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	66.3	5.736	ug/L	0.8774	5.736	ug/L	0.8774	15.30%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	7.4	0.763	ug/L	0.1856	0.763	ug/L	0.1856	24.32%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-6.8	-3.051	ug/L	0.0034	-3.051	ug/L	0.0034	0.11%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	8.5	5.498	ug/L	4.7159	5.498	ug/L	4.7159	85.78%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-5.3	-8.401	ug/L	4.0654	-8.401	ug/L	4.0654	48.39%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-31.0	-0.122	ug/L	0.2167	-0.122	ug/L	0.2167	177.51%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	4.5	2.200	ug/L	1.3394	2.200	ug/L	1.3394	60.87%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-19.7	-0.027	ug/L	0.0784	-0.027	ug/L	0.0784	293.90%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	0.7	0.497	ug/L	2.2269	0.497	ug/L	2.2269	448.11%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	1.2	0.110	ug/L	0.7364	0.110	ug/L	0.7364	672.26%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	28.0	0.034	ug/L	0.0369	0.034	ug/L	0.0369	110.13%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	301.6	6.906	ug/L	0.2635	6.906	ug/L	0.2635	3.82%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-83.1	-0.270	ug/L	0.4716	-0.270	ug/L	0.4716	174.59%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-0.2	-0.967	ug/L	4.1442	-0.967	ug/L	4.1442	428.62%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	79.0	0.222	ug/L	0.0115	0.222	ug/L	0.0115	5.20%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 5/6/2010 11:28:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	953492.4	0.934	mg/L	0.0044				0.47%
Y (radial)	87092.3	0.971	mg/L	0.0065				0.67%
Ag 328.068†	1729.2	9.779	ug/L	0.2354	9.779	ug/L	0.2354	2.41%
QC value within limits for Ag 328.068 Recovery = 97.79%								
Al 396.153†	4723.1	524.5	ug/L	0.52	524.5	ug/L	0.52	0.10%
QC value within limits for Al 396.153 Recovery = 104.90%								
As 188.979†	29.1	23.67	ug/L	2.215	23.67	ug/L	2.215	9.36%
QC value within limits for As 188.979 Recovery = 78.89%								
Ba 233.527†	725.5	10.15	ug/L	0.026	10.15	ug/L	0.026	0.25%
QC value within limits for Ba 233.527 Recovery = 101.54%								
Be 313.107†	18194.1	9.674	ug/L	0.0087	9.674	ug/L	0.0087	0.09%
QC value within limits for Be 313.107 Recovery = 96.74%								
Ca 317.933†	9393.6	1052	ug/L	10.1	1052	ug/L	10.1	0.96%
QC value within limits for Ca 317.933 Recovery = 105.20%								
Cd 214.440†	487.1	10.43	ug/L	0.108	10.43	ug/L	0.108	1.03%
QC value within limits for Cd 214.440 Recovery = 104.32%								
Co 228.616†	189.2	9.630	ug/L	1.2353	9.630	ug/L	1.2353	12.83%
QC value within limits for Co 228.616 Recovery = 96.30%								
Cr 267.716†	424.2	10.36	ug/L	0.230	10.36	ug/L	0.230	2.22%
QC value within limits for Cr 267.716 Recovery = 103.61%								
Fe 238.204†	683.8	255.0	ug/L	3.32	255.0	ug/L	3.32	1.30%
QC value within limits for Fe 238.204 Recovery = 102.00%								
K 766.490†	7251.6	781.9	ug/L	4.16	781.9	ug/L	4.16	0.53%
QC value within limits for K 766.490 Recovery = 78.19%								
Mg 285.213†	11058.5	1033	ug/L	11.9	1033	ug/L	11.9	1.15%
QC value within limits for Mg 285.213 Recovery = 103.28%								
Mn 257.610†	5315.3	10.30	ug/L	0.103	10.30	ug/L	0.103	1.00%
QC value within limits for Mn 257.610 Recovery = 103.03%								
Mo 202.031†	138.9	29.61	ug/L	0.710	29.61	ug/L	0.710	2.40%
QC value within limits for Mo 202.031 Recovery = 98.71%								
Na 589.592†	10755.8	930.1	ug/L	11.07	930.1	ug/L	11.07	1.19%
QC value within limits for Na 589.592 Recovery = 93.01%								
Ni 231.604†	97.4	10.08	ug/L	0.247	10.08	ug/L	0.247	2.45%
QC value within limits for Ni 231.604 Recovery = 100.80%								
Pb 220.353†	67.6	30.41	ug/L	4.056	30.41	ug/L	4.056	13.34%
QC value within limits for Pb 220.353 Recovery = 101.35%								
Sb 206.836†	43.4	28.17	ug/L	3.130	28.17	ug/L	3.130	11.11%
QC value within limits for Sb 206.836 Recovery = 93.89%								
Se 196.026†	49.0	77.30	ug/L	17.620	77.30	ug/L	17.620	22.80%
QC value within limits for Se 196.026 Recovery = 103.06%								
V 311.071†	2904.0	11.01	ug/L	0.078	11.01	ug/L	0.078	0.71%
QC value within limits for V 311.071 Recovery = 110.14%								
Sn 189.927†	64.4	31.50	ug/L	5.019	31.50	ug/L	5.019	15.93%
QC value within limits for Sn 189.927 Recovery = 105.02%								
Sr 421.552†	7826.5	10.61	ug/L	0.053	10.61	ug/L	0.053	0.50%
QC value within limits for Sr 421.552 Recovery = 106.06%								
Tl 190.801†	39.4	28.05	ug/L	8.089	28.05	ug/L	8.089	28.84%
QC value within limits for Tl 190.801 Recovery = 93.48%								
Zn 206.200†	354.2	31.15	ug/L	0.537	31.15	ug/L	0.537	1.72%
QC value within limits for Zn 206.200 Recovery = 103.82%								
Ti 334.940†	24638.3	29.50	ug/L	0.002	29.50	ug/L	0.002	0.01%
QC value within limits for Ti 334.940 Recovery = 98.34%								
B 249.772†	2316.9	51.85	ug/L	0.830	51.85	ug/L	0.830	1.60%
QC value within limits for B 249.772 Recovery = 103.71%								
Cu 324.752†	3143.9	10.25	ug/L	0.089	10.25	ug/L	0.089	0.87%
QC value within limits for Cu 324.752 Recovery = 102.45%								
S 181.975†	229.7	986.3	ug/L	12.88	986.3	ug/L	12.88	1.31%
QC value within limits for S 181.975 Recovery = 98.63%								
Zr 343.823†	10267.4	28.79	ug/L	0.140	28.79	ug/L	0.140	0.49%
QC value within limits for Zr 343.823 Recovery = 95.96%								

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 5/6/2010 11:31:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	836488.9	0.819	mg/L	0.0087				1.06%
Y (radial)	86291.1	0.962	mg/L	0.0009				0.09%
Ag 328.068†	-2330.8	-1.817	ug/L	0.2241	-1.817	ug/L	0.2241	12.34%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	4569609.6	508500	ug/L	4410.9	508500	ug/L	4410.9	0.87%
QC value within limits for Al 396.153 Recovery = 101.71%								
As 188.979†	14.9	1.224	ug/L	29.2090	1.224	ug/L	29.2090	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	379.5	1.966	ug/L	0.5245	1.966	ug/L	0.5245	26.68%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-790.7	-0.455	ug/L	0.0056	-0.455	ug/L	0.0056	1.23%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	4224507.0	473100	ug/L	1252.5	473100	ug/L	1252.5	0.26%
QC value within limits for Ca 317.933 Recovery = 94.62%								
Cd 214.440†	148.2	-2.429	ug/L	0.3950	-2.429	ug/L	0.3950	16.26%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	64.6	-2.249	ug/L	0.9661	-2.249	ug/L	0.9661	42.95%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-185.8	-0.504	ug/L	0.0792	-0.504	ug/L	0.0792	15.71%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	480142.0	179000	ug/L	405.2	179000	ug/L	405.2	0.23%
QC value within limits for Fe 238.204 Recovery = 89.48%								
K 766.490†	799.7	86.23	ug/L	4.167	86.23	ug/L	4.167	4.83%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	4811982.5	449500	ug/L	3204.2	449500	ug/L	3204.2	0.71%
QC value within limits for Mg 285.213 Recovery = 89.89%								
Mn 257.610†	-241.3	-20.53	ug/L	0.096	-20.53	ug/L	0.096	0.47%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-21.0	2.527	ug/L	1.4237	2.527	ug/L	1.4237	56.35%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	644.2	55.71	ug/L	13.564	55.71	ug/L	13.564	24.35%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-1.9	-0.192	ug/L	0.0758	-0.192	ug/L	0.0758	39.52%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-64.8	2.395	ug/L	10.2105	2.395	ug/L	10.2105	426.27%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-13.5	-8.666	ug/L	1.6004	-8.666	ug/L	1.6004	18.47%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-131.0	-48.54	ug/L	12.281	-48.54	ug/L	12.281	25.30%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	3400.7	2.252	ug/L	0.4001	2.252	ug/L	0.4001	17.77%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-40.3	-19.67	ug/L	3.547	-19.67	ug/L	3.547	18.03%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	3741.4	5.070	ug/L	0.0424	5.070	ug/L	0.0424	0.84%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-59.6	-33.19	ug/L	7.801	-33.19	ug/L	7.801	23.51%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	146.0	12.77	ug/L	0.190	12.77	ug/L	0.190	1.49%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-8055.0	-9.645	ug/L	0.1474	-9.645	ug/L	0.1474	1.53%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	33881.8	-5.051	ug/L	2.7181	-5.051	ug/L	2.7181	53.81%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-6913.6	5.064	ug/L	0.1475	5.064	ug/L	0.1475	2.91%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-906.1	614.1	ug/L	88.79	614.1	ug/L	88.79	14.46%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	2054.3	-4.154	ug/L	0.2047	-4.154	ug/L	0.2047	4.93%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 5/6/2010 11:35:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	832107.8	0.815	mg/L	0.0053				0.65%
Y (radial)	82415.8	0.919	mg/L	0.0049				0.54%
Ag 328.068†	17575.9	111.9	ug/L	0.16	111.9	ug/L	0.16	0.15%
QC value within limits for Ag 328.068 Recovery = 111.90%								
Al 396.153†	4710107.3	524200	ug/L	8303.6	524200	ug/L	8303.6	1.58%
QC value within limits for Al 396.153 Recovery = 104.83%								
As 188.979†	613.5	490.2	ug/L	13.98	490.2	ug/L	13.98	2.85%
QC value within limits for As 188.979 Recovery = 98.05%								
Ba 233.527†	35313.2	490.8	ug/L	2.30	490.8	ug/L	2.30	0.47%
QC value within limits for Ba 233.527 Recovery = 98.17%								
Be 313.107†	924082.1	487.3	ug/L	1.63	487.3	ug/L	1.63	0.33%
QC value within limits for Be 313.107 Recovery = 97.46%								
Ca 317.933†	4366577.1	489000	ug/L	5113.1	489000	ug/L	5113.1	1.05%
QC value within limits for Ca 317.933 Recovery = 97.80%								
Cd 214.440†	21741.6	460.1	ug/L	3.57	460.1	ug/L	3.57	0.78%
QC value within limits for Cd 214.440 Recovery = 92.03%								
Co 228.616†	9331.4	470.6	ug/L	2.31	470.6	ug/L	2.31	0.49%
QC value within limits for Co 228.616 Recovery = 94.12%								
Cr 267.716†	19612.7	482.9	ug/L	2.65	482.9	ug/L	2.65	0.55%
QC value within limits for Cr 267.716 Recovery = 96.58%								
Fe 238.204†	499023.8	186000	ug/L	1989.2	186000	ug/L	1989.2	1.07%
QC value within limits for Fe 238.204 Recovery = 93.01%								
K 766.490†	761.1	82.07	ug/L	11.061	82.07	ug/L	11.061	13.48%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	4962203.6	463500	ug/L	6345.5	463500	ug/L	6345.5	1.37%
QC value within limits for Mg 285.213 Recovery = 92.70%								
Mn 257.610†	247177.9	460.6	ug/L	0.64	460.6	ug/L	0.64	0.14%
QC value within limits for Mn 257.610 Recovery = 92.12%								
Mo 202.031†	2318.7	501.3	ug/L	3.05	501.3	ug/L	3.05	0.61%
QC value within limits for Mo 202.031 Recovery = 100.26%								
Na 589.592†	814.1	70.40	ug/L	5.731	70.40	ug/L	5.731	8.14%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	4401.8	455.6	ug/L	1.03	455.6	ug/L	1.03	0.23%
QC value within limits for Ni 231.604 Recovery = 91.11%								
Pb 220.353†	990.2	477.2	ug/L	10.97	477.2	ug/L	10.97	2.30%
QC value within limits for Pb 220.353 Recovery = 95.44%								
Sb 206.836†	793.3	510.7	ug/L	1.67	510.7	ug/L	1.67	0.33%
QC value within limits for Sb 206.836 Recovery = 102.13%								
Se 196.026†	525.6	990.3	ug/L	20.91	990.3	ug/L	20.91	2.11%
QC value within limits for Se 196.026 Recovery = 99.03%								
V 311.071†	128224.3	485.2	ug/L	0.65	485.2	ug/L	0.65	0.13%
QC value within limits for V 311.071 Recovery = 97.03%								
Sn 189.927†	962.7	471.6	ug/L	2.67	471.6	ug/L	2.67	0.57%
QC value within limits for Sn 189.927 Recovery = 94.31%								
Sr 421.552†	376927.9	510.8	ug/L	3.78	510.8	ug/L	3.78	0.74%
QC value within limits for Sr 421.552 Recovery = 102.16%								
Tl 190.801†	613.0	444.6	ug/L	5.54	444.6	ug/L	5.54	1.25%
QC value within limits for Tl 190.801 Recovery = 88.92%								
Zn 206.200†	5172.1	457.6	ug/L	2.30	457.6	ug/L	2.30	0.50%
QC value within limits for Zn 206.200 Recovery = 91.52%								
Ti 334.940†	427693.6	512.1	ug/L	0.21	512.1	ug/L	0.21	0.04%
QC value within limits for Ti 334.940 Recovery = 102.42%								
B 249.772†	57333.9	500.4	ug/L	13.23	500.4	ug/L	13.23	2.64%
QC value within limits for B 249.772 Recovery = 100.08%								
Cu 324.752†	176169.8	600.5	ug/L	4.40	600.5	ug/L	4.40	0.73%
QC value greater than the upper limit for Cu 324.752 Recovery = 120.10%								
S 181.975†	-916.2	710.3	ug/L	36.67	710.3	ug/L	36.67	5.16%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	185560.2	510.2	ug/L	0.29	510.2	ug/L	0.29	0.06%
QC value within limits for Zr 343.823 Recovery = 102.05%								

QC Failed. Continue with analysis.

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 11:39:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	945194.2	0.926	mg/L	0.0031				0.33%
Y (radial)	90258.3	1.006	mg/L	0.0069				0.68%
Ag 328.068†	51701.8	292.1	ug/L	1.01	292.1	ug/L	1.01	0.35%
QC value within limits for Ag 328.068 Recovery = 97.38%								
Al 396.153†	45839.3	5082	ug/L	14.3	5082	ug/L	14.3	0.28%
QC value within limits for Al 396.153 Recovery = 95.88%								
As 188.979†	359.9	293.6	ug/L	0.16	293.6	ug/L	0.16	0.06%
QC value within limits for As 188.979 Recovery = 97.86%								
Ba 233.527†	21712.9	303.8	ug/L	1.37	303.8	ug/L	1.37	0.45%
QC value within limits for Ba 233.527 Recovery = 101.28%								
Be 313.107†	580292.9	306.8	ug/L	1.05	306.8	ug/L	1.05	0.34%
QC value within limits for Be 313.107 Recovery = 102.27%								
Ca 317.933†	159400.6	17850	ug/L	110.3	17850	ug/L	110.3	0.62%
QC value within limits for Ca 317.933 Recovery = 95.20%								
Cd 214.440†	14120.8	302.5	ug/L	0.86	302.5	ug/L	0.86	0.29%
QC value within limits for Cd 214.440 Recovery = 100.83%								
Co 228.616†	6367.6	324.8	ug/L	0.98	324.8	ug/L	0.98	0.30%
QC value within limits for Co 228.616 Recovery = 108.25%								
Cr 267.716†	12668.0	309.3	ug/L	0.77	309.3	ug/L	0.77	0.25%
QC value within limits for Cr 267.716 Recovery = 103.10%								
Fe 238.204†	13558.6	5059	ug/L	7.7	5059	ug/L	7.7	0.15%
QC value within limits for Fe 238.204 Recovery = 101.17%								
K 766.490†	357610.3	38560	ug/L	743.0	38560	ug/L	743.0	1.93%
QC value within limits for K 766.490 Recovery = 96.40%								
Mg 285.213†	194804.6	18190	ug/L	6.1	18190	ug/L	6.1	0.03%
QC value within limits for Mg 285.213 Recovery = 97.03%								
Mn 257.610†	155705.2	302.4	ug/L	1.16	302.4	ug/L	1.16	0.38%
QC value within limits for Mn 257.610 Recovery = 100.79%								
Mo 202.031†	2385.1	508.4	ug/L	2.34	508.4	ug/L	2.34	0.46%
QC value within limits for Mo 202.031 Recovery = 101.67%								
Na 589.592†	446932.9	38650	ug/L	750.3	38650	ug/L	750.3	1.94%
QC value within limits for Na 589.592 Recovery = 96.62%								
Ni 231.604†	3130.5	324.0	ug/L	0.36	324.0	ug/L	0.36	0.11%
QC value within limits for Ni 231.604 Recovery = 107.99%								
Pb 220.353†	685.9	308.7	ug/L	6.18	308.7	ug/L	6.18	2.00%
QC value within limits for Pb 220.353 Recovery = 102.90%								
Sb 206.836†	449.2	290.8	ug/L	2.98	290.8	ug/L	2.98	1.02%
QC value within limits for Sb 206.836 Recovery = 96.93%								
Se 196.026†	184.9	294.4	ug/L	5.78	294.4	ug/L	5.78	1.96%
QC value within limits for Se 196.026 Recovery = 98.13%								
V 311.071†	77074.1	295.7	ug/L	0.08	295.7	ug/L	0.08	0.03%
QC value within limits for V 311.071 Recovery = 98.57%								
Sn 189.927†	1062.5	520.2	ug/L	7.57	520.2	ug/L	7.57	1.46%
QC value within limits for Sn 189.927 Recovery = 104.04%								
Sr 421.552†	371305.3	503.2	ug/L	9.09	503.2	ug/L	9.09	1.81%
QC value within limits for Sr 421.552 Recovery = 100.64%								
Tl 190.801†	441.3	315.8	ug/L	1.15	315.8	ug/L	1.15	0.36%
QC value within limits for Tl 190.801 Recovery = 105.27%								
Zn 206.200†	3577.8	316.4	ug/L	1.33	316.4	ug/L	1.33	0.42%
QC value within limits for Zn 206.200 Recovery = 105.45%								
Ti 334.940†	429744.7	514.6	ug/L	0.69	514.6	ug/L	0.69	0.13%
QC value within limits for Ti 334.940 Recovery = 102.91%								
B 249.772†	21916.4	479.0	ug/L	0.30	479.0	ug/L	0.30	0.06%
QC value within limits for B 249.772 Recovery = 95.80%								
Cu 324.752†	96748.7	314.9	ug/L	1.85	314.9	ug/L	1.85	0.59%
QC value within limits for Cu 324.752 Recovery = 104.95%								
S 181.975†	2278.8	9863	ug/L	89.9	9863	ug/L	89.9	0.91%
QC value within limits for S 181.975 Recovery = 98.63%								
Zr 343.823†	108209.3	303.3	ug/L	0.21	303.3	ug/L	0.21	0.07%
QC value within limits for Zr 343.823 Recovery = 101.09%								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 11:42:45 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1009282.0	0.989	mg/L	0.0125				1.26%
Y (radial)	89795.8	1.001	mg/L	0.0112				1.12%
Ag 328.068†	-9.2	-0.052	ug/L	0.1086	-0.052	ug/L	0.1086	208.40%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	93.6	10.41	ug/L	1.599	10.41	ug/L	1.599	15.36%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-0.3	-0.203	ug/L	0.4545	-0.203	ug/L	0.4545	223.65%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	3.8	0.052	ug/L	0.0289	0.052	ug/L	0.0289	56.09%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-124.9	-0.066	ug/L	0.0078	-0.066	ug/L	0.0078	11.87%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-20.4	-2.285	ug/L	0.1942	-2.285	ug/L	0.1942	8.50%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	7.1	0.152	ug/L	0.0465	0.152	ug/L	0.0465	30.56%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	3.5	0.181	ug/L	0.1936	0.181	ug/L	0.1936	106.86%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	3.9	0.095	ug/L	0.0116	0.095	ug/L	0.0116	12.21%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	24.6	9.157	ug/L	2.0550	9.157	ug/L	2.0550	22.44%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	16.7	1.802	ug/L	7.4827	1.802	ug/L	7.4827	415.26%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	9.6	0.905	ug/L	0.0079	0.905	ug/L	0.0079	0.88%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-13.6	-0.026	ug/L	0.0237	-0.026	ug/L	0.0237	89.65%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.0	0.003	ug/L	0.5128	0.003	ug/L	0.5128	>999.9%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	65.9	5.701	ug/L	4.5255	5.701	ug/L	4.5255	79.39%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	6.8	0.698	ug/L	0.0251	0.698	ug/L	0.0251	3.60%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-1.3	-0.575	ug/L	1.9822	-0.575	ug/L	1.9822	344.56%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	9.7	6.273	ug/L	1.9867	6.273	ug/L	1.9867	31.67%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.4	3.813	ug/L	11.3328	3.813	ug/L	11.3328	297.21%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-75.2	-0.295	ug/L	0.4595	-0.295	ug/L	0.4595	155.77%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	9.4	4.570	ug/L	1.2280	4.570	ug/L	1.2280	26.87%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-40.2	-0.054	ug/L	0.0463	-0.054	ug/L	0.0463	85.09%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	7.6	5.355	ug/L	1.1884	5.355	ug/L	1.1884	22.19%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	3.2	0.285	ug/L	0.2226	0.285	ug/L	0.2226	78.05%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-15.6	-0.019	ug/L	0.0038	-0.019	ug/L	0.0038	20.38%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	190.6	4.318	ug/L	0.6197	4.318	ug/L	0.6197	14.35%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	53.3	0.174	ug/L	0.2037	0.174	ug/L	0.2037	116.74%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-0.6	-2.715	ug/L	20.8264	-2.715	ug/L	20.8264	766.95%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	55.5	0.155	ug/L	0.0907	0.155	ug/L	0.0907	58.38%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: mb 220-38165/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 5/6/2010 11:45:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-38165/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	974337.2	0.954	mg/L	0.0070				0.73%
Y (radial)	86904.2	0.969	mg/L	0.0040				0.41%
Ag 328.068†	74.2	0.420	ug/L	0.1438	0.420	ug/L	0.1438	34.26%
Al 396.153†	165.6	18.44	ug/L	9.736	18.44	ug/L	9.736	52.80%
As 188.979†	2.4	1.990	ug/L	4.5256	1.990	ug/L	4.5256	227.44%
Ba 233.527†	6.5	0.093	ug/L	0.0769	0.093	ug/L	0.0769	83.03%
Be 313.107†	-141.5	-0.074	ug/L	0.0473	-0.074	ug/L	0.0473	63.65%
Ca 317.933†	172.6	19.33	ug/L	1.198	19.33	ug/L	1.198	6.19%
Cd 214.440†	21.1	0.451	ug/L	0.1787	0.451	ug/L	0.1787	39.58%
Co 228.616†	1.4	0.070	ug/L	0.1104	0.070	ug/L	0.1104	158.25%
Cr 267.716†	-2.6	-0.063	ug/L	0.2355	-0.063	ug/L	0.2355	374.38%
Fe 238.204†	7.4	2.775	ug/L	3.2391	2.775	ug/L	3.2391	116.74%
K 766.490†	180.8	19.49	ug/L	9.825	19.49	ug/L	9.825	50.40%
Mg 285.213†	27.4	2.560	ug/L	1.2172	2.560	ug/L	1.2172	47.55%
Mn 257.610†	60.3	0.117	ug/L	0.0164	0.117	ug/L	0.0164	14.03%
Mo 202.031†	-1.3	-0.284	ug/L	0.1158	-0.284	ug/L	0.1158	40.84%
Na 589.592†	553.1	47.83	ug/L	5.871	47.83	ug/L	5.871	12.28%
Ni 231.604†	6.7	0.693	ug/L	1.6125	0.693	ug/L	1.6125	232.83%
Pb 220.353†	-2.3	-1.014	ug/L	1.4838	-1.014	ug/L	1.4838	146.26%
Sb 206.836†	6.1	3.968	ug/L	7.4907	3.968	ug/L	7.4907	188.77%
Se 196.026†	-1.9	-2.996	ug/L	2.5990	-2.996	ug/L	2.5990	86.76%
V 311.071†	220.0	0.862	ug/L	0.1490	0.862	ug/L	0.1490	17.28%
Sn 189.927†	17.4	8.483	ug/L	4.7631	8.483	ug/L	4.7631	56.15%
Sr 421.552†	30.5	0.041	ug/L	0.0750	0.041	ug/L	0.0750	181.33%
Tl 190.801†	2.9	2.043	ug/L	3.5113	2.043	ug/L	3.5113	171.88%
Zn 206.200†	4.5	0.396	ug/L	0.7633	0.396	ug/L	0.7633	192.96%
Ti 334.940†	17.5	0.021	ug/L	0.0110	0.021	ug/L	0.0110	52.30%
B 249.772†	289.4	6.603	ug/L	0.0112	6.603	ug/L	0.0112	0.17%
Cu 324.752†	204.7	0.665	ug/L	0.0053	0.665	ug/L	0.0053	0.79%
S 181.975†	6.2	26.35	ug/L	12.789	26.35	ug/L	12.789	48.54%
Zr 343.823†	181.8	0.510	ug/L	0.0080	0.510	ug/L	0.0080	1.56%

Sequence No.: 11
Sample ID: lcs 220-38165/2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 5/6/2010 11:49:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lcs 220-38165/2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	938453.2	0.919	mg/L	0.0058				0.63%
Y (radial)	87823.4	0.979	mg/L	0.0040				0.41%
Ag 328.068†	56652.6	321.3	ug/L	0.26	321.3	ug/L	0.26	0.08%
Al 396.153†	52670.4	5821	ug/L	9.9	5821	ug/L	9.9	0.17%
As 188.979†	1321.0	1077	ug/L	15.8	1077	ug/L	15.8	1.46%
Ba 233.527†	23144.2	323.5	ug/L	0.12	323.5	ug/L	0.12	0.04%
Be 313.107†	201474.0	110.0	ug/L	0.18	110.0	ug/L	0.18	0.17%
Ca 317.933†	265035.8	29680	ug/L	20.6	29680	ug/L	20.6	0.07%
Cd 214.440†	14916.5	318.9	ug/L	3.19	318.9	ug/L	3.19	1.00%
Co 228.616†	6719.1	341.6	ug/L	3.06	341.6	ug/L	3.06	0.90%
Cr 267.716†	13332.5	326.0	ug/L	2.64	326.0	ug/L	2.64	0.81%
Fe 238.204†	65792.6	24530	ug/L	33.1	24530	ug/L	33.1	0.14%
K 766.490†	187988.9	20270	ug/L	66.1	20270	ug/L	66.1	0.33%
Mg 285.213†	162471.9	15190	ug/L	27.1	15190	ug/L	27.1	0.18%
Mn 257.610†	109819.5	213.2	ug/L	0.13	213.2	ug/L	0.13	0.06%
Mo 202.031†	4914.1	1048	ug/L	14.6	1048	ug/L	14.6	1.39%
Na 589.592†	355799.9	30770	ug/L	50.8	30770	ug/L	50.8	0.17%
Ni 231.604†	3291.6	340.6	ug/L	2.64	340.6	ug/L	2.64	0.77%
Pb 220.353†	2463.5	1104	ug/L	3.9	1104	ug/L	3.9	0.35%
Sb 206.836†	1562.2	1014	ug/L	15.4	1014	ug/L	15.4	1.52%
Se 196.026†	310.8	504.5	ug/L	18.46	504.5	ug/L	18.46	3.66%
V 311.071†	85013.8	320.4	ug/L	0.60	320.4	ug/L	0.60	0.19%
Sn 189.927†	2149.9	1053	ug/L	11.6	1053	ug/L	11.6	1.10%
Sr 421.552†	339.3	0.460	ug/L	0.0130	0.460	ug/L	0.0130	2.82%
Tl 190.801†	1515.3	1078	ug/L	11.8	1078	ug/L	11.8	1.09%
Zn 206.200†	3623.6	320.5	ug/L	4.05	320.5	ug/L	4.05	1.26%
Ti 334.940†	860875.6	1031	ug/L	0.8	1031	ug/L	0.8	0.07%
B 249.772†	47858.6	987.3	ug/L	5.72	987.3	ug/L	5.72	0.58%
Cu 324.752†	103642.6	340.2	ug/L	0.64	340.2	ug/L	0.64	0.19%
S 181.975†	-268.8	-991.5	ug/L	45.06	-991.5	ug/L	45.06	4.54%
Zr 343.823†	378142.3	1059	ug/L	0.7	1059	ug/L	0.7	0.07%

Sequence No.: 12
Sample ID: 220-12109-a-1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 5/6/2010 11:52:39 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12109-a-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	924096.5	0.905	mg/L	0.0031				0.35%
Y (radial)	88734.4	0.989	mg/L	0.0078				0.79%
Ag 328.068†	-1354.4	-0.272	ug/L	0.6100	-0.272	ug/L	0.6100	224.41%
Al 396.153†	515210.9	57340	ug/L	964.4	57340	ug/L	964.4	1.68%
As 188.979†	48.4	48.53	ug/L	11.514	48.53	ug/L	11.514	23.72%
Ba 233.527†	64861.6	904.4	ug/L	13.27	904.4	ug/L	13.27	1.47%
Be 313.107†	-19463.3	2.419	ug/L	0.2034	2.419	ug/L	0.2034	8.41%
Ca 317.933†	5867012.4	657000	ug/L	13568.3	657000	ug/L	13568.3	2.07%
Cd 214.440†	476.4	6.770	ug/L	0.4880	6.770	ug/L	0.4880	7.21%
Co 228.616†	1201.1	51.00	ug/L	0.540	51.00	ug/L	0.540	1.06%
Cr 267.716†	5364.5	133.4	ug/L	0.15	133.4	ug/L	0.15	0.12%
Fe 238.204†	294626.5	109800	ug/L	283.8	109800	ug/L	283.8	0.26%
K 766.490†	180053.0	19410	ug/L	24.2	19410	ug/L	24.2	0.12%
Mg 285.213†	479136.4	44830	ug/L	124.3	44830	ug/L	124.3	0.28%
Mn 257.610†	926320.9	1802	ug/L	3.6	1802	ug/L	3.6	0.20%
Mo 202.031†	-28.6	-1.803	ug/L	1.5657	-1.803	ug/L	1.5657	86.86%
Na 589.592†	131482.4	11370	ug/L	20.9	11370	ug/L	20.9	0.18%
Ni 231.604†	1388.0	143.6	ug/L	1.11	143.6	ug/L	1.11	0.78%
Pb 220.353†	2111.9	938.4	ug/L	1.08	938.4	ug/L	1.08	0.12%
Sb 206.836†	-6.5	-5.784	ug/L	5.5838	-5.784	ug/L	5.5838	96.53%
Se 196.026†	-60.0	-22.36	ug/L	9.905	-22.36	ug/L	9.905	44.30%
V 311.071†	45545.8	139.0	ug/L	3.18	139.0	ug/L	3.18	2.29%
Sn 189.927†	28.7	30.34	ug/L	10.723	30.34	ug/L	10.723	35.35%
Sr 421.552†	1631755.4	2211	ug/L	38.2	2211	ug/L	38.2	1.73%
Tl 190.801†	-82.6	-8.957	ug/L	5.6352	-8.957	ug/L	5.6352	62.92%
Zn 206.200†	11011.4	966.7	ug/L	1.99	966.7	ug/L	1.99	0.21%
Ti 334.940†	2577286.8	3086	ug/L	3.4	3086	ug/L	3.4	0.11%
B 249.772†	26096.4	118.2	ug/L	7.73	118.2	ug/L	7.73	6.54%
Cu 324.752†	113770.7	386.2	ug/L	5.26	386.2	ug/L	5.26	1.36%
S 181.975†	14243.6	60970	ug/L	40.7	60970	ug/L	40.7	0.07%
Zr 343.823†	35123.3	92.44	ug/L	1.343	92.44	ug/L	1.343	1.45%

Sequence No.: 13
Sample ID: 220-12109-a-2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 5/6/2010 11:56:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12109-a-2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	927341.7	0.908	mg/L	0.0019				0.21%
Y (radial)	88698.6	0.989	mg/L	0.0177				1.79%
Ag 328.068†	-1526.9	-0.707	ug/L	0.1651	-0.707	ug/L	0.1651	23.35%
Al 396.153†	593480.5	66050	ug/L	1592.3	66050	ug/L	1592.3	2.41%
As 188.979†	39.0	40.36	ug/L	2.439	40.36	ug/L	2.439	6.04%
Ba 233.527†	79955.2	1116	ug/L	7.0	1116	ug/L	7.0	0.62%
Be 313.107†	-22779.4	2.420	ug/L	0.1395	2.420	ug/L	0.1395	5.76%
Ca 317.933†	5558782.6	622500	ug/L	12774.4	622500	ug/L	12774.4	2.05%
Cd 214.440†	290.6	2.779	ug/L	0.3100	2.779	ug/L	0.3100	11.15%
Co 228.616†	1486.3	64.64	ug/L	1.257	64.64	ug/L	1.257	1.95%
Cr 267.716†	5591.0	139.2	ug/L	0.13	139.2	ug/L	0.13	0.09%
Fe 238.204†	295333.9	110100	ug/L	32.2	110100	ug/L	32.2	0.03%
K 766.490†	160780.9	17340	ug/L	14.7	17340	ug/L	14.7	0.08%
Mg 285.213†	344483.2	32260	ug/L	10.4	32260	ug/L	10.4	0.03%
Mn 257.610†	875655.8	1704	ug/L	7.5	1704	ug/L	7.5	0.44%
Mo 202.031†	57.6	16.58	ug/L	1.424	16.58	ug/L	1.424	8.59%
Na 589.592†	76733.4	6635	ug/L	33.5	6635	ug/L	33.5	0.50%
Ni 231.604†	1456.5	150.7	ug/L	1.73	150.7	ug/L	1.73	1.15%
Pb 220.353†	2841.9	1266	ug/L	10.8	1266	ug/L	10.8	0.85%
Sb 206.836†	-7.3	-5.786	ug/L	4.8811	-5.786	ug/L	4.8811	84.36%
Se 196.026†	-78.8	-50.97	ug/L	5.547	-50.97	ug/L	5.547	10.88%
V 311.071†	99802.2	346.9	ug/L	2.39	346.9	ug/L	2.39	0.69%
Sn 189.927†	-38.6	-0.155	ug/L	6.3489	-0.155	ug/L	6.3489	>999.9%
Sr 421.552†	931732.9	1263	ug/L	29.4	1263	ug/L	29.4	2.32%
Tl 190.801†	-88.2	-6.573	ug/L	6.5132	-6.573	ug/L	6.5132	99.09%
Zn 206.200†	14188.7	1245	ug/L	1.1	1245	ug/L	1.1	0.09%
Ti 334.940†	2932684.4	3512	ug/L	7.1	3512	ug/L	7.1	0.20%
B 249.772†	27180.9	141.8	ug/L	2.35	141.8	ug/L	2.35	1.66%
Cu 324.752†	75408.7	261.7	ug/L	2.91	261.7	ug/L	2.91	1.11%
S 181.975†	5842.8	25150	ug/L	39.9	25150	ug/L	39.9	0.16%
Zr 343.823†	35534.0	93.58	ug/L	1.042	93.58	ug/L	1.042	1.11%

Sequence No.: 14
Sample ID: 220-12109-a-3-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 5/6/2010 11:59:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12109-a-3-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	914008.1	0.895	mg/L	0.0097				1.08%
Y (radial)	89744.2	1.000	mg/L	0.0044				0.44%
Ag 328.068†	-1499.7	-0.105	ug/L	0.1462	-0.105	ug/L	0.1462	139.00%
Al 396.153†	790682.5	87990	ug/L	923.7	87990	ug/L	923.7	1.05%
As 188.979†	53.8	52.36	ug/L	21.609	52.36	ug/L	21.609	41.27%
Ba 233.527†	303762.8	4242	ug/L	1.2	4242	ug/L	1.2	0.03%
Be 313.107†	-28243.1	3.231	ug/L	0.0186	3.231	ug/L	0.0186	0.58%
Ca 317.933†	7658102.4	857600	ug/L	10462.5	857600	ug/L	10462.5	1.22%
Cd 214.440†	281.8	2.239	ug/L	0.4323	2.239	ug/L	0.4323	19.31%
Co 228.616†	1947.6	85.82	ug/L	1.777	85.82	ug/L	1.777	2.07%
Cr 267.716†	5357.2	133.6	ug/L	4.02	133.6	ug/L	4.02	3.01%
Fe 238.204†	325400.8	121300	ug/L	33.8	121300	ug/L	33.8	0.03%
K 766.490†	248975.1	26850	ug/L	44.3	26850	ug/L	44.3	0.17%
Mg 285.213†	432324.5	40470	ug/L	42.4	40470	ug/L	42.4	0.10%
Mn 257.610†	1133533.6	2205	ug/L	4.2	2205	ug/L	4.2	0.19%
Mo 202.031†	-33.2	-2.331	ug/L	0.9595	-2.331	ug/L	0.9595	41.17%
Na 589.592†	145838.9	12610	ug/L	25.7	12610	ug/L	25.7	0.20%
Ni 231.604†	1703.9	176.3	ug/L	4.07	176.3	ug/L	4.07	2.31%
Pb 220.353†	2472.4	1102	ug/L	15.1	1102	ug/L	15.1	1.37%
Sb 206.836†	-11.0	-8.518	ug/L	7.0419	-8.518	ug/L	7.0419	82.67%
Se 196.026†	-94.4	-66.49	ug/L	9.158	-66.49	ug/L	9.158	13.77%
V 311.071†	72949.2	230.5	ug/L	0.26	230.5	ug/L	0.26	0.11%
Sn 189.927†	-47.1	0.475	ug/L	8.0061	0.475	ug/L	8.0061	>999.9%
Sr 421.552†	1474952.8	1999	ug/L	20.8	1999	ug/L	20.8	1.04%
Tl 190.801†	-111.5	-10.00	ug/L	1.513	-10.00	ug/L	1.513	15.13%
Zn 206.200†	9419.9	827.2	ug/L	15.04	827.2	ug/L	15.04	1.82%
Ti 334.940†	3683023.2	4410	ug/L	2.7	4410	ug/L	2.7	0.06%
B 249.772†	50032.6	615.4	ug/L	1.94	615.4	ug/L	1.94	0.32%
Cu 324.752†	82200.8	285.5	ug/L	0.21	285.5	ug/L	0.21	0.07%
S 181.975†	3934.2	17120	ug/L	252.5	17120	ug/L	252.5	1.48%
Zr 343.823†	74034.9	201.0	ug/L	0.03	201.0	ug/L	0.03	0.01%

Sequence No.: 15
Sample ID: 220-12065-a-1-h
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 5/6/2010 12:03:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12065-a-1-h

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	947776.7	0.928	mg/L	0.0035				0.38%
Y (radial)	86531.4	0.965	mg/L	0.0326				3.38%
Ag 328.068†	6942.9	42.87	ug/L	0.008	42.87	ug/L	0.008	0.02%
Al 396.153†	968696.5	107800	ug/L	4237.6	107800	ug/L	4237.6	3.93%
As 188.979†	8.4	7.310	ug/L	5.2122	7.310	ug/L	5.2122	71.30%
Ba 233.527†	170673.1	2383	ug/L	21.3	2383	ug/L	21.3	0.89%
Be 313.107†	736.0	1.255	ug/L	0.0287	1.255	ug/L	0.0287	2.29%
Ca 317.933†	554289.3	62070	ug/L	221.2	62070	ug/L	221.2	0.36%
Cd 214.440†	488.4	8.665	ug/L	0.3830	8.665	ug/L	0.3830	4.42%
Co 228.616†	299.9	13.13	ug/L	0.174	13.13	ug/L	0.174	1.32%
Cr 267.716†	6255.2	153.9	ug/L	0.80	153.9	ug/L	0.80	0.52%
Fe 238.204†	154319.1	57520	ug/L	125.7	57520	ug/L	125.7	0.22%
K 766.490†	197696.1	21320	ug/L	25.5	21320	ug/L	25.5	0.12%
Mg 285.213†	202605.0	18970	ug/L	18.1	18970	ug/L	18.1	0.10%
Mn 257.610†	1943301.6	3783	ug/L	0.0	3783	ug/L	0.0	0.00%
Mo 202.031†	272.7	60.34	ug/L	1.958	60.34	ug/L	1.958	3.24%
Na 589.592†	83963.7	7261	ug/L	12.9	7261	ug/L	12.9	0.18%
Ni 231.604†	758.6	78.44	ug/L	1.240	78.44	ug/L	1.240	1.58%
Pb 220.353†	548.7	250.2	ug/L	7.43	250.2	ug/L	7.43	2.97%
Sb 206.836†	-1.8	-2.691	ug/L	2.0984	-2.691	ug/L	2.0984	77.97%
Se 196.026†	-15.5	20.88	ug/L	21.707	20.88	ug/L	21.707	103.95%
V 311.071†	16027.0	58.88	ug/L	0.933	58.88	ug/L	0.933	1.58%
Sn 189.927†	199.4	98.25	ug/L	9.507	98.25	ug/L	9.507	9.68%
Sr 421.552†	461027.8	624.8	ug/L	26.14	624.8	ug/L	26.14	4.18%
Tl 190.801†	-17.8	-6.674	ug/L	5.2603	-6.674	ug/L	5.2603	78.81%
Zn 206.200†	62590.9	5490	ug/L	53.5	5490	ug/L	53.5	0.97%
Ti 334.940†	177106.1	212.1	ug/L	3.25	212.1	ug/L	3.25	1.53%
B 249.772†	16437.7	125.2	ug/L	3.78	125.2	ug/L	3.78	3.02%
Cu 324.752†	1251367.0	4071	ug/L	8.5	4071	ug/L	8.5	0.21%
S 181.975†	12479.6	53210	ug/L	429.9	53210	ug/L	429.9	0.81%
Zr 343.823†	33041.3	89.50	ug/L	0.130	89.50	ug/L	0.130	0.15%

Sequence No.: 16
Sample ID: 220-12074-b-4-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 5/6/2010 12:07:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-4-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1022646.0	1.002	mg/L	0.0045				0.45%
Y (radial)	97078.1	1.082	mg/L	0.0038				0.35%
Ag 328.068†	-472.1	1.037	ug/L	0.1507	1.037	ug/L	0.1507	14.53%
Al 396.153†	330776.2	36810	ug/L	219.1	36810	ug/L	219.1	0.60%
As 188.979†	14.6	15.83	ug/L	7.510	15.83	ug/L	7.510	47.43%
Ba 233.527†	19760.6	275.1	ug/L	0.72	275.1	ug/L	0.72	0.26%
Be 313.107†	-4429.5	2.764	ug/L	0.0799	2.764	ug/L	0.0799	2.89%
Ca 317.933†	1281092.1	143500	ug/L	1750.3	143500	ug/L	1750.3	1.22%
Cd 214.440†	97.4	0.342	ug/L	0.1093	0.342	ug/L	0.1093	31.99%
Co 228.616†	381.3	14.95	ug/L	0.069	14.95	ug/L	0.069	0.46%
Cr 267.716†	1295.2	32.90	ug/L	0.381	32.90	ug/L	0.381	1.16%
Fe 238.204†	149577.6	55750	ug/L	34.8	55750	ug/L	34.8	0.06%
K 766.490†	27462.6	2961	ug/L	1.1	2961	ug/L	1.1	0.04%
Mg 285.213†	102071.1	9577	ug/L	15.3	9577	ug/L	15.3	0.16%
Mn 257.610†	1155383.7	2249	ug/L	3.8	2249	ug/L	3.8	0.17%
Mo 202.031†	-5.5	1.007	ug/L	2.1618	1.007	ug/L	2.1618	214.72%
Na 589.592†	3510.7	303.6	ug/L	8.81	303.6	ug/L	8.81	2.90%
Ni 231.604†	284.8	29.47	ug/L	0.060	29.47	ug/L	0.060	0.20%
Pb 220.353†	89.8	37.29	ug/L	6.423	37.29	ug/L	6.423	17.23%
Sb 206.836†	-9.9	-6.732	ug/L	2.1842	-6.732	ug/L	2.1842	32.45%
Se 196.026†	-36.2	-19.67	ug/L	11.734	-19.67	ug/L	11.734	59.65%
V 311.071†	19130.7	58.97	ug/L	0.108	58.97	ug/L	0.108	0.18%
Sn 189.927†	-5.1	4.108	ug/L	4.5799	4.108	ug/L	4.5799	111.49%
Sr 421.552†	131940.0	178.8	ug/L	0.37	178.8	ug/L	0.37	0.20%
Tl 190.801†	-42.2	-9.320	ug/L	6.5076	-9.320	ug/L	6.5076	69.82%
Zn 206.200†	1950.0	171.3	ug/L	2.00	171.3	ug/L	2.00	1.17%
Ti 334.940†	1037993.7	1243	ug/L	0.4	1243	ug/L	0.4	0.03%
B 249.772†	11056.3	9.883	ug/L	4.3672	9.883	ug/L	4.3672	44.19%
Cu 324.752†	6921.3	31.04	ug/L	0.019	31.04	ug/L	0.019	0.06%
S 181.975†	-17.3	21.33	ug/L	28.337	21.33	ug/L	28.337	132.87%
Zr 343.823†	2754.0	4.636	ug/L	0.0387	4.636	ug/L	0.0387	0.83%

Sequence No.: 17
Sample ID: 220-12074-b-5-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 5/6/2010 12:10:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-5-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1030799.9	1.010	mg/L	0.0010				0.10%
Y (radial)	97441.3	1.086	mg/L	0.0093				0.85%
Ag 328.068†	-1127.5	0.458	ug/L	0.3176	0.458	ug/L	0.3176	69.33%
Al 396.153†	751396.3	83620	ug/L	2681.6	83620	ug/L	2681.6	3.21%
As 188.979†	15.5	19.09	ug/L	5.232	19.09	ug/L	5.232	27.41%
Ba 233.527†	45489.5	633.8	ug/L	3.46	633.8	ug/L	3.46	0.55%
Be 313.107†	-1271.1	5.099	ug/L	0.0559	5.099	ug/L	0.0559	1.10%
Ca 317.933†	1709584.9	191500	ug/L	6282.6	191500	ug/L	6282.6	3.28%
Cd 214.440†	165.0	0.329	ug/L	0.6805	0.329	ug/L	0.6805	206.90%
Co 228.616†	834.9	36.31	ug/L	2.080	36.31	ug/L	2.080	5.73%
Cr 267.716†	3354.2	84.22	ug/L	0.922	84.22	ug/L	0.922	1.09%
Fe 238.204†	274738.5	102400	ug/L	605.5	102400	ug/L	605.5	0.59%
K 766.490†	100050.0	10790	ug/L	12.0	10790	ug/L	12.0	0.11%
Mg 285.213†	236115.1	22130	ug/L	1.0	22130	ug/L	1.0	0.00%
Mn 257.610†	2742645.1	5339	ug/L	9.3	5339	ug/L	9.3	0.17%
Mo 202.031†	-24.1	-1.141	ug/L	0.6443	-1.141	ug/L	0.6443	56.49%
Na 589.592†	5683.0	491.4	ug/L	8.66	491.4	ug/L	8.66	1.76%
Ni 231.604†	758.5	78.46	ug/L	1.467	78.46	ug/L	1.467	1.87%
Pb 220.353†	167.4	71.28	ug/L	1.991	71.28	ug/L	1.991	2.79%
Sb 206.836†	-14.4	-10.25	ug/L	0.344	-10.25	ug/L	0.344	3.35%
Se 196.026†	-65.8	-33.43	ug/L	14.350	-33.43	ug/L	14.350	42.93%
V 311.071†	37146.4	126.5	ug/L	1.91	126.5	ug/L	1.91	1.51%
Sn 189.927†	-26.1	-5.233	ug/L	0.9201	-5.233	ug/L	0.9201	17.58%
Sr 421.552†	193058.9	261.6	ug/L	0.29	261.6	ug/L	0.29	0.11%
Tl 190.801†	-44.9	-6.542	ug/L	0.2942	-6.542	ug/L	0.2942	4.50%
Zn 206.200†	3006.4	264.3	ug/L	0.92	264.3	ug/L	0.92	0.35%
Ti 334.940†	1175979.8	1408	ug/L	2.7	1408	ug/L	2.7	0.19%
B 249.772†	21398.5	43.09	ug/L	11.487	43.09	ug/L	11.487	26.66%
Cu 324.752†	17082.9	71.20	ug/L	0.631	71.20	ug/L	0.631	0.89%
S 181.975†	33.7	362.1	ug/L	10.14	362.1	ug/L	10.14	2.80%
Zr 343.823†	7017.2	14.01	ug/L	0.576	14.01	ug/L	0.576	4.11%

Sequence No.: 18
Sample ID: 220-12074-b-6-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 5/6/2010 12:13:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-6-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	992532.1	0.972	mg/L	0.0085				0.88%
Y (radial)	93259.9	1.040	mg/L	0.0110				1.06%
Ag 328.068†	-653.8	0.354	ug/L	0.0535	0.354	ug/L	0.0535	15.13%
Al 396.153†	393955.3	43840	ug/L	634.9	43840	ug/L	634.9	1.45%
As 188.979†	7.0	9.773	ug/L	0.8262	9.773	ug/L	0.8262	8.45%
Ba 233.527†	17127.0	238.3	ug/L	4.97	238.3	ug/L	4.97	2.09%
Be 313.107†	-4820.2	2.393	ug/L	0.0701	2.393	ug/L	0.0701	2.93%
Ca 317.933†	624888.2	69980	ug/L	26.2	69980	ug/L	26.2	0.04%
Cd 214.440†	100.2	0.239	ug/L	0.0764	0.239	ug/L	0.0764	31.94%
Co 228.616†	296.4	10.54	ug/L	0.058	10.54	ug/L	0.058	0.55%
Cr 267.716†	1353.0	34.43	ug/L	0.606	34.43	ug/L	0.606	1.76%
Fe 238.204†	163365.1	60890	ug/L	54.5	60890	ug/L	54.5	0.09%
K 766.490†	19687.4	2123	ug/L	3.2	2123	ug/L	3.2	0.15%
Mg 285.213†	66580.6	6268	ug/L	6.3	6268	ug/L	6.3	0.10%
Mn 257.610†	1688426.9	3287	ug/L	7.9	3287	ug/L	7.9	0.24%
Mo 202.031†	-5.9	1.120	ug/L	0.7255	1.120	ug/L	0.7255	64.79%
Na 589.592†	7908.9	683.9	ug/L	2.01	683.9	ug/L	2.01	0.29%
Ni 231.604†	223.5	23.12	ug/L	0.209	23.12	ug/L	0.209	0.90%
Pb 220.353†	133.2	56.85	ug/L	2.329	56.85	ug/L	2.329	4.10%
Sb 206.836†	-12.0	-8.090	ug/L	0.6035	-8.090	ug/L	0.6035	7.46%
Se 196.026†	-33.0	-10.83	ug/L	7.305	-10.83	ug/L	7.305	67.45%
V 311.071†	20765.8	65.83	ug/L	2.149	65.83	ug/L	2.149	3.26%
Sn 189.927†	-8.0	2.470	ug/L	1.4004	2.470	ug/L	1.4004	56.71%
Sr 421.552†	95739.9	129.7	ug/L	0.17	129.7	ug/L	0.17	0.13%
Tl 190.801†	-19.1	6.654	ug/L	0.4148	6.654	ug/L	0.4148	6.23%
Zn 206.200†	1876.2	164.8	ug/L	0.96	164.8	ug/L	0.96	0.58%
Ti 334.940†	1004038.7	1202	ug/L	2.2	1202	ug/L	2.2	0.19%
B 249.772†	11820.3	4.963	ug/L	1.5847	4.963	ug/L	1.5847	31.93%
Cu 324.752†	3406.1	20.42	ug/L	0.223	20.42	ug/L	0.223	1.09%
S 181.975†	117.2	559.6	ug/L	20.06	559.6	ug/L	20.06	3.59%
Zr 343.823†	1728.4	1.474	ug/L	0.0068	1.474	ug/L	0.0068	0.46%

Sequence No.: 19
Sample ID: 220-12074-b-7-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 5/6/2010 12:16:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-7-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1012903.2	0.992	mg/L	0.0110				1.11%
Y (radial)	94117.0	1.049	mg/L	0.0022				0.21%
Ag 328.068†	-577.1	-0.187	ug/L	0.2751	-0.187	ug/L	0.2751	147.18%
Al 396.153†	339126.7	37740	ug/L	247.4	37740	ug/L	247.4	0.66%
As 188.979†	1.2	3.787	ug/L	2.3699	3.787	ug/L	2.3699	62.57%
Ba 233.527†	8515.3	118.2	ug/L	2.13	118.2	ug/L	2.13	1.80%
Be 313.107†	-5700.8	2.208	ug/L	0.0619	2.208	ug/L	0.0619	2.80%
Ca 317.933†	95139.2	10650	ug/L	47.7	10650	ug/L	47.7	0.45%
Cd 214.440†	78.1	0.226	ug/L	0.2827	0.226	ug/L	0.2827	125.32%
Co 228.616†	257.1	8.840	ug/L	0.2854	8.840	ug/L	0.2854	3.23%
Cr 267.716†	872.6	22.37	ug/L	0.782	22.37	ug/L	0.782	3.49%
Fe 238.204†	123980.8	46210	ug/L	15.6	46210	ug/L	15.6	0.03%
K 766.490†	12880.5	1389	ug/L	13.2	1389	ug/L	13.2	0.95%
Mg 285.213†	46278.7	4360	ug/L	3.1	4360	ug/L	3.1	0.07%
Mn 257.610†	619689.6	1206	ug/L	5.5	1206	ug/L	5.5	0.45%
Mo 202.031†	-6.2	0.488	ug/L	0.4201	0.488	ug/L	0.4201	86.11%
Na 589.592†	2112.5	182.7	ug/L	9.52	182.7	ug/L	9.52	5.21%
Ni 231.604†	190.5	19.71	ug/L	0.915	19.71	ug/L	0.915	4.64%
Pb 220.353†	107.0	46.26	ug/L	0.899	46.26	ug/L	0.899	1.94%
Sb 206.836†	-10.8	-7.144	ug/L	1.8650	-7.144	ug/L	1.8650	26.11%
Se 196.026†	-24.4	-6.714	ug/L	27.6470	-6.714	ug/L	27.6470	411.77%
V 311.071†	15773.1	45.76	ug/L	0.051	45.76	ug/L	0.051	0.11%
Sn 189.927†	-7.5	3.087	ug/L	0.0115	3.087	ug/L	0.0115	0.37%
Sr 421.552†	16298.2	22.09	ug/L	0.036	22.09	ug/L	0.036	0.16%
Tl 190.801†	-39.5	-7.442	ug/L	3.2827	-7.442	ug/L	3.2827	44.11%
Zn 206.200†	1817.3	159.5	ug/L	3.51	159.5	ug/L	3.51	2.20%
Ti 334.940†	1060646.9	1270	ug/L	4.9	1270	ug/L	4.9	0.39%
B 249.772†	9064.6	5.913	ug/L	4.2638	5.913	ug/L	4.2638	72.11%
Cu 324.752†	2019.4	13.66	ug/L	0.231	13.66	ug/L	0.231	1.69%
S 181.975†	-1.2	37.68	ug/L	16.700	37.68	ug/L	16.700	44.32%
Zr 343.823†	1855.2	2.643	ug/L	0.0585	2.643	ug/L	0.0585	2.21%

Sequence No.: 20
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 12:19:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	935959.2	0.917	mg/L	0.0046				0.50%
Y (radial)	88635.6	0.988	mg/L	0.0090				0.91%
Ag 328.068†	51722.4	292.2	ug/L	0.52	292.2	ug/L	0.52	0.18%
QC value within limits for Ag 328.068 Recovery = 97.41%								
Al 396.153†	45642.2	5060	ug/L	8.0	5060	ug/L	8.0	0.16%
QC value within limits for Al 396.153 Recovery = 95.47%								
As 188.979†	359.2	293.0	ug/L	0.33	293.0	ug/L	0.33	0.11%
QC value within limits for As 188.979 Recovery = 97.67%								
Ba 233.527†	21651.2	303.0	ug/L	0.06	303.0	ug/L	0.06	0.02%
QC value within limits for Ba 233.527 Recovery = 100.99%								
Be 313.107†	577719.7	305.5	ug/L	0.77	305.5	ug/L	0.77	0.25%
QC value within limits for Be 313.107 Recovery = 101.82%								
Ca 317.933†	158939.8	17800	ug/L	55.8	17800	ug/L	55.8	0.31%
QC value within limits for Ca 317.933 Recovery = 94.93%								
Cd 214.440†	14038.0	300.7	ug/L	0.63	300.7	ug/L	0.63	0.21%
QC value within limits for Cd 214.440 Recovery = 100.24%								
Co 228.616†	6349.5	323.8	ug/L	2.06	323.8	ug/L	2.06	0.64%
QC value within limits for Co 228.616 Recovery = 107.94%								
Cr 267.716†	12621.9	308.2	ug/L	0.92	308.2	ug/L	0.92	0.30%
QC value within limits for Cr 267.716 Recovery = 102.72%								
Fe 238.204†	13349.6	4981	ug/L	19.9	4981	ug/L	19.9	0.40%
QC value within limits for Fe 238.204 Recovery = 99.62%								
K 766.490†	364215.1	39270	ug/L	341.0	39270	ug/L	341.0	0.87%
QC value within limits for K 766.490 Recovery = 98.18%								
Mg 285.213†	194506.3	18170	ug/L	26.4	18170	ug/L	26.4	0.15%
QC value within limits for Mg 285.213 Recovery = 96.88%								
Mn 257.610†	154948.6	300.9	ug/L	0.80	300.9	ug/L	0.80	0.27%
QC value within limits for Mn 257.610 Recovery = 100.30%								
Mo 202.031†	2385.8	508.5	ug/L	2.59	508.5	ug/L	2.59	0.51%
QC value within limits for Mo 202.031 Recovery = 101.70%								
Na 589.592†	445618.2	38530	ug/L	463.7	38530	ug/L	463.7	1.20%
QC value within limits for Na 589.592 Recovery = 96.33%								
Ni 231.604†	3112.8	322.1	ug/L	0.68	322.1	ug/L	0.68	0.21%
QC value within limits for Ni 231.604 Recovery = 107.38%								
Pb 220.353†	678.1	305.2	ug/L	1.16	305.2	ug/L	1.16	0.38%
QC value within limits for Pb 220.353 Recovery = 101.74%								
Sb 206.836†	445.2	288.2	ug/L	5.29	288.2	ug/L	5.29	1.84%
QC value within limits for Sb 206.836 Recovery = 96.08%								
Se 196.026†	186.1	296.3	ug/L	15.38	296.3	ug/L	15.38	5.19%
QC value within limits for Se 196.026 Recovery = 98.75%								
V 311.071†	76805.9	294.7	ug/L	0.25	294.7	ug/L	0.25	0.09%
QC value within limits for V 311.071 Recovery = 98.22%								
Sn 189.927†	1048.5	513.4	ug/L	0.67	513.4	ug/L	0.67	0.13%
QC value within limits for Sn 189.927 Recovery = 102.67%								
Sr 421.552†	369987.4	501.4	ug/L	5.90	501.4	ug/L	5.90	1.18%
QC value within limits for Sr 421.552 Recovery = 100.28%								
Tl 190.801†	432.9	309.9	ug/L	2.19	309.9	ug/L	2.19	0.71%
QC value within limits for Tl 190.801 Recovery = 103.30%								
Zn 206.200†	3557.0	314.5	ug/L	3.58	314.5	ug/L	3.58	1.14%
QC value within limits for Zn 206.200 Recovery = 104.84%								
Ti 334.940†	429052.2	513.7	ug/L	0.10	513.7	ug/L	0.10	0.02%
QC value within limits for Ti 334.940 Recovery = 102.75%								
B 249.772†	21578.9	471.6	ug/L	0.29	471.6	ug/L	0.29	0.06%
QC value within limits for B 249.772 Recovery = 94.33%								
Cu 324.752†	96957.5	315.5	ug/L	0.62	315.5	ug/L	0.62	0.20%
QC value within limits for Cu 324.752 Recovery = 105.17%								
S 181.975†	2274.9	9847	ug/L	53.7	9847	ug/L	53.7	0.55%
QC value within limits for S 181.975 Recovery = 98.47%								
Zr 343.823†	107831.0	302.2	ug/L	0.08	302.2	ug/L	0.08	0.02%
QC value within limits for Zr 343.823 Recovery = 100.74%								

All analyte(s) passed QC.

Sequence No.: 21
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 12:22:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1006148.9	0.986	mg/L	0.0034				0.35%
Y (radial)	89705.5	1.000	mg/L	0.0049				0.49%
Ag 328.068†	2.4	0.014	ug/L	0.1922	0.014	ug/L	0.1922	>999.9%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	93.8	10.41	ug/L	4.214	10.41	ug/L	4.214	40.48%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-8.0	-6.487	ug/L	3.0793	-6.487	ug/L	3.0793	47.47%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	4.7	0.065	ug/L	0.1482	0.065	ug/L	0.1482	227.64%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	12.5	0.008	ug/L	0.0673	0.008	ug/L	0.0673	891.51%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	5.2	0.578	ug/L	1.2633	0.578	ug/L	1.2633	218.60%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	8.1	0.174	ug/L	0.2178	0.174	ug/L	0.2178	125.11%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-6.2	-0.319	ug/L	0.5030	-0.319	ug/L	0.5030	157.64%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	11.9	0.290	ug/L	0.0340	0.290	ug/L	0.0340	11.73%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	9.3	3.446	ug/L	1.5837	3.446	ug/L	1.5837	45.96%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	1.0	0.110	ug/L	21.8545	0.110	ug/L	21.8545	>999.9%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	10.1	0.944	ug/L	0.2050	0.944	ug/L	0.2050	21.72%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	11.7	0.023	ug/L	0.0278	0.023	ug/L	0.0278	121.92%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	3.6	0.757	ug/L	0.7226	0.757	ug/L	0.7226	95.47%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-161.8	-13.99	ug/L	0.624	-13.99	ug/L	0.624	4.46%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	8.5	0.879	ug/L	0.1885	0.879	ug/L	0.1885	21.44%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-5.3	-2.372	ug/L	0.8212	-2.372	ug/L	0.8212	34.62%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	6.4	4.104	ug/L	3.0243	4.104	ug/L	3.0243	73.70%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-1.6	-2.523	ug/L	4.7043	-2.523	ug/L	4.7043	186.49%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	6.7	0.023	ug/L	0.1598	0.023	ug/L	0.1598	686.27%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	6.7	3.267	ug/L	2.6686	3.267	ug/L	2.6686	81.68%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-14.7	-0.020	ug/L	0.0563	-0.020	ug/L	0.0563	283.30%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.7	-1.207	ug/L	6.0867	-1.207	ug/L	6.0867	504.15%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	6.2	0.544	ug/L	0.6379	0.544	ug/L	0.6379	117.35%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	198.7	0.238	ug/L	0.0744	0.238	ug/L	0.0744	31.27%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	103.7	2.355	ug/L	0.0508	2.355	ug/L	0.0508	2.16%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-65.0	-0.210	ug/L	0.2208	-0.210	ug/L	0.2208	104.96%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-1.1	-4.671	ug/L	12.8719	-4.671	ug/L	12.8719	275.54%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	42.1	0.118	ug/L	0.0244	0.118	ug/L	0.0244	20.73%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 22
Sample ID: 220-12074-b-8-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 5/6/2010 12:25:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-8-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	963600.5	0.944	mg/L	0.0108				1.14%
Y (radial)	92673.5	1.033	mg/L	0.0027				0.26%
Ag 328.068†	-1729.0	-0.650	ug/L	0.5670	-0.650	ug/L	0.5670	87.28%
Al 396.153†	811787.9	90340	ug/L	1787.8	90340	ug/L	1787.8	1.98%
As 188.979†	46.8	43.99	ug/L	2.793	43.99	ug/L	2.793	6.35%
Ba 233.527†	49220.9	688.5	ug/L	15.94	688.5	ug/L	15.94	2.31%
Be 313.107†	-3104.2	11.62	ug/L	0.159	11.62	ug/L	0.159	1.37%
Ca 317.933†	2857506.5	320000	ug/L	7122.3	320000	ug/L	7122.3	2.23%
Cd 214.440†	544.5	8.743	ug/L	0.0999	8.743	ug/L	0.0999	1.14%
Co 228.616†	1327.6	57.66	ug/L	0.006	57.66	ug/L	0.006	0.01%
Cr 267.716†	8525.3	211.2	ug/L	2.40	211.2	ug/L	2.40	1.14%
Fe 238.204†	250607.2	93410	ug/L	55.8	93410	ug/L	55.8	0.06%
K 766.490†	98780.1	10650	ug/L	17.8	10650	ug/L	17.8	0.17%
Mg 285.213†	174408.2	16360	ug/L	3.4	16360	ug/L	3.4	0.02%
Mn 257.610†	990965.5	1929	ug/L	1.7	1929	ug/L	1.7	0.09%
Mo 202.031†	27.7	9.559	ug/L	0.2086	9.559	ug/L	0.2086	2.18%
Na 589.592†	31222.4	2700	ug/L	2.3	2700	ug/L	2.3	0.08%
Ni 231.604†	8730.4	902.7	ug/L	8.98	902.7	ug/L	8.98	1.00%
Pb 220.353†	480.5	213.3	ug/L	4.48	213.3	ug/L	4.48	2.10%
Sb 206.836†	-10.9	-7.452	ug/L	2.2332	-7.452	ug/L	2.2332	29.97%
Se 196.026†	-54.6	-20.62	ug/L	26.008	-20.62	ug/L	26.008	126.10%
V 311.071†	334408.7	1271	ug/L	28.2	1271	ug/L	28.2	2.22%
Sn 189.927†	-52.8	-8.566	ug/L	6.9605	-8.566	ug/L	6.9605	81.25%
Sr 421.552†	636263.9	862.2	ug/L	0.50	862.2	ug/L	0.50	0.06%
Tl 190.801†	-83.8	-6.501	ug/L	3.6600	-6.501	ug/L	3.6600	56.30%
Zn 206.200†	60553.8	5312	ug/L	142.7	5312	ug/L	142.7	2.69%
Ti 334.940†	2702559.5	3236	ug/L	0.7	3236	ug/L	0.7	0.02%
B 249.772†	21376.0	81.76	ug/L	7.979	81.76	ug/L	7.979	9.76%
Cu 324.752†	51743.7	182.3	ug/L	3.71	182.3	ug/L	3.71	2.04%
S 181.975†	1377.4	6014	ug/L	73.3	6014	ug/L	73.3	1.22%
Zr 343.823†	13565.7	32.88	ug/L	0.895	32.88	ug/L	0.895	2.72%

Sequence No.: 23
Sample ID: 220-12074-b-9-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 5/6/2010 12:29:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12074-b-9-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1040473.5	1.019	mg/L	0.0247				2.43%
Y (radial)	98437.1	1.097	mg/L	0.0131				1.19%
Ag 328.068†	-637.6	0.095	ug/L	0.1127	0.095	ug/L	0.1127	118.67%
Al 396.153†	341668.4	38020	ug/L	89.4	38020	ug/L	89.4	0.24%
As 188.979†	5.8	8.551	ug/L	3.5629	8.551	ug/L	3.5629	41.66%
Ba 233.527†	16285.5	226.6	ug/L	5.31	226.6	ug/L	5.31	2.34%
Be 313.107†	-3055.0	2.653	ug/L	0.0129	2.653	ug/L	0.0129	0.49%
Ca 317.933†	257082.2	28790	ug/L	76.9	28790	ug/L	76.9	0.27%
Cd 214.440†	128.7	1.030	ug/L	0.2090	1.030	ug/L	0.2090	20.28%
Co 228.616†	305.4	11.55	ug/L	0.646	11.55	ug/L	0.646	5.60%
Cr 267.716†	1322.4	33.56	ug/L	1.433	33.56	ug/L	1.433	4.27%
Fe 238.204†	147938.9	55140	ug/L	70.5	55140	ug/L	70.5	0.13%
K 766.490†	18611.6	2007	ug/L	7.0	2007	ug/L	7.0	0.35%
Mg 285.213†	54175.5	5105	ug/L	6.6	5105	ug/L	6.6	0.13%
Mn 257.610†	2022862.4	3938	ug/L	13.4	3938	ug/L	13.4	0.34%
Mo 202.031†	4.8	3.174	ug/L	1.4314	3.174	ug/L	1.4314	45.10%
Na 589.592†	2304.1	199.2	ug/L	8.02	199.2	ug/L	8.02	4.02%
Ni 231.604†	290.2	30.02	ug/L	0.963	30.02	ug/L	0.963	3.21%
Pb 220.353†	364.0	160.3	ug/L	2.54	160.3	ug/L	2.54	1.59%
Sb 206.836†	-10.3	-6.915	ug/L	0.6910	-6.915	ug/L	0.6910	9.99%
Se 196.026†	-16.2	11.54	ug/L	8.817	11.54	ug/L	8.817	76.40%
V 311.071†	22054.6	72.95	ug/L	2.647	72.95	ug/L	2.647	3.63%
Sn 189.927†	-1.6	4.735	ug/L	4.3040	4.735	ug/L	4.3040	90.90%
Sr 421.552†	43083.3	58.38	ug/L	0.200	58.38	ug/L	0.200	0.34%
Tl 190.801†	-36.0	-7.805	ug/L	0.6622	-7.805	ug/L	0.6622	8.48%
Zn 206.200†	1933.4	169.8	ug/L	4.85	169.8	ug/L	4.85	2.86%
Ti 334.940†	868217.0	1040	ug/L	3.3	1040	ug/L	3.3	0.32%
B 249.772†	10899.0	8.948	ug/L	8.3466	8.948	ug/L	8.3466	93.28%
Cu 324.752†	3148.0	18.70	ug/L	0.271	18.70	ug/L	0.271	1.45%
S 181.975†	75.1	369.5	ug/L	34.70	369.5	ug/L	34.70	9.39%
Zr 343.823†	2299.5	3.395	ug/L	0.2271	3.395	ug/L	0.2271	6.69%

Sequence No.: 24
Sample ID: 220-12081-a-1-i
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 5/6/2010 12:32:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-i

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	983207.7	0.963	mg/L	0.0059				0.62%
Y (radial)	92587.6	1.032	mg/L	0.0017				0.17%
Ag 328.068†	-990.5	0.545	ug/L	0.2254	0.545	ug/L	0.2254	41.40%
Al 396.153†	333593.0	37120	ug/L	79.1	37120	ug/L	79.1	0.21%
As 188.979†	4.8	12.12	ug/L	0.966	12.12	ug/L	0.966	7.97%
Ba 233.527†	39051.9	544.0	ug/L	0.21	544.0	ug/L	0.21	0.04%
Be 313.107†	-4669.8	2.794	ug/L	0.0220	2.794	ug/L	0.0220	0.79%
Ca 317.933†	250247.3	28020	ug/L	50.9	28020	ug/L	50.9	0.18%
Cd 214.440†	110.3	-0.529	ug/L	0.0661	-0.529	ug/L	0.0661	12.50%
Co 228.616†	941.9	42.38	ug/L	0.132	42.38	ug/L	0.132	0.31%
Cr 267.716†	3874.3	96.66	ug/L	1.288	96.66	ug/L	1.288	1.33%
Fe 238.204†	247811.0	92370	ug/L	338.6	92370	ug/L	338.6	0.37%
K 766.490†	92700.9	9995	ug/L	16.0	9995	ug/L	16.0	0.16%
Mg 285.213†	269931.8	25280	ug/L	9.9	25280	ug/L	9.9	0.04%
Mn 257.610†	1052036.6	2047	ug/L	0.8	2047	ug/L	0.8	0.04%
Mo 202.031†	-16.9	0.010	ug/L	0.8128	0.010	ug/L	0.8128	>999.9%
Na 589.592†	41587.8	3596	ug/L	4.3	3596	ug/L	4.3	0.12%
Ni 231.604†	1718.8	177.8	ug/L	1.23	177.8	ug/L	1.23	0.69%
Pb 220.353†	1220.5	539.3	ug/L	5.69	539.3	ug/L	5.69	1.06%
Sb 206.836†	-12.6	-9.286	ug/L	4.9987	-9.286	ug/L	4.9987	53.83%
Se 196.026†	-42.6	-7.507	ug/L	17.9159	-7.507	ug/L	17.9159	238.65%
V 311.071†	31634.0	106.6	ug/L	0.11	106.6	ug/L	0.11	0.10%
Sn 189.927†	10.6	11.95	ug/L	5.352	11.95	ug/L	5.352	44.79%
Sr 421.552†	94253.5	127.7	ug/L	0.07	127.7	ug/L	0.07	0.06%
Tl 190.801†	-36.6	-3.095	ug/L	0.8056	-3.095	ug/L	0.8056	26.03%
Zn 206.200†	4636.8	407.4	ug/L	2.79	407.4	ug/L	2.79	0.69%
Ti 334.940†	1069781.3	1281	ug/L	1.0	1281	ug/L	1.0	0.08%
B 249.772†	18312.5	16.26	ug/L	1.970	16.26	ug/L	1.970	12.12%
Cu 324.752†	27798.6	104.4	ug/L	0.20	104.4	ug/L	0.20	0.19%
S 181.975†	25.4	358.3	ug/L	51.01	358.3	ug/L	51.01	14.24%
Zr 343.823†	7306.7	15.38	ug/L	0.001	15.38	ug/L	0.001	0.01%

Sequence No.: 25
Sample ID: 220-12081-a-1-j du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 5/6/2010 12:35:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-j du

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	965899.8	0.946	mg/L	0.0013				0.14%
Y (radial)	93938.5	1.047	mg/L	0.0002				0.02%
Ag 328.068†	-886.6	1.769	ug/L	0.1353	1.769	ug/L	0.1353	7.65%
Al 396.153†	329955.7	36720	ug/L	35.2	36720	ug/L	35.2	0.10%
As 188.979†	2.0	10.95	ug/L	3.459	10.95	ug/L	3.459	31.60%
Ba 233.527†	45519.8	634.2	ug/L	0.99	634.2	ug/L	0.99	0.16%
Be 313.107†	-4140.8	2.726	ug/L	0.0156	2.726	ug/L	0.0156	0.57%
Ca 317.933†	265050.1	29680	ug/L	32.8	29680	ug/L	32.8	0.11%
Cd 214.440†	138.9	-0.245	ug/L	0.0090	-0.245	ug/L	0.0090	3.66%
Co 228.616†	951.1	42.71	ug/L	0.298	42.71	ug/L	0.298	0.70%
Cr 267.716†	3958.5	98.94	ug/L	0.303	98.94	ug/L	0.303	0.31%
Fe 238.204†	276000.9	102900	ug/L	38.4	102900	ug/L	38.4	0.04%
K 766.490†	91045.6	9817	ug/L	30.7	9817	ug/L	30.7	0.31%
Mg 285.213†	249814.3	23410	ug/L	20.3	23410	ug/L	20.3	0.09%
Mn 257.610†	1092961.9	2127	ug/L	1.7	2127	ug/L	1.7	0.08%
Mo 202.031†	-18.6	0.051	ug/L	1.1764	0.051	ug/L	1.1764	>999.9%
Na 589.592†	40965.6	3542	ug/L	6.8	3542	ug/L	6.8	0.19%
Ni 231.604†	1749.8	181.0	ug/L	0.98	181.0	ug/L	0.98	0.54%
Pb 220.353†	1758.8	779.0	ug/L	12.09	779.0	ug/L	12.09	1.55%
Sb 206.836†	-3.2	-3.250	ug/L	0.5955	-3.250	ug/L	0.5955	18.32%
Se 196.026†	-39.3	3.992	ug/L	19.0511	3.992	ug/L	19.0511	477.28%
V 311.071†	29246.8	98.04	ug/L	0.423	98.04	ug/L	0.423	0.43%
Sn 189.927†	31.0	21.45	ug/L	2.594	21.45	ug/L	2.594	12.09%
Sr 421.552†	89063.6	120.7	ug/L	0.05	120.7	ug/L	0.05	0.05%
Tl 190.801†	-38.7	-5.301	ug/L	3.1655	-5.301	ug/L	3.1655	59.72%
Zn 206.200†	4050.6	356.0	ug/L	0.03	356.0	ug/L	0.03	0.01%
Ti 334.940†	999347.1	1197	ug/L	0.9	1197	ug/L	0.9	0.08%
B 249.772†	20336.5	16.76	ug/L	1.824	16.76	ug/L	1.824	10.89%
Cu 324.752†	29009.0	110.0	ug/L	0.25	110.0	ug/L	0.25	0.23%
S 181.975†	130.3	785.3	ug/L	37.05	785.3	ug/L	37.05	4.72%
Zr 343.823†	6736.1	13.20	ug/L	0.339	13.20	ug/L	0.339	2.57%

Sequence No.: 26
Sample ID: 220-12081-a-1-k ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 5/6/2010 12:38:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-k ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	978764.1	0.959	mg/L	0.0164				1.71%
Y (radial)	92284.5	1.029	mg/L	0.0021				0.20%
Ag 328.068†	9162.1	61.84	ug/L	0.456	61.84	ug/L	0.456	0.74%
Al 396.153†	354884.7	39490	ug/L	42.7	39490	ug/L	42.7	0.11%
As 188.979†	245.0	214.1	ug/L	5.57	214.1	ug/L	5.57	2.60%
Ba 233.527†	41122.9	571.9	ug/L	1.55	571.9	ug/L	1.55	0.27%
Be 313.107†	34083.9	23.59	ug/L	0.028	23.59	ug/L	0.028	0.12%
Ca 317.933†	263487.8	29510	ug/L	45.3	29510	ug/L	45.3	0.15%
Cd 214.440†	3024.3	59.93	ug/L	0.431	59.93	ug/L	0.431	0.72%
Co 228.616†	2152.7	102.3	ug/L	1.18	102.3	ug/L	1.18	1.15%
Cr 267.716†	6273.7	156.6	ug/L	0.56	156.6	ug/L	0.56	0.36%
Fe 238.204†	418485.1	156000	ug/L	181.0	156000	ug/L	181.0	0.12%
K 766.490†	136033.4	14670	ug/L	37.4	14670	ug/L	37.4	0.25%
Mg 285.213†	257688.4	24190	ug/L	41.2	24190	ug/L	41.2	0.17%
Mn 257.610†	1037598.1	2019	ug/L	3.3	2019	ug/L	3.3	0.17%
Mo 202.031†	966.2	211.9	ug/L	1.73	211.9	ug/L	1.73	0.82%
Na 589.592†	56291.6	4868	ug/L	4.9	4868	ug/L	4.9	0.10%
Ni 231.604†	2215.7	229.2	ug/L	0.47	229.2	ug/L	0.47	0.20%
Pb 220.353†	1619.4	711.1	ug/L	2.85	711.1	ug/L	2.85	0.40%
Sb 206.836†	147.4	95.19	ug/L	1.525	95.19	ug/L	1.525	1.60%
Se 196.026†	12.9	118.6	ug/L	24.05	118.6	ug/L	24.05	20.28%
V 311.071†	45601.7	158.8	ug/L	0.51	158.8	ug/L	0.51	0.32%
Sn 189.927†	488.5	245.3	ug/L	3.68	245.3	ug/L	3.68	1.50%
Sr 421.552†	79229.2	107.4	ug/L	0.15	107.4	ug/L	0.15	0.14%
Tl 190.801†	235.2	192.0	ug/L	2.15	192.0	ug/L	2.15	1.12%
Zn 206.200†	4520.4	397.7	ug/L	3.28	397.7	ug/L	3.28	0.83%
Ti 334.940†	1161081.2	1390	ug/L	1.3	1390	ug/L	1.3	0.09%
B 249.772†	38947.7	210.9	ug/L	1.25	210.9	ug/L	1.25	0.59%
Cu 324.752†	47873.0	179.4	ug/L	0.15	179.4	ug/L	0.15	0.08%
S 181.975†	196.7	1075	ug/L	68.6	1075	ug/L	68.6	6.38%
Zr 343.823†	87641.8	237.2	ug/L	1.46	237.2	ug/L	1.46	0.62%

Sequence No.: 27
Sample ID: 220-12081-a-1-l msd
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 5/6/2010 12:41:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-l msd

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	971782.8	0.952	mg/L	0.0073				0.77%
Y (radial)	92100.4	1.027	mg/L	0.0049				0.48%
Ag 328.068†	9543.5	62.74	ug/L	0.061	62.74	ug/L	0.061	0.10%
Al 396.153†	377867.0	42040	ug/L	14.9	42040	ug/L	14.9	0.04%
As 188.979†	245.8	212.5	ug/L	9.55	212.5	ug/L	9.55	4.49%
Ba 233.527†	44005.8	612.6	ug/L	0.75	612.6	ug/L	0.75	0.12%
Be 313.107†	33641.9	23.99	ug/L	0.001	23.99	ug/L	0.001	0.00%
Ca 317.933†	260037.4	29120	ug/L	160.3	29120	ug/L	160.3	0.55%
Cd 214.440†	3082.9	61.83	ug/L	0.110	61.83	ug/L	0.110	0.18%
Co 228.616†	2295.5	109.9	ug/L	1.88	109.9	ug/L	1.88	1.71%
Cr 267.716†	6974.2	173.3	ug/L	1.55	173.3	ug/L	1.55	0.90%
Fe 238.204†	363493.1	135500	ug/L	740.2	135500	ug/L	740.2	0.55%
K 766.490†	151034.2	16290	ug/L	25.0	16290	ug/L	25.0	0.15%
Mg 285.213†	301794.2	28290	ug/L	1.0	28290	ug/L	1.0	0.00%
Mn 257.610†	1181666.1	2300	ug/L	3.0	2300	ug/L	3.0	0.13%
Mo 202.031†	1003.3	219.0	ug/L	5.03	219.0	ug/L	5.03	2.30%
Na 589.592†	58245.4	5037	ug/L	13.5	5037	ug/L	13.5	0.27%
Ni 231.604†	2565.5	265.4	ug/L	5.95	265.4	ug/L	5.95	2.24%
Pb 220.353†	2174.2	962.3	ug/L	5.53	962.3	ug/L	5.53	0.57%
Sb 206.836†	163.8	105.7	ug/L	2.79	105.7	ug/L	2.79	2.64%
Se 196.026†	16.8	112.5	ug/L	14.48	112.5	ug/L	14.48	12.87%
V 311.071†	50250.0	175.5	ug/L	0.37	175.5	ug/L	0.37	0.21%
Sn 189.927†	482.2	243.1	ug/L	0.21	243.1	ug/L	0.21	0.09%
Sr 421.552†	79133.1	107.2	ug/L	0.20	107.2	ug/L	0.20	0.19%
Tl 190.801†	240.9	197.2	ug/L	0.99	197.2	ug/L	0.99	0.50%
Zn 206.200†	5594.6	492.1	ug/L	6.60	492.1	ug/L	6.60	1.34%
Ti 334.940†	1289702.3	1544	ug/L	2.6	1544	ug/L	2.6	0.17%
B 249.772†	35294.5	216.6	ug/L	3.81	216.6	ug/L	3.81	1.76%
Cu 324.752†	51688.3	188.6	ug/L	0.46	188.6	ug/L	0.46	0.24%
S 181.975†	182.6	1056	ug/L	45.4	1056	ug/L	45.4	4.30%
Zr 343.823†	89445.6	243.4	ug/L	0.35	243.4	ug/L	0.35	0.14%

Sequence No.: 28
Sample ID: 220-12081-a-1-i pds
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 5/6/2010 12:44:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-i pds

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	965075.9	0.945	mg/L	0.0082				0.87%
Y (radial)	91663.5	1.022	mg/L	0.0129				1.27%
Ag 328.068†	921.4	11.72	ug/L	0.212	11.72	ug/L	0.212	1.81%
Al 396.153†	360643.3	40120	ug/L	38.9	40120	ug/L	38.9	0.10%
As 188.979†	240.2	203.6	ug/L	7.24	203.6	ug/L	7.24	3.56%
Ba 233.527†	46019.7	641.5	ug/L	1.33	641.5	ug/L	1.33	0.21%
Be 313.107†	184836.6	103.5	ug/L	0.03	103.5	ug/L	0.03	0.03%
Ca 317.933†	309785.5	34690	ug/L	223.9	34690	ug/L	223.9	0.65%
Cd 214.440†	4661.6	96.93	ug/L	1.920	96.93	ug/L	1.920	1.98%
Co 228.616†	2956.5	145.0	ug/L	1.64	145.0	ug/L	1.64	1.13%
Cr 267.716†	7873.1	194.3	ug/L	3.48	194.3	ug/L	3.48	1.79%
Fe 238.204†	255083.1	95080	ug/L	589.9	95080	ug/L	589.9	0.62%
K 766.490†	153605.1	16560	ug/L	16.3	16560	ug/L	16.3	0.10%
Mg 285.213†	340968.6	31920	ug/L	58.9	31920	ug/L	58.9	0.18%
Mn 257.610†	1096851.9	2134	ug/L	2.7	2134	ug/L	2.7	0.13%
Mo 202.031†	1337.9	288.8	ug/L	3.68	288.8	ug/L	3.68	1.28%
Na 589.592†	116491.4	10070	ug/L	24.8	10070	ug/L	24.8	0.25%
Ni 231.604†	2718.1	281.2	ug/L	3.85	281.2	ug/L	3.85	1.37%
Pb 220.353†	1452.4	644.0	ug/L	14.42	644.0	ug/L	14.42	2.24%
Sb 206.836†	438.6	283.4	ug/L	10.67	283.4	ug/L	10.67	3.76%
Se 196.026†	129.4	265.1	ug/L	5.94	265.1	ug/L	5.94	2.24%
V 311.071†	57016.4	202.6	ug/L	0.79	202.6	ug/L	0.79	0.39%
Sn 189.927†	606.3	303.6	ug/L	7.50	303.6	ug/L	7.50	2.47%
Sr 421.552†	165353.4	224.1	ug/L	0.08	224.1	ug/L	0.08	0.03%
Tl 190.801†	384.1	295.8	ug/L	2.91	295.8	ug/L	2.91	0.98%
Zn 206.200†	7937.4	697.7	ug/L	11.34	697.7	ug/L	11.34	1.62%
Ti 334.940†	1307388.9	1565	ug/L	0.3	1565	ug/L	0.3	0.02%
B 249.772†	31295.5	301.3	ug/L	1.95	301.3	ug/L	1.95	0.65%
Cu 324.752†	59762.5	208.6	ug/L	0.49	208.6	ug/L	0.49	0.23%
S 181.975†	-31.8	181.4	ug/L	83.15	181.4	ug/L	83.15	45.84%
Zr 343.823†	118774.5	327.9	ug/L	0.61	327.9	ug/L	0.61	0.18%

Sequence No.: 29
Sample ID: 220-12081-a-1-i sd@5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 55
Date Collected: 5/6/2010 12:47:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-1-i sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	974237.5	0.954	mg/L	0.0050				0.52%
Y (radial)	92132.0	1.027	mg/L	0.0203				1.97%
Ag 328.068†	-200.2	0.174	ug/L	0.0165	0.174	ug/L	0.0165	9.44%
Al 396.153†	67354.5	7496	ug/L	17.0	7496	ug/L	17.0	0.23%
As 188.979†	-2.3	-0.080	ug/L	1.4401	-0.080	ug/L	1.4401	>999.9%
Ba 233.527†	8384.8	116.8	ug/L	0.53	116.8	ug/L	0.53	0.45%
Be 313.107†	-1104.6	0.508	ug/L	0.0123	0.508	ug/L	0.0123	2.42%
Ca 317.933†	51632.1	5782	ug/L	0.3	5782	ug/L	0.3	0.00%
Cd 214.440†	7.5	-0.455	ug/L	0.1347	-0.455	ug/L	0.1347	29.58%
Co 228.616†	189.2	8.460	ug/L	0.0876	8.460	ug/L	0.0876	1.04%
Cr 267.716†	810.2	20.22	ug/L	0.054	20.22	ug/L	0.054	0.26%
Fe 238.204†	52759.6	19670	ug/L	9.8	19670	ug/L	9.8	0.05%
K 766.490†	16043.7	1730	ug/L	10.5	1730	ug/L	10.5	0.61%
Mg 285.213†	56028.9	5248	ug/L	5.6	5248	ug/L	5.6	0.11%
Mn 257.610†	219924.9	428.0	ug/L	0.60	428.0	ug/L	0.60	0.14%
Mo 202.031†	-1.0	0.552	ug/L	1.2363	0.552	ug/L	1.2363	223.91%
Na 589.592†	8042.2	695.4	ug/L	9.25	695.4	ug/L	9.25	1.33%
Ni 231.604†	374.6	38.74	ug/L	0.040	38.74	ug/L	0.040	0.10%
Pb 220.353†	269.6	119.1	ug/L	0.05	119.1	ug/L	0.05	0.04%
Sb 206.836†	2.5	1.399	ug/L	1.8553	1.399	ug/L	1.8553	132.66%
Se 196.026†	-11.6	-5.668	ug/L	1.9194	-5.668	ug/L	1.9194	33.86%
V 311.071†	6537.8	22.00	ug/L	0.875	22.00	ug/L	0.875	3.98%
Sn 189.927†	5.1	3.892	ug/L	0.4585	3.892	ug/L	0.4585	11.78%
Sr 421.552†	19542.3	26.48	ug/L	0.034	26.48	ug/L	0.034	0.13%
Tl 190.801†	-15.7	-6.340	ug/L	0.9408	-6.340	ug/L	0.9408	14.84%
Zn 206.200†	992.7	87.22	ug/L	0.284	87.22	ug/L	0.284	0.33%
Ti 334.940†	221916.7	265.7	ug/L	0.26	265.7	ug/L	0.26	0.10%
B 249.772†	4030.6	6.476	ug/L	1.0797	6.476	ug/L	1.0797	16.67%
Cu 324.752†	5481.0	20.82	ug/L	0.396	20.82	ug/L	0.396	1.90%
S 181.975†	-29.3	-72.45	ug/L	13.920	-72.45	ug/L	13.920	19.21%
Zr 343.823†	1829.1	4.041	ug/L	0.0969	4.041	ug/L	0.0969	2.40%

Sequence No.: 30
Sample ID: 220-12081-a-2-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 56
Date Collected: 5/6/2010 12:50:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-2-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	975385.2	0.955	mg/L	0.0087				0.91%
Y (radial)	91504.6	1.020	mg/L	0.0284				2.78%
Ag 328.068†	-1859.7	0.465	ug/L	0.6235	0.465	ug/L	0.6235	134.04%
Al 396.153†	309187.5	34410	ug/L	56.0	34410	ug/L	56.0	0.16%
As 188.979†	0.7	17.09	ug/L	6.009	17.09	ug/L	6.009	35.16%
Ba 233.527†	29812.0	413.5	ug/L	4.71	413.5	ug/L	4.71	1.14%
Be 313.107†	-2680.3	2.241	ug/L	0.0083	2.241	ug/L	0.0083	0.37%
Ca 317.933†	164743.5	18450	ug/L	21.8	18450	ug/L	21.8	0.12%
Cd 214.440†	237.5	-0.226	ug/L	0.0999	-0.226	ug/L	0.0999	44.28%
Co 228.616†	2166.1	103.4	ug/L	0.01	103.4	ug/L	0.01	0.01%
Cr 267.716†	3614.8	92.05	ug/L	0.676	92.05	ug/L	0.676	0.73%
Fe 238.204†	455338.6	169700	ug/L	119.0	169700	ug/L	119.0	0.07%
K 766.490†	67097.1	7235	ug/L	15.9	7235	ug/L	15.9	0.22%
Mg 285.213†	159372.1	15020	ug/L	11.1	15020	ug/L	11.1	0.07%
Mn 257.610†	976126.2	1900	ug/L	10.4	1900	ug/L	10.4	0.55%
Mo 202.031†	-16.4	3.125	ug/L	1.4909	3.125	ug/L	1.4909	47.71%
Na 589.592†	6655.8	575.5	ug/L	14.74	575.5	ug/L	14.74	2.56%
Ni 231.604†	1582.1	163.7	ug/L	3.45	163.7	ug/L	3.45	2.11%
Pb 220.353†	6159.5	2741	ug/L	24.5	2741	ug/L	24.5	0.89%
Sb 206.836†	0.6	-0.757	ug/L	0.1905	-0.757	ug/L	0.1905	25.17%
Se 196.026†	-64.8	4.183	ug/L	12.5357	4.183	ug/L	12.5357	299.68%
V 311.071†	25525.5	85.93	ug/L	0.539	85.93	ug/L	0.539	0.63%
Sn 189.927†	-0.5	4.466	ug/L	5.6834	4.466	ug/L	5.6834	127.26%
Sr 421.552†	62269.1	84.38	ug/L	0.175	84.38	ug/L	0.175	0.21%
Tl 190.801†	-37.0	-5.561	ug/L	2.5829	-5.561	ug/L	2.5829	46.45%
Zn 206.200†	5951.8	522.7	ug/L	4.84	522.7	ug/L	4.84	0.93%
Ti 334.940†	743917.2	890.7	ug/L	2.64	890.7	ug/L	2.64	0.30%
B 249.772†	33060.7	16.45	ug/L	7.227	16.45	ug/L	7.227	43.93%
Cu 324.752†	68394.1	248.1	ug/L	0.85	248.1	ug/L	0.85	0.34%
S 181.975†	-11.7	98.03	ug/L	5.057	98.03	ug/L	5.057	5.16%
Zr 343.823†	8287.3	13.84	ug/L	0.184	13.84	ug/L	0.184	1.33%

Sequence No.: 31
Sample ID: 220-12081-a-3-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 57
Date Collected: 5/6/2010 12:53:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-a-3-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	969800.3	0.950	mg/L	0.0003				0.03%
Y (radial)	91612.6	1.021	mg/L	0.0047				0.46%
Ag 328.068†	-1854.5	0.846	ug/L	0.0274	0.846	ug/L	0.0274	3.23%
Al 396.153†	369647.6	41140	ug/L	19.2	41140	ug/L	19.2	0.05%
As 188.979†	2.3	18.51	ug/L	5.170	18.51	ug/L	5.170	27.93%
Ba 233.527†	45146.2	627.6	ug/L	0.25	627.6	ug/L	0.25	0.04%
Be 313.107†	-4874.6	2.692	ug/L	0.0099	2.692	ug/L	0.0099	0.37%
Ca 317.933†	603401.8	67570	ug/L	15.9	67570	ug/L	15.9	0.02%
Cd 214.440†	217.8	-0.798	ug/L	0.0410	-0.798	ug/L	0.0410	5.14%
Co 228.616†	1315.3	58.90	ug/L	0.113	58.90	ug/L	0.113	0.19%
Cr 267.716†	3975.6	101.0	ug/L	0.37	101.0	ug/L	0.37	0.36%
Fe 238.204†	468145.4	174500	ug/L	484.9	174500	ug/L	484.9	0.28%
K 766.490†	99206.0	10700	ug/L	7.6	10700	ug/L	7.6	0.07%
Mg 285.213†	300735.2	28230	ug/L	14.8	28230	ug/L	14.8	0.05%
Mn 257.610†	946309.3	1841	ug/L	4.6	1841	ug/L	4.6	0.25%
Mo 202.031†	-29.3	0.575	ug/L	0.0216	0.575	ug/L	0.0216	3.76%
Na 589.592†	19658.0	1700	ug/L	6.1	1700	ug/L	6.1	0.36%
Ni 231.604†	1501.8	155.3	ug/L	3.18	155.3	ug/L	3.18	2.05%
Pb 220.353†	8039.3	3583	ug/L	25.1	3583	ug/L	25.1	0.70%
Sb 206.836†	-3.3	-3.348	ug/L	0.2850	-3.348	ug/L	0.2850	8.51%
Se 196.026†	-74.2	-7.068	ug/L	17.8961	-7.068	ug/L	17.8961	253.22%
V 311.071†	30854.0	101.8	ug/L	0.28	101.8	ug/L	0.28	0.27%
Sn 189.927†	7.9	10.67	ug/L	2.230	10.67	ug/L	2.230	20.89%
Sr 421.552†	254710.9	345.2	ug/L	0.16	345.2	ug/L	0.16	0.05%
Tl 190.801†	-37.0	0.514	ug/L	5.4006	0.514	ug/L	5.4006	>999.9%
Zn 206.200†	9313.3	817.5	ug/L	8.03	817.5	ug/L	8.03	0.98%
Ti 334.940†	1070988.8	1282	ug/L	1.6	1282	ug/L	1.6	0.12%
B 249.772†	34229.6	22.38	ug/L	2.249	22.38	ug/L	2.249	10.05%
Cu 324.752†	45292.6	173.9	ug/L	0.01	173.9	ug/L	0.01	0.01%
S 181.975†	175.9	1026	ug/L	24.6	1026	ug/L	24.6	2.39%
Zr 343.823†	10062.0	18.56	ug/L	0.116	18.56	ug/L	0.116	0.62%

Sequence No.: 32
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 12:56:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	939336.8	0.920	mg/L	0.0002				0.03%
Y (radial)	89180.3	0.994	mg/L	0.0057				0.57%
Ag 328.068†	51611.1	291.6	ug/L	0.79	291.6	ug/L	0.79	0.27%
QC value within limits for Ag 328.068 Recovery = 97.21%								
Al 396.153†	46405.4	5145	ug/L	10.7	5145	ug/L	10.7	0.21%
QC value within limits for Al 396.153 Recovery = 97.07%								
As 188.979†	370.0	301.8	ug/L	2.42	301.8	ug/L	2.42	0.80%
QC value within limits for As 188.979 Recovery = 100.60%								
Ba 233.527†	21659.7	303.1	ug/L	0.02	303.1	ug/L	0.02	0.01%
QC value within limits for Ba 233.527 Recovery = 101.03%								
Be 313.107†	578185.2	305.7	ug/L	0.67	305.7	ug/L	0.67	0.22%
QC value within limits for Be 313.107 Recovery = 101.90%								
Ca 317.933†	159054.5	17810	ug/L	58.0	17810	ug/L	58.0	0.33%
QC value within limits for Ca 317.933 Recovery = 95.00%								
Cd 214.440†	14015.4	300.2	ug/L	2.03	300.2	ug/L	2.03	0.68%
QC value within limits for Cd 214.440 Recovery = 100.07%								
Co 228.616†	6330.8	322.9	ug/L	0.58	322.9	ug/L	0.58	0.18%
QC value within limits for Co 228.616 Recovery = 107.62%								
Cr 267.716†	12563.2	306.7	ug/L	1.55	306.7	ug/L	1.55	0.51%
QC value within limits for Cr 267.716 Recovery = 102.25%								
Fe 238.204†	13617.7	5081	ug/L	8.3	5081	ug/L	8.3	0.16%
QC value within limits for Fe 238.204 Recovery = 101.61%								
K 766.490†	358410.6	38650	ug/L	819.2	38650	ug/L	819.2	2.12%
QC value within limits for K 766.490 Recovery = 96.61%								
Mg 285.213†	194495.7	18160	ug/L	4.9	18160	ug/L	4.9	0.03%
QC value within limits for Mg 285.213 Recovery = 96.88%								
Mn 257.610†	155203.4	301.4	ug/L	0.05	301.4	ug/L	0.05	0.02%
QC value within limits for Mn 257.610 Recovery = 100.46%								
Mo 202.031†	2361.6	503.4	ug/L	3.85	503.4	ug/L	3.85	0.76%
QC value within limits for Mo 202.031 Recovery = 100.67%								
Na 589.592†	463918.5	40120	ug/L	876.6	40120	ug/L	876.6	2.19%
QC value within limits for Na 589.592 Recovery = 100.29%								
Ni 231.604†	3106.4	321.5	ug/L	3.34	321.5	ug/L	3.34	1.04%
QC value within limits for Ni 231.604 Recovery = 107.16%								
Pb 220.353†	677.0	304.7	ug/L	0.05	304.7	ug/L	0.05	0.02%
QC value within limits for Pb 220.353 Recovery = 101.57%								
Sb 206.836†	447.1	289.4	ug/L	5.20	289.4	ug/L	5.20	1.80%
QC value within limits for Sb 206.836 Recovery = 96.47%								
Se 196.026†	176.0	280.5	ug/L	3.12	280.5	ug/L	3.12	1.11%
QC value within limits for Se 196.026 Recovery = 93.51%								
V 311.071†	76759.7	294.5	ug/L	0.40	294.5	ug/L	0.40	0.14%
QC value within limits for V 311.071 Recovery = 98.16%								
Sn 189.927†	1035.7	507.2	ug/L	4.70	507.2	ug/L	4.70	0.93%
QC value within limits for Sn 189.927 Recovery = 101.43%								
Sr 421.552†	386618.8	523.9	ug/L	10.32	523.9	ug/L	10.32	1.97%
QC value within limits for Sr 421.552 Recovery = 104.79%								
Tl 190.801†	442.0	316.3	ug/L	1.46	316.3	ug/L	1.46	0.46%
QC value within limits for Tl 190.801 Recovery = 105.43%								
Zn 206.200†	3542.4	313.2	ug/L	2.79	313.2	ug/L	2.79	0.89%
QC value within limits for Zn 206.200 Recovery = 104.41%								
Ti 334.940†	428812.6	513.4	ug/L	0.86	513.4	ug/L	0.86	0.17%
QC value within limits for Ti 334.940 Recovery = 102.69%								
B 249.772†	21493.4	469.2	ug/L	1.11	469.2	ug/L	1.11	0.24%
QC value within limits for B 249.772 Recovery = 93.85%								
Cu 324.752†	96689.5	314.7	ug/L	0.98	314.7	ug/L	0.98	0.31%
QC value within limits for Cu 324.752 Recovery = 104.89%								
S 181.975†	2280.4	9870	ug/L	142.8	9870	ug/L	142.8	1.45%
QC value within limits for S 181.975 Recovery = 98.70%								
Zr 343.823†	108206.8	303.3	ug/L	0.00	303.3	ug/L	0.00	0.00%
QC value within limits for Zr 343.823 Recovery = 101.09%								

All analyte(s) passed QC.

Sequence No.: 33
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 12:59:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1002433.3	0.982	mg/L	0.0034				0.35%
Y (radial)	89369.6	0.996	mg/L	0.0029				0.29%
Ag 328.068†	-2.1	-0.012	ug/L	0.1529	-0.012	ug/L	0.1529	>999.9%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	104.3	11.57	ug/L	8.308	11.57	ug/L	8.308	71.79%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-1.1	-0.937	ug/L	10.9679	-0.937	ug/L	10.9679	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	13.8	0.193	ug/L	0.0129	0.193	ug/L	0.0129	6.72%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-5.0	-0.002	ug/L	0.0343	-0.002	ug/L	0.0343	>999.9%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	14.5	1.629	ug/L	0.8839	1.629	ug/L	0.8839	54.27%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	12.2	0.261	ug/L	0.0527	0.261	ug/L	0.0527	20.14%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-0.6	-0.029	ug/L	0.1214	-0.029	ug/L	0.1214	424.56%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	0.3	0.006	ug/L	0.0472	0.006	ug/L	0.0472	729.84%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	23.3	8.681	ug/L	1.2874	8.681	ug/L	1.2874	14.83%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-118.4	-12.76	ug/L	2.845	-12.76	ug/L	2.845	22.29%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	16.1	1.514	ug/L	0.4232	1.514	ug/L	0.4232	27.95%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	0.7	0.001	ug/L	0.0211	0.001	ug/L	0.0211	>999.9%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	3.8	0.803	ug/L	0.5150	0.803	ug/L	0.5150	64.12%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-214.2	-18.52	ug/L	2.690	-18.52	ug/L	2.690	14.52%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	7.8	0.802	ug/L	1.0377	0.802	ug/L	1.0377	129.46%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-3.2	-1.450	ug/L	5.2524	-1.450	ug/L	5.2524	362.18%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	6.3	4.091	ug/L	1.1053	4.091	ug/L	1.1053	27.02%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.2	0.304	ug/L	3.6917	0.304	ug/L	3.6917	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-65.0	-0.257	ug/L	0.2127	-0.257	ug/L	0.2127	82.74%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	8.8	4.281	ug/L	4.0166	4.281	ug/L	4.0166	93.82%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	13.3	0.018	ug/L	0.0384	0.018	ug/L	0.0384	213.26%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	2.2	1.538	ug/L	1.9093	1.538	ug/L	1.9093	124.11%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	7.1	0.624	ug/L	0.2749	0.624	ug/L	0.2749	44.09%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	134.9	0.162	ug/L	0.0305	0.162	ug/L	0.0305	18.91%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	75.8	1.695	ug/L	0.0723	1.695	ug/L	0.0723	4.27%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-20.1	-0.064	ug/L	0.2983	-0.064	ug/L	0.2983	466.93%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	1.7	7.034	ug/L	17.2379	7.034	ug/L	17.2379	245.05%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	62.5	0.175	ug/L	0.0022	0.175	ug/L	0.0022	1.27%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 34
Sample ID: 220-12091-a-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 5/6/2010 1:03:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12091-a-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	996556.1	0.976	mg/L	0.0149				1.52%
Y (radial)	94602.6	1.055	mg/L	0.0023				0.22%
Ag 328.068†	-777.6	0.291	ug/L	0.2916	0.291	ug/L	0.2916	100.13%
Al 396.153†	308547.7	34340	ug/L	55.8	34340	ug/L	55.8	0.16%
As 188.979†	13.2	16.57	ug/L	4.382	16.57	ug/L	4.382	26.45%
Ba 233.527†	29606.9	412.6	ug/L	0.45	412.6	ug/L	0.45	0.11%
Be 313.107†	-5689.0	2.411	ug/L	0.0637	2.411	ug/L	0.0637	2.64%
Ca 317.933†	63962.2	7163	ug/L	7.9	7163	ug/L	7.9	0.11%
Cd 214.440†	68.1	-0.691	ug/L	0.1602	-0.691	ug/L	0.1602	23.18%
Co 228.616†	1007.3	46.37	ug/L	1.708	46.37	ug/L	1.708	3.68%
Cr 267.716†	3847.1	95.48	ug/L	2.319	95.48	ug/L	2.319	2.43%
Fe 238.204†	184232.5	68670	ug/L	37.0	68670	ug/L	37.0	0.05%
K 766.490†	58549.7	6313	ug/L	16.3	6313	ug/L	16.3	0.26%
Mg 285.213†	200865.3	18810	ug/L	39.4	18810	ug/L	39.4	0.21%
Mn 257.610†	242030.4	470.4	ug/L	1.36	470.4	ug/L	1.36	0.29%
Mo 202.031†	-3.3	1.980	ug/L	1.2898	1.980	ug/L	1.2898	65.15%
Na 589.592†	38422.5	3322	ug/L	5.3	3322	ug/L	5.3	0.16%
Ni 231.604†	1421.4	147.0	ug/L	5.52	147.0	ug/L	5.52	3.76%
Pb 220.353†	145.0	60.21	ug/L	0.291	60.21	ug/L	0.291	0.48%
Sb 206.836†	4.0	1.506	ug/L	7.3111	1.506	ug/L	7.3111	485.40%
Se 196.026†	-13.7	23.37	ug/L	12.636	23.37	ug/L	12.636	54.08%
V 311.071†	35899.0	123.4	ug/L	0.25	123.4	ug/L	0.25	0.21%
Sn 189.927†	6.3	10.04	ug/L	3.971	10.04	ug/L	3.971	39.54%
Sr 421.552†	42520.8	57.62	ug/L	0.069	57.62	ug/L	0.069	0.12%
Tl 190.801†	-40.7	-6.598	ug/L	5.6880	-6.598	ug/L	5.6880	86.20%
Zn 206.200†	1985.4	174.9	ug/L	4.51	174.9	ug/L	4.51	2.58%
Ti 334.940†	1100882.5	1318	ug/L	2.7	1318	ug/L	2.7	0.20%
B 249.772†	13179.0	2.140	ug/L	7.4950	2.140	ug/L	7.4950	350.20%
Cu 324.752†	20519.2	77.17	ug/L	0.546	77.17	ug/L	0.546	0.71%
S 181.975†	6492.7	27770	ug/L	789.7	27770	ug/L	789.7	2.84%
Zr 343.823†	10967.4	26.96	ug/L	0.106	26.96	ug/L	0.106	0.39%

Sequence No.: 35
Sample ID: 220-12091-a-2-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 5/6/2010 1:06:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12091-a-2-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	993182.2	0.973	mg/L	0.0130				1.33%
Y (radial)	93886.0	1.047	mg/L	0.0102				0.97%
Ag 328.068†	-1067.8	0.056	ug/L	0.1008	0.056	ug/L	0.1008	179.73%
Al 396.153†	381092.1	42410	ug/L	7.7	42410	ug/L	7.7	0.02%
As 188.979†	-2.7	5.454	ug/L	0.1251	5.454	ug/L	0.1251	2.29%
Ba 233.527†	24774.4	344.8	ug/L	3.66	344.8	ug/L	3.66	1.06%
Be 313.107†	-18022.2	2.326	ug/L	0.0734	2.326	ug/L	0.0734	3.16%
Ca 317.933†	485749.9	54400	ug/L	106.8	54400	ug/L	106.8	0.20%
Cd 214.440†	76.3	-1.168	ug/L	0.4152	-1.168	ug/L	0.4152	35.55%
Co 228.616†	1037.3	43.74	ug/L	0.984	43.74	ug/L	0.984	2.25%
Cr 267.716†	4282.4	106.6	ug/L	2.37	106.6	ug/L	2.37	2.23%
Fe 238.204†	240133.7	89510	ug/L	170.9	89510	ug/L	170.9	0.19%
K 766.490†	118961.3	12830	ug/L	5.9	12830	ug/L	5.9	0.05%
Mg 285.213†	477793.1	44690	ug/L	22.7	44690	ug/L	22.7	0.05%
Mn 257.610†	768602.4	1495	ug/L	2.8	1495	ug/L	2.8	0.19%
Mo 202.031†	-22.0	-1.194	ug/L	1.7095	-1.194	ug/L	1.7095	143.17%
Na 589.592†	17581.8	1520	ug/L	6.8	1520	ug/L	6.8	0.45%
Ni 231.604†	1407.3	145.6	ug/L	2.76	145.6	ug/L	2.76	1.90%
Pb 220.353†	69.4	24.65	ug/L	7.464	24.65	ug/L	7.464	30.27%
Sb 206.836†	-9.2	-7.134	ug/L	4.2572	-7.134	ug/L	4.2572	59.68%
Se 196.026†	-53.9	-26.45	ug/L	16.242	-26.45	ug/L	16.242	61.40%
V 311.071†	44914.0	139.4	ug/L	1.75	139.4	ug/L	1.75	1.26%
Sn 189.927†	-33.4	-0.991	ug/L	0.0302	-0.991	ug/L	0.0302	3.05%
Sr 421.552†	76128.0	103.2	ug/L	0.09	103.2	ug/L	0.09	0.08%
Tl 190.801†	-65.2	-0.654	ug/L	1.6856	-0.654	ug/L	1.6856	257.85%
Zn 206.200†	2570.3	226.3	ug/L	4.97	226.3	ug/L	4.97	2.20%
Ti 334.940†	2404030.4	2879	ug/L	2.9	2879	ug/L	2.9	0.10%
B 249.772†	17103.7	1.095	ug/L	6.5368	1.095	ug/L	6.5368	597.05%
Cu 324.752†	31444.7	115.8	ug/L	1.36	115.8	ug/L	1.36	1.18%
S 181.975†	-437.7	-1417	ug/L	28.0	-1417	ug/L	28.0	1.98%
Zr 343.823†	7835.2	17.02	ug/L	0.046	17.02	ug/L	0.046	0.27%

Sequence No.: 36
Sample ID: 220-12091-a-3-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 5/6/2010 1:09:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12091-a-3-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	990961.7	0.971	mg/L	0.0033				0.34%
Y (radial)	93411.1	1.041	mg/L	0.0057				0.54%
Ag 328.068†	-884.2	0.186	ug/L	0.2739	0.186	ug/L	0.2739	147.17%
Al 396.153†	335301.5	37310	ug/L	22.5	37310	ug/L	22.5	0.06%
As 188.979†	2.6	8.490	ug/L	1.6353	8.490	ug/L	1.6353	19.26%
Ba 233.527†	22903.8	318.8	ug/L	1.68	318.8	ug/L	1.68	0.53%
Be 313.107†	-20427.9	1.893	ug/L	0.0533	1.893	ug/L	0.0533	2.82%
Ca 317.933†	436074.8	48830	ug/L	48.7	48830	ug/L	48.7	0.10%
Cd 214.440†	56.8	-1.163	ug/L	0.0206	-1.163	ug/L	0.0206	1.77%
Co 228.616†	911.0	37.24	ug/L	0.908	37.24	ug/L	0.908	2.44%
Cr 267.716†	3573.9	88.99	ug/L	0.626	88.99	ug/L	0.626	0.70%
Fe 238.204†	203866.9	75990	ug/L	186.0	75990	ug/L	186.0	0.24%
K 766.490†	123012.7	13260	ug/L	29.8	13260	ug/L	29.8	0.22%
Mg 285.213†	425894.5	39830	ug/L	20.1	39830	ug/L	20.1	0.05%
Mn 257.610†	741820.2	1443	ug/L	4.7	1443	ug/L	4.7	0.33%
Mo 202.031†	-11.3	0.564	ug/L	0.8261	0.564	ug/L	0.8261	146.56%
Na 589.592†	15846.9	1370	ug/L	3.6	1370	ug/L	3.6	0.26%
Ni 231.604†	1420.5	146.9	ug/L	3.28	146.9	ug/L	3.28	2.23%
Pb 220.353†	46.3	15.41	ug/L	5.667	15.41	ug/L	5.667	36.78%
Sb 206.836†	-8.4	-6.428	ug/L	8.3738	-6.428	ug/L	8.3738	130.26%
Se 196.026†	-44.2	-19.86	ug/L	28.555	-19.86	ug/L	28.555	143.75%
V 311.071†	39458.2	115.9	ug/L	0.58	115.9	ug/L	0.58	0.50%
Sn 189.927†	-34.2	-0.306	ug/L	3.4662	-0.306	ug/L	3.4662	>999.9%
Sr 421.552†	70075.3	94.96	ug/L	0.057	94.96	ug/L	0.057	0.06%
Tl 190.801†	-76.6	-6.427	ug/L	11.2754	-6.427	ug/L	11.2754	175.43%
Zn 206.200†	2091.2	184.1	ug/L	1.40	184.1	ug/L	1.40	0.76%
Ti 334.940†	2573365.3	3081	ug/L	6.4	3081	ug/L	6.4	0.21%
B 249.772†	14077.2	-9.206	ug/L	4.4575	-9.206	ug/L	4.4575	48.42%
Cu 324.752†	29630.5	107.9	ug/L	0.36	107.9	ug/L	0.36	0.34%
S 181.975†	-419.6	-1388	ug/L	59.1	-1388	ug/L	59.1	4.26%
Zr 343.823†	6474.0	13.95	ug/L	0.237	13.95	ug/L	0.237	1.70%

Sequence No.: 37
Sample ID: 220-12096-a-1-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 5/6/2010 1:12:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12096-a-1-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1003628.0	0.983	mg/L	0.0059				0.60%
Y (radial)	92431.0	1.030	mg/L	0.0022				0.21%
Ag 328.068†	-842.5	0.799	ug/L	0.0102	0.799	ug/L	0.0102	1.28%
Al 396.153†	254692.4	28340	ug/L	5.4	28340	ug/L	5.4	0.02%
As 188.979†	1.6	8.909	ug/L	0.4377	8.909	ug/L	0.4377	4.91%
Ba 233.527†	26093.4	363.2	ug/L	5.52	363.2	ug/L	5.52	1.52%
Be 313.107†	-11047.9	1.977	ug/L	0.0755	1.977	ug/L	0.0755	3.82%
Ca 317.933†	79212.1	8871	ug/L	63.3	8871	ug/L	63.3	0.71%
Cd 214.440†	91.9	-0.628	ug/L	0.1496	-0.628	ug/L	0.1496	23.82%
Co 228.616†	756.4	31.79	ug/L	0.416	31.79	ug/L	0.416	1.31%
Cr 267.716†	3380.3	84.41	ug/L	0.641	84.41	ug/L	0.641	0.76%
Fe 238.204†	222462.7	82920	ug/L	385.4	82920	ug/L	385.4	0.46%
K 766.490†	55763.1	6013	ug/L	29.0	6013	ug/L	29.0	0.48%
Mg 285.213†	272052.7	25470	ug/L	10.6	25470	ug/L	10.6	0.04%
Mn 257.610†	1095982.1	2133	ug/L	0.6	2133	ug/L	0.6	0.03%
Mo 202.031†	-17.9	-0.579	ug/L	1.8037	-0.579	ug/L	1.8037	311.73%
Na 589.592†	8355.8	722.5	ug/L	3.63	722.5	ug/L	3.63	0.50%
Ni 231.604†	1437.0	148.6	ug/L	2.10	148.6	ug/L	2.10	1.41%
Pb 220.353†	63.4	21.31	ug/L	4.789	21.31	ug/L	4.789	22.48%
Sb 206.836†	0.4	-0.697	ug/L	2.7791	-0.697	ug/L	2.7791	398.97%
Se 196.026†	-31.5	3.431	ug/L	13.0867	3.431	ug/L	13.0867	381.45%
V 311.071†	33314.7	106.0	ug/L	2.07	106.0	ug/L	2.07	1.95%
Sn 189.927†	-5.1	7.571	ug/L	0.3838	7.571	ug/L	0.3838	5.07%
Sr 421.552†	27161.5	36.81	ug/L	0.029	36.81	ug/L	0.029	0.08%
Tl 190.801†	-45.2	-0.793	ug/L	1.8079	-0.793	ug/L	1.8079	227.95%
Zn 206.200†	1900.3	167.3	ug/L	3.17	167.3	ug/L	3.17	1.90%
Ti 334.940†	1586109.9	1899	ug/L	2.8	1899	ug/L	2.8	0.15%
B 249.772†	15554.6	-5.626	ug/L	3.9549	-5.626	ug/L	3.9549	70.29%
Cu 324.752†	18993.1	74.40	ug/L	1.522	74.40	ug/L	1.522	2.05%
S 181.975†	-283.6	-952.7	ug/L	28.20	-952.7	ug/L	28.20	2.96%
Zr 343.823†	6615.1	13.96	ug/L	0.381	13.96	ug/L	0.381	2.73%

Sequence No.: 38
Sample ID: 220-12096-a-2-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 5/6/2010 1:15:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12096-a-2-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1000978.7	0.980	mg/L	0.0115				1.17%
Y (radial)	92897.8	1.036	mg/L	0.0066				0.64%
Ag 328.068†	-731.8	0.065	ug/L	0.1312	0.065	ug/L	0.1312	201.43%
Al 396.153†	259680.9	28900	ug/L	86.4	28900	ug/L	86.4	0.30%
As 188.979†	13.0	15.93	ug/L	1.016	15.93	ug/L	1.016	6.38%
Ba 233.527†	18609.1	259.0	ug/L	0.72	259.0	ug/L	0.72	0.28%
Be 313.107†	-7531.3	1.759	ug/L	0.0039	1.759	ug/L	0.0039	0.22%
Ca 317.933†	89088.4	9977	ug/L	15.7	9977	ug/L	15.7	0.16%
Cd 214.440†	84.5	-0.142	ug/L	0.2698	-0.142	ug/L	0.2698	189.90%
Co 228.616†	659.9	28.64	ug/L	0.233	28.64	ug/L	0.233	0.82%
Cr 267.716†	2599.2	64.88	ug/L	1.504	64.88	ug/L	1.504	2.32%
Fe 238.204†	167316.7	62370	ug/L	24.2	62370	ug/L	24.2	0.04%
K 766.490†	52710.8	5684	ug/L	16.9	5684	ug/L	16.9	0.30%
Mg 285.213†	205669.1	19260	ug/L	54.7	19260	ug/L	54.7	0.28%
Mn 257.610†	1004325.0	1955	ug/L	3.4	1955	ug/L	3.4	0.17%
Mo 202.031†	-1.9	2.027	ug/L	0.0160	2.027	ug/L	0.0160	0.79%
Na 589.592†	9539.0	824.9	ug/L	7.51	824.9	ug/L	7.51	0.91%
Ni 231.604†	1327.6	137.3	ug/L	2.13	137.3	ug/L	2.13	1.55%
Pb 220.353†	73.2	28.26	ug/L	7.859	28.26	ug/L	7.859	27.81%
Sb 206.836†	-2.9	-2.605	ug/L	2.0236	-2.605	ug/L	2.0236	77.69%
Se 196.026†	-26.3	-0.864	ug/L	9.3733	-0.864	ug/L	9.3733	>999.9%
V 311.071†	26823.7	87.03	ug/L	0.180	87.03	ug/L	0.180	0.21%
Sn 189.927†	-15.7	-0.260	ug/L	1.2474	-0.260	ug/L	1.2474	480.61%
Sr 421.552†	37514.8	50.84	ug/L	0.137	50.84	ug/L	0.137	0.27%
Tl 190.801†	-32.4	0.019	ug/L	5.7383	0.019	ug/L	5.7383	>999.9%
Zn 206.200†	2215.9	194.9	ug/L	3.90	194.9	ug/L	3.90	2.00%
Ti 334.940†	1165130.4	1395	ug/L	2.2	1395	ug/L	2.2	0.16%
B 249.772†	11851.0	-0.752	ug/L	4.6615	-0.752	ug/L	4.6615	619.93%
Cu 324.752†	22177.9	81.58	ug/L	0.257	81.58	ug/L	0.257	0.32%
S 181.975†	-283.6	-1014	ug/L	16.4	-1014	ug/L	16.4	1.62%
Zr 343.823†	8608.6	20.69	ug/L	0.035	20.69	ug/L	0.035	0.17%

Sequence No.: 39
Sample ID: 220-12096-a-3-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 5/6/2010 1:18:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12096-a-3-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	969928.2	0.950	mg/L	0.0053				0.56%
Y (radial)	92947.9	1.036	mg/L	0.0037				0.35%
Ag 328.068†	-939.1	0.519	ug/L	0.0928	0.519	ug/L	0.0928	17.88%
Al 396.153†	434910.4	48400	ug/L	590.2	48400	ug/L	590.2	1.22%
As 188.979†	21.9	24.73	ug/L	11.325	24.73	ug/L	11.325	45.79%
Ba 233.527†	46498.5	648.3	ug/L	3.90	648.3	ug/L	3.90	0.60%
Be 313.107†	-10697.7	2.401	ug/L	0.0638	2.401	ug/L	0.0638	2.66%
Ca 317.933†	982569.0	110000	ug/L	1843.4	110000	ug/L	1843.4	1.68%
Cd 214.440†	133.5	0.199	ug/L	0.1257	0.199	ug/L	0.1257	63.29%
Co 228.616†	924.6	40.20	ug/L	0.592	40.20	ug/L	0.592	1.47%
Cr 267.716†	4692.5	116.5	ug/L	0.75	116.5	ug/L	0.75	0.65%
Fe 238.204†	228027.8	84990	ug/L	78.5	84990	ug/L	78.5	0.09%
K 766.490†	66927.2	7216	ug/L	4.9	7216	ug/L	4.9	0.07%
Mg 285.213†	443448.6	41480	ug/L	34.6	41480	ug/L	34.6	0.08%
Mn 257.610†	909740.4	1770	ug/L	1.6	1770	ug/L	1.6	0.09%
Mo 202.031†	-3.8	2.506	ug/L	2.3715	2.506	ug/L	2.3715	94.62%
Na 589.592†	19238.3	1664	ug/L	1.6	1664	ug/L	1.6	0.10%
Ni 231.604†	1768.6	182.9	ug/L	1.43	182.9	ug/L	1.43	0.78%
Pb 220.353†	2454.1	1094	ug/L	2.9	1094	ug/L	2.9	0.26%
Sb 206.836†	3.0	0.617	ug/L	3.3096	0.617	ug/L	3.3096	536.53%
Se 196.026†	-44.4	-13.62	ug/L	1.063	-13.62	ug/L	1.063	7.80%
V 311.071†	47208.6	159.5	ug/L	0.68	159.5	ug/L	0.68	0.43%
Sn 189.927†	17.9	19.09	ug/L	1.635	19.09	ug/L	1.635	8.57%
Sr 421.552†	305879.1	414.5	ug/L	0.63	414.5	ug/L	0.63	0.15%
Tl 190.801†	-55.6	-7.131	ug/L	6.6461	-7.131	ug/L	6.6461	93.20%
Zn 206.200†	8508.8	747.1	ug/L	5.86	747.1	ug/L	5.86	0.78%
Ti 334.940†	1635008.6	1958	ug/L	1.9	1958	ug/L	1.9	0.10%
B 249.772†	16798.9	13.78	ug/L	2.928	13.78	ug/L	2.928	21.24%
Cu 324.752†	74767.8	255.8	ug/L	0.13	255.8	ug/L	0.13	0.05%
S 181.975†	793.3	3782	ug/L	68.1	3782	ug/L	68.1	1.80%
Zr 343.823†	10528.9	24.83	ug/L	0.975	24.83	ug/L	0.975	3.93%

Sequence No.: 40
Sample ID: 220-12096-a-4-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 5/6/2010 1:21:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12096-a-4-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1006398.3	0.986	mg/L	0.0051				0.52%
Y (radial)	93808.6	1.046	mg/L	0.0003				0.03%
Ag 328.068†	-883.4	1.054	ug/L	0.1062	1.054	ug/L	0.1062	10.07%
Al 396.153†	563275.2	62690	ug/L	483.9	62690	ug/L	483.9	0.77%
As 188.979†	14.2	18.11	ug/L	2.740	18.11	ug/L	2.740	15.13%
Ba 233.527†	37072.4	516.6	ug/L	6.31	516.6	ug/L	6.31	1.22%
Be 313.107†	-10946.5	2.667	ug/L	0.0336	2.667	ug/L	0.0336	1.26%
Ca 317.933†	212256.3	23770	ug/L	24.9	23770	ug/L	24.9	0.10%
Cd 214.440†	173.7	0.933	ug/L	0.0201	0.933	ug/L	0.0201	2.16%
Co 228.616†	850.1	36.04	ug/L	0.461	36.04	ug/L	0.461	1.28%
Cr 267.716†	4998.2	124.0	ug/L	0.71	124.0	ug/L	0.71	0.57%
Fe 238.204†	238939.3	89060	ug/L	116.4	89060	ug/L	116.4	0.13%
K 766.490†	57489.4	6199	ug/L	12.5	6199	ug/L	12.5	0.20%
Mg 285.213†	188218.5	17650	ug/L	11.1	17650	ug/L	11.1	0.06%
Mn 257.610†	765997.9	1491	ug/L	0.7	1491	ug/L	0.7	0.05%
Mo 202.031†	3.7	4.271	ug/L	0.5738	4.271	ug/L	0.5738	13.44%
Na 589.592†	6554.3	566.8	ug/L	7.94	566.8	ug/L	7.94	1.40%
Ni 231.604†	1152.4	119.2	ug/L	0.00	119.2	ug/L	0.00	0.00%
Pb 220.353†	1665.5	741.6	ug/L	14.66	741.6	ug/L	14.66	1.98%
Sb 206.836†	-3.2	-3.506	ug/L	9.3591	-3.506	ug/L	9.3591	266.93%
Se 196.026†	-58.4	-31.86	ug/L	7.506	-31.86	ug/L	7.506	23.56%
V 311.071†	43615.3	144.5	ug/L	1.08	144.5	ug/L	1.08	0.75%
Sn 189.927†	10.3	15.93	ug/L	3.181	15.93	ug/L	3.181	19.98%
Sr 421.552†	91612.8	124.1	ug/L	0.22	124.1	ug/L	0.22	0.18%
Tl 190.801†	-54.3	-4.639	ug/L	1.6280	-4.639	ug/L	1.6280	35.09%
Zn 206.200†	7616.9	669.0	ug/L	2.00	669.0	ug/L	2.00	0.30%
Ti 334.940†	1716038.6	2055	ug/L	1.0	2055	ug/L	1.0	0.05%
B 249.772†	16490.5	-10.98	ug/L	5.119	-10.98	ug/L	5.119	46.61%
Cu 324.752†	54164.3	189.5	ug/L	0.92	189.5	ug/L	0.92	0.48%
S 181.975†	101.3	604.9	ug/L	83.48	604.9	ug/L	83.48	13.80%
Zr 343.823†	3804.6	5.738	ug/L	0.1431	5.738	ug/L	0.1431	2.49%

Sequence No.: 44
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 1:35:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	939528.8	0.920	mg/L	0.0035				0.38%
Y (radial)	88416.6	0.986	mg/L	0.0246				2.49%
Ag 328.068†	51631.6	291.7	ug/L	0.57	291.7	ug/L	0.57	0.20%
QC value within limits for Ag 328.068 Recovery = 97.24%								
Al 396.153†	46174.3	5119	ug/L	2.9	5119	ug/L	2.9	0.06%
QC value within limits for Al 396.153 Recovery = 96.59%								
As 188.979†	357.6	291.7	ug/L	2.60	291.7	ug/L	2.60	0.89%
QC value within limits for As 188.979 Recovery = 97.24%								
Ba 233.527†	21610.4	302.4	ug/L	0.82	302.4	ug/L	0.82	0.27%
QC value within limits for Ba 233.527 Recovery = 100.80%								
Be 313.107†	575950.0	304.5	ug/L	0.10	304.5	ug/L	0.10	0.03%
QC value within limits for Be 313.107 Recovery = 101.51%								
Ca 317.933†	158329.4	17730	ug/L	1.5	17730	ug/L	1.5	0.01%
QC value within limits for Ca 317.933 Recovery = 94.56%								
Cd 214.440†	13984.4	299.6	ug/L	3.61	299.6	ug/L	3.61	1.21%
QC value within limits for Cd 214.440 Recovery = 99.85%								
Co 228.616†	6294.9	321.0	ug/L	2.85	321.0	ug/L	2.85	0.89%
QC value within limits for Co 228.616 Recovery = 107.01%								
Cr 267.716†	12483.6	304.8	ug/L	3.66	304.8	ug/L	3.66	1.20%
QC value within limits for Cr 267.716 Recovery = 101.60%								
Fe 238.204†	13415.3	5005	ug/L	10.6	5005	ug/L	10.6	0.21%
QC value within limits for Fe 238.204 Recovery = 100.10%								
K 766.490†	358352.4	38640	ug/L	712.9	38640	ug/L	712.9	1.84%
QC value within limits for K 766.490 Recovery = 96.60%								
Mg 285.213†	194680.4	18180	ug/L	21.2	18180	ug/L	21.2	0.12%
QC value within limits for Mg 285.213 Recovery = 96.97%								
Mn 257.610†	154719.1	300.4	ug/L	0.40	300.4	ug/L	0.40	0.13%
QC value within limits for Mn 257.610 Recovery = 100.15%								
Mo 202.031†	2373.2	505.8	ug/L	4.56	505.8	ug/L	4.56	0.90%
QC value within limits for Mo 202.031 Recovery = 101.17%								
Na 589.592†	453601.7	39220	ug/L	733.5	39220	ug/L	733.5	1.87%
QC value within limits for Na 589.592 Recovery = 98.06%								
Ni 231.604†	3095.1	320.3	ug/L	2.32	320.3	ug/L	2.32	0.72%
QC value within limits for Ni 231.604 Recovery = 106.77%								
Pb 220.353†	676.9	304.7	ug/L	9.10	304.7	ug/L	9.10	2.99%
QC value within limits for Pb 220.353 Recovery = 101.56%								
Sb 206.836†	448.2	290.2	ug/L	5.06	290.2	ug/L	5.06	1.74%
QC value within limits for Sb 206.836 Recovery = 96.73%								
Se 196.026†	179.3	285.6	ug/L	19.94	285.6	ug/L	19.94	6.98%
QC value within limits for Se 196.026 Recovery = 95.21%								
V 311.071†	76488.3	293.4	ug/L	0.18	293.4	ug/L	0.18	0.06%
QC value within limits for V 311.071 Recovery = 97.81%								
Sn 189.927†	1044.5	511.4	ug/L	0.29	511.4	ug/L	0.29	0.06%
QC value within limits for Sn 189.927 Recovery = 102.29%								
Sr 421.552†	377870.8	512.1	ug/L	9.62	512.1	ug/L	9.62	1.88%
QC value within limits for Sr 421.552 Recovery = 102.41%								
Tl 190.801†	429.6	307.6	ug/L	6.01	307.6	ug/L	6.01	1.96%
QC value within limits for Tl 190.801 Recovery = 102.53%								
Zn 206.200†	3530.4	312.2	ug/L	3.79	312.2	ug/L	3.79	1.21%
QC value within limits for Zn 206.200 Recovery = 104.06%								
Ti 334.940†	427858.9	512.3	ug/L	0.21	512.3	ug/L	0.21	0.04%
QC value within limits for Ti 334.940 Recovery = 102.46%								
B 249.772†	21397.3	467.4	ug/L	1.04	467.4	ug/L	1.04	0.22%
QC value within limits for B 249.772 Recovery = 93.47%								
Cu 324.752†	96218.6	313.1	ug/L	0.73	313.1	ug/L	0.73	0.23%
QC value within limits for Cu 324.752 Recovery = 104.38%								
S 181.975†	2296.6	9939	ug/L	70.0	9939	ug/L	70.0	0.70%
QC value within limits for S 181.975 Recovery = 99.39%								
Zr 343.823†	110904.3	310.8	ug/L	0.91	310.8	ug/L	0.91	0.29%
QC value within limits for Zr 343.823 Recovery = 103.61%								

All analyte(s) passed QC.

Sequence No.: 45
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 1:39:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1018073.9	0.997	mg/L	0.0118				1.18%
Y (radial)	91631.8	1.022	mg/L	0.0038				0.37%
Ag 328.068†	40.1	0.224	ug/L	0.0178	0.224	ug/L	0.0178	7.94%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	193.4	21.52	ug/L	4.858	21.52	ug/L	4.858	22.58%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-1.1	-0.862	ug/L	0.0961	-0.862	ug/L	0.0961	11.14%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	9.6	0.132	ug/L	0.0677	0.132	ug/L	0.0677	51.15%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	3.4	0.002	ug/L	0.0317	0.002	ug/L	0.0317	>999.9%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-38.2	-4.283	ug/L	0.9768	-4.283	ug/L	0.9768	22.81%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	8.1	0.174	ug/L	0.2073	0.174	ug/L	0.2073	119.23%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-1.2	-0.060	ug/L	0.5594	-0.060	ug/L	0.5594	932.54%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	7.0	0.171	ug/L	0.1954	0.171	ug/L	0.1954	114.55%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	0.0	0.016	ug/L	1.1985	0.016	ug/L	1.1985	>999.9%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-4.9	-0.529	ug/L	6.0847	-0.529	ug/L	6.0847	>999.9%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	16.2	1.514	ug/L	1.1751	1.514	ug/L	1.1751	77.60%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-19.3	-0.038	ug/L	0.0155	-0.038	ug/L	0.0155	41.09%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	1.0	0.213	ug/L	0.2598	0.213	ug/L	0.2598	122.23%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-207.9	-17.98	ug/L	4.798	-17.98	ug/L	4.798	26.69%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	3.5	0.357	ug/L	0.4952	0.357	ug/L	0.4952	138.60%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-3.0	-1.338	ug/L	2.8203	-1.338	ug/L	2.8203	210.83%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	6.0	3.889	ug/L	3.2870	3.889	ug/L	3.2870	84.53%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	5.2	8.250	ug/L	0.5367	8.250	ug/L	0.5367	6.50%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-181.4	-0.713	ug/L	0.5714	-0.713	ug/L	0.5714	80.11%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	6.6	3.234	ug/L	3.0007	3.234	ug/L	3.0007	92.80%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-11.6	-0.016	ug/L	0.0444	-0.016	ug/L	0.0444	281.95%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.6	-1.149	ug/L	1.5499	-1.149	ug/L	1.5499	134.83%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	4.0	0.349	ug/L	0.0228	0.349	ug/L	0.0228	6.54%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	137.3	0.164	ug/L	0.0034	0.164	ug/L	0.0034	2.09%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	-48.7	-1.114	ug/L	0.0740	-1.114	ug/L	0.0740	6.65%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-68.9	-0.224	ug/L	0.5069	-0.224	ug/L	0.5069	226.51%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	6.7	28.58	ug/L	9.291	28.58	ug/L	9.291	32.51%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	126.3	0.354	ug/L	0.1006	0.354	ug/L	0.1006	28.42%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 46
Sample ID: 220-11999-e-8-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 5/6/2010 1:42:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-11999-e-8-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	913528.1	0.895	mg/L	0.0037				0.42%
Y (radial)	86335.5	0.962	mg/L	0.0073				0.75%
Ag 328.068†	-2.0	1.165	ug/L	0.0513	1.165	ug/L	0.0513	4.41%
Al 396.153†	-365.3	-40.52	ug/L	1.976	-40.52	ug/L	1.976	4.88%
As 188.979†	50.2	42.89	ug/L	5.963	42.89	ug/L	5.963	13.90%
Ba 233.527†	19683.1	274.6	ug/L	2.32	274.6	ug/L	2.32	0.84%
Be 313.107†	-294.2	-0.172	ug/L	0.0032	-0.172	ug/L	0.0032	1.88%
Ca 317.933†	1867603.4	209100	ug/L	1972.3	209100	ug/L	1972.3	0.94%
Cd 214.440†	-30.5	-1.228	ug/L	0.2281	-1.228	ug/L	0.2281	18.58%
Co 228.616†	85.5	3.806	ug/L	0.0283	3.806	ug/L	0.0283	0.74%
Cr 267.716†	90.3	2.621	ug/L	0.0542	2.621	ug/L	0.0542	2.07%
Fe 238.204†	49141.2	18320	ug/L	58.5	18320	ug/L	58.5	0.32%
K 766.490†	697819.8	75240	ug/L	828.2	75240	ug/L	828.2	1.10%
Mg 285.213†	918464.8	85770	ug/L	972.9	85770	ug/L	972.9	1.13%
Mn 257.610†	3849216.7	7491	ug/L	29.7	7491	ug/L	29.7	0.40%
Mo 202.031†	-16.0	-2.683	ug/L	1.8213	-2.683	ug/L	1.8213	67.87%
Na 589.592†	1338462.6	115700	ug/L	1573.9	115700	ug/L	1573.9	1.36%
Ni 231.604†	181.7	18.79	ug/L	0.428	18.79	ug/L	0.428	2.27%
Pb 220.353†	-9.2	-6.365	ug/L	7.8996	-6.365	ug/L	7.8996	124.11%
Sb 206.836†	-3.0	-1.962	ug/L	1.9472	-1.962	ug/L	1.9472	99.23%
Se 196.026†	-33.4	-41.41	ug/L	0.747	-41.41	ug/L	0.747	1.80%
V 311.071†	2381.5	7.561	ug/L	0.2565	7.561	ug/L	0.2565	3.39%
Sn 189.927†	-5.3	-2.621	ug/L	0.7759	-2.621	ug/L	0.7759	29.60%
Sr 421.552†	713748.9	967.2	ug/L	12.45	967.2	ug/L	12.45	1.29%
Tl 190.801†	-20.3	-13.43	ug/L	7.638	-13.43	ug/L	7.638	56.88%
Zn 206.200†	78.4	6.891	ug/L	0.1720	6.891	ug/L	0.1720	2.50%
Ti 334.940†	-3575.8	-4.282	ug/L	0.0871	-4.282	ug/L	0.0871	2.03%
B 249.772†	123378.9	2741	ug/L	53.7	2741	ug/L	53.7	1.96%
Cu 324.752†	83.1	3.085	ug/L	0.3389	3.085	ug/L	0.3389	10.98%
S 181.975†	5938.8	26090	ug/L	219.6	26090	ug/L	219.6	0.84%
Zr 343.823†	679.0	0.890	ug/L	0.0363	0.890	ug/L	0.0363	4.08%

Sequence No.: 47
Sample ID: 220-11999-e-9-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 5/6/2010 1:46:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-11999-e-9-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	939325.7	0.920	mg/L	0.0055				0.60%
Y (radial)	88594.6	0.988	mg/L	0.0045				0.45%
Ag 328.068†	123.2	1.059	ug/L	0.0580	1.059	ug/L	0.0580	5.47%
Al 396.153†	-269.6	-29.93	ug/L	7.280	-29.93	ug/L	7.280	24.33%
As 188.979†	17.7	15.02	ug/L	2.263	15.02	ug/L	2.263	15.07%
Ba 233.527†	19202.9	268.2	ug/L	0.60	268.2	ug/L	0.60	0.22%
Be 313.107†	-308.7	-0.181	ug/L	0.0080	-0.181	ug/L	0.0080	4.40%
Ca 317.933†	1945751.7	217900	ug/L	194.6	217900	ug/L	194.6	0.09%
Cd 214.440†	15.2	0.152	ug/L	0.3317	0.152	ug/L	0.3317	218.16%
Co 228.616†	103.4	5.121	ug/L	0.5859	5.121	ug/L	0.5859	11.44%
Cr 267.716†	84.1	2.182	ug/L	0.3956	2.182	ug/L	0.3956	18.13%
Fe 238.204†	14818.0	5523	ug/L	35.1	5523	ug/L	35.1	0.64%
K 766.490†	590303.0	63650	ug/L	181.5	63650	ug/L	181.5	0.29%
Mg 285.213†	800042.4	74710	ug/L	4.3	74710	ug/L	4.3	0.01%
Mn 257.610†	4223013.0	8219	ug/L	17.7	8219	ug/L	17.7	0.22%
Mo 202.031†	-9.7	-1.842	ug/L	0.0498	-1.842	ug/L	0.0498	2.71%
Na 589.592†	809227.6	69980	ug/L	80.9	69980	ug/L	80.9	0.12%
Ni 231.604†	260.9	26.98	ug/L	0.435	26.98	ug/L	0.435	1.61%
Pb 220.353†	-16.7	-8.154	ug/L	3.1476	-8.154	ug/L	3.1476	38.60%
Sb 206.836†	-2.2	-1.479	ug/L	6.4553	-1.479	ug/L	6.4553	436.61%
Se 196.026†	-29.6	-43.16	ug/L	0.734	-43.16	ug/L	0.734	1.70%
V 311.071†	1857.4	5.950	ug/L	0.7248	5.950	ug/L	0.7248	12.18%
Sn 189.927†	-28.3	-13.82	ug/L	5.927	-13.82	ug/L	5.927	42.88%
Sr 421.552†	735332.9	996.5	ug/L	0.48	996.5	ug/L	0.48	0.05%
Tl 190.801†	-2.6	-1.611	ug/L	0.8315	-1.611	ug/L	0.8315	51.61%
Zn 206.200†	573.8	50.33	ug/L	1.362	50.33	ug/L	1.362	2.71%
Ti 334.940†	-3883.8	-4.650	ug/L	0.0099	-4.650	ug/L	0.0099	0.21%
B 249.772†	104202.6	2358	ug/L	1.2	2358	ug/L	1.2	0.05%
Cu 324.752†	191.2	1.470	ug/L	0.3845	1.470	ug/L	0.3845	26.16%
S 181.975†	5268.3	23130	ug/L	105.7	23130	ug/L	105.7	0.46%
Zr 343.823†	249.7	0.395	ug/L	0.1650	0.395	ug/L	0.1650	41.82%

Sequence No.: 48
Sample ID: 220-11999-e-10-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 70
Date Collected: 5/6/2010 1:49:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-11999-e-10-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	945508.8	0.926	mg/L	0.0090				0.97%
Y (radial)	89664.6	1.000	mg/L	0.0051				0.51%
Ag 328.068†	12.5	0.115	ug/L	0.1731	0.115	ug/L	0.1731	151.10%
Al 396.153†	-249.2	-27.71	ug/L	2.546	-27.71	ug/L	2.546	9.19%
As 188.979†	1.8	1.514	ug/L	1.4510	1.514	ug/L	1.4510	95.86%
Ba 233.527†	5245.9	73.27	ug/L	0.499	73.27	ug/L	0.499	0.68%
Be 313.107†	-317.3	-0.171	ug/L	0.0157	-0.171	ug/L	0.0157	9.18%
Ca 317.933†	311273.2	34860	ug/L	48.5	34860	ug/L	48.5	0.14%
Cd 214.440†	67.5	1.428	ug/L	0.2341	1.428	ug/L	0.2341	16.39%
Co 228.616†	19.7	0.991	ug/L	0.2591	0.991	ug/L	0.2591	26.15%
Cr 267.716†	4.8	0.132	ug/L	0.0785	0.132	ug/L	0.0785	59.37%
Fe 238.204†	1639.2	611.0	ug/L	2.47	611.0	ug/L	2.47	0.40%
K 766.490†	70726.4	7626	ug/L	8.3	7626	ug/L	8.3	0.11%
Mg 285.213†	140600.7	13130	ug/L	30.2	13130	ug/L	30.2	0.23%
Mn 257.610†	231170.1	449.5	ug/L	0.45	449.5	ug/L	0.45	0.10%
Mo 202.031†	-2.4	-0.498	ug/L	0.6274	-0.498	ug/L	0.6274	126.08%
Na 589.592†	227874.1	19700	ug/L	88.7	19700	ug/L	88.7	0.45%
Ni 231.604†	214.4	22.17	ug/L	0.194	22.17	ug/L	0.194	0.87%
Pb 220.353†	-8.3	-3.796	ug/L	2.6946	-3.796	ug/L	2.6946	70.98%
Sb 206.836†	-3.8	-2.485	ug/L	2.4083	-2.485	ug/L	2.4083	96.90%
Se 196.026†	-4.2	-6.298	ug/L	12.9667	-6.298	ug/L	12.9667	205.87%
V 311.071†	587.4	2.078	ug/L	0.1828	2.078	ug/L	0.1828	8.80%
Sn 189.927†	-11.5	-5.597	ug/L	1.3610	-5.597	ug/L	1.3610	24.32%
Sr 421.552†	126383.8	171.3	ug/L	0.16	171.3	ug/L	0.16	0.10%
Tl 190.801†	-8.9	-6.201	ug/L	5.1421	-6.201	ug/L	5.1421	82.93%
Zn 206.200†	1484.6	130.2	ug/L	0.93	130.2	ug/L	0.93	0.72%
Ti 334.940†	-850.8	-1.019	ug/L	0.0088	-1.019	ug/L	0.0088	0.87%
B 249.772†	16007.1	363.3	ug/L	1.88	363.3	ug/L	1.88	0.52%
Cu 324.752†	2966.9	9.726	ug/L	0.2665	9.726	ug/L	0.2665	2.74%
S 181.975†	1819.3	7861	ug/L	56.7	7861	ug/L	56.7	0.72%
Zr 343.823†	71.3	0.166	ug/L	0.1240	0.166	ug/L	0.1240	74.65%

Sequence No.: 49
Sample ID: 220-11999-e-11-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 5/6/2010 1:52:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-11999-e-11-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	982105.9	0.962	mg/L	0.0053				0.55%
Y (radial)	88732.5	0.989	mg/L	0.0119				1.20%
Ag 328.068†	2.3	0.014	ug/L	0.1868	0.014	ug/L	0.1868	>999.9%
Al 396.153†	-55.2	-6.157	ug/L	2.3941	-6.157	ug/L	2.3941	38.88%
As 188.979†	-3.1	-2.553	ug/L	2.9687	-2.553	ug/L	2.9687	116.28%
Ba 233.527†	5.4	0.075	ug/L	0.0688	0.075	ug/L	0.0688	91.52%
Be 313.107†	-68.9	-0.037	ug/L	0.0048	-0.037	ug/L	0.0048	13.07%
Ca 317.933†	-362.3	-40.57	ug/L	0.993	-40.57	ug/L	0.993	2.45%
Cd 214.440†	19.1	0.410	ug/L	0.5380	0.410	ug/L	0.5380	131.28%
Co 228.616†	-3.8	-0.195	ug/L	0.0983	-0.195	ug/L	0.0983	50.41%
Cr 267.716†	0.7	0.016	ug/L	0.3132	0.016	ug/L	0.3132	>999.9%
Fe 238.204†	3.8	1.411	ug/L	2.6699	1.411	ug/L	2.6699	189.23%
K 766.490†	194.7	20.99	ug/L	2.210	20.99	ug/L	2.210	10.53%
Mg 285.213†	8.2	0.769	ug/L	0.4515	0.769	ug/L	0.4515	58.75%
Mn 257.610†	219.0	0.426	ug/L	0.0205	0.426	ug/L	0.0205	4.80%
Mo 202.031†	1.3	0.281	ug/L	0.0615	0.281	ug/L	0.0615	21.87%
Na 589.592†	376.6	32.56	ug/L	0.022	32.56	ug/L	0.022	0.07%
Ni 231.604†	0.1	0.014	ug/L	0.3894	0.014	ug/L	0.3894	>999.9%
Pb 220.353†	2.0	0.879	ug/L	0.1348	0.879	ug/L	0.1348	15.34%
Sb 206.836†	-3.2	-2.071	ug/L	1.4864	-2.071	ug/L	1.4864	71.78%
Se 196.026†	2.1	3.352	ug/L	19.3290	3.352	ug/L	19.3290	576.65%
V 311.071†	51.1	0.201	ug/L	0.1406	0.201	ug/L	0.1406	69.79%
Sn 189.927†	3.0	1.461	ug/L	1.5042	1.461	ug/L	1.5042	102.94%
Sr 421.552†	-342.4	-0.464	ug/L	0.0565	-0.464	ug/L	0.0565	12.18%
Tl 190.801†	-6.3	-4.395	ug/L	3.4895	-4.395	ug/L	3.4895	79.40%
Zn 206.200†	19.0	1.668	ug/L	0.3057	1.668	ug/L	0.3057	18.33%
Ti 334.940†	-72.6	-0.087	ug/L	0.0156	-0.087	ug/L	0.0156	17.99%
B 249.772†	867.0	19.81	ug/L	0.677	19.81	ug/L	0.677	3.42%
Cu 324.752†	122.3	0.397	ug/L	0.1731	0.397	ug/L	0.1731	43.57%
S 181.975†	20.5	87.12	ug/L	9.497	87.12	ug/L	9.497	10.90%
Zr 343.823†	-15.3	-0.043	ug/L	0.0898	-0.043	ug/L	0.0898	208.78%

Sequence No.: 50
Sample ID: 220-11999-e-12-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 5/6/2010 1:56:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-11999-e-12-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	945823.4	0.926	mg/L	0.0017				0.18%
Y (radial)	88187.1	0.983	mg/L	0.0163				1.65%
Ag 328.068†	-11.5	-0.054	ug/L	0.1049	-0.054	ug/L	0.1049	193.61%
Al 396.153†	1.2	0.121	ug/L	3.0263	0.121	ug/L	3.0263	>999.9%
As 188.979†	-6.0	-4.896	ug/L	8.7737	-4.896	ug/L	8.7737	179.19%
Ba 233.527†	1153.5	16.11	ug/L	0.190	16.11	ug/L	0.190	1.18%
Be 313.107†	-216.4	-0.113	ug/L	0.0147	-0.113	ug/L	0.0147	13.07%
Ca 317.933†	40678.5	4555	ug/L	30.7	4555	ug/L	30.7	0.67%
Cd 214.440†	3.4	0.070	ug/L	0.1298	0.070	ug/L	0.1298	186.67%
Co 228.616†	-3.3	-0.174	ug/L	0.0210	-0.174	ug/L	0.0210	12.08%
Cr 267.716†	18.5	0.455	ug/L	0.0330	0.455	ug/L	0.0330	7.24%
Fe 238.204†	344.4	128.4	ug/L	0.52	128.4	ug/L	0.52	0.40%
K 766.490†	4894.0	527.7	ug/L	2.61	527.7	ug/L	2.61	0.49%
Mg 285.213†	13304.6	1242	ug/L	12.7	1242	ug/L	12.7	1.02%
Mn 257.610†	17616.2	34.25	ug/L	0.102	34.25	ug/L	0.102	0.30%
Mo 202.031†	1.2	0.259	ug/L	0.0179	0.259	ug/L	0.0179	6.91%
Na 589.592†	57190.7	4945	ug/L	9.1	4945	ug/L	9.1	0.18%
Ni 231.604†	11.4	1.174	ug/L	0.3274	1.174	ug/L	0.3274	27.88%
Pb 220.353†	5.9	2.622	ug/L	2.7734	2.622	ug/L	2.7734	105.76%
Sb 206.836†	-6.2	-4.023	ug/L	1.7486	-4.023	ug/L	1.7486	43.46%
Se 196.026†	-7.7	-12.06	ug/L	2.924	-12.06	ug/L	2.924	24.25%
V 311.071†	272.1	1.040	ug/L	0.5930	1.040	ug/L	0.5930	56.99%
Sn 189.927†	0.5	0.246	ug/L	4.2392	0.246	ug/L	4.2392	>999.9%
Sr 421.552†	13096.0	17.75	ug/L	0.079	17.75	ug/L	0.079	0.45%
Tl 190.801†	-4.3	-3.000	ug/L	10.2818	-3.000	ug/L	10.2818	342.71%
Zn 206.200†	78.6	6.894	ug/L	0.6939	6.894	ug/L	0.6939	10.07%
Ti 334.940†	191.6	0.229	ug/L	0.0400	0.229	ug/L	0.0400	17.46%
B 249.772†	980.6	21.86	ug/L	0.029	21.86	ug/L	0.029	0.13%
Cu 324.752†	529.3	1.738	ug/L	0.2147	1.738	ug/L	0.2147	12.35%
S 181.975†	460.4	1969	ug/L	25.6	1969	ug/L	25.6	1.30%
Zr 343.823†	60.3	0.162	ug/L	0.0053	0.162	ug/L	0.0053	3.26%

Sequence No.: 51
Sample ID: 220-12080-b-2-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 5/6/2010 1:59:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-b-2-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	969918.8	0.950	mg/L	0.0179				1.88%
Y (radial)	89822.3	1.001	mg/L	0.0067				0.67%
Ag 328.068†	-267.5	0.161	ug/L	0.1398	0.161	ug/L	0.1398	86.83%
Al 396.153†	38008.9	4229	ug/L	10.6	4229	ug/L	10.6	0.25%
As 188.979†	3.2	5.370	ug/L	9.0999	5.370	ug/L	9.0999	169.44%
Ba 233.527†	3169.2	43.83	ug/L	0.710	43.83	ug/L	0.710	1.62%
Be 313.107†	-844.1	0.393	ug/L	0.0107	0.393	ug/L	0.0107	2.73%
Ca 317.933†	41962.5	4699	ug/L	18.4	4699	ug/L	18.4	0.39%
Cd 214.440†	43.5	0.127	ug/L	0.0653	0.127	ug/L	0.0653	51.57%
Co 228.616†	185.6	8.240	ug/L	0.4430	8.240	ug/L	0.4430	5.38%
Cr 267.716†	2372.4	58.45	ug/L	0.829	58.45	ug/L	0.829	1.42%
Fe 238.204†	68989.9	25720	ug/L	146.5	25720	ug/L	146.5	0.57%
K 766.490†	9456.2	1020	ug/L	7.6	1020	ug/L	7.6	0.75%
Mg 285.213†	25206.6	2375	ug/L	4.7	2375	ug/L	4.7	0.20%
Mn 257.610†	279718.1	544.5	ug/L	1.09	544.5	ug/L	1.09	0.20%
Mo 202.031†	55.8	12.88	ug/L	0.546	12.88	ug/L	0.546	4.24%
Na 589.592†	111142.0	9611	ug/L	6.5	9611	ug/L	6.5	0.07%
Ni 231.604†	344.5	35.63	ug/L	0.954	35.63	ug/L	0.954	2.68%
Pb 220.353†	20.2	6.407	ug/L	5.7260	6.407	ug/L	5.7260	89.37%
Sb 206.836†	2.3	0.820	ug/L	2.5622	0.820	ug/L	2.5622	312.56%
Se 196.026†	-7.1	4.881	ug/L	15.4573	4.881	ug/L	15.4573	316.70%
V 311.071†	4904.8	16.26	ug/L	0.271	16.26	ug/L	0.271	1.67%
Sn 189.927†	-0.5	0.839	ug/L	0.6909	0.839	ug/L	0.6909	82.31%
Sr 421.552†	37622.5	50.98	ug/L	0.082	50.98	ug/L	0.082	0.16%
Tl 190.801†	-6.5	-0.406	ug/L	0.7868	-0.406	ug/L	0.7868	193.65%
Zn 206.200†	1678.9	147.7	ug/L	2.97	147.7	ug/L	2.97	2.01%
Ti 334.940†	170590.6	204.3	ug/L	0.75	204.3	ug/L	0.75	0.37%
B 249.772†	5220.5	7.324	ug/L	1.3441	7.324	ug/L	1.3441	18.35%
Cu 324.752†	7294.6	27.63	ug/L	0.491	27.63	ug/L	0.491	1.78%
S 181.975†	345.1	1490	ug/L	23.0	1490	ug/L	23.0	1.54%
Zr 343.823†	673.8	0.465	ug/L	0.1426	0.465	ug/L	0.1426	30.66%

Sequence No.: 52
Sample ID: 220-12080-b-4-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 5/6/2010 2:02:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-b-4-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	967662.1	0.948	mg/L	0.0057				0.60%
Y (radial)	91976.8	1.025	mg/L	0.0083				0.81%
Ag 328.068†	-694.2	0.491	ug/L	0.0081	0.491	ug/L	0.0081	1.64%
Al 396.153†	74003.3	8235	ug/L	37.3	8235	ug/L	37.3	0.45%
As 188.979†	-7.4	1.254	ug/L	1.9872	1.254	ug/L	1.9872	158.47%
Ba 233.527†	8777.3	121.4	ug/L	1.55	121.4	ug/L	1.55	1.27%
Be 313.107†	-1201.2	0.932	ug/L	0.0358	0.932	ug/L	0.0358	3.84%
Ca 317.933†	39640.9	4439	ug/L	21.5	4439	ug/L	21.5	0.48%
Cd 214.440†	96.2	-0.073	ug/L	0.2514	-0.073	ug/L	0.2514	345.56%
Co 228.616†	311.4	12.95	ug/L	0.047	12.95	ug/L	0.047	0.36%
Cr 267.716†	3855.9	95.59	ug/L	1.720	95.59	ug/L	1.720	1.80%
Fe 238.204†	182747.0	68120	ug/L	173.9	68120	ug/L	173.9	0.26%
K 766.490†	13808.0	1489	ug/L	10.6	1489	ug/L	10.6	0.71%
Mg 285.213†	32071.2	3052	ug/L	12.0	3052	ug/L	12.0	0.39%
Mn 257.610†	678191.1	1320	ug/L	4.1	1320	ug/L	4.1	0.31%
Mo 202.031†	57.4	14.89	ug/L	1.109	14.89	ug/L	1.109	7.45%
Na 589.592†	168161.4	14540	ug/L	129.5	14540	ug/L	129.5	0.89%
Ni 231.604†	597.3	61.77	ug/L	0.986	61.77	ug/L	0.986	1.60%
Pb 220.353†	51.4	15.68	ug/L	2.283	15.68	ug/L	2.283	14.56%
Sb 206.836†	3.6	1.159	ug/L	4.0867	1.159	ug/L	4.0867	352.58%
Se 196.026†	-23.6	4.925	ug/L	7.4446	4.925	ug/L	7.4446	151.17%
V 311.071†	11334.3	38.53	ug/L	0.588	38.53	ug/L	0.588	1.53%
Sn 189.927†	5.5	4.724	ug/L	0.2832	4.724	ug/L	0.2832	5.99%
Sr 421.552†	47360.3	64.18	ug/L	0.217	64.18	ug/L	0.217	0.34%
Tl 190.801†	-14.6	-1.560	ug/L	2.0024	-1.560	ug/L	2.0024	128.39%
Zn 206.200†	1591.6	140.4	ug/L	2.46	140.4	ug/L	2.46	1.75%
Ti 334.940†	318626.8	381.5	ug/L	0.95	381.5	ug/L	0.95	0.25%
B 249.772†	12853.9	-2.880	ug/L	4.4345	-2.880	ug/L	4.4345	153.99%
Cu 324.752†	9815.6	42.33	ug/L	0.113	42.33	ug/L	0.113	0.27%
S 181.975†	297.8	1295	ug/L	1.3	1295	ug/L	1.3	0.10%
Zr 343.823†	1494.0	0.416	ug/L	0.0339	0.416	ug/L	0.0339	8.13%

Sequence No.: 53
Sample ID: 220-12080-b-5-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 5/6/2010 2:05:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-b-5-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	971852.9	0.952	mg/L	0.0049				0.51%
Y (radial)	92525.8	1.032	mg/L	0.0289				2.80%
Ag 328.068†	-340.7	0.431	ug/L	0.1133	0.431	ug/L	0.1133	26.29%
Al 396.153†	45051.9	5013	ug/L	4.2	5013	ug/L	4.2	0.08%
As 188.979†	-0.1	3.732	ug/L	3.0770	3.732	ug/L	3.0770	82.45%
Ba 233.527†	3585.9	49.46	ug/L	0.173	49.46	ug/L	0.173	0.35%
Be 313.107†	-740.5	0.525	ug/L	0.0299	0.525	ug/L	0.0299	5.71%
Ca 317.933†	21098.0	2363	ug/L	9.1	2363	ug/L	9.1	0.38%
Cd 214.440†	69.5	0.352	ug/L	0.1151	0.352	ug/L	0.1151	32.65%
Co 228.616†	232.8	10.28	ug/L	0.049	10.28	ug/L	0.049	0.48%
Cr 267.716†	2086.8	51.72	ug/L	0.477	51.72	ug/L	0.477	0.92%
Fe 238.204†	97392.5	36300	ug/L	103.4	36300	ug/L	103.4	0.28%
K 766.490†	9037.2	974.4	ug/L	3.36	974.4	ug/L	3.36	0.35%
Mg 285.213†	18201.4	1730	ug/L	3.0	1730	ug/L	3.0	0.17%
Mn 257.610†	343996.4	669.7	ug/L	1.78	669.7	ug/L	1.78	0.27%
Mo 202.031†	38.5	9.620	ug/L	1.0591	9.620	ug/L	1.0591	11.01%
Na 589.592†	36148.1	3126	ug/L	13.9	3126	ug/L	13.9	0.44%
Ni 231.604†	325.9	33.71	ug/L	1.252	33.71	ug/L	1.252	3.71%
Pb 220.353†	28.4	8.890	ug/L	0.6161	8.890	ug/L	0.6161	6.93%
Sb 206.836†	-1.9	-1.861	ug/L	2.0870	-1.861	ug/L	2.0870	112.14%
Se 196.026†	-13.6	1.105	ug/L	16.3922	1.105	ug/L	16.3922	>999.9%
V 311.071†	6542.5	22.26	ug/L	0.145	22.26	ug/L	0.145	0.65%
Sn 189.927†	-1.0	0.694	ug/L	2.2782	0.694	ug/L	2.2782	328.35%
Sr 421.552†	18462.9	25.02	ug/L	0.208	25.02	ug/L	0.208	0.83%
Tl 190.801†	-18.2	-7.875	ug/L	6.0283	-7.875	ug/L	6.0283	76.55%
Zn 206.200†	1381.1	121.5	ug/L	1.65	121.5	ug/L	1.65	1.36%
Ti 334.940†	186276.3	223.0	ug/L	0.05	223.0	ug/L	0.05	0.02%
B 249.772†	6897.3	-0.460	ug/L	2.5092	-0.460	ug/L	2.5092	545.69%
Cu 324.752†	8968.0	34.69	ug/L	0.439	34.69	ug/L	0.439	1.27%
S 181.975†	192.4	834.2	ug/L	6.69	834.2	ug/L	6.69	0.80%
Zr 343.823†	880.1	0.457	ug/L	0.1146	0.457	ug/L	0.1146	25.05%

Sequence No.: 54
Sample ID: 220-12080-b-7-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 5/6/2010 2:08:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-b-7-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	997976.7	0.978	mg/L	0.0157				1.61%
Y (radial)	91964.1	1.025	mg/L	0.0093				0.91%
Ag 328.068†	-578.0	0.626	ug/L	0.1206	0.626	ug/L	0.1206	19.27%
Al 396.153†	87373.0	9723	ug/L	1.2	9723	ug/L	1.2	0.01%
As 188.979†	3.0	9.326	ug/L	0.5657	9.326	ug/L	0.5657	6.07%
Ba 233.527†	8829.7	122.3	ug/L	0.76	122.3	ug/L	0.76	0.62%
Be 313.107†	-2304.3	0.951	ug/L	0.0272	0.951	ug/L	0.0272	2.86%
Ca 317.933†	53380.0	5978	ug/L	18.7	5978	ug/L	18.7	0.31%
Cd 214.440†	91.6	0.086	ug/L	0.0319	0.086	ug/L	0.0319	37.23%
Co 228.616†	315.8	13.11	ug/L	0.252	13.11	ug/L	0.252	1.92%
Cr 267.716†	7959.7	195.5	ug/L	1.53	195.5	ug/L	1.53	0.78%
Fe 238.204†	160805.7	59940	ug/L	91.9	59940	ug/L	91.9	0.15%
K 766.490†	21502.1	2318	ug/L	25.8	2318	ug/L	25.8	1.11%
Mg 285.213†	40482.7	3830	ug/L	3.3	3830	ug/L	3.3	0.09%
Mn 257.610†	832898.9	1622	ug/L	2.8	1622	ug/L	2.8	0.17%
Mo 202.031†	108.1	25.37	ug/L	0.987	25.37	ug/L	0.987	3.89%
Na 589.592†	392218.3	33920	ug/L	336.1	33920	ug/L	336.1	0.99%
Ni 231.604†	900.6	93.13	ug/L	1.107	93.13	ug/L	1.107	1.19%
Pb 220.353†	49.0	15.76	ug/L	1.932	15.76	ug/L	1.932	12.26%
Sb 206.836†	5.6	1.082	ug/L	2.3236	1.082	ug/L	2.3236	214.85%
Se 196.026†	-19.5	6.557	ug/L	5.6200	6.557	ug/L	5.6200	85.71%
V 311.071†	10951.9	35.43	ug/L	0.331	35.43	ug/L	0.331	0.93%
Sn 189.927†	3.6	4.561	ug/L	4.7835	4.561	ug/L	4.7835	104.89%
Sr 421.552†	48909.7	66.28	ug/L	0.225	66.28	ug/L	0.225	0.34%
Tl 190.801†	-17.6	-2.003	ug/L	4.5678	-2.003	ug/L	4.5678	228.03%
Zn 206.200†	1579.5	140.1	ug/L	0.16	140.1	ug/L	0.16	0.11%
Ti 334.940†	440729.8	527.7	ug/L	0.35	527.7	ug/L	0.35	0.07%
B 249.772†	11034.2	-8.852	ug/L	4.0061	-8.852	ug/L	4.0061	45.25%
Cu 324.752†	11866.9	47.74	ug/L	0.726	47.74	ug/L	0.726	1.52%
S 181.975†	387.4	1684	ug/L	24.3	1684	ug/L	24.3	1.44%
Zr 343.823†	1581.7	1.116	ug/L	0.1689	1.116	ug/L	0.1689	15.14%

Sequence No.: 55
Sample ID: 220-12080-b-8-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 5/6/2010 2:11:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-b-8-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	975659.8	0.956	mg/L	0.0096				1.00%
Y (radial)	90759.0	1.012	mg/L	0.0116				1.15%
Ag 328.068†	-354.4	0.200	ug/L	0.2411	0.200	ug/L	0.2411	120.53%
Al 396.153†	62405.2	6945	ug/L	10.9	6945	ug/L	10.9	0.16%
As 188.979†	-1.2	2.605	ug/L	3.8466	2.605	ug/L	3.8466	147.65%
Ba 233.527†	5850.5	81.15	ug/L	0.763	81.15	ug/L	0.763	0.94%
Be 313.107†	-1178.4	0.603	ug/L	0.0211	0.603	ug/L	0.0211	3.50%
Ca 317.933†	38892.3	4355	ug/L	25.4	4355	ug/L	25.4	0.58%
Cd 214.440†	55.4	0.128	ug/L	0.1654	0.128	ug/L	0.1654	128.78%
Co 228.616†	249.9	11.06	ug/L	0.309	11.06	ug/L	0.309	2.79%
Cr 267.716†	3072.2	75.70	ug/L	0.509	75.70	ug/L	0.509	0.67%
Fe 238.204†	90637.9	33780	ug/L	167.4	33780	ug/L	167.4	0.50%
K 766.490†	13617.5	1468	ug/L	7.2	1468	ug/L	7.2	0.49%
Mg 285.213†	28724.0	2710	ug/L	6.5	2710	ug/L	6.5	0.24%
Mn 257.610†	459080.5	893.8	ug/L	2.76	893.8	ug/L	2.76	0.31%
Mo 202.031†	44.7	10.85	ug/L	0.445	10.85	ug/L	0.445	4.10%
Na 589.592†	248219.0	21460	ug/L	486.3	21460	ug/L	486.3	2.27%
Ni 231.604†	402.8	41.66	ug/L	0.322	41.66	ug/L	0.322	0.77%
Pb 220.353†	26.9	8.712	ug/L	2.9306	8.712	ug/L	2.9306	33.64%
Sb 206.836†	14.2	8.213	ug/L	1.6936	8.213	ug/L	1.6936	20.62%
Se 196.026†	-4.2	14.46	ug/L	10.985	14.46	ug/L	10.985	75.95%
V 311.071†	7006.4	23.22	ug/L	0.395	23.22	ug/L	0.395	1.70%
Sn 189.927†	-1.6	0.794	ug/L	1.9461	0.794	ug/L	1.9461	245.20%
Sr 421.552†	37810.2	51.24	ug/L	0.165	51.24	ug/L	0.165	0.32%
Tl 190.801†	-17.4	-6.373	ug/L	0.9229	-6.373	ug/L	0.9229	14.48%
Zn 206.200†	1149.9	101.5	ug/L	2.29	101.5	ug/L	2.29	2.26%
Ti 334.940†	249167.7	298.3	ug/L	0.82	298.3	ug/L	0.82	0.27%
B 249.772†	6326.1	-2.550	ug/L	3.0589	-2.550	ug/L	3.0589	119.95%
Cu 324.752†	6381.8	25.91	ug/L	0.464	25.91	ug/L	0.464	1.79%
S 181.975†	423.1	1824	ug/L	12.3	1824	ug/L	12.3	0.67%
Zr 343.823†	1038.5	1.041	ug/L	0.1192	1.041	ug/L	0.1192	11.45%

Sequence No.: 56
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 2:14:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	941928.4	0.923	mg/L	0.0083				0.90%
Y (radial)	88300.2	0.984	mg/L	0.0091				0.93%
Ag 328.068†	51565.3	291.4	ug/L	0.43	291.4	ug/L	0.43	0.15%
QC value within limits for Ag 328.068 Recovery = 97.12%								
Al 396.153†	46298.5	5133	ug/L	2.2	5133	ug/L	2.2	0.04%
QC value within limits for Al 396.153 Recovery = 96.84%								
As 188.979†	362.5	295.7	ug/L	9.41	295.7	ug/L	9.41	3.18%
QC value within limits for As 188.979 Recovery = 98.56%								
Ba 233.527†	21570.2	301.8	ug/L	0.90	301.8	ug/L	0.90	0.30%
QC value within limits for Ba 233.527 Recovery = 100.62%								
Be 313.107†	575351.4	304.2	ug/L	0.80	304.2	ug/L	0.80	0.26%
QC value within limits for Be 313.107 Recovery = 101.40%								
Ca 317.933†	158949.6	17800	ug/L	6.2	17800	ug/L	6.2	0.04%
QC value within limits for Ca 317.933 Recovery = 94.93%								
Cd 214.440†	14079.0	301.6	ug/L	3.67	301.6	ug/L	3.67	1.22%
QC value within limits for Cd 214.440 Recovery = 100.53%								
Co 228.616†	6364.8	324.6	ug/L	4.04	324.6	ug/L	4.04	1.24%
QC value within limits for Co 228.616 Recovery = 108.21%								
Cr 267.716†	12656.3	309.0	ug/L	4.25	309.0	ug/L	4.25	1.38%
QC value within limits for Cr 267.716 Recovery = 103.00%								
Fe 238.204†	13489.2	5033	ug/L	12.2	5033	ug/L	12.2	0.24%
QC value within limits for Fe 238.204 Recovery = 100.66%								
K 766.490†	364221.7	39270	ug/L	702.4	39270	ug/L	702.4	1.79%
QC value within limits for K 766.490 Recovery = 98.18%								
Mg 285.213†	194646.3	18180	ug/L	15.1	18180	ug/L	15.1	0.08%
QC value within limits for Mg 285.213 Recovery = 96.95%								
Mn 257.610†	154722.0	300.4	ug/L	0.66	300.4	ug/L	0.66	0.22%
QC value within limits for Mn 257.610 Recovery = 100.15%								
Mo 202.031†	2397.9	511.1	ug/L	7.26	511.1	ug/L	7.26	1.42%
QC value within limits for Mo 202.031 Recovery = 102.22%								
Na 589.592†	456872.4	39510	ug/L	825.2	39510	ug/L	825.2	2.09%
QC value within limits for Na 589.592 Recovery = 98.77%								
Ni 231.604†	3134.8	324.4	ug/L	3.02	324.4	ug/L	3.02	0.93%
QC value within limits for Ni 231.604 Recovery = 108.14%								
Pb 220.353†	679.5	305.9	ug/L	6.57	305.9	ug/L	6.57	2.15%
QC value within limits for Pb 220.353 Recovery = 101.95%								
Sb 206.836†	448.7	290.5	ug/L	2.26	290.5	ug/L	2.26	0.78%
QC value within limits for Sb 206.836 Recovery = 96.84%								
Se 196.026†	177.5	282.8	ug/L	13.73	282.8	ug/L	13.73	4.86%
QC value within limits for Se 196.026 Recovery = 94.26%								
V 311.071†	76613.4	293.9	ug/L	0.43	293.9	ug/L	0.43	0.15%
QC value within limits for V 311.071 Recovery = 97.98%								
Sn 189.927†	1035.1	506.8	ug/L	1.20	506.8	ug/L	1.20	0.24%
QC value within limits for Sn 189.927 Recovery = 101.37%								
Sr 421.552†	379795.8	514.7	ug/L	9.75	514.7	ug/L	9.75	1.90%
QC value within limits for Sr 421.552 Recovery = 102.94%								
Tl 190.801†	441.3	315.8	ug/L	7.46	315.8	ug/L	7.46	2.36%
QC value within limits for Tl 190.801 Recovery = 105.26%								
Zn 206.200†	3551.8	314.1	ug/L	5.49	314.1	ug/L	5.49	1.75%
QC value within limits for Zn 206.200 Recovery = 104.69%								
Ti 334.940†	427325.5	511.7	ug/L	1.38	511.7	ug/L	1.38	0.27%
QC value within limits for Ti 334.940 Recovery = 102.33%								
B 249.772†	21517.2	470.0	ug/L	0.72	470.0	ug/L	0.72	0.15%
QC value within limits for B 249.772 Recovery = 94.00%								
Cu 324.752†	96436.3	313.8	ug/L	0.63	313.8	ug/L	0.63	0.20%
QC value within limits for Cu 324.752 Recovery = 104.61%								
S 181.975†	2319.9	10040	ug/L	232.1	10040	ug/L	232.1	2.31%
QC value within limits for S 181.975 Recovery = 100.38%								
Zr 343.823†	108535.9	304.2	ug/L	0.46	304.2	ug/L	0.46	0.15%
QC value within limits for Zr 343.823 Recovery = 101.40%								

All analyte(s) passed QC.

Sequence No.: 57 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 5/6/2010 2:18:05 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1004802.1	0.984	mg/L	0.0022				0.23%
Y (radial)	92872.5	1.035	mg/L	0.0219				2.11%
Ag 328.068†	23.3	0.130	ug/L	0.0073	0.130	ug/L	0.0073	5.65%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	106.5	11.81	ug/L	2.547	11.81	ug/L	2.547	21.58%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	0.1	0.084	ug/L	3.0625	0.084	ug/L	3.0625	>999.9%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	7.2	0.100	ug/L	0.1239	0.100	ug/L	0.1239	124.55%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-13.7	-0.007	ug/L	0.0227	-0.007	ug/L	0.0227	339.09%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-35.5	-3.981	ug/L	4.3056	-3.981	ug/L	4.3056	108.15%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	12.5	0.267	ug/L	0.0820	0.267	ug/L	0.0820	30.68%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-5.9	-0.299	ug/L	0.1386	-0.299	ug/L	0.1386	46.31%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	15.9	0.388	ug/L	0.1496	0.388	ug/L	0.1496	38.53%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	7.1	2.631	ug/L	0.7889	2.631	ug/L	0.7889	29.98%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	59.3	6.399	ug/L	2.2840	6.399	ug/L	2.2840	35.69%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	11.8	1.100	ug/L	0.1015	1.100	ug/L	0.1015	9.22%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	4.5	0.009	ug/L	0.0229	0.009	ug/L	0.0229	263.76%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	6.2	1.319	ug/L	0.8309	1.319	ug/L	0.8309	63.01%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-260.9	-22.56	ug/L	3.669	-22.56	ug/L	3.669	16.26%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	3.4	0.350	ug/L	0.6980	0.350	ug/L	0.6980	199.43%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-1.8	-0.806	ug/L	9.0845	-0.806	ug/L	9.0845	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	3.2	2.054	ug/L	3.7370	2.054	ug/L	3.7370	181.93%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	0.3	0.439	ug/L	9.7040	0.439	ug/L	9.7040	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-162.8	-0.640	ug/L	0.2521	-0.640	ug/L	0.2521	39.39%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	5.2	2.510	ug/L	3.8838	2.510	ug/L	3.8838	154.74%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-62.6	-0.085	ug/L	0.0736	-0.085	ug/L	0.0736	86.73%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.3	-0.883	ug/L	2.5226	-0.883	ug/L	2.5226	285.80%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	4.8	0.425	ug/L	0.5237	0.425	ug/L	0.5237	123.14%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	102.8	0.123	ug/L	0.0017	0.123	ug/L	0.0017	1.38%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	155.1	3.533	ug/L	0.3795	3.533	ug/L	0.3795	10.74%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	19.9	0.065	ug/L	0.2424	0.065	ug/L	0.2424	373.53%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	4.5	19.01	ug/L	14.740	19.01	ug/L	14.740	77.52%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	66.7	0.187	ug/L	0.0289	0.187	ug/L	0.0289	15.45%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 58
Sample ID: 220-12080-a-9-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 78
Date Collected: 5/6/2010 2:21:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-a-9-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	941744.6	0.922	mg/L	0.0071				0.77%
Y (radial)	92352.8	1.030	mg/L	0.0062				0.61%
Ag 328.068†	3.9	0.081	ug/L	0.0532	0.081	ug/L	0.0532	65.55%
Al 396.153†	-86.4	-9.629	ug/L	1.4279	-9.629	ug/L	1.4279	14.83%
As 188.979†	-4.8	-3.846	ug/L	0.4053	-3.846	ug/L	0.4053	10.54%
Ba 233.527†	2812.8	39.28	ug/L	0.035	39.28	ug/L	0.035	0.09%
Be 313.107†	-283.9	-0.149	ug/L	0.0118	-0.149	ug/L	0.0118	7.93%
Ca 317.933†	138072.8	15460	ug/L	96.9	15460	ug/L	96.9	0.63%
Cd 214.440†	18.2	0.362	ug/L	0.0043	0.362	ug/L	0.0043	1.19%
Co 228.616†	108.3	5.506	ug/L	0.0191	5.506	ug/L	0.0191	0.35%
Cr 267.716†	-1.3	-0.010	ug/L	0.2434	-0.010	ug/L	0.2434	>999.9%
Fe 238.204†	2342.6	873.2	ug/L	2.49	873.2	ug/L	2.49	0.29%
K 766.490†	16496.6	1779	ug/L	11.0	1779	ug/L	11.0	0.62%
Mg 285.213†	39256.9	3666	ug/L	0.4	3666	ug/L	0.4	0.01%
Mn 257.610†	313842.1	610.9	ug/L	2.79	610.9	ug/L	2.79	0.46%
Mo 202.031†	2.1	0.481	ug/L	0.5476	0.481	ug/L	0.5476	113.89%
Na 589.592†	758670.1	65600	ug/L	243.7	65600	ug/L	243.7	0.37%
Ni 231.604†	207.6	21.47	ug/L	0.728	21.47	ug/L	0.728	3.39%
Pb 220.353†	-2.7	-1.301	ug/L	3.1355	-1.301	ug/L	3.1355	240.97%
Sb 206.836†	-1.0	-0.611	ug/L	3.8311	-0.611	ug/L	3.8311	626.51%
Se 196.026†	-9.0	-13.62	ug/L	12.498	-13.62	ug/L	12.498	91.73%
V 311.071†	439.8	1.645	ug/L	0.1957	1.645	ug/L	0.1957	11.89%
Sn 189.927†	-7.0	-3.431	ug/L	1.3106	-3.431	ug/L	1.3106	38.20%
Sr 421.552†	137983.8	187.0	ug/L	0.16	187.0	ug/L	0.16	0.08%
Tl 190.801†	-4.2	-2.904	ug/L	2.9694	-2.904	ug/L	2.9694	102.24%
Zn 206.200†	759.0	66.56	ug/L	0.255	66.56	ug/L	0.255	0.38%
Ti 334.940†	-60.8	-0.073	ug/L	0.0110	-0.073	ug/L	0.0110	15.15%
B 249.772†	1158.7	22.68	ug/L	0.541	22.68	ug/L	0.541	2.38%
Cu 324.752†	786.4	2.687	ug/L	0.3568	2.687	ug/L	0.3568	13.28%
S 181.975†	1878.6	8019	ug/L	1.3	8019	ug/L	1.3	0.02%
Zr 343.823†	81.2	0.179	ug/L	0.1593	0.179	ug/L	0.1593	88.74%

Sequence No.: 59
Sample ID: 220-12080-a-10-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 79
Date Collected: 5/6/2010 2:24:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-a-10-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	958575.1	0.939	mg/L	0.0070				0.75%
Y (radial)	88309.8	0.985	mg/L	0.0039				0.40%
Ag 328.068†	-73.8	-0.253	ug/L	0.2219	-0.253	ug/L	0.2219	87.74%
Al 396.153†	171.2	19.01	ug/L	3.905	19.01	ug/L	3.905	20.54%
As 188.979†	-4.8	-3.655	ug/L	0.9936	-3.655	ug/L	0.9936	27.18%
Ba 233.527†	3134.1	43.74	ug/L	0.485	43.74	ug/L	0.485	1.11%
Be 313.107†	-198.1	-0.103	ug/L	0.0228	-0.103	ug/L	0.0228	22.04%
Ca 317.933†	207826.4	23270	ug/L	22.6	23270	ug/L	22.6	0.10%
Cd 214.440†	-5.1	-0.188	ug/L	0.0627	-0.188	ug/L	0.0627	33.31%
Co 228.616†	122.1	6.164	ug/L	0.6343	6.164	ug/L	0.6343	10.29%
Cr 267.716†	32.7	0.855	ug/L	0.1332	0.855	ug/L	0.1332	15.59%
Fe 238.204†	6782.2	2528	ug/L	16.1	2528	ug/L	16.1	0.64%
K 766.490†	25013.0	2697	ug/L	7.5	2697	ug/L	7.5	0.28%
Mg 285.213†	74579.9	6966	ug/L	7.2	6966	ug/L	7.2	0.10%
Mn 257.610†	290753.2	565.8	ug/L	1.39	565.8	ug/L	1.39	0.25%
Mo 202.031†	5.0	1.157	ug/L	0.5086	1.157	ug/L	0.5086	43.95%
Na 589.592†	646776.8	55930	ug/L	228.3	55930	ug/L	228.3	0.41%
Ni 231.604†	268.7	27.79	ug/L	0.545	27.79	ug/L	0.545	1.96%
Pb 220.353†	-3.7	-1.951	ug/L	2.2162	-1.951	ug/L	2.2162	113.61%
Sb 206.836†	-4.6	-2.941	ug/L	4.4849	-2.941	ug/L	4.4849	152.49%
Se 196.026†	-7.7	-10.65	ug/L	11.561	-10.65	ug/L	11.561	108.58%
V 311.071†	351.1	1.206	ug/L	0.2814	1.206	ug/L	0.2814	23.33%
Sn 189.927†	-4.5	-2.206	ug/L	0.2220	-2.206	ug/L	0.2220	10.06%
Sr 421.552†	170999.8	231.7	ug/L	0.27	231.7	ug/L	0.27	0.12%
Tl 190.801†	-13.6	-9.479	ug/L	3.4431	-9.479	ug/L	3.4431	36.32%
Zn 206.200†	941.3	82.56	ug/L	0.423	82.56	ug/L	0.423	0.51%
Ti 334.940†	112.1	0.134	ug/L	0.0071	0.134	ug/L	0.0071	5.28%
B 249.772†	1323.3	19.24	ug/L	0.223	19.24	ug/L	0.223	1.16%
Cu 324.752†	677.7	2.589	ug/L	0.2476	2.589	ug/L	0.2476	9.57%
S 181.975†	2069.5	8862	ug/L	66.9	8862	ug/L	66.9	0.76%
Zr 343.823†	75.5	0.072	ug/L	0.0541	0.072	ug/L	0.0541	75.57%

User canceled analysis.

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Analysis Begun

Start Time: 5/6/2010 2:47:33 PM **Plasma On Time: 5/6/2010 9:57:55 AM**
Logged In Analyst: ctmetals **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3101802Autosampler Model: AS-93plus

Sample Information File: C:\pe\4300cycloneAT\Sample Information\050610.sif
Batch ID:
Results Data Set: 050610d
Results Library: C:\PE\4300cycloneAT\2007 Results\Results.mdb

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Sequence No.: 60 **Autosampler Location: 80**
Sample ID: 220-12080-a-11-a **Date Collected: 5/6/2010 2:47:34 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12080-a-11-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	945781.3	0.926	mg/L	0.0002				0.02%
Y (radial)	87243.9	0.973	mg/L	0.0047				0.48%
Ag 328.068†	-15.4	0.015	ug/L	0.0186	0.015	ug/L	0.0186	127.48%
Al 396.153†	297.3	33.09	ug/L	3.944	33.09	ug/L	3.944	11.92%
As 188.979†	-0.8	-0.480	ug/L	1.5946	-0.480	ug/L	1.5946	332.51%
Ba 233.527†	5809.7	81.13	ug/L	0.446	81.13	ug/L	0.446	0.55%
Be 313.107†	-316.6	-0.162	ug/L	0.0385	-0.162	ug/L	0.0385	23.80%
Ca 317.933†	177011.2	19820	ug/L	148.1	19820	ug/L	148.1	0.75%
Cd 214.440†	7.9	0.121	ug/L	0.1425	0.121	ug/L	0.1425	118.17%
Co 228.616†	161.9	8.227	ug/L	0.4910	8.227	ug/L	0.4910	5.97%
Cr 267.716†	40.0	1.012	ug/L	0.0217	1.012	ug/L	0.0217	2.15%
Fe 238.204†	4131.3	1540	ug/L	3.4	1540	ug/L	3.4	0.22%
K 766.490†	20970.8	2261	ug/L	16.1	2261	ug/L	16.1	0.71%
Mg 285.213†	56074.1	5237	ug/L	0.7	5237	ug/L	0.7	0.01%
Mn 257.610†	548909.1	1069	ug/L	2.8	1069	ug/L	2.8	0.27%
Mo 202.031†	0.4	0.149	ug/L	0.9380	0.149	ug/L	0.9380	631.26%
Na 589.592†	1005493.5	86950	ug/L	752.8	86950	ug/L	752.8	0.87%
Ni 231.604†	302.4	31.27	ug/L	0.260	31.27	ug/L	0.260	0.83%
Pb 220.353†	-3.6	-1.793	ug/L	7.9345	-1.793	ug/L	7.9345	442.58%
Sb 206.836†	-1.5	-0.958	ug/L	4.0354	-0.958	ug/L	4.0354	421.24%
Se 196.026†	-5.3	-7.450	ug/L	7.2088	-7.450	ug/L	7.2088	96.76%
V 311.071†	478.2	1.742	ug/L	0.2053	1.742	ug/L	0.2053	11.78%
Sn 189.927†	-5.2	-2.539	ug/L	1.0225	-2.539	ug/L	1.0225	40.26%
Sr 421.552†	192946.6	261.5	ug/L	1.96	261.5	ug/L	1.96	0.75%
Tl 190.801†	-6.6	-4.619	ug/L	1.1498	-4.619	ug/L	1.1498	24.89%
Zn 206.200†	327.3	28.71	ug/L	1.143	28.71	ug/L	1.143	3.98%
Ti 334.940†	948.3	1.135	ug/L	0.0027	1.135	ug/L	0.0027	0.24%
B 249.772†	1130.5	19.14	ug/L	0.055	19.14	ug/L	0.055	0.29%
Cu 324.752†	464.5	1.745	ug/L	0.3684	1.745	ug/L	0.3684	21.11%
S 181.975†	1898.9	8120	ug/L	66.6	8120	ug/L	66.6	0.82%
Zr 343.823†	54.4	0.067	ug/L	0.0755	0.067	ug/L	0.0755	112.19%

Sequence No.: 61
Sample ID: 220-12080-a-12-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 5/6/2010 2:50:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-a-12-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	974566.2	0.955	mg/L	0.0127				1.33%
Y (radial)	87924.8	0.980	mg/L	0.0119				1.21%
Ag 328.068†	-6.9	0.047	ug/L	0.1159	0.047	ug/L	0.1159	248.45%
Al 396.153†	409.1	45.51	ug/L	5.912	45.51	ug/L	5.912	12.99%
As 188.979†	3.2	2.707	ug/L	1.0426	2.707	ug/L	1.0426	38.52%
Ba 233.527†	2170.0	30.29	ug/L	0.276	30.29	ug/L	0.276	0.91%
Be 313.107†	-190.3	-0.094	ug/L	0.0209	-0.094	ug/L	0.0209	22.18%
Ca 317.933†	96844.1	10850	ug/L	99.4	10850	ug/L	99.4	0.92%
Cd 214.440†	1.7	-0.004	ug/L	0.1292	-0.004	ug/L	0.1292	>999.9%
Co 228.616†	80.3	4.060	ug/L	0.0182	4.060	ug/L	0.0182	0.45%
Cr 267.716†	27.2	0.693	ug/L	0.3066	0.693	ug/L	0.3066	44.20%
Fe 238.204†	3516.5	1311	ug/L	8.1	1311	ug/L	8.1	0.62%
K 766.490†	18066.5	1948	ug/L	5.9	1948	ug/L	5.9	0.30%
Mg 285.213†	29852.8	2788	ug/L	4.6	2788	ug/L	4.6	0.17%
Mn 257.610†	189288.7	368.4	ug/L	2.48	368.4	ug/L	2.48	0.67%
Mo 202.031†	2.3	0.551	ug/L	0.4463	0.551	ug/L	0.4463	80.98%
Na 589.592†	178185.4	15410	ug/L	47.6	15410	ug/L	47.6	0.31%
Ni 231.604†	123.4	12.76	ug/L	0.124	12.76	ug/L	0.124	0.97%
Pb 220.353†	-7.1	-3.332	ug/L	3.2771	-3.332	ug/L	3.2771	98.35%
Sb 206.836†	3.9	2.485	ug/L	0.9715	2.485	ug/L	0.9715	39.10%
Se 196.026†	-7.4	-10.87	ug/L	21.431	-10.87	ug/L	21.431	197.17%
V 311.071†	300.3	1.088	ug/L	0.2132	1.088	ug/L	0.2132	19.60%
Sn 189.927†	-3.7	-1.800	ug/L	2.5708	-1.800	ug/L	2.5708	142.82%
Sr 421.552†	67846.0	91.94	ug/L	0.289	91.94	ug/L	0.289	0.31%
Tl 190.801†	-0.1	-0.017	ug/L	0.4103	-0.017	ug/L	0.4103	>999.9%
Zn 206.200†	807.7	70.83	ug/L	1.459	70.83	ug/L	1.459	2.06%
Ti 334.940†	1167.9	1.398	ug/L	0.0103	1.398	ug/L	0.0103	0.74%
B 249.772†	837.1	13.43	ug/L	0.337	13.43	ug/L	0.337	2.51%
Cu 324.752†	713.6	2.518	ug/L	0.4772	2.518	ug/L	0.4772	18.95%
S 181.975†	1133.3	4843	ug/L	39.1	4843	ug/L	39.1	0.81%
Zr 343.823†	32.7	0.019	ug/L	0.0161	0.019	ug/L	0.0161	84.60%

Sequence No.: 62
Sample ID: 220-12080-a-13-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 5/6/2010 2:53:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-a-13-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	905610.0	0.887	mg/L	0.0015				0.17%
Y (radial)	84602.4	0.943	mg/L	0.0108				1.15%
Ag 328.068†	-25.4	-0.039	ug/L	0.0099	-0.039	ug/L	0.0099	25.61%
Al 396.153†	-6.0	-0.724	ug/L	0.6089	-0.724	ug/L	0.6089	84.14%
As 188.979†	-3.3	-2.566	ug/L	10.1656	-2.566	ug/L	10.1656	396.23%
Ba 233.527†	6401.7	89.41	ug/L	0.107	89.41	ug/L	0.107	0.12%
Be 313.107†	-499.9	-0.265	ug/L	0.0065	-0.265	ug/L	0.0065	2.44%
Ca 317.933†	221651.7	24820	ug/L	109.3	24820	ug/L	109.3	0.44%
Cd 214.440†	6.5	0.092	ug/L	0.1076	0.092	ug/L	0.1076	117.29%
Co 228.616†	118.5	6.012	ug/L	0.0984	6.012	ug/L	0.0984	1.64%
Cr 267.716†	7.0	0.207	ug/L	0.1008	0.207	ug/L	0.1008	48.66%
Fe 238.204†	4120.6	1536	ug/L	5.1	1536	ug/L	5.1	0.33%
K 766.490†	31290.5	3374	ug/L	33.1	3374	ug/L	33.1	0.98%
Mg 285.213†	63375.4	5919	ug/L	2.9	5919	ug/L	2.9	0.05%
Mn 257.610†	674308.0	1313	ug/L	1.5	1313	ug/L	1.5	0.11%
Mo 202.031†	7.1	1.577	ug/L	0.7611	1.577	ug/L	0.7611	48.25%
Na 589.592†	2028325.7	175400	ug/L	1329.7	175400	ug/L	1329.7	0.76%
Ni 231.604†	339.2	35.08	ug/L	0.175	35.08	ug/L	0.175	0.50%
Pb 220.353†	-6.6	-3.156	ug/L	4.0165	-3.156	ug/L	4.0165	127.28%
Sb 206.836†	-6.4	-4.086	ug/L	0.3272	-4.086	ug/L	0.3272	8.01%
Se 196.026†	-6.1	-8.741	ug/L	22.8034	-8.741	ug/L	22.8034	260.88%
V 311.071†	818.9	3.086	ug/L	0.1692	3.086	ug/L	0.1692	5.48%
Sn 189.927†	-6.5	-3.144	ug/L	0.4658	-3.144	ug/L	0.4658	14.81%
Sr 421.552†	189254.9	256.5	ug/L	1.60	256.5	ug/L	1.60	0.62%
Tl 190.801†	0.8	0.613	ug/L	6.3802	0.613	ug/L	6.3802	>999.9%
Zn 206.200†	282.7	24.80	ug/L	0.238	24.80	ug/L	0.238	0.96%
Ti 334.940†	-422.8	-0.506	ug/L	0.0244	-0.506	ug/L	0.0244	4.82%
B 249.772†	1414.0	25.63	ug/L	0.509	25.63	ug/L	0.509	1.99%
Cu 324.752†	741.0	2.641	ug/L	0.1666	2.641	ug/L	0.1666	6.31%
S 181.975†	2461.6	10520	ug/L	45.7	10520	ug/L	45.7	0.43%
Zr 343.823†	54.3	0.067	ug/L	0.0385	0.067	ug/L	0.0385	57.28%

Sequence No.: 63
Sample ID: 220-12080-a-14-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 5/6/2010 2:56:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12080-a-14-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	923767.1	0.905	mg/L	0.0063				0.70%
Y (radial)	84718.9	0.944	mg/L	0.0179				1.89%
Ag 328.068†	2.6	0.096	ug/L	0.1389	0.096	ug/L	0.1389	144.41%
Al 396.153†	115.9	12.91	ug/L	8.825	12.91	ug/L	8.825	68.38%
As 188.979†	-7.7	-6.166	ug/L	5.6644	-6.166	ug/L	5.6644	91.86%
Ba 233.527†	5271.1	73.62	ug/L	0.406	73.62	ug/L	0.406	0.55%
Be 313.107†	-386.0	-0.203	ug/L	0.0654	-0.203	ug/L	0.0654	32.14%
Ca 317.933†	173761.1	19460	ug/L	477.3	19460	ug/L	477.3	2.45%
Cd 214.440†	4.3	0.054	ug/L	0.0144	0.054	ug/L	0.0144	26.56%
Co 228.616†	129.1	6.562	ug/L	0.8950	6.562	ug/L	0.8950	13.64%
Cr 267.716†	10.4	0.283	ug/L	0.0650	0.283	ug/L	0.0650	22.92%
Fe 238.204†	3227.0	1203	ug/L	1.7	1203	ug/L	1.7	0.14%
K 766.490†	26215.4	2827	ug/L	64.3	2827	ug/L	64.3	2.28%
Mg 285.213†	63464.7	5927	ug/L	11.7	5927	ug/L	11.7	0.20%
Mn 257.610†	417555.7	812.8	ug/L	2.20	812.8	ug/L	2.20	0.27%
Mo 202.031†	-0.9	-0.137	ug/L	0.9159	-0.137	ug/L	0.9159	668.03%
Na 589.592†	1352694.1	117000	ug/L	3385.3	117000	ug/L	3385.3	2.89%
Ni 231.604†	221.7	22.93	ug/L	0.431	22.93	ug/L	0.431	1.88%
Pb 220.353†	-2.9	-1.453	ug/L	2.6878	-1.453	ug/L	2.6878	185.02%
Sb 206.836†	-1.3	-0.825	ug/L	1.5795	-0.825	ug/L	1.5795	191.44%
Se 196.026†	-0.4	0.088	ug/L	9.1461	0.088	ug/L	9.1461	>999.9%
V 311.071†	601.1	2.234	ug/L	0.0581	2.234	ug/L	0.0581	2.60%
Sn 189.927†	-0.4	-0.209	ug/L	1.3947	-0.209	ug/L	1.3947	668.79%
Sr 421.552†	154665.9	209.6	ug/L	6.05	209.6	ug/L	6.05	2.89%
Tl 190.801†	-7.9	-5.541	ug/L	5.3927	-5.541	ug/L	5.3927	97.32%
Zn 206.200†	322.2	28.25	ug/L	0.167	28.25	ug/L	0.167	0.59%
Ti 334.940†	-130.2	-0.156	ug/L	0.0352	-0.156	ug/L	0.0352	22.61%
B 249.772†	1260.8	23.58	ug/L	0.636	23.58	ug/L	0.636	2.70%
Cu 324.752†	512.7	1.849	ug/L	0.1638	1.849	ug/L	0.1638	8.86%
S 181.975†	2346.0	10030	ug/L	40.3	10030	ug/L	40.3	0.40%
Zr 343.823†	2.6	-0.059	ug/L	0.0133	-0.059	ug/L	0.0133	22.39%

Sequence No.: 65
Sample ID: mb 220-38211/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 5/6/2010 3:03:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-38211/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	981952.7	0.962	mg/L	0.0109				1.14%
Y (radial)	88641.3	0.988	mg/L	0.0061				0.62%
Ag 328.068†	59.3	0.334	ug/L	0.0108	0.334	ug/L	0.0108	3.24%
Al 396.153†	-114.1	-12.71	ug/L	5.763	-12.71	ug/L	5.763	45.36%
As 188.979†	-3.9	-3.213	ug/L	6.9524	-3.213	ug/L	6.9524	216.35%
Ba 233.527†	4.0	0.056	ug/L	0.0480	0.056	ug/L	0.0480	86.49%
Be 313.107†	-130.0	-0.068	ug/L	0.0348	-0.068	ug/L	0.0348	50.77%
Ca 317.933†	-413.2	-46.28	ug/L	0.542	-46.28	ug/L	0.542	1.17%
Cd 214.440†	3.8	0.081	ug/L	0.0273	0.081	ug/L	0.0273	33.68%
Co 228.616†	1.8	0.094	ug/L	0.4062	0.094	ug/L	0.4062	430.75%
Cr 267.716†	-1.9	-0.047	ug/L	0.1017	-0.047	ug/L	0.1017	217.57%
Fe 238.204†	-0.4	-0.134	ug/L	2.4035	-0.134	ug/L	2.4035	>999.9%
K 766.490†	130.0	14.02	ug/L	1.903	14.02	ug/L	1.903	13.58%
Mg 285.213†	-0.9	-0.081	ug/L	0.3691	-0.081	ug/L	0.3691	458.14%
Mn 257.610†	19.3	0.037	ug/L	0.0432	0.037	ug/L	0.0432	115.11%
Mo 202.031†	0.8	0.164	ug/L	1.6868	0.164	ug/L	1.6868	>999.9%
Na 589.592†	304.6	26.34	ug/L	1.645	26.34	ug/L	1.645	6.24%
Ni 231.604†	10.8	1.122	ug/L	0.8276	1.122	ug/L	0.8276	73.79%
Pb 220.353†	18.8	8.424	ug/L	2.3005	8.424	ug/L	2.3005	27.31%
Sb 206.836†	3.2	2.096	ug/L	1.1544	2.096	ug/L	1.1544	55.08%
Se 196.026†	-2.3	-3.608	ug/L	2.3394	-3.608	ug/L	2.3394	64.83%
V 311.071†	-35.4	-0.138	ug/L	0.1745	-0.138	ug/L	0.1745	126.49%
Sn 189.927†	13.1	6.386	ug/L	2.9286	6.386	ug/L	2.9286	45.86%
Sr 421.552†	-222.3	-0.301	ug/L	0.0696	-0.301	ug/L	0.0696	23.09%
Tl 190.801†	1.5	1.054	ug/L	0.6520	1.054	ug/L	0.6520	61.83%
Zn 206.200†	484.7	42.50	ug/L	0.585	42.50	ug/L	0.585	1.38%
Ti 334.940†	-48.4	-0.058	ug/L	0.0107	-0.058	ug/L	0.0107	18.42%
B 249.772†	-117.1	-2.675	ug/L	0.6627	-2.675	ug/L	0.6627	24.77%
Cu 324.752†	21342.2	69.28	ug/L	0.024	69.28	ug/L	0.024	0.03%
S 181.975†	16.3	69.34	ug/L	2.961	69.34	ug/L	2.961	4.27%
Zr 343.823†	948.9	2.662	ug/L	0.0172	2.662	ug/L	0.0172	0.65%

Sequence No.: 66
Sample ID: lcs 220-38211/2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 5/6/2010 3:06:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lcs 220-38211/2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	982212.6	0.962	mg/L	0.0109				1.13%
Y (radial)	93052.7	1.037	mg/L	0.0087				0.84%
Ag 328.068†	54202.2	307.5	ug/L	0.07	307.5	ug/L	0.07	0.02%
Al 396.153†	52422.7	5795	ug/L	17.3	5795	ug/L	17.3	0.30%
As 188.979†	1276.8	1041	ug/L	22.7	1041	ug/L	22.7	2.18%
Ba 233.527†	22496.8	314.5	ug/L	1.19	314.5	ug/L	1.19	0.38%
Be 313.107†	197294.9	107.7	ug/L	0.15	107.7	ug/L	0.15	0.14%
Ca 317.933†	262523.7	29400	ug/L	77.3	29400	ug/L	77.3	0.26%
Cd 214.440†	14213.6	303.9	ug/L	4.38	303.9	ug/L	4.38	1.44%
Co 228.616†	6520.7	331.5	ug/L	3.17	331.5	ug/L	3.17	0.96%
Cr 267.716†	12745.7	311.7	ug/L	3.51	311.7	ug/L	3.51	1.13%
Fe 238.204†	66194.5	24680	ug/L	62.6	24680	ug/L	62.6	0.25%
K 766.490†	177364.7	19120	ug/L	2.2	19120	ug/L	2.2	0.01%
Mg 285.213†	162805.5	15220	ug/L	13.4	15220	ug/L	13.4	0.09%
Mn 257.610†	108225.4	210.0	ug/L	0.65	210.0	ug/L	0.65	0.31%
Mo 202.031†	4744.7	1012	ug/L	10.3	1012	ug/L	10.3	1.01%
Na 589.592†	340018.6	29400	ug/L	452.2	29400	ug/L	452.2	1.54%
Ni 231.604†	3169.1	328.0	ug/L	3.12	328.0	ug/L	3.12	0.95%
Pb 220.353†	2338.8	1048	ug/L	10.7	1048	ug/L	10.7	1.02%
Sb 206.836†	1537.1	997.7	ug/L	9.98	997.7	ug/L	9.98	1.00%
Se 196.026†	299.2	486.3	ug/L	11.82	486.3	ug/L	11.82	2.43%
V 311.071†	82270.7	310.0	ug/L	1.04	310.0	ug/L	1.04	0.34%
Sn 189.927†	2038.0	997.9	ug/L	9.55	997.9	ug/L	9.55	0.96%
Sr 421.552†	18.3	0.025	ug/L	0.0657	0.025	ug/L	0.0657	264.38%
Tl 190.801†	1455.7	1035	ug/L	9.8	1035	ug/L	9.8	0.94%
Zn 206.200†	3455.3	305.6	ug/L	2.27	305.6	ug/L	2.27	0.74%
Ti 334.940†	835249.0	1000	ug/L	1.1	1000	ug/L	1.1	0.11%
B 249.772†	46702.2	960.2	ug/L	0.67	960.2	ug/L	0.67	0.07%
Cu 324.752†	100483.9	330.0	ug/L	0.07	330.0	ug/L	0.07	0.02%
S 181.975†	10207.3	43520	ug/L	359.3	43520	ug/L	359.3	0.83%
Zr 343.823†	367366.1	1029	ug/L	2.7	1029	ug/L	2.7	0.26%

Sequence No.: 67
Sample ID: 220-12131-a-1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 5/6/2010 3:10:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12131-a-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	912917.6	0.894	mg/L	0.0146				1.64%
Y (radial)	86005.2	0.959	mg/L	0.0024				0.25%
Ag 328.068†	-156.3	-0.229	ug/L	0.0716	-0.229	ug/L	0.0716	31.31%
Al 396.153†	43000.3	4786	ug/L	28.2	4786	ug/L	28.2	0.59%
As 188.979†	2.3	2.688	ug/L	5.1110	2.688	ug/L	5.1110	190.17%
Ba 233.527†	46958.0	655.8	ug/L	0.69	655.8	ug/L	0.69	0.11%
Be 313.107†	244.8	0.190	ug/L	0.0079	0.190	ug/L	0.0079	4.17%
Ca 317.933†	839191.6	93980	ug/L	246.8	93980	ug/L	246.8	0.26%
Cd 214.440†	-9.3	-0.510	ug/L	0.1860	-0.510	ug/L	0.1860	36.45%
Co 228.616†	79.2	3.695	ug/L	0.4729	3.695	ug/L	0.4729	12.80%
Cr 267.716†	217.7	5.542	ug/L	0.2440	5.542	ug/L	0.2440	4.40%
Fe 238.204†	26662.7	9938	ug/L	20.5	9938	ug/L	20.5	0.21%
K 766.490†	31672.7	3415	ug/L	19.9	3415	ug/L	19.9	0.58%
Mg 285.213†	306058.2	28590	ug/L	5.9	28590	ug/L	5.9	0.02%
Mn 257.610†	151181.6	293.1	ug/L	0.19	293.1	ug/L	0.19	0.07%
Mo 202.031†	-48.0	-9.842	ug/L	0.2514	-9.842	ug/L	0.2514	2.55%
Na 589.592†	591670.6	51160	ug/L	18.5	51160	ug/L	18.5	0.04%
Ni 231.604†	102.0	10.55	ug/L	0.994	10.55	ug/L	0.994	9.42%
Pb 220.353†	16.8	6.765	ug/L	0.1675	6.765	ug/L	0.1675	2.48%
Sb 206.836†	-2.4	-1.715	ug/L	6.7399	-1.715	ug/L	6.7399	393.10%
Se 196.026†	-21.3	-27.01	ug/L	10.612	-27.01	ug/L	10.612	39.28%
V 311.071†	2629.0	9.447	ug/L	0.5140	9.447	ug/L	0.5140	5.44%
Sn 189.927†	17.3	8.495	ug/L	1.9142	8.495	ug/L	1.9142	22.53%
Sr 421.552†	2042226.3	2768	ug/L	3.9	2768	ug/L	3.9	0.14%
Tl 190.801†	-20.3	-13.54	ug/L	1.248	-13.54	ug/L	1.248	9.22%
Zn 206.200†	614.6	53.94	ug/L	1.396	53.94	ug/L	1.396	2.59%
Ti 334.940†	12543.1	15.02	ug/L	0.032	15.02	ug/L	0.032	0.21%
B 249.772†	14094.3	278.9	ug/L	4.60	278.9	ug/L	4.60	1.65%
Cu 324.752†	5923.9	20.76	ug/L	0.105	20.76	ug/L	0.105	0.51%
S 181.975†	1537.4	6816	ug/L	95.8	6816	ug/L	95.8	1.41%
Zr 343.823†	1182.3	2.766	ug/L	0.2246	2.766	ug/L	0.2246	8.12%

Sequence No.: 68
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 3:13:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	951067.9	0.932	mg/L	0.0061				0.65%
Y (radial)	89202.8	0.994	mg/L	0.0137				1.37%
Ag 328.068†	51773.6	292.5	ug/L	0.33	292.5	ug/L	0.33	0.11%
QC value within limits for Ag 328.068 Recovery = 97.51%								
Al 396.153†	46295.0	5133	ug/L	4.3	5133	ug/L	4.3	0.08%
QC value within limits for Al 396.153 Recovery = 96.84%								
As 188.979†	361.0	294.5	ug/L	1.62	294.5	ug/L	1.62	0.55%
QC value within limits for As 188.979 Recovery = 98.15%								
Ba 233.527†	21678.5	303.4	ug/L	0.03	303.4	ug/L	0.03	0.01%
QC value within limits for Ba 233.527 Recovery = 101.12%								
Be 313.107†	579522.2	306.4	ug/L	0.18	306.4	ug/L	0.18	0.06%
QC value within limits for Be 313.107 Recovery = 102.13%								
Ca 317.933†	158991.2	17800	ug/L	12.3	17800	ug/L	12.3	0.07%
QC value within limits for Ca 317.933 Recovery = 94.96%								
Cd 214.440†	13939.1	298.6	ug/L	1.33	298.6	ug/L	1.33	0.45%
QC value within limits for Cd 214.440 Recovery = 99.53%								
Co 228.616†	6311.1	321.9	ug/L	1.25	321.9	ug/L	1.25	0.39%
QC value within limits for Co 228.616 Recovery = 107.29%								
Cr 267.716†	12508.7	305.4	ug/L	1.24	305.4	ug/L	1.24	0.41%
QC value within limits for Cr 267.716 Recovery = 101.80%								
Fe 238.204†	13474.0	5027	ug/L	10.5	5027	ug/L	10.5	0.21%
QC value within limits for Fe 238.204 Recovery = 100.54%								
K 766.490†	360863.0	38910	ug/L	342.2	38910	ug/L	342.2	0.88%
QC value within limits for K 766.490 Recovery = 97.27%								
Mg 285.213†	194839.6	18200	ug/L	21.0	18200	ug/L	21.0	0.12%
QC value within limits for Mg 285.213 Recovery = 97.05%								
Mn 257.610†	155481.5	301.9	ug/L	0.59	301.9	ug/L	0.59	0.20%
QC value within limits for Mn 257.610 Recovery = 100.64%								
Mo 202.031†	2354.9	501.9	ug/L	0.03	501.9	ug/L	0.03	0.01%
QC value within limits for Mo 202.031 Recovery = 100.39%								
Na 589.592†	457959.3	39600	ug/L	386.5	39600	ug/L	386.5	0.98%
QC value within limits for Na 589.592 Recovery = 99.00%								
Ni 231.604†	3098.3	320.6	ug/L	1.74	320.6	ug/L	1.74	0.54%
QC value within limits for Ni 231.604 Recovery = 106.88%								
Pb 220.353†	667.2	300.3	ug/L	2.44	300.3	ug/L	2.44	0.81%
QC value within limits for Pb 220.353 Recovery = 100.10%								
Sb 206.836†	433.2	280.5	ug/L	11.17	280.5	ug/L	11.17	3.98%
QC value within limits for Sb 206.836 Recovery = 93.50%								
Se 196.026†	177.8	283.3	ug/L	9.21	283.3	ug/L	9.21	3.25%
QC value within limits for Se 196.026 Recovery = 94.45%								
V 311.071†	76876.6	294.9	ug/L	0.08	294.9	ug/L	0.08	0.03%
QC value within limits for V 311.071 Recovery = 98.32%								
Sn 189.927†	1049.8	514.0	ug/L	0.07	514.0	ug/L	0.07	0.01%
QC value within limits for Sn 189.927 Recovery = 102.80%								
Sr 421.552†	381634.2	517.2	ug/L	4.85	517.2	ug/L	4.85	0.94%
QC value within limits for Sr 421.552 Recovery = 103.43%								
Tl 190.801†	435.7	311.9	ug/L	8.69	311.9	ug/L	8.69	2.79%
QC value within limits for Tl 190.801 Recovery = 103.95%								
Zn 206.200†	3496.0	309.2	ug/L	0.16	309.2	ug/L	0.16	0.05%
QC value within limits for Zn 206.200 Recovery = 103.05%								
Ti 334.940†	428670.4	513.3	ug/L	0.52	513.3	ug/L	0.52	0.10%
QC value within limits for Ti 334.940 Recovery = 102.66%								
B 249.772†	21883.3	478.4	ug/L	0.14	478.4	ug/L	0.14	0.03%
QC value within limits for B 249.772 Recovery = 95.68%								
Cu 324.752†	97008.8	315.7	ug/L	0.23	315.7	ug/L	0.23	0.07%
QC value within limits for Cu 324.752 Recovery = 105.23%								
S 181.975†	2330.5	10080	ug/L	28.8	10080	ug/L	28.8	0.29%
QC value within limits for S 181.975 Recovery = 100.83%								
Zr 343.823†	108591.0	304.3	ug/L	0.09	304.3	ug/L	0.09	0.03%
QC value within limits for Zr 343.823 Recovery = 101.45%								

All analyte(s) passed QC.

Sequence No.: 69
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 3:16:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1003961.1	0.983	mg/L	0.0164				1.66%
Y (radial)	89686.2	1.000	mg/L	0.0003				0.03%
Ag 328.068†	30.0	0.167	ug/L	0.1669	0.167	ug/L	0.1669	99.63%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	128.4	14.22	ug/L	3.299	14.22	ug/L	3.299	23.19%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-6.0	-4.937	ug/L	0.9315	-4.937	ug/L	0.9315	18.87%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	12.1	0.169	ug/L	0.1752	0.169	ug/L	0.1752	103.98%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-39.8	-0.020	ug/L	0.0208	-0.020	ug/L	0.0208	102.35%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-7.9	-0.890	ug/L	0.1024	-0.890	ug/L	0.1024	11.50%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	6.7	0.143	ug/L	0.0059	0.143	ug/L	0.0059	4.09%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-5.8	-0.297	ug/L	0.3449	-0.297	ug/L	0.3449	116.16%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	2.1	0.050	ug/L	0.2834	0.050	ug/L	0.2834	566.95%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	3.3	1.212	ug/L	1.0790	1.212	ug/L	1.0790	89.01%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-91.2	-9.834	ug/L	12.4407	-9.834	ug/L	12.4407	126.50%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	25.5	2.378	ug/L	0.7571	2.378	ug/L	0.7571	31.85%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-6.5	-0.013	ug/L	0.0314	-0.013	ug/L	0.0314	246.97%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	8.3	1.772	ug/L	1.1171	1.772	ug/L	1.1171	63.05%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-91.1	-7.875	ug/L	7.8312	-7.875	ug/L	7.8312	99.44%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	4.8	0.495	ug/L	1.4133	0.495	ug/L	1.4133	285.34%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-6.0	-2.672	ug/L	3.5655	-2.672	ug/L	3.5655	133.45%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	4.4	2.839	ug/L	0.9199	2.839	ug/L	0.9199	32.40%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-4.7	-7.442	ug/L	11.4977	-7.442	ug/L	11.4977	154.50%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-126.9	-0.499	ug/L	0.9016	-0.499	ug/L	0.9016	180.54%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	7.2	3.490	ug/L	4.8659	3.490	ug/L	4.8659	139.44%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	1.8	0.002	ug/L	0.0571	0.002	ug/L	0.0571	>999.9%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	3.7	2.584	ug/L	3.6314	2.584	ug/L	3.6314	140.55%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	7.9	0.690	ug/L	0.2520	0.690	ug/L	0.2520	36.52%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	115.6	0.138	ug/L	0.0102	0.138	ug/L	0.0102	7.34%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	201.8	4.608	ug/L	0.5539	4.608	ug/L	0.5539	12.02%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	28.9	0.094	ug/L	0.0112	0.094	ug/L	0.0112	11.95%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	3.0	12.58	ug/L	21.576	12.58	ug/L	21.576	171.45%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	52.4	0.147	ug/L	0.0046	0.147	ug/L	0.0046	3.10%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 70
Sample ID: 220-12081-h-4
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 5/6/2010 3:19:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	846532.2	0.829	mg/L	0.0088				1.06%
Y (radial)	84310.2	0.940	mg/L	0.0014				0.15%
Ag 328.068†	-1087.8	0.641	ug/L	0.4530	0.641	ug/L	0.4530	70.66%
Al 396.153†	338651.2	37690	ug/L	6.5	37690	ug/L	6.5	0.02%
As 188.979†	28.9	32.84	ug/L	2.992	32.84	ug/L	2.992	9.11%
Ba 233.527†	193312.4	2699	ug/L	28.5	2699	ug/L	28.5	1.06%
Be 313.107†	858.4	2.878	ug/L	0.1092	2.878	ug/L	0.1092	3.80%
Ca 317.933†	3259578.7	365000	ug/L	1362.8	365000	ug/L	1362.8	0.37%
Cd 214.440†	201.9	1.089	ug/L	0.6405	1.089	ug/L	0.6405	58.81%
Co 228.616†	953.0	44.17	ug/L	0.014	44.17	ug/L	0.014	0.03%
Cr 267.716†	3854.3	96.40	ug/L	0.001	96.40	ug/L	0.001	0.00%
Fe 238.204†	277283.6	103400	ug/L	111.0	103400	ug/L	111.0	0.11%
K 766.490†	1564493.0	168700	ug/L	12.7	168700	ug/L	12.7	0.01%
Mg 285.213†	2018550.3	188600	ug/L	375.2	188600	ug/L	375.2	0.20%
Mn 257.610†	2902318.6	5643	ug/L	9.2	5643	ug/L	9.2	0.16%
Mo 202.031†	57.7	16.33	ug/L	2.015	16.33	ug/L	2.015	12.33%
Na 589.592†	Saturated2							
Ni 231.604†	1663.2	172.0	ug/L	0.92	172.0	ug/L	0.92	0.53%
Pb 220.353†	2099.7	931.8	ug/L	3.41	931.8	ug/L	3.41	0.37%
Sb 206.836†	-8.9	-6.807	ug/L	0.2262	-6.807	ug/L	0.2262	3.32%
Se 196.026†	-76.9	-54.66	ug/L	13.712	-54.66	ug/L	13.712	25.08%
V 311.071†	26649.2	92.20	ug/L	1.629	92.20	ug/L	1.629	1.77%
Sn 189.927†	19.9	12.85	ug/L	0.948	12.85	ug/L	0.948	7.38%
Sr 421.552†	3456844.7	4685	ug/L	13.8	4685	ug/L	13.8	0.29%
Tl 190.801†	-34.1	-10.57	ug/L	6.988	-10.57	ug/L	6.988	66.11%
Zn 206.200†	8543.7	750.0	ug/L	1.43	750.0	ug/L	1.43	0.19%
Ti 334.940†	494935.1	592.6	ug/L	0.00	592.6	ug/L	0.00	0.00%
B 249.772†	89216.0	1589	ug/L	35.3	1589	ug/L	35.3	2.22%
Cu 324.752†	154569.9	517.7	ug/L	6.81	517.7	ug/L	6.81	1.32%
S 181.975†	3067.8	14910	ug/L	94.4	14910	ug/L	94.4	0.63%
Zr 343.823†	3869.0	5.126	ug/L	0.1919	5.126	ug/L	0.1919	3.74%

Sequence No.: 71
Sample ID: 220-12081-h-4-i du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 5/6/2010 3:23:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-i du

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	844967.4	0.828	mg/L	0.0003				0.03%
Y (radial)	84503.9	0.942	mg/L	0.0062				0.65%
Ag 328.068†	-990.4	1.224	ug/L	0.3002	1.224	ug/L	0.3002	24.53%
Al 396.153†	345021.0	38400	ug/L	53.4	38400	ug/L	53.4	0.14%
As 188.979†	32.4	35.69	ug/L	0.010	35.69	ug/L	0.010	0.03%
Ba 233.527†	192031.9	2681	ug/L	22.3	2681	ug/L	22.3	0.83%
Be 313.107†	861.8	2.899	ug/L	0.0191	2.899	ug/L	0.0191	0.66%
Ca 317.933†	3299146.7	369500	ug/L	4195.4	369500	ug/L	4195.4	1.14%
Cd 214.440†	206.3	1.165	ug/L	0.1432	1.165	ug/L	0.1432	12.29%
Co 228.616†	969.4	44.98	ug/L	0.520	44.98	ug/L	0.520	1.16%
Cr 267.716†	3913.9	97.87	ug/L	0.142	97.87	ug/L	0.142	0.14%
Fe 238.204†	278812.8	103900	ug/L	40.7	103900	ug/L	40.7	0.04%
K 766.490†	1570536.0	169300	ug/L	1987.0	169300	ug/L	1987.0	1.17%
Mg 285.213†	2047537.0	191300	ug/L	2568.8	191300	ug/L	2568.8	1.34%
Mn 257.610†	2918524.5	5674	ug/L	15.2	5674	ug/L	15.2	0.27%
Mo 202.031†	42.4	13.09	ug/L	2.439	13.09	ug/L	2.439	18.63%
Na 589.592†	Saturated2							
Ni 231.604†	1687.0	174.5	ug/L	1.02	174.5	ug/L	1.02	0.58%
Pb 220.353†	2143.4	951.3	ug/L	12.10	951.3	ug/L	12.10	1.27%
Sb 206.836†	-6.1	-5.064	ug/L	0.7173	-5.064	ug/L	0.7173	14.16%
Se 196.026†	-52.8	-16.39	ug/L	21.209	-16.39	ug/L	21.209	129.41%
V 311.071†	26462.9	91.35	ug/L	0.845	91.35	ug/L	0.845	0.93%
Sn 189.927†	40.1	22.71	ug/L	2.403	22.71	ug/L	2.403	10.58%
Sr 421.552†	3546294.5	4806	ug/L	61.3	4806	ug/L	61.3	1.28%
Tl 190.801†	-39.9	-14.54	ug/L	0.538	-14.54	ug/L	0.538	3.70%
Zn 206.200†	8528.3	748.7	ug/L	0.55	748.7	ug/L	0.55	0.07%
Ti 334.940†	498947.3	597.4	ug/L	1.39	597.4	ug/L	1.39	0.23%
B 249.772†	88788.0	1577	ug/L	15.4	1577	ug/L	15.4	0.98%
Cu 324.752†	154927.8	518.9	ug/L	3.70	518.9	ug/L	3.70	0.71%
S 181.975†	3105.4	15090	ug/L	23.3	15090	ug/L	23.3	0.15%
Zr 343.823†	3653.5	4.490	ug/L	0.1963	4.490	ug/L	0.1963	4.37%

Sequence No.: 72
Sample ID: 220-12081-h-4-j ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 90
Date Collected: 5/6/2010 3:27:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-j ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	867637.8	0.850	mg/L	0.0018				0.22%
Y (radial)	85645.7	0.955	mg/L	0.0017				0.18%
Ag 328.068†	22414.5	133.4	ug/L	1.07	133.4	ug/L	1.07	0.80%
Al 396.153†	396820.2	44120	ug/L	71.5	44120	ug/L	71.5	0.16%
As 188.979†	523.9	433.1	ug/L	6.43	433.1	ug/L	6.43	1.49%
Ba 233.527†	204769.0	2859	ug/L	20.7	2859	ug/L	20.7	0.72%
Be 313.107†	68503.0	42.25	ug/L	0.141	42.25	ug/L	0.141	0.33%
Ca 317.933†	3469932.6	388600	ug/L	969.9	388600	ug/L	969.9	0.25%
Cd 214.440†	5187.3	107.9	ug/L	0.21	107.9	ug/L	0.21	0.19%
Co 228.616†	3288.4	162.5	ug/L	0.18	162.5	ug/L	0.18	0.11%
Cr 267.716†	8560.8	211.3	ug/L	0.16	211.3	ug/L	0.16	0.08%
Fe 238.204†	284376.7	106000	ug/L	642.0	106000	ug/L	642.0	0.61%
K 766.490†	1804608.7	194600	ug/L	2637.7	194600	ug/L	2637.7	1.36%
Mg 285.213†	2174898.0	203200	ug/L	2173.5	203200	ug/L	2173.5	1.07%
Mn 257.610†	2993149.6	5819	ug/L	16.6	5819	ug/L	16.6	0.28%
Mo 202.031†	4571.4	978.1	ug/L	4.78	978.1	ug/L	4.78	0.49%
Na 589.592†	Saturated2							
Ni 231.604†	2803.1	290.0	ug/L	1.94	290.0	ug/L	1.94	0.67%
Pb 220.353†	2989.2	1334	ug/L	11.9	1334	ug/L	11.9	0.89%
Sb 206.836†	1025.4	668.4	ug/L	5.75	668.4	ug/L	5.75	0.86%
Se 196.026†	56.7	157.7	ug/L	5.57	157.7	ug/L	5.57	3.53%
V 311.071†	59199.7	208.3	ug/L	1.03	208.3	ug/L	1.03	0.50%
Sn 189.927†	1563.5	769.6	ug/L	3.97	769.6	ug/L	3.97	0.52%
Sr 421.552†	3640405.4	4933	ug/L	55.7	4933	ug/L	55.7	1.13%
Tl 190.801†	335.4	261.7	ug/L	8.33	261.7	ug/L	8.33	3.18%
Zn 206.200†	9800.0	861.2	ug/L	4.14	861.2	ug/L	4.14	0.48%
Ti 334.940†	1280434.0	1533	ug/L	2.8	1533	ug/L	2.8	0.19%
B 249.772†	142431.5	2794	ug/L	10.7	2794	ug/L	10.7	0.38%
Cu 324.752†	201789.7	671.4	ug/L	0.25	671.4	ug/L	0.25	0.04%
S 181.975†	14309.3	62820	ug/L	55.5	62820	ug/L	55.5	0.09%
Zr 343.823†	219631.5	610.2	ug/L	2.26	610.2	ug/L	2.26	0.37%

Sequence No.: 73
Sample ID: 220-12091-f-4-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 91
Date Collected: 5/6/2010 3:30:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12091-f-4-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1000045.3	0.980	mg/L	0.0344				3.52%
Y (radial)	91251.9	1.017	mg/L	0.0041				0.40%
Ag 328.068†	17.4	0.099	ug/L	0.2250	0.099	ug/L	0.2250	226.90%
Al 396.153†	-59.5	-6.681	ug/L	10.8539	-6.681	ug/L	10.8539	162.45%
As 188.979†	-5.6	-4.583	ug/L	0.1693	-4.583	ug/L	0.1693	3.70%
Ba 233.527†	17.6	0.244	ug/L	0.0497	0.244	ug/L	0.0497	20.34%
Be 313.107†	-56.7	-0.028	ug/L	0.0320	-0.028	ug/L	0.0320	115.07%
Ca 317.933†	-208.4	-23.34	ug/L	1.275	-23.34	ug/L	1.275	5.46%
Cd 214.440†	8.3	0.177	ug/L	0.2082	0.177	ug/L	0.2082	117.83%
Co 228.616†	-2.7	-0.137	ug/L	0.2455	-0.137	ug/L	0.2455	178.56%
Cr 267.716†	0.3	0.007	ug/L	0.1279	0.007	ug/L	0.1279	>999.9%
Fe 238.204†	84.3	31.44	ug/L	1.563	31.44	ug/L	1.563	4.97%
K 766.490†	1031.1	111.2	ug/L	12.28	111.2	ug/L	12.28	11.05%
Mg 285.213†	46.0	4.322	ug/L	0.3505	4.322	ug/L	0.3505	8.11%
Mn 257.610†	100.9	0.196	ug/L	0.0654	0.196	ug/L	0.0654	33.30%
Mo 202.031†	7.3	1.558	ug/L	0.6877	1.558	ug/L	0.6877	44.15%
Na 589.592†	3446.2	298.0	ug/L	8.92	298.0	ug/L	8.92	2.99%
Ni 231.604†	7.9	0.818	ug/L	0.5957	0.818	ug/L	0.5957	72.84%
Pb 220.353†	-6.0	-2.689	ug/L	3.9214	-2.689	ug/L	3.9214	145.85%
Sb 206.836†	3.1	2.029	ug/L	0.7941	2.029	ug/L	0.7941	39.13%
Se 196.026†	2.8	4.481	ug/L	4.7909	4.481	ug/L	4.7909	106.91%
V 311.071†	-51.0	-0.207	ug/L	0.0443	-0.207	ug/L	0.0443	21.46%
Sn 189.927†	6.4	3.135	ug/L	0.6343	3.135	ug/L	0.6343	20.23%
Sr 421.552†	-248.6	-0.337	ug/L	0.0204	-0.337	ug/L	0.0204	6.05%
Tl 190.801†	-0.7	-0.457	ug/L	2.9368	-0.457	ug/L	2.9368	641.98%
Zn 206.200†	23.5	2.059	ug/L	0.5257	2.059	ug/L	0.5257	25.54%
Ti 334.940†	403.5	0.483	ug/L	0.0140	0.483	ug/L	0.0140	2.90%
B 249.772†	1252.2	28.49	ug/L	2.459	28.49	ug/L	2.459	8.63%
Cu 324.752†	33.0	0.112	ug/L	0.1436	0.112	ug/L	0.1436	128.36%
S 181.975†	17.0	72.09	ug/L	10.189	72.09	ug/L	10.189	14.13%
Zr 343.823†	489.2	1.371	ug/L	0.1066	1.371	ug/L	0.1066	7.78%

Sequence No.: 74
Sample ID: 220-12092-b-1-a
Analyst:
Initial Sample Wt:
Dilution:

1:5 Dil
MH 5/6/10

Autosampler Location: 92
Date Collected: 5/6/2010 3:34:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-b-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1011736.7	0.991	mg/L	0.0039				0.39%
Y (radial)	95823.9	1.068	mg/L	0.0055				0.51%
Ag 328.068†	-1109.4	1.101	ug/L	0.1258	1.101	ug/L	0.1258	11.43%
Al 396.153†	267018.6	29710	ug/L	4.6	29710	ug/L	4.6	0.02%
As 188.979†	13.3	22.32	ug/L	4.121	22.32	ug/L	4.121	18.47%
Ba 233.527†	20393.4	283.0	ug/L	5.03	283.0	ug/L	5.03	1.78%
Be 313.107†	-7982.4	2.714	ug/L	0.0806	2.714	ug/L	0.0806	2.97%
Ca 317.933†	65986.7	7390	ug/L	15.6	7390	ug/L	15.6	0.21%
Cd 214.440†	140.0	-0.528	ug/L	0.1686	-0.528	ug/L	0.1686	31.93%
Co 228.616†	969.4	42.28	ug/L	1.285	42.28	ug/L	1.285	3.04%
Cr 267.716†	9459.8	233.3	ug/L	2.14	233.3	ug/L	2.14	0.92%
Fe 238.204†	302191.7	112600	ug/L	103.9	112600	ug/L	103.9	0.09%
K 766.490†	53844.3	5806	ug/L	17.1	5806	ug/L	17.1	0.29%
Mg 285.213†	107997.3	10180	ug/L	5.7	10180	ug/L	5.7	0.06%
Mn 257.610†	2446602.8	4763	ug/L	11.1	4763	ug/L	11.1	0.23%
Mo 202.031†	132.1	32.54	ug/L	0.785	32.54	ug/L	0.785	2.41%
Na 589.592†	239467.0	20710	ug/L	26.6	20710	ug/L	26.6	0.13%
Ni 231.604†	1428.9	147.8	ug/L	0.16	147.8	ug/L	0.16	0.11%
Pb 220.353†	120.9	43.69	ug/L	2.386	43.69	ug/L	2.386	5.46%
Sb 206.836†	-1.1	-3.600	ug/L	0.1950	-3.600	ug/L	0.1950	5.42%
Se 196.026†	-49.4	-6.626	ug/L	0.9768	-6.626	ug/L	0.9768	14.74%
V 311.071†	26344.1	80.87	ug/L	2.299	80.87	ug/L	2.299	2.84%
Sn 189.927†	-8.6	4.731	ug/L	3.1940	4.731	ug/L	3.1940	67.51%
Sr 421.552†	46812.2	63.44	ug/L	0.134	63.44	ug/L	0.134	0.21%
Tl 190.801†	-39.3	1.683	ug/L	9.8036	1.683	ug/L	9.8036	582.33%
Zn 206.200†	1382.5	123.2	ug/L	1.22	123.2	ug/L	1.22	0.99%
Ti 334.940†	1408090.9	1686	ug/L	2.9	1686	ug/L	2.9	0.17%
B 249.772†	21112.1	-8.036	ug/L	10.4356	-8.036	ug/L	10.4356	129.87%
Cu 324.752†	27833.3	107.7	ug/L	0.79	107.7	ug/L	0.79	0.74%
S 181.975†	182.0	873.4	ug/L	20.92	873.4	ug/L	20.92	2.40%
Zr 343.823†	2078.5	-0.411	ug/L	0.0501	-0.411	ug/L	0.0501	12.19%

Sequence No.: 75
Sample ID: 220-12092-b-2-a
Analyst:
Initial Sample Wt:
Dilution:

1:5 DI
MK 5/6/10

Autosampler Location: 93
Date Collected: 5/6/2010 3:37:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-b-2-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	979686.5	0.960	mg/L	0.0065				0.68%
Y (radial)	91386.5	1.019	mg/L	0.0056				0.55%
Ag 328.068†	-267.9	0.305	ug/L	0.0537	0.305	ug/L	0.0537	17.61%
Al 396.153†	56839.3	6325	ug/L	7.5	6325	ug/L	7.5	0.12%
As 188.979†	-3.9	-0.145	ug/L	2.0574	-0.145	ug/L	2.0574	>999.9%
Ba 233.527†	5141.8	71.35	ug/L	0.569	71.35	ug/L	0.569	0.80%
Be 313.107†	-1998.9	0.524	ug/L	0.0318	0.524	ug/L	0.0318	6.06%
Ca 317.933†	31279.5	3503	ug/L	2.9	3503	ug/L	2.9	0.08%
Cd 214.440†	42.6	0.041	ug/L	0.0773	0.041	ug/L	0.0773	188.16%
Co 228.616†	190.5	8.017	ug/L	0.6722	8.017	ug/L	0.6722	8.38%
Cr 267.716†	3264.1	80.24	ug/L	0.609	80.24	ug/L	0.609	0.76%
Fe 238.204†	74739.9	27860	ug/L	3.8	27860	ug/L	3.8	0.01%
K 766.490†	13089.0	1411	ug/L	11.4	1411	ug/L	11.4	0.81%
Mg 285.213†	25002.0	2358	ug/L	3.3	2358	ug/L	3.3	0.14%
Mn 257.610†	287597.5	559.9	ug/L	0.96	559.9	ug/L	0.96	0.17%
Mo 202.031†	43.6	10.38	ug/L	0.105	10.38	ug/L	0.105	1.01%
Na 589.592†	124405.9	10760	ug/L	12.5	10760	ug/L	12.5	0.12%
Ni 231.604†	429.4	44.40	ug/L	0.324	44.40	ug/L	0.324	0.73%
Pb 220.353†	26.3	9.078	ug/L	1.5290	9.078	ug/L	1.5290	16.84%
Sb 206.836†	-0.4	-1.309	ug/L	5.0499	-1.309	ug/L	5.0499	385.86%
Se 196.026†	-7.8	5.225	ug/L	9.7471	5.225	ug/L	9.7471	186.56%
V 311.071†	6106.1	18.79	ug/L	0.076	18.79	ug/L	0.076	0.40%
Sn 189.927†	2.0	3.000	ug/L	0.2192	3.000	ug/L	0.2192	7.31%
Sr 421.552†	24278.1	32.90	ug/L	0.211	32.90	ug/L	0.211	0.64%
Tl 190.801†	-5.4	2.988	ug/L	2.6975	2.988	ug/L	2.6975	90.28%
Zn 206.200†	1222.9	107.9	ug/L	0.66	107.9	ug/L	0.66	0.61%
Ti 334.940†	320897.7	384.2	ug/L	0.66	384.2	ug/L	0.66	0.17%
B 249.772†	5544.6	5.397	ug/L	2.1727	5.397	ug/L	2.1727	40.26%
Cu 324.752†	6890.0	26.65	ug/L	0.079	26.65	ug/L	0.079	0.30%
S 181.975†	327.6	1415	ug/L	23.9	1415	ug/L	23.9	1.69%
Zr 343.823†	1128.0	1.620	ug/L	0.0408	1.620	ug/L	0.0408	2.52%

Sequence No.: 76
Sample ID: 220-12092-b-3-a 1:5 dil
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 94
Date Collected: 5/6/2010 3:40:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-b-3-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	973919.0	0.954	mg/L	0.0075				0.79%
Y (radial)	90600.0	1.010	mg/L	0.0056				0.56%
Ag 328.068†	-182.3	-0.026	ug/L	0.0309	-0.026	ug/L	0.0309	116.76%
Al 396.153†	36283.5	4038	ug/L	0.4	4038	ug/L	0.4	0.01%
As 188.979†	-0.2	1.440	ug/L	0.2728	1.440	ug/L	0.2728	18.94%
Ba 233.527†	4144.0	57.63	ug/L	0.335	57.63	ug/L	0.335	0.58%
Be 313.107†	-1076.5	0.302	ug/L	0.0446	0.302	ug/L	0.0446	14.74%
Ca 317.933†	53605.7	6003	ug/L	0.2	6003	ug/L	0.2	0.00%
Cd 214.440†	30.4	0.172	ug/L	0.1039	0.172	ug/L	0.1039	60.52%
Co 228.616†	126.4	5.515	ug/L	0.2108	5.515	ug/L	0.2108	3.82%
Cr 267.716†	1661.6	40.87	ug/L	0.309	40.87	ug/L	0.309	0.76%
Fe 238.204†	41052.5	15300	ug/L	63.8	15300	ug/L	63.8	0.42%
K 766.490†	10533.1	1136	ug/L	2.8	1136	ug/L	2.8	0.25%
Mg 285.213†	24211.1	2273	ug/L	3.0	2273	ug/L	3.0	0.13%
Mn 257.610†	149980.1	291.9	ug/L	0.40	291.9	ug/L	0.40	0.14%
Mo 202.031†	30.2	7.033	ug/L	0.2432	7.033	ug/L	0.2432	3.46%
Na 589.592†	187548.6	16220	ug/L	235.9	16220	ug/L	235.9	1.45%
Ni 231.604†	202.4	20.93	ug/L	0.820	20.93	ug/L	0.820	3.92%
Pb 220.353†	18.5	6.859	ug/L	0.2702	6.859	ug/L	0.2702	3.94%
Sb 206.836†	-5.9	-4.288	ug/L	1.9740	-4.288	ug/L	1.9740	46.03%
Se 196.026†	-10.4	-6.720	ug/L	7.0933	-6.720	ug/L	7.0933	105.56%
V 311.071†	3744.5	11.82	ug/L	0.323	11.82	ug/L	0.323	2.73%
Sn 189.927†	0.6	1.416	ug/L	0.2004	1.416	ug/L	0.2004	14.15%
Sr 421.552†	44875.1	60.81	ug/L	0.074	60.81	ug/L	0.074	0.12%
Tl 190.801†	-10.2	-3.449	ug/L	6.7482	-3.449	ug/L	6.7482	195.65%
Zn 206.200†	781.6	68.89	ug/L	1.118	68.89	ug/L	1.118	1.62%
Ti 334.940†	176951.0	211.9	ug/L	0.49	211.9	ug/L	0.49	0.23%
B 249.772†	3232.2	7.233	ug/L	1.2022	7.233	ug/L	1.2022	16.62%
Cu 324.752†	3865.1	14.90	ug/L	0.452	14.90	ug/L	0.452	3.04%
S 181.975†	91.4	410.6	ug/L	1.36	410.6	ug/L	1.36	0.33%
Zr 343.823†	630.4	0.921	ug/L	0.0805	0.921	ug/L	0.0805	8.75%

Sequence No.: 77
Sample ID: 220-12092-b-4-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 95
Date Collected: 5/6/2010 3:43:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-b-4-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	961311.3	0.942	mg/L	0.0016				0.17%
Y (radial)	91001.4	1.015	mg/L	0.0058				0.57%
Ag 328.068†	57.4	0.397	ug/L	0.0191	0.397	ug/L	0.0191	4.82%
Al 396.153†	-189.3	-21.21	ug/L	3.073	-21.21	ug/L	3.073	14.49%
As 188.979†	-0.6	-0.406	ug/L	7.8494	-0.406	ug/L	7.8494	>999.9%
Ba 233.527†	5955.3	83.18	ug/L	0.481	83.18	ug/L	0.481	0.58%
Be 313.107†	-157.1	-0.085	ug/L	0.0189	-0.085	ug/L	0.0189	22.30%
Ca 317.933†	201787.9	22600	ug/L	39.3	22600	ug/L	39.3	0.17%
Cd 214.440†	4.6	0.064	ug/L	0.3424	0.064	ug/L	0.3424	534.31%
Co 228.616†	351.6	17.94	ug/L	0.982	17.94	ug/L	0.982	5.47%
Cr 267.716†	35.7	0.896	ug/L	0.0873	0.896	ug/L	0.0873	9.74%
Fe 238.204†	2888.7	1077	ug/L	18.5	1077	ug/L	18.5	1.71%
K 766.490†	38721.3	4175	ug/L	7.3	4175	ug/L	7.3	0.18%
Mg 285.213†	51936.7	4850	ug/L	5.2	4850	ug/L	5.2	0.11%
Mn 257.610†	1803956.5	3512	ug/L	10.0	3512	ug/L	10.0	0.28%
Mo 202.031†	17.0	3.658	ug/L	0.9791	3.658	ug/L	0.9791	26.76%
Na 589.592†	1159768.2	100300	ug/L	178.5	100300	ug/L	178.5	0.18%
Ni 231.604†	231.0	23.90	ug/L	1.531	23.90	ug/L	1.531	6.41%
Pb 220.353†	-5.5	-2.598	ug/L	5.7877	-2.598	ug/L	5.7877	222.82%
Sb 206.836†	-4.4	-2.818	ug/L	2.4325	-2.818	ug/L	2.4325	86.32%
Se 196.026†	-1.1	-1.114	ug/L	10.6535	-1.114	ug/L	10.6535	956.75%
V 311.071†	612.4	2.304	ug/L	0.6038	2.304	ug/L	0.6038	26.20%
Sn 189.927†	-8.2	-4.018	ug/L	1.0745	-4.018	ug/L	1.0745	26.74%
Sr 421.552†	123726.7	167.7	ug/L	0.10	167.7	ug/L	0.10	0.06%
Tl 190.801†	-5.1	-3.636	ug/L	0.8743	-3.636	ug/L	0.8743	24.04%
Zn 206.200†	72.8	6.395	ug/L	0.7444	6.395	ug/L	0.7444	11.64%
Ti 334.940†	-477.4	-0.572	ug/L	0.0067	-0.572	ug/L	0.0067	1.17%
B 249.772†	1510.9	29.85	ug/L	0.226	29.85	ug/L	0.226	0.76%
Cu 324.752†	272.5	1.050	ug/L	0.0980	1.050	ug/L	0.0980	9.33%
S 181.975†	1600.8	6850	ug/L	67.1	6850	ug/L	67.1	0.98%
Zr 343.823†	176.5	0.435	ug/L	0.0194	0.435	ug/L	0.0194	4.45%

Sequence No.: 78
Sample ID: 220-12092-a-5-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 96
Date Collected: 5/6/2010 3:46:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-a-5-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	949421.7	0.930	mg/L	0.0016				0.17%
Y (radial)	88678.1	0.989	mg/L	0.0241				2.43%
Ag 328.068†	5.3	0.215	ug/L	0.0292	0.215	ug/L	0.0292	13.55%
Al 396.153†	-14.0	-1.724	ug/L	8.6389	-1.724	ug/L	8.6389	501.18%
As 188.979†	1.6	1.578	ug/L	2.7287	1.578	ug/L	2.7287	172.94%
Ba 233.527†	3777.9	52.72	ug/L	0.318	52.72	ug/L	0.318	0.60%
Be 313.107†	-323.3	-0.171	ug/L	0.0323	-0.171	ug/L	0.0323	18.85%
Ca 317.933†	121322.9	13590	ug/L	24.8	13590	ug/L	24.8	0.18%
Cd 214.440†	8.9	0.101	ug/L	0.0729	0.101	ug/L	0.0729	71.99%
Co 228.616†	197.3	10.00	ug/L	0.072	10.00	ug/L	0.072	0.72%
Cr 267.716†	14.0	0.408	ug/L	0.2033	0.408	ug/L	0.2033	49.83%
Fe 238.204†	7717.4	2877	ug/L	13.6	2877	ug/L	13.6	0.47%
K 766.490†	24079.0	2596	ug/L	6.7	2596	ug/L	6.7	0.26%
Mg 285.213†	34656.9	3238	ug/L	2.7	3238	ug/L	2.7	0.08%
Mn 257.610†	645902.9	1257	ug/L	2.4	1257	ug/L	2.4	0.19%
Mo 202.031†	19.7	4.316	ug/L	0.7494	4.316	ug/L	0.7494	17.36%
Na 589.592†	658408.5	56930	ug/L	1993.1	56930	ug/L	1993.1	3.50%
Ni 231.604†	199.7	20.65	ug/L	0.776	20.65	ug/L	0.776	3.76%
Pb 220.353†	4.8	1.805	ug/L	6.5957	1.805	ug/L	6.5957	365.34%
Sb 206.836†	1.2	0.823	ug/L	0.6099	0.823	ug/L	0.6099	74.11%
Se 196.026†	-13.6	-19.64	ug/L	19.182	-19.64	ug/L	19.182	97.65%
V 311.071†	443.8	1.633	ug/L	0.1670	1.633	ug/L	0.1670	10.22%
Sn 189.927†	0.9	0.422	ug/L	4.0636	0.422	ug/L	4.0636	962.96%
Sr 421.552†	85692.6	116.1	ug/L	3.86	116.1	ug/L	3.86	3.33%
Tl 190.801†	-12.9	-8.998	ug/L	2.1839	-8.998	ug/L	2.1839	24.27%
Zn 206.200†	394.2	34.57	ug/L	0.587	34.57	ug/L	0.587	1.70%
Ti 334.940†	-331.7	-0.397	ug/L	0.0014	-0.397	ug/L	0.0014	0.35%
B 249.772†	1542.9	22.74	ug/L	0.322	22.74	ug/L	0.322	1.42%
Cu 324.752†	265.2	1.303	ug/L	0.0351	1.303	ug/L	0.0351	2.70%
S 181.975†	1897.2	8093	ug/L	30.1	8093	ug/L	30.1	0.37%
Zr 343.823†	107.3	0.142	ug/L	0.0452	0.142	ug/L	0.0452	31.96%

Sequence No.: 79
Sample ID: 220-12092-a-6-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 97
Date Collected: 5/6/2010 3:49:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12092-a-6-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	954022.2	0.934	mg/L	0.0031				0.33%
Y (radial)	87467.1	0.975	mg/L	0.0030				0.31%
Ag 328.068†	-69.1	-0.292	ug/L	0.1244	-0.292	ug/L	0.1244	42.65%
Al 396.153†	102.6	11.44	ug/L	6.067	11.44	ug/L	6.067	53.04%
As 188.979†	4.1	3.542	ug/L	7.4862	3.542	ug/L	7.4862	211.37%
Ba 233.527†	7507.4	104.8	ug/L	0.13	104.8	ug/L	0.13	0.13%
Be 313.107†	-262.3	-0.137	ug/L	0.0064	-0.137	ug/L	0.0064	4.69%
Ca 317.933†	246014.9	27550	ug/L	129.9	27550	ug/L	129.9	0.47%
Cd 214.440†	-4.1	-0.134	ug/L	0.0553	-0.134	ug/L	0.0553	41.38%
Co 228.616†	78.0	3.938	ug/L	0.3583	3.938	ug/L	0.3583	9.10%
Cr 267.716†	25.9	0.666	ug/L	0.1450	0.666	ug/L	0.1450	21.77%
Fe 238.204†	3941.9	1469	ug/L	1.7	1469	ug/L	1.7	0.11%
K 766.490†	31894.4	3439	ug/L	11.9	3439	ug/L	11.9	0.35%
Mg 285.213†	69629.0	6503	ug/L	4.5	6503	ug/L	4.5	0.07%
Mn 257.610†	161004.5	313.2	ug/L	0.74	313.2	ug/L	0.74	0.24%
Mo 202.031†	-2.8	-0.548	ug/L	0.4931	-0.548	ug/L	0.4931	89.91%
Na 589.592†	968433.2	83740	ug/L	119.0	83740	ug/L	119.0	0.14%
Ni 231.604†	88.5	9.155	ug/L	0.4520	9.155	ug/L	0.4520	4.94%
Pb 220.353†	-6.5	-3.089	ug/L	0.7971	-3.089	ug/L	0.7971	25.81%
Sb 206.836†	-2.1	-1.398	ug/L	0.4029	-1.398	ug/L	0.4029	28.82%
Se 196.026†	-16.2	-24.62	ug/L	0.243	-24.62	ug/L	0.243	0.99%
V 311.071†	472.3	1.711	ug/L	0.2712	1.711	ug/L	0.2712	15.85%
Sn 189.927†	-3.1	-1.524	ug/L	0.9553	-1.524	ug/L	0.9553	62.70%
Sr 421.552†	194833.0	264.0	ug/L	0.27	264.0	ug/L	0.27	0.10%
Tl 190.801†	-12.8	-8.963	ug/L	6.8703	-8.963	ug/L	6.8703	76.65%
Zn 206.200†	195.1	17.12	ug/L	0.301	17.12	ug/L	0.301	1.76%
Ti 334.940†	74.9	0.090	ug/L	0.0988	0.090	ug/L	0.0988	110.12%
B 249.772†	1083.1	18.36	ug/L	0.289	18.36	ug/L	0.289	1.58%
Cu 324.752†	180.4	0.811	ug/L	0.0586	0.811	ug/L	0.0586	7.22%
S 181.975†	596.3	2598	ug/L	22.1	2598	ug/L	22.1	0.85%
Zr 343.823†	71.9	0.120	ug/L	0.0103	0.120	ug/L	0.0103	8.52%

Sequence No.: 80
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 3:52:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	944001.2	0.925	mg/L	0.0160				1.73%
Y (radial)	87741.8	0.978	mg/L	0.0244				2.50%
Ag 328.068†	51729.0	292.3	ug/L	0.66	292.3	ug/L	0.66	0.23%
QC value within limits for Ag 328.068 Recovery = 97.43%								
Al 396.153†	46179.1	5120	ug/L	4.9	5120	ug/L	4.9	0.10%
QC value within limits for Al 396.153 Recovery = 96.60%								
As 188.979†	371.9	303.4	ug/L	3.76	303.4	ug/L	3.76	1.24%
QC value within limits for As 188.979 Recovery = 101.13%								
Ba 233.527†	21747.8	304.3	ug/L	0.27	304.3	ug/L	0.27	0.09%
QC value within limits for Ba 233.527 Recovery = 101.44%								
Be 313.107†	579423.3	306.3	ug/L	0.67	306.3	ug/L	0.67	0.22%
QC value within limits for Be 313.107 Recovery = 102.12%								
Ca 317.933†	160262.1	17950	ug/L	24.3	17950	ug/L	24.3	0.14%
QC value within limits for Ca 317.933 Recovery = 95.72%								
Cd 214.440†	14018.8	300.3	ug/L	7.87	300.3	ug/L	7.87	2.62%
QC value within limits for Cd 214.440 Recovery = 100.10%								
Co 228.616†	6364.7	324.6	ug/L	9.28	324.6	ug/L	9.28	2.86%
QC value within limits for Co 228.616 Recovery = 108.20%								
Cr 267.716†	12584.8	307.3	ug/L	8.93	307.3	ug/L	8.93	2.91%
QC value within limits for Cr 267.716 Recovery = 102.42%								
Fe 238.204†	13456.9	5021	ug/L	23.8	5021	ug/L	23.8	0.47%
QC value within limits for Fe 238.204 Recovery = 100.42%								
K 766.490†	366685.7	39540	ug/L	547.6	39540	ug/L	547.6	1.39%
QC value within limits for K 766.490 Recovery = 98.84%								
Mg 285.213†	194077.1	18130	ug/L	14.6	18130	ug/L	14.6	0.08%
QC value within limits for Mg 285.213 Recovery = 96.67%								
Mn 257.610†	155614.6	302.2	ug/L	0.93	302.2	ug/L	0.93	0.31%
QC value within limits for Mn 257.610 Recovery = 100.73%								
Mo 202.031†	2383.0	507.9	ug/L	11.33	507.9	ug/L	11.33	2.23%
QC value within limits for Mo 202.031 Recovery = 101.58%								
Na 589.592†	458102.2	39610	ug/L	645.1	39610	ug/L	645.1	1.63%
QC value within limits for Na 589.592 Recovery = 99.03%								
Ni 231.604†	3144.2	325.4	ug/L	7.96	325.4	ug/L	7.96	2.45%
QC value within limits for Ni 231.604 Recovery = 108.47%								
Pb 220.353†	682.9	307.4	ug/L	12.62	307.4	ug/L	12.62	4.11%
QC value within limits for Pb 220.353 Recovery = 102.45%								
Sb 206.836†	431.0	279.0	ug/L	8.57	279.0	ug/L	8.57	3.07%
QC value within limits for Sb 206.836 Recovery = 93.02%								
Se 196.026†	181.4	288.9	ug/L	18.25	288.9	ug/L	18.25	6.32%
QC value within limits for Se 196.026 Recovery = 96.30%								
V 311.071†	76776.1	294.6	ug/L	0.33	294.6	ug/L	0.33	0.11%
QC value within limits for V 311.071 Recovery = 98.19%								
Sn 189.927†	1032.1	505.4	ug/L	11.65	505.4	ug/L	11.65	2.31%
QC value within limits for Sn 189.927 Recovery = 101.08%								
Sr 421.552†	382512.5	518.4	ug/L	7.47	518.4	ug/L	7.47	1.44%
QC value within limits for Sr 421.552 Recovery = 103.67%								
Tl 190.801†	433.8	310.5	ug/L	7.42	310.5	ug/L	7.42	2.39%
QC value within limits for Tl 190.801 Recovery = 103.51%								
Zn 206.200†	3538.0	312.9	ug/L	8.55	312.9	ug/L	8.55	2.73%
QC value within limits for Zn 206.200 Recovery = 104.28%								
Ti 334.940†	428085.4	512.6	ug/L	1.38	512.6	ug/L	1.38	0.27%
QC value within limits for Ti 334.940 Recovery = 102.52%								
B 249.772†	21654.6	473.2	ug/L	1.50	473.2	ug/L	1.50	0.32%
QC value within limits for B 249.772 Recovery = 94.64%								
Cu 324.752†	96611.0	314.4	ug/L	0.69	314.4	ug/L	0.69	0.22%
QC value within limits for Cu 324.752 Recovery = 104.80%								
S 181.975†	2348.4	10160	ug/L	292.8	10160	ug/L	292.8	2.88%
QC value within limits for S 181.975 Recovery = 101.59%								
Zr 343.823†	108544.1	304.2	ug/L	0.47	304.2	ug/L	0.47	0.15%
QC value within limits for Zr 343.823 Recovery = 101.40%								

All analyte(s) passed QC.

Sequence No.: 81
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 3:56:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1022394.2	1.001	mg/L	0.0035				0.35%
Y (radial)	92009.7	1.026	mg/L	0.0080				0.78%
Ag 328.068†	-3.0	-0.017	ug/L	0.3194	-0.017	ug/L	0.3194	>999.9%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	216.2	23.99	ug/L	5.790	23.99	ug/L	5.790	24.13%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-3.3	-2.684	ug/L	0.7220	-2.684	ug/L	0.7220	26.90%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	5.9	0.082	ug/L	0.0798	0.082	ug/L	0.0798	97.46%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	16.4	0.009	ug/L	0.0222	0.009	ug/L	0.0222	245.11%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-16.5	-1.845	ug/L	1.5283	-1.845	ug/L	1.5283	82.85%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	8.6	0.183	ug/L	0.1585	0.183	ug/L	0.1585	86.43%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	7.9	0.406	ug/L	0.5715	0.406	ug/L	0.5715	140.63%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	5.6	0.137	ug/L	0.0941	0.137	ug/L	0.0941	68.56%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	6.8	2.534	ug/L	0.0816	2.534	ug/L	0.0816	3.22%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	273.2	29.46	ug/L	2.347	29.46	ug/L	2.347	7.97%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	19.1	1.784	ug/L	1.0468	1.784	ug/L	1.0468	58.66%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-2.6	-0.005	ug/L	0.0370	-0.005	ug/L	0.0370	726.70%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	8.2	1.747	ug/L	0.1244	1.747	ug/L	0.1244	7.12%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	363.7	31.45	ug/L	6.615	31.45	ug/L	6.615	21.04%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	1.6	0.168	ug/L	0.0752	0.168	ug/L	0.0752	44.73%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-3.8	-1.680	ug/L	2.7669	-1.680	ug/L	2.7669	164.72%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	7.6	4.933	ug/L	2.2715	4.933	ug/L	2.2715	46.04%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.4	3.707	ug/L	13.3373	3.707	ug/L	13.3373	359.80%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-68.8	-0.271	ug/L	0.2117	-0.271	ug/L	0.2117	78.04%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	7.6	3.716	ug/L	3.7809	3.716	ug/L	3.7809	101.74%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-10.0	-0.014	ug/L	0.0666	-0.014	ug/L	0.0666	492.48%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	4.2	2.976	ug/L	0.2301	2.976	ug/L	0.2301	7.73%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	8.8	0.774	ug/L	0.2078	0.774	ug/L	0.2078	26.84%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	87.1	0.104	ug/L	0.0371	0.104	ug/L	0.0371	35.54%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	206.9	4.719	ug/L	0.6193	4.719	ug/L	0.6193	13.12%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-150.1	-0.487	ug/L	0.1679	-0.487	ug/L	0.1679	34.49%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-1.0	-4.278	ug/L	16.4948	-4.278	ug/L	16.4948	385.56%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	92.2	0.259	ug/L	0.0373	0.259	ug/L	0.0373	14.42%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 83
Sample ID: 220-12094-b-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 5/6/2010 4:02:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12094-b-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	946103.2	0.927	mg/L	0.0103				1.11%
Y (radial)	89671.1	1.000	mg/L	0.0227				2.27%
Ag 328.068†	19.8	0.144	ug/L	0.0512	0.144	ug/L	0.0512	35.46%
Al 396.153†	-178.2	-19.73	ug/L	1.441	-19.73	ug/L	1.441	7.30%
As 188.979†	4.1	3.424	ug/L	5.5755	3.424	ug/L	5.5755	162.82%
Ba 233.527†	2391.3	33.40	ug/L	0.293	33.40	ug/L	0.293	0.88%
Be 313.107†	-246.5	-0.134	ug/L	0.0356	-0.134	ug/L	0.0356	26.59%
Ca 317.933†	408367.7	45730	ug/L	236.0	45730	ug/L	236.0	0.52%
Cd 214.440†	24.0	0.502	ug/L	0.0580	0.502	ug/L	0.0580	11.55%
Co 228.616†	10.5	0.524	ug/L	0.0840	0.524	ug/L	0.0840	16.03%
Cr 267.716†	18.4	0.460	ug/L	0.0906	0.460	ug/L	0.0906	19.71%
Fe 238.204†	1099.3	409.8	ug/L	8.50	409.8	ug/L	8.50	2.07%
K 766.490†	45323.7	4887	ug/L	19.8	4887	ug/L	19.8	0.41%
Mg 285.213†	79878.4	7459	ug/L	6.5	7459	ug/L	6.5	0.09%
Mn 257.610†	997645.0	1942	ug/L	4.1	1942	ug/L	4.1	0.21%
Mo 202.031†	-12.1	-2.552	ug/L	1.2917	-2.552	ug/L	1.2917	50.62%
Na 589.592†	592688.6	51250	ug/L	109.7	51250	ug/L	109.7	0.21%
Ni 231.604†	11.5	1.188	ug/L	0.0011	1.188	ug/L	0.0011	0.09%
Pb 220.353†	20.9	9.295	ug/L	1.5206	9.295	ug/L	1.5206	16.36%
Sb 206.836†	6.1	3.920	ug/L	2.6534	3.920	ug/L	2.6534	67.69%
Se 196.026†	-4.6	-6.971	ug/L	7.5350	-6.971	ug/L	7.5350	108.09%
V 311.071†	739.4	2.776	ug/L	0.2484	2.776	ug/L	0.2484	8.95%
Sn 189.927†	-8.7	-4.223	ug/L	8.4384	-4.223	ug/L	8.4384	199.82%
Sr 421.552†	180704.6	244.9	ug/L	0.95	244.9	ug/L	0.95	0.39%
Tl 190.801†	-6.8	-4.769	ug/L	5.6301	-4.769	ug/L	5.6301	118.05%
Zn 206.200†	3464.8	303.8	ug/L	2.04	303.8	ug/L	2.04	0.67%
Ti 334.940†	-894.3	-1.071	ug/L	0.0194	-1.071	ug/L	0.0194	1.81%
B 249.772†	3329.7	74.33	ug/L	0.740	74.33	ug/L	0.740	1.00%
Cu 324.752†	28323.1	92.01	ug/L	0.570	92.01	ug/L	0.570	0.62%
S 181.975†	4107.1	17530	ug/L	104.8	17530	ug/L	104.8	0.60%
Zr 343.823†	77.6	0.195	ug/L	0.0184	0.195	ug/L	0.0184	9.45%

Sequence No.: 84
Sample ID: 22012095-e-3-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 100
Date Collected: 5/6/2010 4:05:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 22012095-e-3-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	946321.6	0.927	mg/L	0.0158				1.70%
Y (radial)	88228.0	0.984	mg/L	0.0160				1.63%
Ag 328.068†	-56.5	-0.313	ug/L	0.1404	-0.313	ug/L	0.1404	44.81%
Al 396.153†	-338.1	-37.54	ug/L	2.174	-37.54	ug/L	2.174	5.79%
As 188.979†	-4.6	-3.708	ug/L	0.3069	-3.708	ug/L	0.3069	8.28%
Ba 233.527†	4953.5	69.20	ug/L	0.755	69.20	ug/L	0.755	1.09%
Be 313.107†	-308.6	-0.165	ug/L	0.0817	-0.165	ug/L	0.0817	49.53%
Ca 317.933†	175551.2	19660	ug/L	72.4	19660	ug/L	72.4	0.37%
Cd 214.440†	12.3	0.262	ug/L	0.0511	0.262	ug/L	0.0511	19.51%
Co 228.616†	-7.9	-0.408	ug/L	0.0939	-0.408	ug/L	0.0939	23.04%
Cr 267.716†	57.7	1.409	ug/L	0.5289	1.409	ug/L	0.5289	37.54%
Fe 238.204†	44.2	16.47	ug/L	0.430	16.47	ug/L	0.430	2.61%
K 766.490†	29594.9	3191	ug/L	12.2	3191	ug/L	12.2	0.38%
Mg 285.213†	40759.4	3806	ug/L	11.5	3806	ug/L	11.5	0.30%
Mn 257.610†	12892.1	24.93	ug/L	0.023	24.93	ug/L	0.023	0.09%
Mo 202.031†	-9.5	-2.025	ug/L	1.8757	-2.025	ug/L	1.8757	92.64%
Na 589.592†	373413.1	32290	ug/L	115.0	32290	ug/L	115.0	0.36%
Ni 231.604†	36.1	3.735	ug/L	0.2046	3.735	ug/L	0.2046	5.48%
Pb 220.353†	1.0	0.420	ug/L	0.8314	0.420	ug/L	0.8314	197.88%
Sb 206.836†	1.1	0.666	ug/L	3.8261	0.666	ug/L	3.8261	574.85%
Se 196.026†	-6.4	-10.11	ug/L	6.777	-10.11	ug/L	6.777	67.04%
V 311.071†	393.9	1.488	ug/L	0.1828	1.488	ug/L	0.1828	12.29%
Sn 189.927†	-4.0	-1.938	ug/L	0.9023	-1.938	ug/L	0.9023	46.55%
Sr 421.552†	105089.5	142.4	ug/L	0.36	142.4	ug/L	0.36	0.25%
Tl 190.801†	-12.7	-8.924	ug/L	4.4037	-8.924	ug/L	4.4037	49.35%
Zn 206.200†	19.2	1.697	ug/L	0.3675	1.697	ug/L	0.3675	21.66%
Ti 334.940†	-605.9	-0.726	ug/L	0.0023	-0.726	ug/L	0.0023	0.32%
B 249.772†	1154.7	26.33	ug/L	0.559	26.33	ug/L	0.559	2.12%
Cu 324.752†	311.5	1.014	ug/L	0.3110	1.014	ug/L	0.3110	30.68%
S 181.975†	2756.2	11750	ug/L	69.3	11750	ug/L	69.3	0.59%
Zr 343.823†	16.3	0.045	ug/L	0.0010	0.045	ug/L	0.0010	2.12%

Sequence No.: 85
Sample ID: 220-12107-c-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 5/6/2010 4:08:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	973360.4	0.953	mg/L	0.0030				0.32%
Y (radial)	93770.7	1.045	mg/L	0.0034				0.32%
Ag 328.068†	-16.7	-0.055	ug/L	0.0520	-0.055	ug/L	0.0520	95.27%
Al 396.153†	2768.9	308.2	ug/L	5.36	308.2	ug/L	5.36	1.74%
As 188.979†	-8.5	-6.915	ug/L	2.7303	-6.915	ug/L	2.7303	39.48%
Ba 233.527†	6722.6	93.90	ug/L	1.268	93.90	ug/L	1.268	1.35%
Be 313.107†	-130.3	-0.011	ug/L	0.0147	-0.011	ug/L	0.0147	129.55%
Ca 317.933†	215859.3	24170	ug/L	9.3	24170	ug/L	9.3	0.04%
Cd 214.440†	-4.8	-0.119	ug/L	0.0397	-0.119	ug/L	0.0397	33.33%
Co 228.616†	11.0	0.513	ug/L	0.1153	0.513	ug/L	0.1153	22.48%
Cr 267.716†	26.1	0.652	ug/L	0.0781	0.652	ug/L	0.0781	11.98%
Fe 238.204†	1454.6	542.2	ug/L	7.11	542.2	ug/L	7.11	1.31%
K 766.490†	38126.9	4111	ug/L	12.8	4111	ug/L	12.8	0.31%
Mg 285.213†	71153.3	6644	ug/L	19.5	6644	ug/L	19.5	0.29%
Mn 257.610†	30299.0	58.70	ug/L	0.207	58.70	ug/L	0.207	0.35%
Mo 202.031†	-3.0	-0.626	ug/L	0.1372	-0.626	ug/L	0.1372	21.93%
Na 589.592†	362831.0	31370	ug/L	21.5	31370	ug/L	21.5	0.07%
Ni 231.604†	13.6	1.402	ug/L	0.5694	1.402	ug/L	0.5694	40.62%
Pb 220.353†	2.3	0.981	ug/L	0.1524	0.981	ug/L	0.1524	15.54%
Sb 206.836†	-3.6	-2.311	ug/L	6.4888	-2.311	ug/L	6.4888	280.78%
Se 196.026†	-12.7	-19.61	ug/L	26.158	-19.61	ug/L	26.158	133.39%
V 311.071†	530.7	1.791	ug/L	0.0697	1.791	ug/L	0.0697	3.89%
Sn 189.927†	4.0	2.031	ug/L	0.4498	2.031	ug/L	0.4498	22.15%
Sr 421.552†	64523.2	87.44	ug/L	0.043	87.44	ug/L	0.043	0.05%
Tl 190.801†	-10.2	-6.915	ug/L	1.7641	-6.915	ug/L	1.7641	25.51%
Zn 206.200†	117.9	10.34	ug/L	0.321	10.34	ug/L	0.321	3.10%
Ti 334.940†	11635.1	13.93	ug/L	0.912	13.93	ug/L	0.912	6.54%
B 249.772†	1940.2	41.99	ug/L	0.816	41.99	ug/L	0.816	1.94%
Cu 324.752†	2822.7	9.247	ug/L	0.2373	9.247	ug/L	0.2373	2.57%
S 181.975†	3278.6	14000	ug/L	79.1	14000	ug/L	79.1	0.57%
Zr 343.823†	47.7	0.104	ug/L	0.0567	0.104	ug/L	0.0567	54.65%

Sequence No.: 86
Sample ID: 220-12107-c-2-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 5/6/2010 4:12:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-2-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	961881.7	0.942	mg/L	0.0145				1.54%
Y (radial)	91676.3	1.022	mg/L	0.0108				1.06%
Ag 328.068†	-39.1	-0.217	ug/L	0.1060	-0.217	ug/L	0.1060	48.96%
Al 396.153†	-258.3	-28.78	ug/L	10.090	-28.78	ug/L	10.090	35.05%
As 188.979†	-8.4	-6.863	ug/L	5.5734	-6.863	ug/L	5.5734	81.21%
Ba 233.527†	6341.8	88.59	ug/L	1.376	88.59	ug/L	1.376	1.55%
Be 313.107†	-239.9	-0.128	ug/L	0.0093	-0.128	ug/L	0.0093	7.20%
Ca 317.933†	160982.5	18030	ug/L	29.9	18030	ug/L	29.9	0.17%
Cd 214.440†	12.5	0.269	ug/L	0.2043	0.269	ug/L	0.2043	76.08%
Co 228.616†	13.7	0.701	ug/L	0.3086	0.701	ug/L	0.3086	44.05%
Cr 267.716†	10.4	0.254	ug/L	0.0879	0.254	ug/L	0.0879	34.57%
Fe 238.204†	9.1	3.396	ug/L	1.7493	3.396	ug/L	1.7493	51.52%
K 766.490†	21364.6	2304	ug/L	3.8	2304	ug/L	3.8	0.16%
Mg 285.213†	47786.0	4462	ug/L	4.9	4462	ug/L	4.9	0.11%
Mn 257.610†	4755.6	9.060	ug/L	0.1645	9.060	ug/L	0.1645	1.82%
Mo 202.031†	4.2	0.904	ug/L	1.9219	0.904	ug/L	1.9219	212.68%
Na 589.592†	502313.6	43440	ug/L	27.1	43440	ug/L	27.1	0.06%
Ni 231.604†	6.5	0.673	ug/L	0.0308	0.673	ug/L	0.0308	4.58%
Pb 220.353†	-10.4	-4.644	ug/L	2.7830	-4.644	ug/L	2.7830	59.93%
Sb 206.836†	-9.9	-6.383	ug/L	0.3335	-6.383	ug/L	0.3335	5.22%
Se 196.026†	-11.7	-18.33	ug/L	11.504	-18.33	ug/L	11.504	62.75%
V 311.071†	367.2	1.370	ug/L	0.2079	1.370	ug/L	0.2079	15.17%
Sn 189.927†	-7.9	-3.855	ug/L	0.5301	-3.855	ug/L	0.5301	13.75%
Sr 421.552†	66320.3	89.87	ug/L	0.320	89.87	ug/L	0.320	0.36%
Tl 190.801†	-1.2	-0.882	ug/L	5.4032	-0.882	ug/L	5.4032	612.67%
Zn 206.200†	11.1	0.972	ug/L	0.2710	0.972	ug/L	0.2710	27.88%
Ti 334.940†	-508.6	-0.609	ug/L	0.0163	-0.609	ug/L	0.0163	2.68%
B 249.772†	895.2	20.45	ug/L	0.209	20.45	ug/L	0.209	1.02%
Cu 324.752†	253.3	0.823	ug/L	0.2921	0.823	ug/L	0.2921	35.50%
S 181.975†	2244.1	9579	ug/L	124.6	9579	ug/L	124.6	1.30%
Zr 343.823†	0.7	0.002	ug/L	0.1103	0.002	ug/L	0.1103	>999.9%

Sequence No.: 87
Sample ID: 220-12081-h-4-k msd
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 103
Date Collected: 5/6/2010 4:15:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-k msd

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	869117.2	0.851	mg/L	0.0022				0.26%
Y (radial)	86158.5	0.961	mg/L	0.0052				0.54%
Ag 328.068†	22194.4	132.1	ug/L	0.15	132.1	ug/L	0.15	0.12%
Al 396.153†	396584.5	44100	ug/L	389.2	44100	ug/L	389.2	0.88%
As 188.979†	525.6	434.4	ug/L	2.47	434.4	ug/L	2.47	0.57%
Ba 233.527†	199500.1	2785	ug/L	1.1	2785	ug/L	1.1	0.04%
Be 313.107†	67571.5	41.84	ug/L	0.008	41.84	ug/L	0.008	0.02%
Ca 317.933†	3372351.9	377700	ug/L	3744.0	377700	ug/L	3744.0	0.99%
Cd 214.440†	5193.9	108.0	ug/L	1.29	108.0	ug/L	1.29	1.20%
Co 228.616†	3261.5	161.1	ug/L	2.34	161.1	ug/L	2.34	1.45%
Cr 267.716†	8596.6	212.2	ug/L	1.79	212.2	ug/L	1.79	0.84%
Fe 238.204†	281120.1	104800	ug/L	198.0	104800	ug/L	198.0	0.19%
K 766.490†	1778497.7	191800	ug/L	1307.7	191800	ug/L	1307.7	0.68%
Mg 285.213†	2120300.2	198100	ug/L	1621.7	198100	ug/L	1621.7	0.82%
Mn 257.610†	2971412.4	5777	ug/L	21.5	5777	ug/L	21.5	0.37%
Mo 202.031†	4612.7	986.9	ug/L	7.59	986.9	ug/L	7.59	0.77%
Na 589.592†	Saturated2							
Ni 231.604†	2797.3	289.4	ug/L	4.22	289.4	ug/L	4.22	1.46%
Pb 220.353†	2958.7	1320	ug/L	10.8	1320	ug/L	10.8	0.82%
Sb 206.836†	1018.6	664.1	ug/L	9.94	664.1	ug/L	9.94	1.50%
Se 196.026†	72.9	182.4	ug/L	12.88	182.4	ug/L	12.88	7.06%
V 311.071†	58379.1	205.0	ug/L	0.20	205.0	ug/L	0.20	0.10%
Sn 189.927†	1588.2	781.8	ug/L	1.93	781.8	ug/L	1.93	0.25%
Sr 421.552†	3521245.5	4772	ug/L	43.6	4772	ug/L	43.6	0.91%
Tl 190.801†	348.7	271.2	ug/L	13.63	271.2	ug/L	13.63	5.03%
Zn 206.200†	9738.4	855.8	ug/L	6.59	855.8	ug/L	6.59	0.77%
Ti 334.940†	1296188.0	1552	ug/L	1.2	1552	ug/L	1.2	0.07%
B 249.772†	138660.6	2713	ug/L	6.1	2713	ug/L	6.1	0.22%
Cu 324.752†	197235.3	656.4	ug/L	2.71	656.4	ug/L	2.71	0.41%
S 181.975†	14186.9	62250	ug/L	686.0	62250	ug/L	686.0	1.10%
Zr 343.823†	240249.7	668.2	ug/L	1.37	668.2	ug/L	1.37	0.21%

Sequence No.: 88
Sample ID: 220-12081-h-4-e pds
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 5/6/2010 4:18:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-e pds

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	828189.3	0.811	mg/L	0.0033				0.41%
Y (radial)	82312.0	0.918	mg/L	0.0081				0.88%
Ag 328.068†	1009.6	12.65	ug/L	0.114	12.65	ug/L	0.114	0.90%
Al 396.153†	340804.3	37920	ug/L	23.7	37920	ug/L	23.7	0.06%
As 188.979†	277.9	235.2	ug/L	5.72	235.2	ug/L	5.72	2.43%
Ba 233.527†	201639.9	2815	ug/L	30.6	2815	ug/L	30.6	1.09%
Be 313.107†	179145.1	97.70	ug/L	1.013	97.70	ug/L	1.013	1.04%
Ca 317.933†	3302811.5	369900	ug/L	4446.8	369900	ug/L	4446.8	1.20%
Cd 214.440†	4190.8	86.60	ug/L	0.782	86.60	ug/L	0.782	0.90%
Co 228.616†	2802.8	138.4	ug/L	0.01	138.4	ug/L	0.01	0.01%
Cr 267.716†	7591.5	187.6	ug/L	0.97	187.6	ug/L	0.97	0.52%
Fe 238.204†	275488.5	102700	ug/L	202.7	102700	ug/L	202.7	0.20%
K 766.490†	1587096.6	171100	ug/L	750.8	171100	ug/L	750.8	0.44%
Mg 285.213†	2034215.1	190000	ug/L	721.8	190000	ug/L	721.8	0.38%
Mn 257.610†	2960049.2	5755	ug/L	3.6	5755	ug/L	3.6	0.06%
Mo 202.031†	1322.3	285.7	ug/L	1.41	285.7	ug/L	1.41	0.49%
Na 589.592†	Saturated2							
Ni 231.604†	2565.7	265.4	ug/L	1.76	265.4	ug/L	1.76	0.66%
Pb 220.353†	2314.2	1029	ug/L	0.3	1029	ug/L	0.3	0.03%
Sb 206.836†	444.8	287.5	ug/L	16.03	287.5	ug/L	16.03	5.58%
Se 196.026†	132.0	273.6	ug/L	5.90	273.6	ug/L	5.90	2.16%
V 311.071†	51724.6	187.0	ug/L	2.86	187.0	ug/L	2.86	1.53%
Sn 189.927†	578.4	286.4	ug/L	0.13	286.4	ug/L	0.13	0.05%
Sr 421.552†	3566249.9	4833	ug/L	28.0	4833	ug/L	28.0	0.58%
Tl 190.801†	324.8	245.0	ug/L	1.11	245.0	ug/L	1.11	0.45%
Zn 206.200†	11370.1	998.7	ug/L	3.58	998.7	ug/L	3.58	0.36%
Ti 334.940†	740777.1	887.0	ug/L	1.08	887.0	ug/L	1.08	0.12%
B 249.772†	104665.6	1945	ug/L	35.8	1945	ug/L	35.8	1.84%
Cu 324.752†	192227.3	639.8	ug/L	11.41	639.8	ug/L	11.41	1.78%
S 181.975†	3055.1	14870	ug/L	6.5	14870	ug/L	6.5	0.04%
Zr 343.823†	111980.9	308.4	ug/L	4.34	308.4	ug/L	4.34	1.41%

Sequence No.: 89
Sample ID: 220-12081-h-4-i du @10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 105
Date Collected: 5/6/2010 4:22:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-i du @10

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	905538.0	0.887	mg/L	0.0028				0.31%
Y (radial)	88958.5	0.992	mg/L	0.0105				1.06%
Ag 328.068†	-146.9	-0.061	ug/L	0.1204	-0.061	ug/L	0.1204	198.16%
Al 396.153†	33747.7	3756	ug/L	8.7	3756	ug/L	8.7	0.23%
As 188.979†	6.3	6.213	ug/L	1.2662	6.213	ug/L	1.2662	20.38%
Ba 233.527†	22318.4	311.6	ug/L	0.14	311.6	ug/L	0.14	0.04%
Be 313.107†	-234.1	0.151	ug/L	0.0153	0.151	ug/L	0.0153	10.14%
Ca 317.933†	356263.1	39900	ug/L	162.3	39900	ug/L	162.3	0.41%
Cd 214.440†	0.3	-0.357	ug/L	0.1405	-0.357	ug/L	0.1405	39.41%
Co 228.616†	118.2	5.530	ug/L	0.0655	5.530	ug/L	0.0655	1.18%
Cr 267.716†	465.4	11.62	ug/L	0.660	11.62	ug/L	0.660	5.68%
Fe 238.204†	31095.8	11590	ug/L	34.4	11590	ug/L	34.4	0.30%
K 766.490†	127330.6	13730	ug/L	67.7	13730	ug/L	67.7	0.49%
Mg 285.213†	220611.4	20610	ug/L	2.0	20610	ug/L	2.0	0.01%
Mn 257.610†	343722.0	668.3	ug/L	0.81	668.3	ug/L	0.81	0.12%
Mo 202.031†	-0.3	0.389	ug/L	0.2485	0.389	ug/L	0.2485	63.86%
Na 589.592†	1213239.3	104900	ug/L	3003.5	104900	ug/L	3003.5	2.86%
Ni 231.604†	198.5	20.53	ug/L	0.723	20.53	ug/L	0.723	3.52%
Pb 220.353†	239.8	106.4	ug/L	2.48	106.4	ug/L	2.48	2.33%
Sb 206.836†	-1.1	-0.847	ug/L	0.4926	-0.847	ug/L	0.4926	58.15%
Se 196.026†	-21.4	-26.22	ug/L	8.024	-26.22	ug/L	8.024	30.60%
V 311.071†	3779.4	13.45	ug/L	0.153	13.45	ug/L	0.153	1.14%
Sn 189.927†	-7.4	-3.239	ug/L	5.6375	-3.239	ug/L	5.6375	174.03%
Sr 421.552†	376672.7	510.5	ug/L	14.40	510.5	ug/L	14.40	2.82%
Tl 190.801†	-18.6	-11.55	ug/L	5.064	-11.55	ug/L	5.064	43.84%
Zn 206.200†	1061.6	93.19	ug/L	0.280	93.19	ug/L	0.280	0.30%
Ti 334.940†	55783.8	66.79	ug/L	0.224	66.79	ug/L	0.224	0.34%
B 249.772†	10450.0	188.4	ug/L	0.65	188.4	ug/L	0.65	0.35%
Cu 324.752†	15636.0	52.54	ug/L	0.251	52.54	ug/L	0.251	0.48%
S 181.975†	45.8	399.5	ug/L	44.27	399.5	ug/L	44.27	11.08%
Zr 343.823†	970.0	2.079	ug/L	0.0588	2.079	ug/L	0.0588	2.83%

Sequence No.: 90
Sample ID: 220-12081-h-4-j ms @10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 106
Date Collected: 5/6/2010 4:25:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-j ms @10

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	962510.8	0.943	mg/L	0.0011				0.12%
Y (radial)	92975.6	1.037	mg/L	0.0185				1.78%
Ag 328.068†	2188.6	13.16	ug/L	0.141	13.16	ug/L	0.141	1.07%
Al 396.153†	39937.4	4440	ug/L	8.3	4440	ug/L	8.3	0.19%
As 188.979†	62.2	51.45	ug/L	0.451	51.45	ug/L	0.451	0.88%
Ba 233.527†	23607.6	329.6	ug/L	1.10	329.6	ug/L	1.10	0.33%
Be 313.107†	7712.2	4.753	ug/L	0.0025	4.753	ug/L	0.0025	0.05%
Ca 317.933†	373416.6	41820	ug/L	33.5	41820	ug/L	33.5	0.08%
Cd 214.440†	622.5	12.96	ug/L	0.329	12.96	ug/L	0.329	2.54%
Co 228.616†	388.2	19.21	ug/L	0.811	19.21	ug/L	0.811	4.22%
Cr 267.716†	1012.9	25.00	ug/L	0.643	25.00	ug/L	0.643	2.57%
Fe 238.204†	32717.8	12200	ug/L	2.7	12200	ug/L	2.7	0.02%
K 766.490†	148012.5	15960	ug/L	17.8	15960	ug/L	17.8	0.11%
Mg 285.213†	236047.2	22050	ug/L	34.0	22050	ug/L	34.0	0.15%
Mn 257.610†	353517.0	687.3	ug/L	0.49	687.3	ug/L	0.49	0.07%
Mo 202.031†	515.4	110.3	ug/L	0.70	110.3	ug/L	0.70	0.63%
Na 589.592†	1255730.6	108600	ug/L	967.7	108600	ug/L	967.7	0.89%
Ni 231.604†	326.8	33.81	ug/L	0.197	33.81	ug/L	0.197	0.58%
Pb 220.353†	341.6	152.3	ug/L	0.83	152.3	ug/L	0.83	0.55%
Sb 206.836†	106.7	69.61	ug/L	4.184	69.61	ug/L	4.184	6.01%
Se 196.026†	-4.9	0.136	ug/L	1.9257	0.136	ug/L	1.9257	>999.9%
V 311.071†	7254.1	25.79	ug/L	0.092	25.79	ug/L	0.092	0.36%
Sn 189.927†	176.8	87.04	ug/L	0.645	87.04	ug/L	0.645	0.74%
Sr 421.552†	386536.9	523.8	ug/L	5.47	523.8	ug/L	5.47	1.04%
Tl 190.801†	34.6	27.27	ug/L	0.930	27.27	ug/L	0.930	3.41%
Zn 206.200†	1211.7	106.5	ug/L	0.81	106.5	ug/L	0.81	0.76%
Ti 334.940†	143494.7	171.8	ug/L	0.03	171.8	ug/L	0.03	0.02%
B 249.772†	15230.4	295.1	ug/L	0.82	295.1	ug/L	0.82	0.28%
Cu 324.752†	20102.3	67.13	ug/L	0.002	67.13	ug/L	0.002	0.00%
S 181.975†	1194.5	5295	ug/L	14.5	5295	ug/L	14.5	0.27%
Zr 343.823†	27264.6	75.81	ug/L	0.190	75.81	ug/L	0.190	0.25%

Sequence No.: 91
Sample ID: 220-12081-h-4-k msd@10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 107
Date Collected: 5/6/2010 4:28:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-k msd@10

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	912885.8	0.894	mg/L	0.0041				0.46%
Y (radial)	89219.2	0.995	mg/L	0.0036				0.36%
Ag 328.068†	2209.9	13.28	ug/L	0.058	13.28	ug/L	0.058	0.44%
Al 396.153†	40317.0	4482	ug/L	0.7	4482	ug/L	0.7	0.02%
As 188.979†	51.5	42.72	ug/L	2.181	42.72	ug/L	2.181	5.11%
Ba 233.527†	23741.9	331.5	ug/L	0.56	331.5	ug/L	0.56	0.17%
Be 313.107†	7650.6	4.739	ug/L	0.0120	4.739	ug/L	0.0120	0.25%
Ca 317.933†	370417.3	41480	ug/L	171.4	41480	ug/L	171.4	0.41%
Cd 214.440†	624.1	13.00	ug/L	0.267	13.00	ug/L	0.267	2.06%
Co 228.616†	390.0	19.30	ug/L	0.733	19.30	ug/L	0.733	3.80%
Cr 267.716†	1028.5	25.38	ug/L	0.230	25.38	ug/L	0.230	0.91%
Fe 238.204†	32555.4	12130	ug/L	84.1	12130	ug/L	84.1	0.69%
K 766.490†	147209.6	15870	ug/L	26.2	15870	ug/L	26.2	0.16%
Mg 285.213†	234319.8	21890	ug/L	33.3	21890	ug/L	33.3	0.15%
Mn 257.610†	358877.2	697.8	ug/L	0.87	697.8	ug/L	0.87	0.12%
Mo 202.031†	532.2	113.9	ug/L	0.37	113.9	ug/L	0.37	0.33%
Na 589.592†	1211536.6	104800	ug/L	1847.1	104800	ug/L	1847.1	1.76%
Ni 231.604†	345.6	35.75	ug/L	0.774	35.75	ug/L	0.774	2.17%
Pb 220.353†	352.9	157.4	ug/L	2.13	157.4	ug/L	2.13	1.36%
Sb 206.836†	107.8	70.33	ug/L	3.359	70.33	ug/L	3.359	4.78%
Se 196.026†	-0.7	6.716	ug/L	15.0650	6.716	ug/L	15.0650	224.33%
V 311.071†	7656.3	27.31	ug/L	0.135	27.31	ug/L	0.135	0.49%
Sn 189.927†	184.6	90.84	ug/L	4.482	90.84	ug/L	4.482	4.93%
Sr 421.552†	373949.2	506.8	ug/L	8.50	506.8	ug/L	8.50	1.68%
Tl 190.801†	43.5	33.51	ug/L	1.676	33.51	ug/L	1.676	5.00%
Zn 206.200†	1225.5	107.7	ug/L	1.36	107.7	ug/L	1.36	1.27%
Ti 334.940†	147279.7	176.3	ug/L	0.23	176.3	ug/L	0.23	0.13%
B 249.772†	15314.0	297.2	ug/L	2.45	297.2	ug/L	2.45	0.82%
Cu 324.752†	20368.2	67.99	ug/L	0.033	67.99	ug/L	0.033	0.05%
S 181.975†	1206.9	5345	ug/L	17.5	5345	ug/L	17.5	0.33%
Zr 343.823†	27465.7	76.38	ug/L	0.129	76.38	ug/L	0.129	0.17%

Sequence No.: 92
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 4:31:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	945401.6	0.926	mg/L	0.0032				0.34%
Y (radial)	89114.3	0.993	mg/L	0.0003				0.03%
Ag 328.068†	51588.2	291.5	ug/L	0.45	291.5	ug/L	0.45	0.15%
QC value within limits for Ag 328.068 Recovery = 97.16%								
Al 396.153†	46215.7	5124	ug/L	17.9	5124	ug/L	17.9	0.35%
QC value within limits for Al 396.153 Recovery = 96.67%								
As 188.979†	366.4	298.8	ug/L	8.98	298.8	ug/L	8.98	3.00%
QC value within limits for As 188.979 Recovery = 99.61%								
Ba 233.527†	21657.3	303.1	ug/L	3.10	303.1	ug/L	3.10	1.02%
QC value within limits for Ba 233.527 Recovery = 101.02%								
Be 313.107†	579442.7	306.4	ug/L	1.70	306.4	ug/L	1.70	0.55%
QC value within limits for Be 313.107 Recovery = 102.12%								
Ca 317.933†	159597.6	17870	ug/L	101.5	17870	ug/L	101.5	0.57%
QC value within limits for Ca 317.933 Recovery = 95.32%								
Cd 214.440†	14071.7	301.4	ug/L	3.21	301.4	ug/L	3.21	1.06%
QC value within limits for Cd 214.440 Recovery = 100.48%								
Co 228.616†	6367.8	324.8	ug/L	2.43	324.8	ug/L	2.43	0.75%
QC value within limits for Co 228.616 Recovery = 108.26%								
Cr 267.716†	12620.8	308.1	ug/L	2.92	308.1	ug/L	2.92	0.95%
QC value within limits for Cr 267.716 Recovery = 102.72%								
Fe 238.204†	13472.2	5027	ug/L	9.2	5027	ug/L	9.2	0.18%
QC value within limits for Fe 238.204 Recovery = 100.53%								
K 766.490†	357768.8	38580	ug/L	385.4	38580	ug/L	385.4	1.00%
QC value within limits for K 766.490 Recovery = 96.44%								
Mg 285.213†	194583.1	18170	ug/L	53.8	18170	ug/L	53.8	0.30%
QC value within limits for Mg 285.213 Recovery = 96.92%								
Mn 257.610†	155417.0	301.8	ug/L	2.43	301.8	ug/L	2.43	0.81%
QC value within limits for Mn 257.610 Recovery = 100.60%								
Mo 202.031†	2371.0	505.4	ug/L	4.62	505.4	ug/L	4.62	0.91%
QC value within limits for Mo 202.031 Recovery = 101.07%								
Na 589.592†	455400.0	39380	ug/L	525.1	39380	ug/L	525.1	1.33%
QC value within limits for Na 589.592 Recovery = 98.45%								
Ni 231.604†	3120.6	323.0	ug/L	3.02	323.0	ug/L	3.02	0.93%
QC value within limits for Ni 231.604 Recovery = 107.65%								
Pb 220.353†	681.6	306.8	ug/L	3.38	306.8	ug/L	3.38	1.10%
QC value within limits for Pb 220.353 Recovery = 102.26%								
Sb 206.836†	443.5	287.1	ug/L	7.77	287.1	ug/L	7.77	2.71%
QC value within limits for Sb 206.836 Recovery = 95.71%								
Se 196.026†	195.9	311.7	ug/L	7.31	311.7	ug/L	7.31	2.35%
QC value within limits for Se 196.026 Recovery = 103.91%								
V 311.071†	76831.0	294.8	ug/L	1.45	294.8	ug/L	1.45	0.49%
QC value within limits for V 311.071 Recovery = 98.26%								
Sn 189.927†	1051.8	515.0	ug/L	17.60	515.0	ug/L	17.60	3.42%
QC value within limits for Sn 189.927 Recovery = 103.00%								
Sr 421.552†	380072.6	515.1	ug/L	5.71	515.1	ug/L	5.71	1.11%
QC value within limits for Sr 421.552 Recovery = 103.01%								
Tl 190.801†	440.6	315.3	ug/L	2.23	315.3	ug/L	2.23	0.71%
QC value within limits for Tl 190.801 Recovery = 105.09%								
Zn 206.200†	3562.5	315.0	ug/L	4.11	315.0	ug/L	4.11	1.31%
QC value within limits for Zn 206.200 Recovery = 105.00%								
Ti 334.940†	427903.9	512.4	ug/L	2.50	512.4	ug/L	2.50	0.49%
QC value within limits for Ti 334.940 Recovery = 102.47%								
B 249.772†	22157.2	484.7	ug/L	4.26	484.7	ug/L	4.26	0.88%
QC value within limits for B 249.772 Recovery = 96.93%								
Cu 324.752†	96443.2	313.9	ug/L	0.22	313.9	ug/L	0.22	0.07%
QC value within limits for Cu 324.752 Recovery = 104.62%								
S 181.975†	2346.5	10150	ug/L	119.4	10150	ug/L	119.4	1.18%
QC value within limits for S 181.975 Recovery = 101.51%								
Zr 343.823†	108517.0	304.1	ug/L	0.18	304.1	ug/L	0.18	0.06%
QC value within limits for Zr 343.823 Recovery = 101.38%								

All analyte(s) passed QC.

Sequence No.: 93
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 4:35:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	994344.7	0.974	mg/L	0.0008				0.08%
Y (radial)	88587.3	0.988	mg/L	0.0018				0.18%
Ag 328.068†	-11.6	-0.066	ug/L	0.0360	-0.066	ug/L	0.0360	54.33%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	161.2	17.91	ug/L	2.493	17.91	ug/L	2.493	13.92%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-2.4	-1.943	ug/L	3.5986	-1.943	ug/L	3.5986	185.21%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	3.4	0.047	ug/L	0.0547	0.047	ug/L	0.0547	116.06%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-119.2	-0.063	ug/L	0.0205	-0.063	ug/L	0.0205	32.60%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-45.5	-5.096	ug/L	0.2153	-5.096	ug/L	0.2153	4.23%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	10.8	0.233	ug/L	0.2767	0.233	ug/L	0.2767	119.01%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	2.7	0.139	ug/L	0.4111	0.139	ug/L	0.4111	296.44%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	6.3	0.154	ug/L	0.0784	0.154	ug/L	0.0784	50.72%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-13.9	-5.190	ug/L	1.7135	-5.190	ug/L	1.7135	33.01%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	281.5	30.36	ug/L	9.227	30.36	ug/L	9.227	30.40%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	0.4	0.035	ug/L	0.1587	0.035	ug/L	0.1587	452.53%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-25.5	-0.050	ug/L	0.0489	-0.050	ug/L	0.0489	98.59%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	4.1	0.867	ug/L	0.5060	0.867	ug/L	0.5060	58.39%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	843.1	72.90	ug/L	1.261	72.90	ug/L	1.261	1.73%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	7.8	0.808	ug/L	0.4352	0.808	ug/L	0.4352	53.83%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	0.0	0.023	ug/L	1.4370	0.023	ug/L	1.4370	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	5.5	3.534	ug/L	0.7112	3.534	ug/L	0.7112	20.12%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-0.2	-0.261	ug/L	5.4147	-0.261	ug/L	5.4147	>999.9%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-27.6	-0.108	ug/L	0.1166	-0.108	ug/L	0.1166	108.32%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	5.4	2.642	ug/L	1.5223	2.642	ug/L	1.5223	57.62%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-78.8	-0.107	ug/L	0.0688	-0.107	ug/L	0.0688	64.40%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	2.6	1.854	ug/L	0.1333	1.854	ug/L	0.1333	7.19%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	10.0	0.880	ug/L	0.1332	0.880	ug/L	0.1332	15.13%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-46.5	-0.056	ug/L	0.0063	-0.056	ug/L	0.0063	11.27%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	440.8	10.10	ug/L	0.694	10.10	ug/L	0.694	6.87%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	43.0	0.139	ug/L	0.0531	0.139	ug/L	0.0531	38.26%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	0.6	2.581	ug/L	1.7493	2.581	ug/L	1.7493	67.76%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	35.1	0.099	ug/L	0.0546	0.099	ug/L	0.0546	55.38%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 94
Sample ID: 220-12081-h-4-e @10
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 108
Date Collected: 5/6/2010 4:38:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-h-4-e @10

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	924568.5	0.906	mg/L	0.0000				0.00%
Y (radial)	87288.3	0.973	mg/L	0.0071				0.73%
Ag 328.068†	-141.3	-0.044	ug/L	0.1790	-0.044	ug/L	0.1790	408.62%
Al 396.153†	32929.6	3665	ug/L	6.2	3665	ug/L	6.2	0.17%
As 188.979†	-1.7	-0.361	ug/L	2.2092	-0.361	ug/L	2.2092	612.71%
Ba 233.527†	21806.5	304.4	ug/L	0.40	304.4	ug/L	0.40	0.13%
Be 313.107†	-250.4	0.135	ug/L	0.0394	0.135	ug/L	0.0394	29.27%
Ca 317.933†	348482.6	39030	ug/L	31.9	39030	ug/L	31.9	0.08%
Cd 214.440†	0.5	-0.345	ug/L	0.1471	-0.345	ug/L	0.1471	42.59%
Co 228.616†	105.1	4.875	ug/L	0.4773	4.875	ug/L	0.4773	9.79%
Cr 267.716†	436.9	10.92	ug/L	0.254	10.92	ug/L	0.254	2.32%
Fe 238.204†	30490.8	11370	ug/L	47.5	11370	ug/L	47.5	0.42%
K 766.490†	123197.9	13280	ug/L	19.7	13280	ug/L	19.7	0.15%
Mg 285.213†	216372.4	20210	ug/L	18.4	20210	ug/L	18.4	0.09%
Mn 257.610†	334679.7	650.8	ug/L	0.67	650.8	ug/L	0.67	0.10%
Mo 202.031†	5.3	1.571	ug/L	1.0105	1.571	ug/L	1.0105	64.34%
Na 589.592†	1216637.0	105200	ug/L	1290.3	105200	ug/L	1290.3	1.23%
Ni 231.604†	196.8	20.35	ug/L	0.645	20.35	ug/L	0.645	3.17%
Pb 220.353†	231.0	102.5	ug/L	1.96	102.5	ug/L	1.96	1.91%
Sb 206.836†	-6.0	-3.956	ug/L	0.3885	-3.956	ug/L	0.3885	9.82%
Se 196.026†	-8.5	-6.081	ug/L	15.4009	-6.081	ug/L	15.4009	253.25%
V 311.071†	3756.9	13.39	ug/L	0.556	13.39	ug/L	0.556	4.15%
Sn 189.927†	6.1	3.304	ug/L	4.4324	3.304	ug/L	4.4324	134.16%
Sr 421.552†	377715.8	511.9	ug/L	6.35	511.9	ug/L	6.35	1.24%
Tl 190.801†	-21.2	-13.40	ug/L	8.677	-13.40	ug/L	8.677	64.74%
Zn 206.200†	1029.3	90.36	ug/L	0.579	90.36	ug/L	0.579	0.64%
Ti 334.940†	54265.7	64.98	ug/L	0.229	64.98	ug/L	0.229	0.35%
B 249.772†	9307.9	163.3	ug/L	0.07	163.3	ug/L	0.07	0.04%
Cu 324.752†	15015.2	50.49	ug/L	0.304	50.49	ug/L	0.304	0.60%
S 181.975†	45.0	392.1	ug/L	21.58	392.1	ug/L	21.58	5.50%
Zr 343.823†	600.1	1.054	ug/L	0.0331	1.054	ug/L	0.0331	3.15%

Sequence No.: 95
Sample ID: 220-12081-m-6-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 5/6/2010 4:41:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-m-6-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1000573.4	0.980	mg/L	0.0023				0.23%
Y (radial)	91349.9	1.018	mg/L	0.0014				0.13%
Ag 328.068†	-9.9	-0.054	ug/L	0.1965	-0.054	ug/L	0.1965	363.26%
Al 396.153†	7.8	0.862	ug/L	3.5966	0.862	ug/L	3.5966	417.06%
As 188.979†	-4.4	-3.593	ug/L	1.3994	-3.593	ug/L	1.3994	38.95%
Ba 233.527†	3.1	0.042	ug/L	0.0343	0.042	ug/L	0.0343	82.35%
Be 313.107†	-38.0	-0.020	ug/L	0.0173	-0.020	ug/L	0.0173	85.43%
Ca 317.933†	-299.6	-33.56	ug/L	0.705	-33.56	ug/L	0.705	2.10%
Cd 214.440†	15.2	0.325	ug/L	0.0507	0.325	ug/L	0.0507	15.61%
Co 228.616†	-1.4	-0.073	ug/L	0.3763	-0.073	ug/L	0.3763	516.05%
Cr 267.716†	8.6	0.209	ug/L	0.3599	0.209	ug/L	0.3599	172.07%
Fe 238.204†	129.3	48.20	ug/L	1.688	48.20	ug/L	1.688	3.50%
K 766.490†	613.2	66.12	ug/L	35.423	66.12	ug/L	35.423	53.58%
Mg 285.213†	19.7	1.882	ug/L	0.3397	1.882	ug/L	0.3397	18.05%
Mn 257.610†	236.9	0.461	ug/L	0.0148	0.461	ug/L	0.0148	3.20%
Mo 202.031†	0.3	0.074	ug/L	0.2219	0.074	ug/L	0.2219	298.69%
Na 589.592†	1954.5	169.0	ug/L	3.86	169.0	ug/L	3.86	2.29%
Ni 231.604†	7.6	0.783	ug/L	0.0564	0.783	ug/L	0.0564	7.21%
Pb 220.353†	5.0	2.241	ug/L	3.0958	2.241	ug/L	3.0958	138.12%
Sb 206.836†	-3.9	-2.495	ug/L	1.3051	-2.495	ug/L	1.3051	52.30%
Se 196.026†	-5.1	-7.978	ug/L	16.5721	-7.978	ug/L	16.5721	207.71%
V 311.071†	-123.0	-0.483	ug/L	0.2976	-0.483	ug/L	0.2976	61.68%
Sn 189.927†	6.8	3.322	ug/L	0.8171	3.322	ug/L	0.8171	24.59%
Sr 421.552†	-231.2	-0.313	ug/L	0.0805	-0.313	ug/L	0.0805	25.70%
Tl 190.801†	-0.2	-0.152	ug/L	3.6678	-0.152	ug/L	3.6678	>999.9%
Zn 206.200†	49.1	4.310	ug/L	0.3291	4.310	ug/L	0.3291	7.64%
Ti 334.940†	-58.1	-0.070	ug/L	0.0536	-0.070	ug/L	0.0536	77.02%
B 249.772†	334.6	7.440	ug/L	0.1052	7.440	ug/L	0.1052	1.41%
Cu 324.752†	34.6	0.120	ug/L	0.2225	0.120	ug/L	0.2225	185.91%
S 181.975†	10.5	44.66	ug/L	23.966	44.66	ug/L	23.966	53.66%
Zr 343.823†	-1.4	-0.007	ug/L	0.0574	-0.007	ug/L	0.0574	862.54%

Sequence No.: 96
Sample ID: 220-12081-f-7-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 110
Date Collected: 5/6/2010 4:44:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-f-7-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	900347.5	0.882	mg/L	0.0034				0.38%
Y (radial)	88155.2	0.983	mg/L	0.0033				0.34%
Ag 328.068†	-410.8	-0.206	ug/L	0.2336	-0.206	ug/L	0.2336	113.34%
Al 396.153†	7763.0	864.1	ug/L	70.70	864.1	ug/L	70.70	8.18%
As 188.979†	9.1	10.94	ug/L	7.036	10.94	ug/L	7.036	64.33%
Ba 233.527†	25585.4	356.8	ug/L	2.94	356.8	ug/L	2.94	0.82%
Be 313.107†	-671.0	-0.148	ug/L	0.0267	-0.148	ug/L	0.0267	18.08%
Ca 317.933†	2784881.8	311900	ug/L	4393.4	311900	ug/L	4393.4	1.41%
Cd 214.440†	12.1	-0.776	ug/L	0.1163	-0.776	ug/L	0.1163	14.98%
Co 228.616†	54.0	1.613	ug/L	0.8521	1.613	ug/L	0.8521	52.84%
Cr 267.716†	116.8	3.598	ug/L	0.5927	3.598	ug/L	0.5927	16.47%
Fe 238.204†	88679.5	33050	ug/L	31.8	33050	ug/L	31.8	0.10%
K 766.490†	330654.0	35650	ug/L	91.3	35650	ug/L	91.3	0.26%
Mg 285.213†	423769.5	39600	ug/L	49.6	39600	ug/L	49.6	0.13%
Mn 257.610†	1270560.5	2472	ug/L	9.0	2472	ug/L	9.0	0.36%
Mo 202.031†	-22.3	-3.459	ug/L	0.5540	-3.459	ug/L	0.5540	16.02%
Na 589.592†	1815270.7	157000	ug/L	1968.5	157000	ug/L	1968.5	1.25%
Ni 231.604†	61.7	6.384	ug/L	0.7360	6.384	ug/L	0.7360	11.53%
Pb 220.353†	120.9	50.20	ug/L	2.700	50.20	ug/L	2.700	5.38%
Sb 206.836†	-5.5	-3.605	ug/L	2.1459	-3.605	ug/L	2.1459	59.53%
Se 196.026†	-33.6	-32.81	ug/L	2.836	-32.81	ug/L	2.836	8.64%
V 311.071†	2544.0	8.058	ug/L	0.0493	8.058	ug/L	0.0493	0.61%
Sn 189.927†	-4.5	-1.910	ug/L	8.2753	-1.910	ug/L	8.2753	433.21%
Sr 421.552†	993697.8	1347	ug/L	18.7	1347	ug/L	18.7	1.39%
Tl 190.801†	-22.8	-13.64	ug/L	1.277	-13.64	ug/L	1.277	9.36%
Zn 206.200†	384.8	33.77	ug/L	0.152	33.77	ug/L	0.152	0.45%
Ti 334.940†	41721.3	49.96	ug/L	3.911	49.96	ug/L	3.911	7.83%
B 249.772†	20423.4	322.9	ug/L	0.01	322.9	ug/L	0.01	0.00%
Cu 324.752†	1230.6	9.076	ug/L	0.0825	9.076	ug/L	0.0825	0.91%
S 181.975†	134.9	966.4	ug/L	109.22	966.4	ug/L	109.22	11.30%
Zr 343.823†	847.9	0.547	ug/L	0.4210	0.547	ug/L	0.4210	76.98%

Sequence No.: 97
Sample ID: 220-12107-c-3-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 111
Date Collected: 5/6/2010 4:47:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-3-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	984814.3	0.965	mg/L	0.0221				2.30%
Y (radial)	92586.9	1.032	mg/L	0.0144				1.40%
Ag 328.068†	-23.1	-0.128	ug/L	0.0434	-0.128	ug/L	0.0434	33.91%
Al 396.153†	-287.7	-32.09	ug/L	3.792	-32.09	ug/L	3.792	11.82%
As 188.979†	-5.6	-4.533	ug/L	0.1103	-4.533	ug/L	0.1103	2.43%
Ba 233.527†	6150.5	85.92	ug/L	1.762	85.92	ug/L	1.762	2.05%
Be 313.107†	-65.5	-0.036	ug/L	0.0234	-0.036	ug/L	0.0234	64.44%
Ca 317.933†	158065.0	17700	ug/L	23.3	17700	ug/L	23.3	0.13%
Cd 214.440†	8.6	0.184	ug/L	0.0142	0.184	ug/L	0.0142	7.70%
Co 228.616†	7.4	0.379	ug/L	0.0950	0.379	ug/L	0.0950	25.05%
Cr 267.716†	2.1	0.052	ug/L	0.5062	0.052	ug/L	0.5062	979.80%
Fe 238.204†	7.1	2.650	ug/L	2.2051	2.650	ug/L	2.2051	83.22%
K 766.490†	21134.5	2279	ug/L	7.3	2279	ug/L	7.3	0.32%
Mg 285.213†	47224.0	4409	ug/L	18.3	4409	ug/L	18.3	0.42%
Mn 257.610†	4593.5	8.747	ug/L	0.1733	8.747	ug/L	0.1733	1.98%
Mo 202.031†	8.7	1.855	ug/L	1.2559	1.855	ug/L	1.2559	67.71%
Na 589.592†	504033.9	43580	ug/L	147.8	43580	ug/L	147.8	0.34%
Ni 231.604†	7.9	0.819	ug/L	0.5336	0.819	ug/L	0.5336	65.14%
Pb 220.353†	-6.5	-2.903	ug/L	4.6600	-2.903	ug/L	4.6600	160.52%
Sb 206.836†	-3.2	-2.027	ug/L	0.6363	-2.027	ug/L	0.6363	31.38%
Se 196.026†	-1.9	-2.983	ug/L	7.4964	-2.983	ug/L	7.4964	251.34%
V 311.071†	203.7	0.729	ug/L	0.4933	0.729	ug/L	0.4933	67.65%
Sn 189.927†	-6.2	-3.036	ug/L	3.5827	-3.036	ug/L	3.5827	118.02%
Sr 421.552†	66117.7	89.60	ug/L	0.139	89.60	ug/L	0.139	0.15%
Tl 190.801†	-6.4	-4.494	ug/L	0.3630	-4.494	ug/L	0.3630	8.08%
Zn 206.200†	23.4	2.053	ug/L	1.3379	2.053	ug/L	1.3379	65.16%
Ti 334.940†	-412.0	-0.493	ug/L	0.0796	-0.493	ug/L	0.0796	16.13%
B 249.772†	1110.4	25.37	ug/L	1.006	25.37	ug/L	1.006	3.97%
Cu 324.752†	229.1	0.744	ug/L	0.1258	0.744	ug/L	0.1258	16.91%
S 181.975†	2198.3	9385	ug/L	248.1	9385	ug/L	248.1	2.64%
Zr 343.823†	-10.1	-0.028	ug/L	0.1020	-0.028	ug/L	0.1020	358.55%

Sequence No.: 98
Sample ID: 220-12107-c-4-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 5/6/2010 4:51:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-4-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	981092.0	0.961	mg/L	0.0043				0.45%
Y (radial)	91938.0	1.025	mg/L	0.0166				1.62%
Ag 328.068†	-49.7	-0.279	ug/L	0.0201	-0.279	ug/L	0.0201	7.22%
Al 396.153†	20179.9	2246	ug/L	11.1	2246	ug/L	11.1	0.49%
As 188.979†	1.9	1.453	ug/L	2.8470	1.453	ug/L	2.8470	195.93%
Ba 233.527†	7594.9	106.1	ug/L	0.02	106.1	ug/L	0.02	0.02%
Be 313.107†	471.0	0.245	ug/L	0.0143	0.245	ug/L	0.0143	5.82%
Ca 317.933†	195190.8	21860	ug/L	70.6	21860	ug/L	70.6	0.32%
Cd 214.440†	-4.1	-0.088	ug/L	0.1393	-0.088	ug/L	0.1393	158.39%
Co 228.616†	10.6	0.544	ug/L	0.0759	0.544	ug/L	0.0759	13.96%
Cr 267.716†	165.7	4.041	ug/L	0.6935	4.041	ug/L	0.6935	17.16%
Fe 238.204†	26.8	9.987	ug/L	3.8124	9.987	ug/L	3.8124	38.17%
K 766.490†	65886.2	7104	ug/L	16.4	7104	ug/L	16.4	0.23%
Mg 285.213†	48515.2	4530	ug/L	13.1	4530	ug/L	13.1	0.29%
Mn 257.610†	30506.7	59.20	ug/L	0.070	59.20	ug/L	0.070	0.12%
Mo 202.031†	-5.2	-1.117	ug/L	1.1956	-1.117	ug/L	1.1956	107.03%
Na 589.592†	669365.3	57880	ug/L	923.9	57880	ug/L	923.9	1.60%
Ni 231.604†	23.0	2.378	ug/L	0.8613	2.378	ug/L	0.8613	36.23%
Pb 220.353†	-11.3	-4.825	ug/L	2.3911	-4.825	ug/L	2.3911	49.55%
Sb 206.836†	1.8	1.118	ug/L	6.1919	1.118	ug/L	6.1919	553.97%
Se 196.026†	-12.4	-19.30	ug/L	9.773	-19.30	ug/L	9.773	50.62%
V 311.071†	54.6	0.143	ug/L	0.1806	0.143	ug/L	0.1806	126.60%
Sn 189.927†	-4.8	-2.341	ug/L	4.4538	-2.341	ug/L	4.4538	190.24%
Sr 421.552†	77875.4	105.5	ug/L	0.10	105.5	ug/L	0.10	0.09%
Tl 190.801†	-11.8	-8.289	ug/L	0.5658	-8.289	ug/L	0.5658	6.83%
Zn 206.200†	235.1	20.65	ug/L	0.799	20.65	ug/L	0.799	3.87%
Ti 334.940†	-464.0	-0.556	ug/L	0.0047	-0.556	ug/L	0.0047	0.84%
B 249.772†	2171.6	49.60	ug/L	0.396	49.60	ug/L	0.396	0.80%
Cu 324.752†	4505.1	14.63	ug/L	0.054	14.63	ug/L	0.054	0.37%
S 181.975†	4061.1	17300	ug/L	64.7	17300	ug/L	64.7	0.37%
Zr 343.823†	9.1	0.025	ug/L	0.0337	0.025	ug/L	0.0337	134.60%

Sequence No.: 99
Sample ID: 220-12107-c-5-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 113
Date Collected: 5/6/2010 4:54:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-5-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	996064.5	0.976	mg/L	0.0069				0.71%
Y (radial)	89356.9	0.996	mg/L	0.0041				0.42%
Ag 328.068†	-9.5	-0.055	ug/L	0.0333	-0.055	ug/L	0.0333	60.04%
Al 396.153†	-112.0	-12.44	ug/L	4.429	-12.44	ug/L	4.429	35.60%
As 188.979†	-4.8	-3.917	ug/L	2.5131	-3.917	ug/L	2.5131	64.16%
Ba 233.527†	0.5	0.006	ug/L	0.0402	0.006	ug/L	0.0402	650.90%
Be 313.107†	-96.0	-0.051	ug/L	0.0240	-0.051	ug/L	0.0240	47.01%
Ca 317.933†	-407.4	-45.63	ug/L	1.354	-45.63	ug/L	1.354	2.97%
Cd 214.440†	6.2	0.132	ug/L	0.0122	0.132	ug/L	0.0122	9.24%
Co 228.616†	-0.7	-0.034	ug/L	0.6459	-0.034	ug/L	0.6459	>999.9%
Cr 267.716†	5.7	0.138	ug/L	0.2645	0.138	ug/L	0.2645	192.04%
Fe 238.204†	-7.8	-2.908	ug/L	2.1825	-2.908	ug/L	2.1825	75.05%
K 766.490†	373.3	40.26	ug/L	12.966	40.26	ug/L	12.966	32.21%
Mg 285.213†	0.5	0.047	ug/L	0.9816	0.047	ug/L	0.9816	>999.9%
Mn 257.610†	18.2	0.035	ug/L	0.0155	0.035	ug/L	0.0155	43.58%
Mo 202.031†	-2.7	-0.565	ug/L	0.2700	-0.565	ug/L	0.2700	47.80%
Na 589.592†	1007.9	87.15	ug/L	4.932	87.15	ug/L	4.932	5.66%
Ni 231.604†	9.3	0.965	ug/L	0.6355	0.965	ug/L	0.6355	65.88%
Pb 220.353†	-0.0	-0.018	ug/L	2.8271	-0.018	ug/L	2.8271	>999.9%
Sb 206.836†	3.3	2.138	ug/L	1.5847	2.138	ug/L	1.5847	74.11%
Se 196.026†	2.6	4.119	ug/L	2.9024	4.119	ug/L	2.9024	70.47%
V 311.071†	-175.1	-0.685	ug/L	0.2586	-0.685	ug/L	0.2586	37.76%
Sn 189.927†	8.4	4.082	ug/L	0.2961	4.082	ug/L	0.2961	7.25%
Sr 421.552†	-275.4	-0.373	ug/L	0.1931	-0.373	ug/L	0.1931	51.73%
Tl 190.801†	-7.8	-5.510	ug/L	0.4522	-5.510	ug/L	0.4522	8.21%
Zn 206.200†	4.0	0.352	ug/L	0.0114	0.352	ug/L	0.0114	3.23%
Ti 334.940†	-129.9	-0.156	ug/L	0.0714	-0.156	ug/L	0.0714	45.89%
B 249.772†	77.0	1.773	ug/L	0.8264	1.773	ug/L	0.8264	46.61%
Cu 324.752†	-3.7	-0.012	ug/L	0.1972	-0.012	ug/L	0.1972	>999.9%
S 181.975†	11.9	50.60	ug/L	8.257	50.60	ug/L	8.257	16.32%
Zr 343.823†	-69.3	-0.194	ug/L	0.0722	-0.194	ug/L	0.0722	37.12%

Sequence No.: 100
Sample ID: 220-12107-c-6-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 114
Date Collected: 5/6/2010 4:57:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-6-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	963573.6	0.944	mg/L	0.0047				0.50%
Y (radial)	92640.1	1.033	mg/L	0.0063				0.61%
Ag 328.068†	-233.5	0.239	ug/L	0.0308	0.239	ug/L	0.0308	12.87%
Al 396.153†	447.9	49.90	ug/L	11.166	49.90	ug/L	11.166	22.38%
As 188.979†	-3.7	-0.421	ug/L	6.1267	-0.421	ug/L	6.1267	>999.9%
Ba 233.527†	11769.6	164.0	ug/L	0.46	164.0	ug/L	0.46	0.28%
Be 313.107†	-45.3	-0.019	ug/L	0.0586	-0.019	ug/L	0.0586	306.29%
Ca 317.933†	197976.3	22170	ug/L	40.3	22170	ug/L	40.3	0.18%
Cd 214.440†	25.9	-0.216	ug/L	0.1359	-0.216	ug/L	0.1359	62.94%
Co 228.616†	76.6	3.146	ug/L	0.0545	3.146	ug/L	0.0545	1.73%
Cr 267.716†	9.3	0.781	ug/L	0.0135	0.781	ug/L	0.0135	1.73%
Fe 238.204†	66001.3	24600	ug/L	30.6	24600	ug/L	30.6	0.12%
K 766.490†	35572.3	3836	ug/L	13.4	3836	ug/L	13.4	0.35%
Mg 285.213†	49175.0	4612	ug/L	11.2	4612	ug/L	11.2	0.24%
Mn 257.610†	108986.7	212.0	ug/L	1.35	212.0	ug/L	1.35	0.64%
Mo 202.031†	-6.7	-0.460	ug/L	0.9003	-0.460	ug/L	0.9003	195.50%
Na 589.592†	1004021.3	86820	ug/L	1435.7	86820	ug/L	1435.7	1.65%
Ni 231.604†	30.0	3.107	ug/L	0.7403	3.107	ug/L	0.7403	23.83%
Pb 220.353†	4.0	-1.197	ug/L	1.3590	-1.197	ug/L	1.3590	113.53%
Sb 206.836†	-5.0	-3.218	ug/L	4.3422	-3.218	ug/L	4.3422	134.94%
Se 196.026†	-20.2	-16.81	ug/L	6.572	-16.81	ug/L	6.572	39.10%
V 311.071†	412.6	1.046	ug/L	0.7744	1.046	ug/L	0.7744	74.03%
Sn 189.927†	-7.8	-3.813	ug/L	2.9701	-3.813	ug/L	2.9701	77.89%
Sr 421.552†	91390.4	123.8	ug/L	0.01	123.8	ug/L	0.01	0.01%
Tl 190.801†	-6.3	-3.210	ug/L	7.7010	-3.210	ug/L	7.7010	239.94%
Zn 206.200†	130.0	11.40	ug/L	0.442	11.40	ug/L	0.442	3.88%
Ti 334.940†	947.8	1.135	ug/L	0.0410	1.135	ug/L	0.0410	3.61%
B 249.772†	5203.6	11.79	ug/L	0.780	11.79	ug/L	0.780	6.62%
Cu 324.752†	4291.6	17.71	ug/L	0.482	17.71	ug/L	0.482	2.72%
S 181.975†	2793.7	11920	ug/L	69.6	11920	ug/L	69.6	0.58%
Zr 343.823†	229.9	-0.718	ug/L	0.0487	-0.718	ug/L	0.0487	6.78%

Sequence No.: 101
Sample ID: 220-12107-c-8-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 115
Date Collected: 5/6/2010 5:00:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-8-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	948858.8	0.929	mg/L	0.0026				0.28%
Y (radial)	89886.2	1.002	mg/L	0.0263				2.63%
Ag 328.068†	-541.0	0.640	ug/L	0.3803	0.640	ug/L	0.3803	59.45%
Al 396.153†	-147.9	-16.38	ug/L	7.333	-16.38	ug/L	7.333	44.75%
As 188.979†	-0.9	5.475	ug/L	6.7842	5.475	ug/L	6.7842	123.91%
Ba 233.527†	3104.8	42.28	ug/L	0.255	42.28	ug/L	0.255	0.60%
Be 313.107†	-181.3	-0.096	ug/L	0.0298	-0.096	ug/L	0.0298	30.95%
Ca 317.933†	205870.0	23050	ug/L	23.1	23050	ug/L	23.1	0.10%
Cd 214.440†	86.8	0.031	ug/L	0.1196	0.031	ug/L	0.1196	389.20%
Co 228.616†	89.7	2.767	ug/L	0.4433	2.767	ug/L	0.4433	16.02%
Cr 267.716†	15.2	1.682	ug/L	0.2537	1.682	ug/L	0.2537	15.08%
Fe 238.204†	156603.2	58370	ug/L	85.2	58370	ug/L	85.2	0.15%
K 766.490†	48228.0	5200	ug/L	10.1	5200	ug/L	10.1	0.19%
Mg 285.213†	54701.1	5156	ug/L	16.1	5156	ug/L	16.1	0.31%
Mn 257.610†	382382.8	744.3	ug/L	0.32	744.3	ug/L	0.32	0.04%
Mo 202.031†	-9.0	0.369	ug/L	0.6513	0.369	ug/L	0.6513	176.28%
Na 589.592†	668156.4	57780	ug/L	1417.2	57780	ug/L	1417.2	2.45%
Ni 231.604†	34.6	3.580	ug/L	2.1662	3.580	ug/L	2.1662	60.52%
Pb 220.353†	4.9	-4.892	ug/L	3.5454	-4.892	ug/L	3.5454	72.47%
Sb 206.836†	1.4	0.894	ug/L	4.3130	0.894	ug/L	4.3130	482.49%
Se 196.026†	-29.0	-10.20	ug/L	8.231	-10.20	ug/L	8.231	80.73%
V 311.071†	872.3	2.198	ug/L	0.2087	2.198	ug/L	0.2087	9.49%
Sn 189.927†	-12.9	-6.307	ug/L	2.5542	-6.307	ug/L	2.5542	40.50%
Sr 421.552†	96801.8	131.2	ug/L	0.08	131.2	ug/L	0.08	0.06%
Tl 190.801†	-8.2	-2.915	ug/L	1.4027	-2.915	ug/L	1.4027	48.12%
Zn 206.200†	12.9	1.131	ug/L	0.3800	1.131	ug/L	0.3800	33.61%
Ti 334.940†	-237.1	-0.284	ug/L	0.0204	-0.284	ug/L	0.0204	7.18%
B 249.772†	11114.8	-0.187	ug/L	1.5496	-0.187	ug/L	1.5496	826.74%
Cu 324.752†	1050.4	12.38	ug/L	0.142	12.38	ug/L	0.142	1.14%
S 181.975†	1927.0	8238	ug/L	56.2	8238	ug/L	56.2	0.68%
Zr 343.823†	462.5	-1.937	ug/L	0.0704	-1.937	ug/L	0.0704	3.63%

Sequence No.: 102
Sample ID: 220-12107-c-8-b sd@5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 116
Date Collected: 5/6/2010 5:03:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-8-b sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Y 371.029	961297.1	0.942	mg/L	0.0062				0.65%
Y (radial)	90192.6	1.005	mg/L	0.0023				0.22%
Ag 328.068†	-97.5	0.228	ug/L	0.2630	0.228	ug/L	0.2630	115.57%
Al 396.153†	116.2	12.96	ug/L	8.779	12.96	ug/L	8.779	67.74%
As 188.979†	-1.8	-0.144	ug/L	5.5428	-0.144	ug/L	5.5428	>999.9%
Ba 233.527†	644.8	8.778	ug/L	0.0722	8.778	ug/L	0.0722	0.82%
Be 313.107†	-207.8	-0.110	ug/L	0.0310	-0.110	ug/L	0.0310	28.17%
Ca 317.933†	43014.8	4817	ug/L	2.3	4817	ug/L	2.3	0.05%
Cd 214.440†	22.2	0.090	ug/L	0.3016	0.090	ug/L	0.3016	335.76%
Co 228.616†	22.6	0.773	ug/L	0.2300	0.773	ug/L	0.2300	29.76%
Cr 267.716†	5.6	0.413	ug/L	0.0676	0.413	ug/L	0.0676	16.36%
Fe 238.204†	32999.0	12300	ug/L	69.7	12300	ug/L	69.7	0.57%
K 766.490†	8638.2	931.4	ug/L	20.51	931.4	ug/L	20.51	2.20%
Mg 285.213†	11329.4	1068	ug/L	0.6	1068	ug/L	0.6	0.06%
Mn 257.610†	77975.5	151.8	ug/L	0.16	151.8	ug/L	0.16	0.10%
Mo 202.031†	-3.4	-0.241	ug/L	0.3128	-0.241	ug/L	0.3128	129.74%
Na 589.592†	132855.0	11490	ug/L	184.3	11490	ug/L	184.3	1.60%
Ni 231.604†	9.6	0.994	ug/L	0.3804	0.994	ug/L	0.3804	38.27%
Pb 220.353†	-1.4	-2.124	ug/L	2.1084	-2.124	ug/L	2.1084	99.25%
Sb 206.836†	-3.7	-2.385	ug/L	3.8355	-2.385	ug/L	3.8355	160.81%
Se 196.026†	-6.3	-2.485	ug/L	20.8327	-2.485	ug/L	20.8327	838.43%
V 311.071†	204.7	0.548	ug/L	0.5786	0.548	ug/L	0.5786	105.62%
Sn 189.927†	-1.0	-0.490	ug/L	1.0606	-0.490	ug/L	1.0606	216.51%
Sr 421.552†	19751.4	26.77	ug/L	0.047	26.77	ug/L	0.047	0.18%
Tl 190.801†	-6.6	-4.060	ug/L	2.1507	-4.060	ug/L	2.1507	52.98%
Zn 206.200†	3.4	0.298	ug/L	0.0371	0.298	ug/L	0.0371	12.44%
Ti 334.940†	-228.2	-0.273	ug/L	0.0074	-0.273	ug/L	0.0074	2.71%
B 249.772†	2296.1	-1.090	ug/L	0.3779	-1.090	ug/L	0.3779	34.67%
Cu 324.752†	316.2	2.917	ug/L	0.0964	2.917	ug/L	0.0964	3.31%
S 181.975†	383.6	1640	ug/L	4.0	1640	ug/L	4.0	0.25%
Zr 343.823†	74.6	-0.472	ug/L	0.0719	-0.472	ug/L	0.0719	15.21%

Sequence No.: 103
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/6/2010 5:06:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	943572.9	0.924	mg/L	0.0058				0.63%
Y (radial)	89020.5	0.992	mg/L	0.0141				1.42%
Ag 328.068†	51826.2	292.8	ug/L	0.01	292.8	ug/L	0.01	0.00%
QC value within limits for Ag 328.068 Recovery = 97.61%								
Al 396.153†	46386.7	5142	ug/L	38.2	5142	ug/L	38.2	0.74%
QC value within limits for Al 396.153 Recovery = 97.02%								
As 188.979†	364.2	297.0	ug/L	6.87	297.0	ug/L	6.87	2.31%
QC value within limits for As 188.979 Recovery = 99.00%								
Ba 233.527†	21810.8	305.2	ug/L	0.00	305.2	ug/L	0.00	0.00%
QC value within limits for Ba 233.527 Recovery = 101.74%								
Be 313.107†	579909.1	306.6	ug/L	0.06	306.6	ug/L	0.06	0.02%
QC value within limits for Be 313.107 Recovery = 102.20%								
Ca 317.933†	159510.4	17860	ug/L	28.8	17860	ug/L	28.8	0.16%
QC value within limits for Ca 317.933 Recovery = 95.27%								
Cd 214.440†	14232.2	304.9	ug/L	1.09	304.9	ug/L	1.09	0.36%
QC value within limits for Cd 214.440 Recovery = 101.62%								
Co 228.616†	6451.3	329.0	ug/L	1.75	329.0	ug/L	1.75	0.53%
QC value within limits for Co 228.616 Recovery = 109.68%								
Cr 267.716†	12488.5	304.9	ug/L	0.28	304.9	ug/L	0.28	0.09%
QC value within limits for Cr 267.716 Recovery = 101.64%								
Fe 238.204†	13414.5	5005	ug/L	8.3	5005	ug/L	8.3	0.17%
QC value within limits for Fe 238.204 Recovery = 100.10%								
K 766.490†	359401.0	38750	ug/L	341.4	38750	ug/L	341.4	0.88%
QC value within limits for K 766.490 Recovery = 96.88%								
Mg 285.213†	194533.7	18170	ug/L	64.6	18170	ug/L	64.6	0.36%
QC value within limits for Mg 285.213 Recovery = 96.90%								
Mn 257.610†	155972.1	302.9	ug/L	0.39	302.9	ug/L	0.39	0.13%
QC value within limits for Mn 257.610 Recovery = 100.96%								
Mo 202.031†	2424.3	516.7	ug/L	0.19	516.7	ug/L	0.19	0.04%
QC value within limits for Mo 202.031 Recovery = 103.34%								
Na 589.592†	455561.5	39390	ug/L	303.2	39390	ug/L	303.2	0.77%
QC value within limits for Na 589.592 Recovery = 98.48%								
Ni 231.604†	3166.6	327.7	ug/L	2.69	327.7	ug/L	2.69	0.82%
QC value within limits for Ni 231.604 Recovery = 109.24%								
Pb 220.353†	686.5	309.0	ug/L	0.75	309.0	ug/L	0.75	0.24%
QC value within limits for Pb 220.353 Recovery = 103.00%								
Sb 206.836†	445.2	288.4	ug/L	1.09	288.4	ug/L	1.09	0.38%
QC value within limits for Sb 206.836 Recovery = 96.12%								
Se 196.026†	189.4	301.5	ug/L	17.11	301.5	ug/L	17.11	5.67%
QC value within limits for Se 196.026 Recovery = 100.52%								
V 311.071†	76975.6	295.3	ug/L	0.33	295.3	ug/L	0.33	0.11%
QC value within limits for V 311.071 Recovery = 98.44%								
Sn 189.927†	1059.1	518.6	ug/L	6.41	518.6	ug/L	6.41	1.24%
QC value within limits for Sn 189.927 Recovery = 103.71%								
Sr 421.552†	379636.4	514.5	ug/L	3.21	514.5	ug/L	3.21	0.62%
QC value within limits for Sr 421.552 Recovery = 102.89%								
Tl 190.801†	443.3	317.1	ug/L	3.87	317.1	ug/L	3.87	1.22%
QC value within limits for Tl 190.801 Recovery = 105.71%								
Zn 206.200†	3596.8	318.0	ug/L	1.69	318.0	ug/L	1.69	0.53%
QC value within limits for Zn 206.200 Recovery = 106.00%								
Ti 334.940†	428822.4	513.5	ug/L	0.57	513.5	ug/L	0.57	0.11%
QC value within limits for Ti 334.940 Recovery = 102.69%								
B 249.772†	21644.2	473.0	ug/L	0.31	473.0	ug/L	0.31	0.07%
QC value within limits for B 249.772 Recovery = 94.60%								
Cu 324.752†	97077.1	315.9	ug/L	0.68	315.9	ug/L	0.68	0.22%
QC value within limits for Cu 324.752 Recovery = 105.30%								
S 181.975†	2404.9	10400	ug/L	38.0	10400	ug/L	38.0	0.37%
QC value within limits for S 181.975 Recovery = 103.99%								
Zr 343.823†	108702.2	304.7	ug/L	0.31	304.7	ug/L	0.31	0.10%
QC value within limits for Zr 343.823 Recovery = 101.55%								

All analyte(s) passed QC.

Sequence No.: 104
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/6/2010 5:10:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	992379.0	0.972	mg/L	0.0039				0.40%
Y (radial)	89377.8	0.996	mg/L	0.0200				2.00%
Ag 328.068†	-8.2	-0.047	ug/L	0.2101	-0.047	ug/L	0.2101	450.78%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	100.6	11.17	ug/L	7.065	11.17	ug/L	7.065	63.23%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-3.3	-2.698	ug/L	2.7140	-2.698	ug/L	2.7140	100.61%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-6.4	-0.089	ug/L	0.0240	-0.089	ug/L	0.0240	26.87%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-44.1	-0.024	ug/L	0.0044	-0.024	ug/L	0.0044	18.64%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	-35.1	-3.927	ug/L	1.4948	-3.927	ug/L	1.4948	38.07%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	9.1	0.195	ug/L	0.0740	0.195	ug/L	0.0740	38.01%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	0.0	0.002	ug/L	0.1488	0.002	ug/L	0.1488	>999.9%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	0.8	0.020	ug/L	0.1851	0.020	ug/L	0.1851	912.28%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-13.5	-5.041	ug/L	2.3648	-5.041	ug/L	2.3648	46.91%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	106.2	11.45	ug/L	11.153	11.45	ug/L	11.153	97.42%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	-6.7	-0.629	ug/L	0.4941	-0.629	ug/L	0.4941	78.60%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-35.1	-0.068	ug/L	0.0180	-0.068	ug/L	0.0180	26.41%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	2.4	0.511	ug/L	0.9583	0.511	ug/L	0.9583	187.49%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	407.3	35.22	ug/L	8.927	35.22	ug/L	8.927	25.34%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	8.8	0.909	ug/L	0.0399	0.909	ug/L	0.0399	4.39%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-1.0	-0.464	ug/L	4.8746	-0.464	ug/L	4.8746	>999.9%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	3.8	2.457	ug/L	1.3352	2.457	ug/L	1.3352	54.35%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	2.8	4.404	ug/L	6.5205	4.404	ug/L	6.5205	148.04%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	0.4	0.003	ug/L	0.3639	0.003	ug/L	0.3639	>999.9%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-1.4	-0.662	ug/L	4.0237	-0.662	ug/L	4.0237	607.93%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	11.8	0.016	ug/L	0.0936	0.016	ug/L	0.0936	585.03%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-0.7	-0.459	ug/L	5.2476	-0.459	ug/L	5.2476	>999.9%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	6.6	0.579	ug/L	0.2730	0.579	ug/L	0.2730	47.11%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-82.8	-0.099	ug/L	0.0174	-0.099	ug/L	0.0174	17.59%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	112.0	2.583	ug/L	0.4482	2.583	ug/L	0.4482	17.35%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	72.6	0.235	ug/L	0.3319	0.235	ug/L	0.3319	141.35%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-0.5	-2.111	ug/L	28.4405	-2.111	ug/L	28.4405	>999.9%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	30.1	0.085	ug/L	0.0936	0.085	ug/L	0.0936	110.57%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 38295

	1st Level Review	Comments
Chain of Custody forms have been completed.	✓	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.	✓	
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
IDLs, Linear Range and IECs current.	✓	
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	✓	
Serial dilution analyzed once per SDG or 20 samples.	✓	
Post digestion spike performed as required.	✓	
Flagging correct.	✓	
All raw data submitted as per deliverable requiements.	✓	
Prep batch completed with proper information.	✓	
All deviations, prep and anlaysis methods noted in NCMs.	✓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

[signature] Date 5/10/10

Authorizing Signature (2nd level Review)

TestAmerica Form #MEF01105.CT

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Analysis Begun

Start Time: 5/10/2010 12:40:54 PM
Logged In Analyst: ctmetals
Spectrometer Model: Optima 4300 DV, S/N 077N3101802
Plasma On Time: 5/10/2010 11:02:52 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\4300cycloneAT\Sample Information\051010.sif
Batch ID:
Results Data Set: 051010d
Results Library: C:\PE\4300cycloneAT\2007 Results\Results.mdb

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Method Loaded
Method Name: TA3
IEC File: ta17.iec
Method Description: TA3
Method Last Saved: 5/7/2010 9:44:53 AM
MSF File:

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Sequence No.: 1
Sample ID: STD1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 5/10/2010 12:41:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: STD1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	1057296.9	19526.93	1.85%	1.000	mg/L
Y (radial)	95880.4	2537.85	2.65%	1.000	mg/L
Ag 328.068†	-518.9	24.70	4.76%	[0.00]	ug/L
Al 396.153†	426.2	125.35	29.41%	[0.00]	ug/L
As 188.979†	-2.6	7.32	283.33%	[0.00]	ug/L
Ba 233.527†	-58.5	7.11	12.17%	[0.00]	ug/L
Be 313.107†	-3812.4	86.62	2.27%	[0.00]	ug/L
Ca 317.933†	1230.8	26.92	2.19%	[0.00]	ug/L
Cd 214.440†	93.1	2.88	3.09%	[0.00]	ug/L
Co 228.616†	-24.8	7.48	30.18%	[0.00]	ug/L
Cr 267.716†	44.1	12.85	29.12%	[0.00]	ug/L
Fe 238.204†	34.8	1.54	4.43%	[0.00]	ug/L
K 766.490†	-517.8	68.07	13.15%	[0.00]	ug/L
Mg 285.213†	32.4	1.02	3.15%	[0.00]	ug/L
Mn 257.610†	8.5	5.39	63.78%	[0.00]	ug/L
Mo 202.031†	3.2	0.33	10.45%	[0.00]	ug/L
Na 589.592†	1513.6	27.41	1.81%	[0.00]	ug/L
Ni 231.604†	-8.5	10.51	124.06%	[0.00]	ug/L
Pb 220.353†	23.9	2.28	9.55%	[0.00]	ug/L
Sb 206.836†	16.9	1.40	8.29%	[0.00]	ug/L
Se 196.026†	13.3	3.46	26.09%	[0.00]	ug/L
V 311.071†	4769.8	16.37	0.34%	[0.00]	ug/L
Sn 189.927†	-11.8	5.84	49.35%	[0.00]	ug/L
Sr 421.552†	258.3	77.81	30.13%	[0.00]	ug/L
Tl 190.801†	-32.2	1.19	3.69%	[0.00]	ug/L
Zn 206.200†	21.0	5.13	24.44%	[0.00]	ug/L
Ti 334.940†	133.2	6.02	4.52%	[0.00]	ug/L
B 249.772†	674.7	3.92	0.58%	[0.00]	ug/L
Cu 324.752†	5697.3	25.76	0.45%	[0.00]	ug/L
S 181.975†	8.8	3.87	43.94%	[0.00]	ug/L
Zr 343.823†	430.2	49.36	11.47%	[0.00]	ug/L

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Sequence No.: 2
Sample ID: STD2
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 5/10/2010 12:44:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: STD2

	Mean Corrected				Calib

Analyte	Intensity	Std.Dev.	RSD	Conc.	Units
Y 371.029	978381.4	6517.84	0.67%	0.925	mg/L
Y (radial)	90665.9	204.50	0.23%	0.946	mg/L
Ag 328.068†	89817.7	717.14	0.80%	[500]	ug/L
Al 396.153†	113230.8	85.88	0.08%	[11000]	ug/L
As 188.979†	1274.1	12.26	0.96%	[1000]	ug/L
Ba 233.527†	73073.3	760.20	1.04%	[1000]	ug/L
Be 313.107†	1930632.7	3420.06	0.18%	[1000]	ug/L
Ca 317.933†	491524.7	1889.58	0.38%	[50000]	ug/L
Cd 214.440†	48054.3	518.01	1.08%	[1000]	ug/L
Co 228.616†	19990.0	211.58	1.06%	[1000]	ug/L
Cr 267.716†	41928.8	330.66	0.79%	[1000]	ug/L
Fe 238.204†	32447.0	158.35	0.49%	[11000]	ug/L
K 766.490†	477221.9	2558.24	0.54%	[50000]	ug/L
Mg 285.213†	592690.3	3305.34	0.56%	[50000]	ug/L
Mn 257.610†	528418.5	533.93	0.10%	[1000]	ug/L
Mo 202.031†	4812.6	16.07	0.33%	[1000]	ug/L
Na 589.592†	650855.5	4260.97	0.65%	[50000]	ug/L
Ni 231.604†	9963.7	81.00	0.81%	[1000]	ug/L
Pb 220.353†	2311.6	1.87	0.08%	[1000]	ug/L
Sb 206.836†	1581.6	2.21	0.14%	[1000]	ug/L
Se 196.026†	640.4	13.61	2.13%	[1000]	ug/L
V 311.071†	258835.6	2406.03	0.93%	[1000]	ug/L
Sn 189.927†	2120.2	2.08	0.10%	[1000]	ug/L
Sr 421.552†	852019.0	5369.86	0.63%	[1000]	ug/L
Tl 190.801†	1444.5	3.42	0.24%	[1000]	ug/L
Zn 206.200†	11824.2	122.29	1.03%	[1000]	ug/L
Ti 334.940†	853252.6	639.30	0.07%	[1000]	ug/L
B 249.772†	44110.3	639.89	1.45%	[1000]	ug/L
Cu 324.752†	313474.1	2997.74	0.96%	[1000]	ug/L
S 181.975†	5245.6	48.61	0.93%	[20000]	ug/L
Zr 343.823†	359222.7	3443.69	0.96%	[1000]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin, Calc Int	0.0	179.6	0.00000	1.000000	
Al 396.153	1	Lin, Calc Int	0.0	10.29	0.00000	1.000000	
As 188.979	1	Lin, Calc Int	0.0	1.274	0.00000	1.000000	
Ba 233.527	1	Lin, Calc Int	0.0	73.07	0.00000	1.000000	
Be 313.107	1	Lin, Calc Int	0.0	1931	0.00000	1.000000	
Ca 317.933	1	Lin, Calc Int	0.0	9.830	0.00000	1.000000	
Cd 214.440	1	Lin, Calc Int	0.0	48.05	0.00000	1.000000	
Co 228.616	1	Lin, Calc Int	0.0	19.99	0.00000	1.000000	
Cr 267.716	1	Lin, Calc Int	-0.0	41.93	0.00000	1.000000	
Fe 238.204	1	Lin, Calc Int	-0.0	2.950	0.00000	1.000000	
K 766.490	1	Lin, Calc Int	-0.0	9.544	0.00000	1.000000	
Mg 285.213	1	Lin, Calc Int	0.0	11.85	0.00000	1.000000	
Mn 257.610	1	Lin, Calc Int	0.0	528.4	0.00000	1.000000	
Mo 202.031	1	Lin, Calc Int	0.0	4.813	0.00000	1.000000	
Na 589.592	1	Lin, Calc Int	0.0	13.02	0.00000	1.000000	
Ni 231.604	1	Lin, Calc Int	-0.0	9.964	0.00000	1.000000	
Pb 220.353	1	Lin, Calc Int	0.0	2.312	0.00000	1.000000	
Sb 206.836	1	Lin, Calc Int	0.0	1.582	0.00000	1.000000	
Se 196.026	1	Lin, Calc Int	-0.0	0.6404	0.00000	1.000000	
V 311.071	1	Lin, Calc Int	0.0	258.8	0.00000	1.000000	
Sn 189.927	1	Lin, Calc Int	0.0	2.120	0.00000	1.000000	
Sr 421.552	1	Lin, Calc Int	0.0	852.0	0.00000	1.000000	
Tl 190.801	1	Lin, Calc Int	0.0	1.444	0.00000	1.000000	
Zn 206.200	1	Lin, Calc Int	0.0	11.82	0.00000	1.000000	
Ti 334.940	1	Lin, Calc Int	0.0	853.3	0.00000	1.000000	
B 249.772	1	Lin, Calc Int	0.0	44.11	0.00000	1.000000	
Cu 324.752	1	Lin, Calc Int	0.0	313.5	0.00000	1.000000	
S 181.975	1	Lin, Calc Int	0.0	0.2623	0.00000	1.000000	
Zr 343.823	1	Lin, Calc Int	0.0	359.2	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:

Autosampler Location: 3
Date Collected: 5/10/2010 12:47:47 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	979676.8	0.927	mg/L	0.0136				1.46%
Y (radial)	93407.9	0.974	mg/L	0.0122				1.25%
Ag 328.068†	53210.5	297.3	ug/L	1.22	297.3	ug/L	1.22	0.41%
QC value within limits for Ag 328.068 Recovery = 99.09%								
Al 396.153†	52843.6	5114	ug/L	0.6	5114	ug/L	0.6	0.01%
QC value within limits for Al 396.153 Recovery = 96.49%								
As 188.979†	376.3	295.5	ug/L	5.50	295.5	ug/L	5.50	1.86%
QC value within limits for As 188.979 Recovery = 98.49%								
Ba 233.527†	22309.8	305.8	ug/L	2.07	305.8	ug/L	2.07	0.68%
QC value within limits for Ba 233.527 Recovery = 101.95%								
Be 313.107†	587310.9	306.3	ug/L	2.45	306.3	ug/L	2.45	0.80%
QC value within limits for Be 313.107 Recovery = 102.10%								
Ca 317.933†	171716.8	17470	ug/L	27.7	17470	ug/L	27.7	0.16%
QC value within limits for Ca 317.933 Recovery = 93.16%								
Cd 214.440†	14736.1	306.5	ug/L	3.05	306.5	ug/L	3.05	0.99%
QC value within limits for Cd 214.440 Recovery = 102.17%								
Co 228.616†	6550.3	327.0	ug/L	4.00	327.0	ug/L	4.00	1.22%
QC value within limits for Co 228.616 Recovery = 108.99%								
Cr 267.716†	13021.5	310.9	ug/L	2.42	310.9	ug/L	2.42	0.78%
QC value within limits for Cr 267.716 Recovery = 103.65%								
Fe 238.204†	14769.9	5012	ug/L	20.8	5012	ug/L	20.8	0.41%
QC value within limits for Fe 238.204 Recovery = 100.24%								
K 766.490†	359807.4	37700	ug/L	173.7	37700	ug/L	173.7	0.46%
QC value within limits for K 766.490 Recovery = 94.25%								
Mg 285.213†	211813.3	17870	ug/L	8.2	17870	ug/L	8.2	0.05%
QC value within limits for Mg 285.213 Recovery = 95.32%								
Mn 257.610†	159718.3	301.5	ug/L	2.64	301.5	ug/L	2.64	0.88%
QC value within limits for Mn 257.610 Recovery = 100.49%								
Mo 202.031†	2461.6	511.7	ug/L	4.96	511.7	ug/L	4.96	0.97%
QC value within limits for Mo 202.031 Recovery = 102.34%								
Na 589.592†	498405.4	38290	ug/L	142.4	38290	ug/L	142.4	0.37%
QC value within limits for Na 589.592 Recovery = 95.72%								
Ni 231.604†	3229.1	324.4	ug/L	2.94	324.4	ug/L	2.94	0.91%
QC value within limits for Ni 231.604 Recovery = 108.13%								
Pb 220.353†	713.5	310.2	ug/L	0.01	310.2	ug/L	0.01	0.00%
QC value within limits for Pb 220.353 Recovery = 103.40%								
Sb 206.836†	466.7	295.9	ug/L	3.44	295.9	ug/L	3.44	1.16%
QC value within limits for Sb 206.836 Recovery = 98.65%								
Se 196.026†	180.9	286.0	ug/L	17.80	286.0	ug/L	17.80	6.22%
QC value within limits for Se 196.026 Recovery = 95.32%								
V 311.071†	79077.6	299.0	ug/L	0.72	299.0	ug/L	0.72	0.24%
QC value within limits for V 311.071 Recovery = 99.66%								
Sn 189.927†	1083.8	513.9	ug/L	4.60	513.9	ug/L	4.60	0.89%
QC value within limits for Sn 189.927 Recovery = 102.78%								
Sr 421.552†	424944.4	498.7	ug/L	2.50	498.7	ug/L	2.50	0.50%
QC value within limits for Sr 421.552 Recovery = 99.75%								
Tl 190.801†	454.4	320.7	ug/L	6.16	320.7	ug/L	6.16	1.92%
QC value within limits for Tl 190.801 Recovery = 106.91%								
Zn 206.200†	3702.2	315.7	ug/L	2.50	315.7	ug/L	2.50	0.79%
QC value within limits for Zn 206.200 Recovery = 105.24%								
Ti 334.940†	438576.3	514.0	ug/L	2.21	514.0	ug/L	2.21	0.43%
QC value within limits for Ti 334.940 Recovery = 102.80%								
B 249.772†	22578.7	490.1	ug/L	1.43	490.1	ug/L	1.43	0.29%
QC value within limits for B 249.772 Recovery = 98.01%								
Cu 324.752†	99816.6	319.2	ug/L	0.19	319.2	ug/L	0.19	0.06%
QC value within limits for Cu 324.752 Recovery = 106.40%								
S 181.975†	2560.0	9938	ug/L	155.3	9938	ug/L	155.3	1.56%
QC value within limits for S 181.975 Recovery = 99.38%								
Zr 343.823†	110013.7	306.0	ug/L	0.83	306.0	ug/L	0.83	0.27%
QC value within limits for Zr 343.823 Recovery = 101.99%								

All analyte(s) passed QC.

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Sequence No.: 4
Sample ID: ICB
Analyst:

Autosampler Location: 1
Date Collected: 5/10/2010 12:51:19 PM
Data Type: Original

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1040946.2	0.985	mg/L	0.0020				0.20%
Y (radial)	91462.0	0.954	mg/L	0.0078				0.82%
Ag 328.068†	38.9	0.216	ug/L	0.1357	0.216	ug/L	0.1357	62.95%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-105.2	-10.24	ug/L	6.979	-10.24	ug/L	6.979	68.16%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-8.9	-6.953	ug/L	4.6712	-6.953	ug/L	4.6712	67.18%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	4.1	0.055	ug/L	0.0190	0.055	ug/L	0.0190	34.63%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	1.5	0.001	ug/L	0.0281	0.001	ug/L	0.0281	>999.9%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	32.8	3.339	ug/L	3.3442	3.339	ug/L	3.3442	100.17%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	7.0	0.145	ug/L	0.0818	0.145	ug/L	0.0818	56.25%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	0.9	0.045	ug/L	0.4408	0.045	ug/L	0.4408	977.33%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	3.0	0.071	ug/L	0.5121	0.071	ug/L	0.5121	722.22%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-8.5	-2.866	ug/L	0.6584	-2.866	ug/L	0.6584	22.97%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-206.3	-21.62	ug/L	1.621	-21.62	ug/L	1.621	7.50%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	4.8	0.400	ug/L	0.2594	0.400	ug/L	0.2594	64.83%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	1.8	0.003	ug/L	0.0041	0.003	ug/L	0.0041	122.02%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	2.2	0.459	ug/L	0.9704	0.459	ug/L	0.9704	211.26%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-5.6	-0.432	ug/L	4.7026	-0.432	ug/L	4.7026	>999.9%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-6.1	-0.610	ug/L	0.4266	-0.610	ug/L	0.4266	69.98%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-5.9	-2.558	ug/L	0.9500	-2.558	ug/L	0.9500	37.13%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	3.1	1.969	ug/L	3.7908	1.969	ug/L	3.7908	192.54%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-9.4	-14.69	ug/L	11.953	-14.69	ug/L	11.953	81.37%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-68.8	-0.267	ug/L	0.2395	-0.267	ug/L	0.2395	89.78%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	2.1	0.990	ug/L	1.5051	0.990	ug/L	1.5051	152.06%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	96.2	0.113	ug/L	0.0295	0.113	ug/L	0.0295	26.07%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-2.5	-1.699	ug/L	2.5033	-1.699	ug/L	2.5033	147.31%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-7.5	-0.634	ug/L	0.5781	-0.634	ug/L	0.5781	91.20%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	75.3	0.088	ug/L	0.0299	0.088	ug/L	0.0299	33.88%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	262.8	5.969	ug/L	0.1669	5.969	ug/L	0.1669	2.80%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-12.4	-0.040	ug/L	0.0609	-0.040	ug/L	0.0609	151.84%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	5.7	21.79	ug/L	7.391	21.79	ug/L	7.391	33.91%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	21.3	0.060	ug/L	0.0884	0.060	ug/L	0.0884	148.58%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 5 Autosampler Location: 4
Sample ID: CRI Date Collected: 5/10/2010 12:54:28 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1009873.1	0.955	mg/L	0.0063				0.66%
Y (radial)	90308.5	0.942	mg/L	0.0092				0.97%
Ag 328.068†	1787.5	9.993	ug/L	0.0860	9.993	ug/L	0.0860	0.86%
QC value within limits for Ag 328.068 Recovery = 99.93%								
Al 396.153†	5363.5	519.9	ug/L	1.12	519.9	ug/L	1.12	0.22%
QC value within limits for Al 396.153 Recovery = 103.98%								
As 188.979†	35.3	27.65	ug/L	1.820	27.65	ug/L	1.820	6.58%
QC value within limits for As 188.979 Recovery = 92.18%								
Ba 233.527†	768.3	10.53	ug/L	0.011	10.53	ug/L	0.011	0.10%
QC value within limits for Ba 233.527 Recovery = 105.30%								
Be 313.107†	18644.3	9.779	ug/L	0.0172	9.779	ug/L	0.0172	0.18%
QC value within limits for Be 313.107 Recovery = 97.79%								
Ca 317.933†	10343.4	1052	ug/L	12.1	1052	ug/L	12.1	1.15%
QC value within limits for Ca 317.933 Recovery = 105.22%								
Cd 214.440†	506.2	10.53	ug/L	0.302	10.53	ug/L	0.302	2.87%
QC value within limits for Cd 214.440 Recovery = 105.26%								
Co 228.616†	198.2	9.877	ug/L	0.2138	9.877	ug/L	0.2138	2.16%
QC value within limits for Co 228.616 Recovery = 98.77%								
Cr 267.716†	430.4	10.28	ug/L	0.095	10.28	ug/L	0.095	0.93%
QC value within limits for Cr 267.716 Recovery = 102.81%								
Fe 238.204†	779.1	264.3	ug/L	2.35	264.3	ug/L	2.35	0.89%
QC value within limits for Fe 238.204 Recovery = 105.71%								
K 766.490†	7482.9	784.0	ug/L	30.64	784.0	ug/L	30.64	3.91%
QC value within limits for K 766.490 Recovery = 78.40%								
Mg 285.213†	12189.8	1029	ug/L	12.8	1029	ug/L	12.8	1.25%
QC value within limits for Mg 285.213 Recovery = 102.86%								
Mn 257.610†	5536.9	10.43	ug/L	0.099	10.43	ug/L	0.099	0.95%
QC value within limits for Mn 257.610 Recovery = 104.32%								
Mo 202.031†	143.0	29.73	ug/L	0.255	29.73	ug/L	0.255	0.86%
QC value within limits for Mo 202.031 Recovery = 99.09%								
Na 589.592†	12070.2	927.3	ug/L	9.53	927.3	ug/L	9.53	1.03%
QC value within limits for Na 589.592 Recovery = 92.73%								
Ni 231.604†	109.9	11.04	ug/L	0.315	11.04	ug/L	0.315	2.85%
QC value within limits for Ni 231.604 Recovery = 110.42%								
Pb 220.353†	74.0	32.13	ug/L	3.228	32.13	ug/L	3.228	10.05%
QC value within limits for Pb 220.353 Recovery = 107.10%								
Sb 206.836†	58.6	37.23	ug/L	5.308	37.23	ug/L	5.308	14.26%
QC value within limits for Sb 206.836 Recovery = 124.08%								
Se 196.026†	44.8	70.16	ug/L	2.162	70.16	ug/L	2.162	3.08%
QC value within limits for Se 196.026 Recovery = 93.54%								
V 311.071†	2724.9	10.15	ug/L	0.462	10.15	ug/L	0.462	4.55%
QC value within limits for V 311.071 Recovery = 101.51%								
Sn 189.927†	68.5	32.45	ug/L	0.394	32.45	ug/L	0.394	1.21%
QC value within limits for Sn 189.927 Recovery = 108.18%								
Sr 421.552†	8919.7	10.47	ug/L	0.016	10.47	ug/L	0.016	0.15%
QC value within limits for Sr 421.552 Recovery = 104.69%								
Tl 190.801†	44.8	31.42	ug/L	0.466	31.42	ug/L	0.466	1.48%
QC value within limits for Tl 190.801 Recovery = 104.73%								
Zn 206.200†	344.1	29.19	ug/L	1.075	29.19	ug/L	1.075	3.68%
QC value within limits for Zn 206.200 Recovery = 97.30%								
Ti 334.940†	25330.4	29.69	ug/L	0.102	29.69	ug/L	0.102	0.34%
QC value within limits for Ti 334.940 Recovery = 98.96%								
B 249.772†	2365.0	52.46	ug/L	0.512	52.46	ug/L	0.512	0.98%
QC value within limits for B 249.772 Recovery = 104.93%								
Cu 324.752†	3198.9	10.25	ug/L	0.098	10.25	ug/L	0.098	0.96%
QC value within limits for Cu 324.752 Recovery = 102.45%								
S 181.975†	258.9	997.2	ug/L	6.64	997.2	ug/L	6.64	0.67%
QC value within limits for S 181.975 Recovery = 99.72%								
Zr 343.823†	10474.0	29.14	ug/L	0.230	29.14	ug/L	0.230	0.79%
QC value within limits for Zr 343.823 Recovery = 97.14%								

All analyte(s) passed QC.

Sequence No.: 6

Autosampler Location: 5

Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 5/10/2010 12:57:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	901950.0	0.853	mg/L	0.0124				1.45%
Y (radial)	88841.0	0.927	mg/L	0.0023				0.25%
Ag 328.068†	-1821.9	1.300	ug/L	0.6044	1.300	ug/L	0.6044	46.49%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	5359522.3	520700	ug/L	5406.4	520700	ug/L	5406.4	1.04%
QC value within limits for Al 396.153 Recovery = 104.13%								
As 188.979†	22.0	5.914	ug/L	16.6693	5.914	ug/L	16.6693	281.87%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	412.9	2.270	ug/L	0.8897	2.270	ug/L	0.8897	39.20%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-648.2	-0.377	ug/L	0.0149	-0.377	ug/L	0.0149	3.96%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	4707860.8	478900	ug/L	963.6	478900	ug/L	963.6	0.20%
QC value within limits for Ca 317.933 Recovery = 95.78%								
Cd 214.440†	229.2	-0.906	ug/L	0.6063	-0.906	ug/L	0.6063	66.91%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	92.6	-0.992	ug/L	0.7229	-0.992	ug/L	0.7229	72.85%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-195.3	-0.582	ug/L	0.4472	-0.582	ug/L	0.4472	76.86%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	534475.7	181200	ug/L	813.8	181200	ug/L	813.8	0.45%
QC value within limits for Fe 238.204 Recovery = 90.60%								
K 766.490†	650.5	68.15	ug/L	10.477	68.15	ug/L	10.477	15.37%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	5304579.8	447700	ug/L	2479.6	447700	ug/L	2479.6	0.55%
QC value within limits for Mg 285.213 Recovery = 89.53%								
Mn 257.610†	194.7	-19.61	ug/L	0.110	-19.61	ug/L	0.110	0.56%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-44.9	-2.249	ug/L	2.4854	-2.249	ug/L	2.4854	110.52%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	601.8	46.23	ug/L	0.686	46.23	ug/L	0.686	1.48%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-9.1	-0.908	ug/L	0.8276	-0.908	ug/L	0.8276	91.15%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-102.6	-11.98	ug/L	1.771	-11.98	ug/L	1.771	14.78%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	-7.1	-4.469	ug/L	17.0950	-4.469	ug/L	17.0950	382.48%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-154.1	-80.52	ug/L	27.659	-80.52	ug/L	27.659	34.35%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	3016.5	0.562	ug/L	0.2221	0.562	ug/L	0.2221	39.51%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-24.4	-11.55	ug/L	4.979	-11.55	ug/L	4.979	43.11%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	4218.1	4.951	ug/L	0.1016	4.951	ug/L	0.1016	2.05%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-58.5	-31.81	ug/L	22.908	-31.81	ug/L	22.908	72.02%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	97.5	8.203	ug/L	1.9093	8.203	ug/L	1.9093	23.28%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	-8576.5	-10.05	ug/L	0.002	-10.05	ug/L	0.002	0.02%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	34633.2	-4.174	ug/L	0.9589	-4.174	ug/L	0.9589	22.97%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-6829.5	6.064	ug/L	0.1099	6.064	ug/L	0.1099	1.81%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-841.5	1238	ug/L	99.5	1238	ug/L	99.5	8.04%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	2050.6	-4.332	ug/L	0.1594	-4.332	ug/L	0.1594	3.68%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 5/10/2010 1:01:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	857293.8	0.811	mg/L	0.0069				0.85%
Y (radial)	85675.6	0.894	mg/L	0.0132				1.48%
Ag 328.068†	18433.3	115.6	ug/L	0.35	115.6	ug/L	0.35	0.30%
QC value within limits for Ag 328.068 Recovery = 115.61%								
Al 396.153†	5418589.3	526400	ug/L	1953.0	526400	ug/L	1953.0	0.37%
QC value within limits for Al 396.153 Recovery = 105.28%								
As 188.979†	656.4	505.0	ug/L	18.37	505.0	ug/L	18.37	3.64%
QC value within limits for As 188.979 Recovery = 101.00%								
Ba 233.527†	36404.8	495.7	ug/L	2.83	495.7	ug/L	2.83	0.57%
QC value within limits for Ba 233.527 Recovery = 99.15%								
Be 313.107†	933941.1	485.8	ug/L	1.31	485.8	ug/L	1.31	0.27%
QC value within limits for Be 313.107 Recovery = 97.17%								
Ca 317.933†	4789897.7	487200	ug/L	3943.2	487200	ug/L	3943.2	0.81%
QC value within limits for Ca 317.933 Recovery = 97.45%								
Cd 214.440†	22807.6	468.8	ug/L	0.88	468.8	ug/L	0.88	0.19%
QC value within limits for Cd 214.440 Recovery = 93.76%								
Co 228.616†	9866.5	487.2	ug/L	5.52	487.2	ug/L	5.52	1.13%
QC value within limits for Co 228.616 Recovery = 97.45%								
Cr 267.716†	20257.0	487.8	ug/L	2.50	487.8	ug/L	2.50	0.51%
QC value within limits for Cr 267.716 Recovery = 97.55%								
Fe 238.204†	550222.3	186500	ug/L	5462.1	186500	ug/L	5462.1	2.93%
QC value within limits for Fe 238.204 Recovery = 93.27%								
K 766.490†	375.2	39.31	ug/L	8.954	39.31	ug/L	8.954	22.78%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	5403655.8	456000	ug/L	3209.1	456000	ug/L	3209.1	0.70%
QC value within limits for Mg 285.213 Recovery = 91.20%								
Mn 257.610†	254644.1	461.5	ug/L	1.03	461.5	ug/L	1.03	0.22%
QC value within limits for Mn 257.610 Recovery = 92.31%								
Mo 202.031†	2437.8	513.8	ug/L	6.93	513.8	ug/L	6.93	1.35%
QC value within limits for Mo 202.031 Recovery = 102.77%								
Na 589.592†	743.7	57.13	ug/L	12.199	57.13	ug/L	12.199	21.35%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	4642.9	466.5	ug/L	3.97	466.5	ug/L	3.97	0.85%
QC value within limits for Ni 231.604 Recovery = 93.29%								
Pb 220.353†	1029.5	479.4	ug/L	6.19	479.4	ug/L	6.19	1.29%
QC value within limits for Pb 220.353 Recovery = 95.87%								
Sb 206.836†	838.1	528.6	ug/L	17.00	528.6	ug/L	17.00	3.22%
QC value within limits for Sb 206.836 Recovery = 105.72%								
Se 196.026†	549.0	1021	ug/L	31.9	1021	ug/L	31.9	3.12%
QC value within limits for Se 196.026 Recovery = 102.11%								
V 311.071†	131528.9	490.6	ug/L	1.81	490.6	ug/L	1.81	0.37%
QC value within limits for V 311.071 Recovery = 98.12%								
Sn 189.927†	1015.5	481.7	ug/L	9.19	481.7	ug/L	9.19	1.91%
QC value within limits for Sn 189.927 Recovery = 96.33%								
Sr 421.552†	431253.4	506.2	ug/L	15.40	506.2	ug/L	15.40	3.04%
QC value within limits for Sr 421.552 Recovery = 101.23%								
Tl 190.801†	681.8	486.4	ug/L	9.97	486.4	ug/L	9.97	2.05%
QC value within limits for Tl 190.801 Recovery = 97.27%								
Zn 206.200†	5568.9	475.1	ug/L	6.87	475.1	ug/L	6.87	1.45%
QC value within limits for Zn 206.200 Recovery = 95.01%								
Ti 334.940†	435854.5	510.8	ug/L	0.88	510.8	ug/L	0.88	0.17%
QC value within limits for Ti 334.940 Recovery = 102.16%								
B 249.772†	58884.6	522.4	ug/L	17.84	522.4	ug/L	17.84	3.41%
QC value within limits for B 249.772 Recovery = 104.47%								
Cu 324.752†	180870.5	605.7	ug/L	1.02	605.7	ug/L	1.02	0.17%
QC value greater than the upper limit for Cu 324.752 Recovery = 121.13%								
S 181.975†	-891.0	1132	ug/L	36.8	1132	ug/L	36.8	3.25%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	188359.5	514.0	ug/L	2.43	514.0	ug/L	2.43	0.47%
QC value within limits for Zr 343.823 Recovery = 102.80%								

QC Failed. Continue with analysis.

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 1:04:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	985039.3	0.932	mg/L	0.0155				1.67%
Y (radial)	91911.3	0.959	mg/L	0.0067				0.70%
Ag 328.068†	52943.6	295.8	ug/L	0.10	295.8	ug/L	0.10	0.03%
QC value within limits for Ag 328.068 Recovery = 98.60%								
Al 396.153†	52506.5	5081	ug/L	10.2	5081	ug/L	10.2	0.20%
QC value within limits for Al 396.153 Recovery = 95.87%								
As 188.979†	383.4	301.1	ug/L	5.84	301.1	ug/L	5.84	1.94%
QC value within limits for As 188.979 Recovery = 100.36%								
Ba 233.527†	22416.8	307.3	ug/L	1.77	307.3	ug/L	1.77	0.58%
QC value within limits for Ba 233.527 Recovery = 102.44%								
Be 313.107†	587554.4	306.4	ug/L	1.00	306.4	ug/L	1.00	0.33%
QC value within limits for Be 313.107 Recovery = 102.15%								
Ca 317.933†	171464.8	17440	ug/L	56.1	17440	ug/L	56.1	0.32%
QC value within limits for Ca 317.933 Recovery = 93.02%								
Cd 214.440†	14901.9	309.9	ug/L	2.69	309.9	ug/L	2.69	0.87%
QC value within limits for Cd 214.440 Recovery = 103.32%								
Co 228.616†	6557.4	327.3	ug/L	1.86	327.3	ug/L	1.86	0.57%
QC value within limits for Co 228.616 Recovery = 109.11%								
Cr 267.716†	13054.0	311.7	ug/L	2.58	311.7	ug/L	2.58	0.83%
QC value within limits for Cr 267.716 Recovery = 103.91%								
Fe 238.204†	14821.9	5030	ug/L	25.5	5030	ug/L	25.5	0.51%
QC value within limits for Fe 238.204 Recovery = 100.60%								
K 766.490†	375674.0	39360	ug/L	36.2	39360	ug/L	36.2	0.09%
QC value within limits for K 766.490 Recovery = 98.40%								
Mg 285.213†	212179.1	17900	ug/L	14.9	17900	ug/L	14.9	0.08%
QC value within limits for Mg 285.213 Recovery = 95.49%								
Mn 257.610†	160159.0	302.3	ug/L	0.85	302.3	ug/L	0.85	0.28%
QC value within limits for Mn 257.610 Recovery = 100.76%								
Mo 202.031†	2461.9	511.7	ug/L	1.37	511.7	ug/L	1.37	0.27%
QC value within limits for Mo 202.031 Recovery = 102.35%								
Na 589.592†	498509.3	38300	ug/L	133.3	38300	ug/L	133.3	0.35%
QC value within limits for Na 589.592 Recovery = 95.74%								
Ni 231.604†	3229.0	324.4	ug/L	2.63	324.4	ug/L	2.63	0.81%
QC value within limits for Ni 231.604 Recovery = 108.13%								
Pb 220.353†	715.0	310.9	ug/L	0.61	310.9	ug/L	0.61	0.20%
QC value within limits for Pb 220.353 Recovery = 103.62%								
Sb 206.836†	459.3	291.3	ug/L	0.62	291.3	ug/L	0.62	0.21%
QC value within limits for Sb 206.836 Recovery = 97.09%								
Se 196.026†	184.1	290.9	ug/L	6.68	290.9	ug/L	6.68	2.29%
QC value within limits for Se 196.026 Recovery = 96.98%								
V 311.071†	79008.4	298.7	ug/L	0.74	298.7	ug/L	0.74	0.25%
QC value within limits for V 311.071 Recovery = 99.57%								
Sn 189.927†	1098.5	520.9	ug/L	9.45	520.9	ug/L	9.45	1.81%
QC value within limits for Sn 189.927 Recovery = 104.17%								
Sr 421.552†	425582.4	499.5	ug/L	1.69	499.5	ug/L	1.69	0.34%
QC value within limits for Sr 421.552 Recovery = 99.90%								
Tl 190.801†	460.1	324.7	ug/L	0.50	324.7	ug/L	0.50	0.15%
QC value within limits for Tl 190.801 Recovery = 108.22%								
Zn 206.200†	3747.4	319.6	ug/L	1.75	319.6	ug/L	1.75	0.55%
QC value within limits for Zn 206.200 Recovery = 106.52%								
Ti 334.940†	438976.1	514.5	ug/L	0.11	514.5	ug/L	0.11	0.02%
QC value within limits for Ti 334.940 Recovery = 102.89%								
B 249.772†	22285.0	483.3	ug/L	1.85	483.3	ug/L	1.85	0.38%
QC value within limits for B 249.772 Recovery = 96.66%								
Cu 324.752†	99621.0	318.6	ug/L	1.75	318.6	ug/L	1.75	0.55%
QC value within limits for Cu 324.752 Recovery = 106.19%								
S 181.975†	2537.2	9851	ug/L	97.1	9851	ug/L	97.1	0.99%
QC value within limits for S 181.975 Recovery = 98.51%								
Zr 343.823†	110257.2	306.7	ug/L	0.38	306.7	ug/L	0.38	0.12%
QC value within limits for Zr 343.823 Recovery = 102.22%								

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 1:08:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1044408.6	0.988	mg/L	0.0096				0.97%
Y (radial)	93450.4	0.975	mg/L	0.0116				1.19%
Ag 328.068†	65.9	0.367	ug/L	0.0358	0.367	ug/L	0.0358	9.77%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-66.7	-6.502	ug/L	3.1538	-6.502	ug/L	3.1538	48.51%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-9.3	-7.297	ug/L	3.2493	-7.297	ug/L	3.2493	44.53%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	-2.1	-0.029	ug/L	0.0894	-0.029	ug/L	0.0894	306.87%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-39.2	-0.020	ug/L	0.0120	-0.020	ug/L	0.0120	59.81%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	19.8	2.015	ug/L	2.3091	2.015	ug/L	2.3091	114.58%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-5.8	-0.120	ug/L	0.3880	-0.120	ug/L	0.3880	322.07%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-6.8	-0.339	ug/L	0.2904	-0.339	ug/L	0.2904	85.72%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	2.9	0.069	ug/L	0.0772	0.069	ug/L	0.0772	112.39%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	29.4	9.951	ug/L	1.4353	9.951	ug/L	1.4353	14.42%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-149.2	-15.63	ug/L	2.217	-15.63	ug/L	2.217	14.18%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	9.2	0.782	ug/L	0.1547	0.782	ug/L	0.1547	19.78%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-1.7	-0.003	ug/L	0.0095	-0.003	ug/L	0.0095	292.09%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	2.4	0.503	ug/L	0.8271	0.503	ug/L	0.8271	164.28%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-59.2	-4.545	ug/L	9.7057	-4.545	ug/L	9.7057	213.54%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-11.2	-1.128	ug/L	0.4191	-1.128	ug/L	0.4191	37.14%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-0.6	-0.281	ug/L	1.3532	-0.281	ug/L	1.3532	480.79%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	2.8	1.786	ug/L	6.2820	1.786	ug/L	6.2820	351.79%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-1.3	-2.000	ug/L	7.4837	-2.000	ug/L	7.4837	374.23%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-82.3	-0.319	ug/L	0.0294	-0.319	ug/L	0.0294	9.21%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	5.5	2.585	ug/L	0.6446	2.585	ug/L	0.6446	24.93%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	74.8	0.088	ug/L	0.1020	0.088	ug/L	0.1020	116.20%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	4.6	3.194	ug/L	5.9364	3.194	ug/L	5.9364	185.85%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-0.2	-0.015	ug/L	0.4357	-0.015	ug/L	0.4357	>999.9%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	60.8	0.071	ug/L	0.0168	0.071	ug/L	0.0168	23.52%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	164.8	3.692	ug/L	0.3657	3.692	ug/L	0.3657	9.90%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	105.0	0.337	ug/L	0.0637	0.337	ug/L	0.0637	18.91%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-0.2	-0.865	ug/L	11.6076	-0.865	ug/L	11.6076	>999.9%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	49.5	0.137	ug/L	0.0282	0.137	ug/L	0.0282	20.58%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: mb 220-38241/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 5/10/2010 1:11:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-38241/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1029607.5	0.974	mg/L	0.0139				1.43%
Y (radial)	90499.6	0.944	mg/L	0.0039				0.42%
Ag 328.068†	80.7	0.450	ug/L	0.2088	0.450	ug/L	0.2088	46.43%
Al 396.153†	-231.9	-22.49	ug/L	7.123	-22.49	ug/L	7.123	31.67%
As 188.979†	-3.7	-2.931	ug/L	3.9674	-2.931	ug/L	3.9674	135.35%
Ba 233.527†	4.6	0.062	ug/L	0.0340	0.062	ug/L	0.0340	54.50%
Be 313.107†	-14.6	-0.008	ug/L	0.0472	-0.008	ug/L	0.0472	615.07%
Ca 317.933†	-346.1	-35.21	ug/L	1.445	-35.21	ug/L	1.445	4.10%
Cd 214.440†	11.8	0.246	ug/L	0.0093	0.246	ug/L	0.0093	3.78%
Co 228.616†	-9.9	-0.497	ug/L	0.2139	-0.497	ug/L	0.2139	43.00%
Cr 267.716†	-5.1	-0.123	ug/L	0.0683	-0.123	ug/L	0.0683	55.71%
Fe 238.204†	17.9	6.070	ug/L	0.8505	6.070	ug/L	0.8505	14.01%
K 766.490†	234.0	24.51	ug/L	8.023	24.51	ug/L	8.023	32.73%
Mg 285.213†	-2.2	-0.180	ug/L	0.3267	-0.180	ug/L	0.3267	181.33%
Mn 257.610†	35.6	0.067	ug/L	0.0390	0.067	ug/L	0.0390	57.93%
Mo 202.031†	-4.8	-1.006	ug/L	1.2162	-1.006	ug/L	1.2162	120.95%
Na 589.592†	934.4	71.79	ug/L	0.950	71.79	ug/L	0.950	1.32%
Ni 231.604†	5.3	0.530	ug/L	0.2941	0.530	ug/L	0.2941	55.45%
Pb 220.353†	1.2	0.531	ug/L	0.4316	0.531	ug/L	0.4316	81.21%
Sb 206.836†	7.0	4.439	ug/L	0.3357	4.439	ug/L	0.3357	7.56%
Se 196.026†	0.3	0.441	ug/L	6.6638	0.441	ug/L	6.6638	>999.9%
V 311.071†	-6.8	-0.026	ug/L	0.0231	-0.026	ug/L	0.0231	88.16%
Sn 189.927†	12.6	5.938	ug/L	1.7178	5.938	ug/L	1.7178	28.93%
Sr 421.552†	-341.9	-0.401	ug/L	0.0672	-0.401	ug/L	0.0672	16.74%
Tl 190.801†	1.5	1.023	ug/L	0.9094	1.023	ug/L	0.9094	88.88%
Zn 206.200†	16.0	1.351	ug/L	0.5234	1.351	ug/L	0.5234	38.73%
Ti 334.940†	-22.3	-0.026	ug/L	0.0350	-0.026	ug/L	0.0350	133.97%
B 249.772†	-22.6	-0.540	ug/L	0.0374	-0.540	ug/L	0.0374	6.93%
Cu 324.752†	106.8	0.342	ug/L	0.0453	0.342	ug/L	0.0453	13.25%
S 181.975†	20.1	76.45	ug/L	11.443	76.45	ug/L	11.443	14.97%
Zr 343.823†	33.9	0.094	ug/L	0.0838	0.094	ug/L	0.0838	89.28%

Sequence No.: 11
Sample ID: lcs 220-38241/2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 5/10/2010 1:14:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lcs 220-38241/2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1010100.7	0.955	mg/L	0.0109				1.14%
Y (radial)	94575.8	0.986	mg/L	0.0040				0.41%
Ag 328.068†	55789.1	312.9	ug/L	0.56	312.9	ug/L	0.56	0.18%
Al 396.153†	59632.0	5754	ug/L	0.5	5754	ug/L	0.5	0.01%
As 188.979†	1338.4	1051	ug/L	22.2	1051	ug/L	22.2	2.11%
Ba 233.527†	23201.3	317.7	ug/L	1.29	317.7	ug/L	1.29	0.40%
Be 313.107†	201344.9	108.4	ug/L	0.42	108.4	ug/L	0.42	0.39%
Ca 317.933†	283797.5	28870	ug/L	58.0	28870	ug/L	58.0	0.20%
Cd 214.440†	15254.0	316.7	ug/L	0.34	316.7	ug/L	0.34	0.11%
Co 228.616†	6705.5	333.7	ug/L	6.02	333.7	ug/L	6.02	1.80%
Cr 267.716†	13129.2	314.0	ug/L	0.96	314.0	ug/L	0.96	0.31%
Fe 238.204†	72197.2	24480	ug/L	76.8	24480	ug/L	76.8	0.31%
K 766.490†	182663.0	19140	ug/L	4.5	19140	ug/L	4.5	0.02%
Mg 285.213†	175845.9	14860	ug/L	17.0	14860	ug/L	17.0	0.11%
Mn 257.610†	110866.2	209.1	ug/L	1.05	209.1	ug/L	1.05	0.50%
Mo 202.031†	4925.9	1025	ug/L	19.8	1025	ug/L	19.8	1.93%

Na 589.592†	371462.3	28540	ug/L	189.3	28540	ug/L	189.3	0.66%
Ni 231.604†	3277.7	329.3	ug/L	4.65	329.3	ug/L	4.65	1.41%
Pb 220.353†	2436.2	1055	ug/L	15.7	1055	ug/L	15.7	1.49%
Sb 206.836†	1577.1	1003	ug/L	19.2	1003	ug/L	19.2	1.92%
Se 196.026†	320.3	515.6	ug/L	26.61	515.6	ug/L	26.61	5.16%
V 311.071†	84905.7	315.4	ug/L	1.06	315.4	ug/L	1.06	0.34%
Sn 189.927†	2142.5	1016	ug/L	18.2	1016	ug/L	18.2	1.79%
Sr 421.552†	124.6	0.146	ug/L	0.0130	0.146	ug/L	0.0130	8.91%
Tl 190.801†	1530.0	1073	ug/L	11.0	1073	ug/L	11.0	1.02%
Zn 206.200†	3648.1	311.2	ug/L	5.95	311.2	ug/L	5.95	1.91%
Ti 334.940†	852280.1	998.9	ug/L	2.83	998.9	ug/L	2.83	0.28%
B 249.772†	47446.6	969.0	ug/L	4.48	969.0	ug/L	4.48	0.46%
Cu 324.752†	104056.4	335.7	ug/L	1.55	335.7	ug/L	1.55	0.46%
S 181.975†	2510.5	9719	ug/L	90.6	9719	ug/L	90.6	0.93%
Zr 343.823†	373738.3	1039	ug/L	2.7	1039	ug/L	2.7	0.26%

Sequence No.: 12
Sample ID: 220-12117-a-6-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 5/10/2010 1:18:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-6-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1014984.5	0.960	mg/L	0.0049				0.51%
Y (radial)	91312.7	0.952	mg/L	0.0035				0.37%
Ag 328.068†	77.1	0.429	ug/L	0.0843	0.429	ug/L	0.0843	19.63%
Al 396.153†	-201.0	-19.53	ug/L	0.990	-19.53	ug/L	0.990	5.07%
As 188.979†	-9.6	-7.493	ug/L	1.4722	-7.493	ug/L	1.4722	19.65%
Ba 233.527†	13.4	0.183	ug/L	0.0490	0.183	ug/L	0.0490	26.80%
Be 313.107†	-83.2	-0.042	ug/L	0.0120	-0.042	ug/L	0.0120	28.45%
Ca 317.933†	-370.2	-37.65	ug/L	1.993	-37.65	ug/L	1.993	5.29%
Cd 214.440†	2.4	0.050	ug/L	0.1564	0.050	ug/L	0.1564	310.44%
Co 228.616†	3.9	0.195	ug/L	0.0936	0.195	ug/L	0.0936	48.10%
Cr 267.716†	19.8	0.473	ug/L	0.0094	0.473	ug/L	0.0094	1.98%
Fe 238.204†	13.5	4.585	ug/L	1.0689	4.585	ug/L	1.0689	23.31%
K 766.490†	-12.5	-1.310	ug/L	6.6287	-1.310	ug/L	6.6287	506.10%
Mg 285.213†	8.8	0.743	ug/L	0.4018	0.743	ug/L	0.4018	54.09%
Mn 257.610†	47.4	0.090	ug/L	0.0304	0.090	ug/L	0.0304	33.97%
Mo 202.031†	-0.3	-0.060	ug/L	0.2164	-0.060	ug/L	0.2164	358.56%
Na 589.592†	670.3	51.49	ug/L	7.212	51.49	ug/L	7.212	14.01%
Ni 231.604†	-3.3	-0.334	ug/L	0.1280	-0.334	ug/L	0.1280	38.33%
Pb 220.353†	-4.9	-2.102	ug/L	2.4221	-2.102	ug/L	2.4221	115.24%
Sb 206.836†	-1.9	-1.221	ug/L	2.6189	-1.221	ug/L	2.6189	214.53%
Se 196.026†	2.5	3.903	ug/L	3.2959	3.903	ug/L	3.2959	84.45%
V 311.071†	-17.0	-0.068	ug/L	0.0120	-0.068	ug/L	0.0120	17.65%
Sn 189.927†	10.9	5.148	ug/L	2.2724	5.148	ug/L	2.2724	44.14%
Sr 421.552†	-326.3	-0.383	ug/L	0.0847	-0.383	ug/L	0.0847	22.10%
Tl 190.801†	4.9	3.383	ug/L	0.6048	3.383	ug/L	0.6048	17.88%
Zn 206.200†	-3.2	-0.271	ug/L	0.0333	-0.271	ug/L	0.0333	12.29%
Ti 334.940†	154.6	0.181	ug/L	0.0624	0.181	ug/L	0.0624	34.44%
B 249.772†	300.5	6.792	ug/L	0.3437	6.792	ug/L	0.3437	5.06%
Cu 324.752†	201.1	0.642	ug/L	0.1964	0.642	ug/L	0.1964	30.58%
S 181.975†	12.7	48.49	ug/L	12.432	48.49	ug/L	12.432	25.64%
Zr 343.823†	647.1	1.801	ug/L	0.0515	1.801	ug/L	0.0515	2.86%

Sequence No.: 13
Sample ID: lb 220-38226/1-d
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 5/10/2010 1:21:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lb 220-38226/1-d

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	935249.2	0.885	mg/L	0.0080				0.91%
Y (radial)	86933.2	0.907	mg/L	0.0076				0.84%

Ag 328.068†	50.9	0.288 ug/L	0.0957	0.288 ug/L	0.0957	33.23%
Al 396.153†	226.8	22.06 ug/L	2.999	22.06 ug/L	2.999	13.59%
As 188.979†	-3.7	-2.891 ug/L	0.1751	-2.891 ug/L	0.1751	6.06%
Ba 233.527†	2.5	0.038 ug/L	0.0662	0.038 ug/L	0.0662	175.11%
Be 313.107†	-465.4	-0.241 ug/L	0.0291	-0.241 ug/L	0.0291	12.08%
Ca 317.933†	-328.7	-33.43 ug/L	2.050	-33.43 ug/L	2.050	6.13%
Cd 214.440†	5.9	0.122 ug/L	0.0714	0.122 ug/L	0.0714	58.35%
Co 228.616†	-12.6	-0.632 ug/L	0.2457	-0.632 ug/L	0.2457	38.88%
Cr 267.716†	13.1	0.314 ug/L	0.1712	0.314 ug/L	0.1712	54.48%
Fe 238.204†	13.0	4.410 ug/L	0.9330	4.410 ug/L	0.9330	21.16%
K 766.490†	1745.3	182.9 ug/L	5.41	182.9 ug/L	5.41	2.96%
Mg 285.213†	25.8	2.181 ug/L	0.6922	2.181 ug/L	0.6922	31.74%
Mn 257.610†	37.9	0.072 ug/L	0.0265	0.072 ug/L	0.0265	37.06%
Mo 202.031†	-3.8	-0.796 ug/L	1.1933	-0.796 ug/L	1.1933	149.91%
Na 589.592†	6918110.8	531500 ug/L	4172.1	531500 ug/L	4172.1	0.79%
Ni 231.604†	-8.8	-0.885 ug/L	0.7980	-0.885 ug/L	0.7980	90.18%
Pb 220.353†	7.2	3.129 ug/L	4.3334	3.129 ug/L	4.3334	138.50%
Sb 206.836†	2.1	1.295 ug/L	1.1782	1.295 ug/L	1.1782	90.98%
Se 196.026†	-1.0	-1.617 ug/L	17.5469	-1.617 ug/L	17.5469	>999.9%
V 311.071†	445.6	1.721 ug/L	0.2608	1.721 ug/L	0.2608	15.16%
Sn 189.927†	0.9	0.414 ug/L	4.6635	0.414 ug/L	4.6635	>999.9%
Sr 421.552†	-228.3	-0.268 ug/L	0.1075	-0.268 ug/L	0.1075	40.12%
Tl 190.801†	-15.0	-10.35 ug/L	2.016	-10.35 ug/L	2.016	19.48%
Zn 206.200†	30.8	2.607 ug/L	0.1439	2.607 ug/L	0.1439	5.52%
Ti 334.940†	38.8	0.046 ug/L	0.0040	0.046 ug/L	0.0040	8.70%
B 249.772†	1751.9	39.70 ug/L	0.652	39.70 ug/L	0.652	1.64%
Cu 324.752†	784.9	2.505 ug/L	0.4395	2.505 ug/L	0.4395	17.55%
S 181.975†	12.7	48.40 ug/L	7.379	48.40 ug/L	7.379	15.25%
Zr 343.823†	353.8	0.985 ug/L	0.0672	0.985 ug/L	0.0672	6.82%

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Sequence No.: 14
Sample ID: 220-12119-b-7-f
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 5/10/2010 1:25:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12119-b-7-f

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	928455.4	0.878	mg/L	0.0034				0.38%
Y (radial)	89893.8	0.938	mg/L	0.0014				0.15%
Ag 328.068†	14.0	0.092	ug/L	0.1160	0.092	ug/L	0.1160	125.99%
Al 396.153†	189.7	18.50	ug/L	6.904	18.50	ug/L	6.904	37.32%
As 188.979†	-0.7	-0.517	ug/L	2.2940	-0.517	ug/L	2.2940	443.60%
Ba 233.527†	13068.1	178.8	ug/L	0.33	178.8	ug/L	0.33	0.19%
Be 313.107†	-411.0	-0.214	ug/L	0.0257	-0.214	ug/L	0.0257	11.99%
Ca 317.933†	568331.1	57810	ug/L	188.2	57810	ug/L	188.2	0.33%
Cd 214.440†	116.1	2.414	ug/L	0.1445	2.414	ug/L	0.1445	5.98%
Co 228.616†	263.5	13.18	ug/L	0.226	13.18	ug/L	0.226	1.71%
Cr 267.716†	42.7	1.024	ug/L	0.0082	1.024	ug/L	0.0082	0.80%
Fe 238.204†	211.3	71.84	ug/L	0.739	71.84	ug/L	0.739	1.03%
K 766.490†	45038.9	4719	ug/L	2.0	4719	ug/L	2.0	0.04%
Mg 285.213†	218954.4	18470	ug/L	22.1	18470	ug/L	22.1	0.12%
Mn 257.610†	410072.4	775.2	ug/L	2.06	775.2	ug/L	2.06	0.27%
Mo 202.031†	-8.9	-1.849	ug/L	1.3335	-1.849	ug/L	1.3335	72.13%
Na 589.592†	6974091.1	535800	ug/L	73.1	535800	ug/L	73.1	0.01%
Ni 231.604†	353.8	35.53	ug/L	0.927	35.53	ug/L	0.927	2.61%
Pb 220.353†	373.6	161.6	ug/L	4.69	161.6	ug/L	4.69	2.90%
Sb 206.836†	8.9	5.578	ug/L	8.9395	5.578	ug/L	8.9395	160.27%
Se 196.026†	-12.6	-19.60	ug/L	24.538	-19.60	ug/L	24.538	125.22%
V 311.071†	997.2	3.537	ug/L	0.1559	3.537	ug/L	0.1559	4.41%
Sn 189.927†	-3.4	-1.606	ug/L	0.9187	-1.606	ug/L	0.9187	57.19%
Sr 421.552†	215672.2	253.1	ug/L	0.18	253.1	ug/L	0.18	0.07%
Tl 190.801†	-21.5	-14.97	ug/L	4.089	-14.97	ug/L	4.089	27.31%
Zn 206.200†	19970.4	1689	ug/L	11.1	1689	ug/L	11.1	0.66%
Ti 334.940†	-219.9	-0.258	ug/L	0.0520	-0.258	ug/L	0.0520	20.16%
B 249.772†	4660.4	105.3	ug/L	0.13	105.3	ug/L	0.13	0.12%
Cu 324.752†	22451.3	71.63	ug/L	0.184	71.63	ug/L	0.184	0.26%
S 181.975†	278.5	1246	ug/L	21.7	1246	ug/L	21.7	1.74%
Zr 343.823†	205.6	0.568	ug/L	0.1229	0.568	ug/L	0.1229	21.62%

Sequence No.: 15
Sample ID: 220-12081-f-4-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 5/10/2010 1:28:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12081-f-4-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	941529.6	0.891	mg/L	0.0013				0.14%
Y (radial)	92224.0	0.962	mg/L	0.0073				0.76%
Ag 328.068†	-323.9	0.823	ug/L	0.0858	0.823	ug/L	0.0858	10.42%
Al 396.153†	127744.1	12410	ug/L	11.9	12410	ug/L	11.9	0.10%
As 188.979†	19.3	18.86	ug/L	6.994	18.86	ug/L	6.994	37.09%
Ba 233.527†	91644.5	1253	ug/L	2.2	1253	ug/L	2.2	0.18%
Be 313.107†	-1727.3	0.854	ug/L	0.0132	0.854	ug/L	0.0132	1.55%
Ca 317.933†	1738940.7	176900	ug/L	1641.7	176900	ug/L	1641.7	0.93%
Cd 214.440†	36.0	-0.506	ug/L	0.0225	-0.506	ug/L	0.0225	4.46%
Co 228.616†	338.1	14.71	ug/L	0.392	14.71	ug/L	0.392	2.66%
Cr 267.716†	1314.8	32.30	ug/L	0.605	32.30	ug/L	0.605	1.87%
Fe 238.204†	118215.3	40080	ug/L	146.3	40080	ug/L	146.3	0.37%
K 766.490†	818877.3	85800	ug/L	1491.8	85800	ug/L	1491.8	1.74%
Mg 285.213†	1109170.8	93600	ug/L	1452.2	93600	ug/L	1452.2	1.55%
Mn 257.610†	1312931.9	2480	ug/L	1.8	2480	ug/L	1.8	0.07%
Mo 202.031†	22.2	6.187	ug/L	0.4902	6.187	ug/L	0.4902	7.92%
Na 589.592†	6590378.6	506300	ug/L	3008.0	506300	ug/L	3008.0	0.59%
Ni 231.604†	566.9	56.91	ug/L	1.065	56.91	ug/L	1.065	1.87%
Pb 220.353†	621.3	265.2	ug/L	0.39	265.2	ug/L	0.39	0.15%
Sb 206.836†	-1.7	-1.420	ug/L	2.2160	-1.420	ug/L	2.2160	156.10%
Se 196.026†	-42.3	-40.59	ug/L	25.132	-40.59	ug/L	25.132	61.92%
V 311.071†	10810.7	34.30	ug/L	0.081	34.30	ug/L	0.081	0.24%
Sn 189.927†	-9.5	-2.220	ug/L	1.2441	-2.220	ug/L	1.2441	56.05%
Sr 421.552†	2068681.9	2428	ug/L	16.4	2428	ug/L	16.4	0.68%
Tl 190.801†	-25.1	-9.427	ug/L	4.5769	-9.427	ug/L	4.5769	48.55%
Zn 206.200†	2717.5	230.1	ug/L	2.46	230.1	ug/L	2.46	1.07%
Ti 334.940†	364341.0	427.0	ug/L	0.06	427.0	ug/L	0.06	0.01%
B 249.772†	45031.4	846.3	ug/L	0.09	846.3	ug/L	0.09	0.01%
Cu 324.752†	42842.7	142.8	ug/L	0.27	142.8	ug/L	0.27	0.19%
S 181.975†	1098.6	5118	ug/L	39.7	5118	ug/L	39.7	0.78%
Zr 343.823†	2797.3	5.566	ug/L	0.0229	5.566	ug/L	0.0229	0.41%

Sequence No.: 16
Sample ID: 220-12094-b-1-c
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 5/10/2010 1:32:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12094-b-1-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1009408.8	0.955	mg/L	0.0042				0.44%
Y (radial)	92854.9	0.968	mg/L	0.0001				0.01%
Ag 328.068†	107.1	0.627	ug/L	0.1811	0.627	ug/L	0.1811	28.90%
Al 396.153†	-336.1	-32.54	ug/L	0.090	-32.54	ug/L	0.090	0.28%
As 188.979†	-0.0	0.031	ug/L	1.3015	0.031	ug/L	1.3015	>999.9%
Ba 233.527†	2487.8	34.04	ug/L	0.449	34.04	ug/L	0.449	1.32%
Be 313.107†	-89.4	-0.050	ug/L	0.0268	-0.050	ug/L	0.0268	53.07%
Ca 317.933†	447182.9	45490	ug/L	80.7	45490	ug/L	80.7	0.18%
Cd 214.440†	-12.2	-0.267	ug/L	0.0341	-0.267	ug/L	0.0341	12.75%
Co 228.616†	8.9	0.430	ug/L	0.6945	0.430	ug/L	0.6945	161.56%
Cr 267.716†	25.0	0.606	ug/L	0.1207	0.606	ug/L	0.1207	19.91%
Fe 238.204†	1276.4	432.7	ug/L	2.38	432.7	ug/L	2.38	0.55%
K 766.490†	48206.4	5051	ug/L	3.0	5051	ug/L	3.0	0.06%
Mg 285.213†	88467.2	7464	ug/L	10.0	7464	ug/L	10.0	0.13%
Mn 257.610†	1042402.3	1972	ug/L	6.3	1972	ug/L	6.3	0.32%
Mo 202.031†	-13.0	-2.683	ug/L	0.4183	-2.683	ug/L	0.4183	15.59%
Na 589.592†	655812.6	50380	ug/L	116.0	50380	ug/L	116.0	0.23%

Ni 231.604†	-0.0	-0.004 ug/L	0.5358	-0.004 ug/L	0.5358	>999.9%
Pb 220.353†	13.9	5.934 ug/L	2.1768	5.934 ug/L	2.1768	36.68%
Sb 206.836†	-10.2	-6.488 ug/L	4.8609	-6.488 ug/L	4.8609	74.92%
Se 196.026†	-10.5	-16.16 ug/L	13.796	-16.16 ug/L	13.796	85.40%
V 311.071†	336.8	1.177 ug/L	0.3068	1.177 ug/L	0.3068	26.07%
Sn 189.927†	-8.3	-3.923 ug/L	4.2777	-3.923 ug/L	4.2777	109.04%
Sr 421.552†	204778.5	240.3 ug/L	0.24	240.3 ug/L	0.24	0.10%
Tl 190.801†	-8.8	-6.100 ug/L	5.9605	-6.100 ug/L	5.9605	97.71%
Zn 206.200†	3673.1	310.6 ug/L	3.49	310.6 ug/L	3.49	1.12%
Ti 334.940†	-862.0	-1.010 ug/L	0.0486	-1.010 ug/L	0.0486	4.81%
B 249.772†	3593.9	79.59 ug/L	1.371	79.59 ug/L	1.371	1.72%
Cu 324.752†	29800.8	95.13 ug/L	0.042	95.13 ug/L	0.042	0.04%
S 181.975†	4433.4	16980 ug/L	216.7	16980 ug/L	216.7	1.28%
Zr 343.823†	-43.3	-0.145 ug/L	0.0838	-0.145 ug/L	0.0838	57.94%

Sequence No.: 17
Sample ID: 220-12107-c-7-e
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 5/10/2010 1:35:37 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-7-e

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	978992.1	0.926	mg/L	0.0191				2.06%
Y (radial)	92971.4	0.970	mg/L	0.0066				0.68%
Ag 328.068†	40.9	0.262	ug/L	0.0599	0.262	ug/L	0.0599	22.84%
Al 396.153†	-368.8	-35.76	ug/L	4.873	-35.76	ug/L	4.873	13.63%
As 188.979†	-4.3	-3.339	ug/L	4.5117	-3.339	ug/L	4.5117	135.11%
Ba 233.527†	31379.4	429.4	ug/L	1.53	429.4	ug/L	1.53	0.36%
Be 313.107†	-206.4	-0.110	ug/L	0.0391	-0.110	ug/L	0.0391	35.55%
Ca 317.933†	242223.6	24640	ug/L	3.5	24640	ug/L	3.5	0.01%
Cd 214.440†	-14.2	-0.311	ug/L	0.1026	-0.311	ug/L	0.1026	33.03%
Co 228.616†	2.7	0.121	ug/L	0.4378	0.121	ug/L	0.4378	363.19%
Cr 267.716†	-32.1	-0.754	ug/L	0.3842	-0.754	ug/L	0.3842	50.94%
Fe 238.204†	1454.4	493.1	ug/L	6.94	493.1	ug/L	6.94	1.41%
K 766.490†	47051.3	4930	ug/L	2.4	4930	ug/L	2.4	0.05%
Mg 285.213†	77385.3	6529	ug/L	22.5	6529	ug/L	22.5	0.34%
Mn 257.610†	44126.5	83.22	ug/L	0.431	83.22	ug/L	0.431	0.52%
Mo 202.031†	-9.0	-1.856	ug/L	0.1096	-1.856	ug/L	0.1096	5.90%
Na 589.592†	518466.5	39830	ug/L	70.9	39830	ug/L	70.9	0.18%
Ni 231.604†	4.9	0.497	ug/L	0.5534	0.497	ug/L	0.5534	111.41%
Pb 220.353†	-6.9	-3.069	ug/L	4.4006	-3.069	ug/L	4.4006	143.41%
Sb 206.836†	-3.9	-2.492	ug/L	2.3545	-2.492	ug/L	2.3545	94.48%
Se 196.026†	-7.5	-11.35	ug/L	9.392	-11.35	ug/L	9.392	82.75%
V 311.071†	347.4	1.229	ug/L	0.2340	1.229	ug/L	0.2340	19.04%
Sn 189.927†	-12.0	-5.674	ug/L	2.7459	-5.674	ug/L	2.7459	48.40%
Sr 421.552†	85914.0	100.8	ug/L	0.09	100.8	ug/L	0.09	0.09%
Tl 190.801†	-12.8	-8.850	ug/L	2.5537	-8.850	ug/L	2.5537	28.86%
Zn 206.200†	9.9	0.833	ug/L	0.5082	0.833	ug/L	0.5082	60.97%
Ti 334.940†	-617.4	-0.724	ug/L	0.0325	-0.724	ug/L	0.0325	4.50%
B 249.772†	896.4	18.17	ug/L	1.125	18.17	ug/L	1.125	6.19%
Cu 324.752†	572.9	1.903	ug/L	0.0013	1.903	ug/L	0.0013	0.07%
S 181.975†	2157.8	8292	ug/L	132.4	8292	ug/L	132.4	1.60%
Zr 343.823†	-22.9	-0.091	ug/L	0.0156	-0.091	ug/L	0.0156	17.10%

Sequence No.: 18
Sample ID: 220-12107-c-7-f du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 5/10/2010 1:38:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-7-f du

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1029326.5	0.974	mg/L	0.0032				0.33%
Y (radial)	94804.3	0.989	mg/L	0.0204				2.06%
Ag 328.068†	36.6	0.235	ug/L	0.2548	0.235	ug/L	0.2548	108.25%

Al 396.153†	-334.5	-32.46	ug/L	1.665	-32.46	ug/L	1.665 5.13%
As 188.979†	-3.1	-2.375	ug/L	1.7260	-2.375	ug/L	1.7260 72.68%
Ba 233.527†	31412.8	429.9	ug/L	0.93	429.9	ug/L	0.93 0.22%
Be 313.107†	24.7	0.010	ug/L	0.0254	0.010	ug/L	0.0254 255.60%
Ca 317.933†	238574.0	24270	ug/L	129.9	24270	ug/L	129.9 0.54%
Cd 214.440†	-23.3	-0.500	ug/L	0.0587	-0.500	ug/L	0.0587 11.73%
Co 228.616†	-1.0	-0.064	ug/L	0.3591	-0.064	ug/L	0.3591 558.07%
Cr 267.716†	-8.2	-0.185	ug/L	0.2426	-0.185	ug/L	0.2426 131.14%
Fe 238.204†	1433.9	486.1	ug/L	0.36	486.1	ug/L	0.36 0.07%
K 766.490†	46650.8	4888	ug/L	32.8	4888	ug/L	32.8 0.67%
Mg 285.213†	77026.8	6498	ug/L	0.3	6498	ug/L	0.3 0.00%
Mn 257.610†	43929.6	82.84	ug/L	0.066	82.84	ug/L	0.066 0.08%
Mo 202.031†	-4.4	-0.904	ug/L	0.7601	-0.904	ug/L	0.7601 84.06%
Na 589.592†	518835.3	39860	ug/L	145.7	39860	ug/L	145.7 0.37%
Ni 231.604†	9.2	0.919	ug/L	0.1720	0.919	ug/L	0.1720 18.72%
Pb 220.353†	-4.8	-2.147	ug/L	1.4362	-2.147	ug/L	1.4362 66.90%
Sb 206.836†	-4.7	-2.986	ug/L	7.0644	-2.986	ug/L	7.0644 236.60%
Se 196.026†	-13.0	-19.94	ug/L	8.408	-19.94	ug/L	8.408 42.16%
V 311.071†	88.8	0.230	ug/L	0.4170	0.230	ug/L	0.4170 181.03%
Sn 189.927†	-8.2	-3.867	ug/L	2.3111	-3.867	ug/L	2.3111 59.76%
Sr 421.552†	85655.2	100.5	ug/L	0.22	100.5	ug/L	0.22 0.22%
Tl 190.801†	-5.5	-3.768	ug/L	2.1324	-3.768	ug/L	2.1324 56.59%
Zn 206.200†	4.2	0.351	ug/L	0.2934	0.351	ug/L	0.2934 83.70%
Ti 334.940†	-597.4	-0.700	ug/L	0.0790	-0.700	ug/L	0.0790 11.28%
B 249.772†	727.9	14.39	ug/L	0.793	14.39	ug/L	0.793 5.51%
Cu 324.752†	226.5	0.797	ug/L	0.1360	0.797	ug/L	0.1360 17.06%
S 181.975†	2074.7	7975	ug/L	98.6	7975	ug/L	98.6 1.24%
Zr 343.823†	-70.2	-0.222	ug/L	0.0851	-0.222	ug/L	0.0851 38.24%

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Sequence No.: 19
Sample ID: 220-12107-c-7-g ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 5/10/2010 1:42:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-7-g ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1000717.0	0.946	mg/L	0.0041				0.43%
Y (radial)	92920.2	0.969	mg/L	0.0058				0.60%
Ag 328.068†	23401.2	130.9	ug/L	0.45	130.9	ug/L	0.45	0.34%
Al 396.153†	33862.8	3245	ug/L	7.3	3245	ug/L	7.3	0.23%
As 188.979†	539.8	420.0	ug/L	2.45	420.0	ug/L	2.45	0.58%
Ba 233.527†	40502.8	554.5	ug/L	0.29	554.5	ug/L	0.29	0.05%
Be 313.107†	75480.9	43.82	ug/L	0.243	43.82	ug/L	0.243	0.55%
Ca 317.933†	305518.6	31080	ug/L	33.3	31080	ug/L	33.3	0.11%
Cd 214.440†	6057.2	125.9	ug/L	1.51	125.9	ug/L	1.51	1.20%
Co 228.616†	2691.7	133.3	ug/L	2.54	133.3	ug/L	2.54	1.91%
Cr 267.716†	5324.0	127.2	ug/L	1.88	127.2	ug/L	1.88	1.48%
Fe 238.204†	11356.1	3852	ug/L	1.9	3852	ug/L	1.9	0.05%
K 766.490†	184486.6	19330	ug/L	22.1	19330	ug/L	22.1	0.11%
Mg 285.213†	158754.4	13400	ug/L	4.6	13400	ug/L	4.6	0.03%
Mn 257.610†	88450.1	166.8	ug/L	0.12	166.8	ug/L	0.12	0.07%
Mo 202.031†	5586.5	1161	ug/L	17.6	1161	ug/L	17.6	1.52%
Na 589.592†	606487.2	46590	ug/L	14.9	46590	ug/L	14.9	0.03%
Ni 231.604†	1317.6	132.4	ug/L	0.67	132.4	ug/L	0.67	0.51%
Pb 220.353†	955.3	416.8	ug/L	9.17	416.8	ug/L	9.17	2.20%
Sb 206.836†	1812.9	1156	ug/L	24.7	1156	ug/L	24.7	2.14%
Se 196.026†	125.9	199.2	ug/L	12.40	199.2	ug/L	12.40	6.22%
V 311.071†	38070.2	133.0	ug/L	0.01	133.0	ug/L	0.01	0.01%
Sn 189.927†	2416.1	1146	ug/L	5.5	1146	ug/L	5.5	0.48%
Sr 421.552†	85492.5	100.3	ug/L	0.01	100.3	ug/L	0.01	0.01%
Tl 190.801†	598.3	430.2	ug/L	3.24	430.2	ug/L	3.24	0.75%
Zn 206.200†	1467.9	125.2	ug/L	1.02	125.2	ug/L	1.02	0.82%
Ti 334.940†	984650.7	1154	ug/L	1.4	1154	ug/L	1.4	0.12%
B 249.772†	51634.1	1154	ug/L	4.6	1154	ug/L	4.6	0.40%
Cu 324.752†	42896.7	137.4	ug/L	0.25	137.4	ug/L	0.25	0.18%
S 181.975†	4805.3	18450	ug/L	174.3	18450	ug/L	174.3	0.94%
Zr 343.823†	441635.7	1229	ug/L	0.0	1229	ug/L	0.0	0.00%

Sequence No.: 20
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 1:45:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	992413.7	0.939	mg/L	0.0088				0.93%
Y (radial)	92764.0	0.967	mg/L	0.0193				1.99%
Ag 328.068†	53059.2	296.4	ug/L	0.20	296.4	ug/L	0.20	0.07%
QC value within limits for Ag 328.068 Recovery = 98.81%								
Al 396.153†	52537.3	5084	ug/L	16.7	5084	ug/L	16.7	0.33%
QC value within limits for Al 396.153 Recovery = 95.93%								
As 188.979†	380.6	298.8	ug/L	2.13	298.8	ug/L	2.13	0.71%
QC value within limits for As 188.979 Recovery = 99.61%								
Ba 233.527†	22497.4	308.4	ug/L	0.94	308.4	ug/L	0.94	0.30%
QC value within limits for Ba 233.527 Recovery = 102.80%								
Be 313.107†	588386.6	306.9	ug/L	0.19	306.9	ug/L	0.19	0.06%
QC value within limits for Be 313.107 Recovery = 102.29%								
Ca 317.933†	171927.4	17490	ug/L	34.7	17490	ug/L	34.7	0.20%
QC value within limits for Ca 317.933 Recovery = 93.28%								
Cd 214.440†	14917.3	310.3	ug/L	0.72	310.3	ug/L	0.72	0.23%
QC value within limits for Cd 214.440 Recovery = 103.42%								
Co 228.616†	6592.5	329.1	ug/L	5.41	329.1	ug/L	5.41	1.64%
QC value within limits for Co 228.616 Recovery = 109.70%								
Cr 267.716†	12890.3	307.8	ug/L	0.31	307.8	ug/L	0.31	0.10%
QC value within limits for Cr 267.716 Recovery = 102.61%								
Fe 238.204†	14633.7	4966	ug/L	2.5	4966	ug/L	2.5	0.05%
QC value within limits for Fe 238.204 Recovery = 99.32%								
K 766.490†	374862.1	39280	ug/L	62.6	39280	ug/L	62.6	0.16%
QC value within limits for K 766.490 Recovery = 98.19%								
Mg 285.213†	211323.6	17830	ug/L	8.3	17830	ug/L	8.3	0.05%
QC value within limits for Mg 285.213 Recovery = 95.10%								
Mn 257.610†	160745.8	303.4	ug/L	0.09	303.4	ug/L	0.09	0.03%
QC value within limits for Mn 257.610 Recovery = 101.14%								
Mo 202.031†	2468.3	513.1	ug/L	8.72	513.1	ug/L	8.72	1.70%
QC value within limits for Mo 202.031 Recovery = 102.62%								
Na 589.592†	495578.5	38070	ug/L	162.6	38070	ug/L	162.6	0.43%
QC value within limits for Na 589.592 Recovery = 95.18%								
Ni 231.604†	3246.5	326.2	ug/L	5.29	326.2	ug/L	5.29	1.62%
QC value within limits for Ni 231.604 Recovery = 108.72%								
Pb 220.353†	707.9	307.8	ug/L	4.42	307.8	ug/L	4.42	1.43%
QC value within limits for Pb 220.353 Recovery = 102.60%								
Sb 206.836†	448.8	284.7	ug/L	3.63	284.7	ug/L	3.63	1.27%
QC value within limits for Sb 206.836 Recovery = 94.91%								
Se 196.026†	192.1	303.5	ug/L	9.52	303.5	ug/L	9.52	3.14%
QC value within limits for Se 196.026 Recovery = 101.16%								
V 311.071†	78999.0	298.7	ug/L	0.23	298.7	ug/L	0.23	0.08%
QC value within limits for V 311.071 Recovery = 99.56%								
Sn 189.927†	1090.9	517.2	ug/L	11.69	517.2	ug/L	11.69	2.26%
QC value within limits for Sn 189.927 Recovery = 103.45%								
Sr 421.552†	422439.9	495.8	ug/L	1.18	495.8	ug/L	1.18	0.24%
QC value within limits for Sr 421.552 Recovery = 99.16%								
Tl 190.801†	452.2	319.1	ug/L	0.59	319.1	ug/L	0.59	0.18%
QC value within limits for Tl 190.801 Recovery = 106.38%								
Zn 206.200†	3733.2	318.3	ug/L	5.06	318.3	ug/L	5.06	1.59%
QC value within limits for Zn 206.200 Recovery = 106.11%								
Ti 334.940†	439362.4	514.9	ug/L	0.70	514.9	ug/L	0.70	0.14%
QC value within limits for Ti 334.940 Recovery = 102.99%								
B 249.772†	22659.0	492.1	ug/L	0.69	492.1	ug/L	0.69	0.14%
QC value within limits for B 249.772 Recovery = 98.42%								
Cu 324.752†	99844.2	319.3	ug/L	0.36	319.3	ug/L	0.36	0.11%
QC value within limits for Cu 324.752 Recovery = 106.42%								
S 181.975†	2549.5	9898	ug/L	243.7	9898	ug/L	243.7	2.46%
QC value within limits for S 181.975 Recovery = 98.98%								
Zr 343.823†	110144.3	306.3	ug/L	0.43	306.3	ug/L	0.43	0.14%
QC value within limits for Zr 343.823 Recovery = 102.11%								

All analyte(s) passed QC.

Sequence No.: 21
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 1:49:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1037935.4	0.982	mg/L	0.0002				0.02%
Y (radial)	93706.1	0.977	mg/L	0.0025				0.25%
Ag 328.068†	68.0	0.376	ug/L	0.1412	0.376	ug/L	0.1412	37.52%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	23.9	2.307	ug/L	4.5206	2.307	ug/L	4.5206	195.98%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-6.0	-4.749	ug/L	9.6767	-4.749	ug/L	9.6767	203.77%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	7.1	0.095	ug/L	0.0306	0.095	ug/L	0.0306	32.25%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-30.1	-0.015	ug/L	0.0200	-0.015	ug/L	0.0200	133.06%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	19.7	2.003	ug/L	1.9155	2.003	ug/L	1.9155	95.62%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-0.5	-0.010	ug/L	0.1878	-0.010	ug/L	0.1878	>999.9%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-6.6	-0.331	ug/L	0.0803	-0.331	ug/L	0.0803	24.28%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	-4.9	-0.118	ug/L	0.0534	-0.118	ug/L	0.0534	45.09%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-2.2	-0.739	ug/L	0.9440	-0.739	ug/L	0.9440	127.66%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	121.8	12.77	ug/L	17.048	12.77	ug/L	17.048	133.54%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	3.7	0.314	ug/L	0.1553	0.314	ug/L	0.1553	49.49%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-2.9	-0.006	ug/L	0.0488	-0.006	ug/L	0.0488	876.46%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	1.7	0.348	ug/L	0.1368	0.348	ug/L	0.1368	39.30%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	264.6	20.33	ug/L	2.808	20.33	ug/L	2.808	13.81%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-4.5	-0.454	ug/L	1.0191	-0.454	ug/L	1.0191	224.69%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	0.6	0.263	ug/L	0.7292	0.263	ug/L	0.7292	276.98%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	4.3	2.746	ug/L	2.9897	2.746	ug/L	2.9897	108.89%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-4.0	-6.264	ug/L	4.7245	-6.264	ug/L	4.7245	75.43%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-215.6	-0.835	ug/L	0.3180	-0.835	ug/L	0.3180	38.11%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	0.8	0.395	ug/L	0.1756	0.395	ug/L	0.1756	44.49%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-104.8	-0.123	ug/L	0.1158	-0.123	ug/L	0.1158	94.16%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.0	-0.714	ug/L	4.6678	-0.714	ug/L	4.6678	653.99%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-3.0	-0.259	ug/L	0.3713	-0.259	ug/L	0.3713	143.58%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	112.9	0.132	ug/L	0.0493	0.132	ug/L	0.0493	37.21%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	356.6	8.087	ug/L	0.4814	8.087	ug/L	0.4814	5.95%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	139.5	0.445	ug/L	0.3092	0.445	ug/L	0.3092	69.50%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	-0.3	-1.254	ug/L	6.2713	-1.254	ug/L	6.2713	500.16%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	27.1	0.075	ug/L	0.1121	0.075	ug/L	0.1121	148.48%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 22
Sample ID: 220-12107-c-7-h msd
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 5/10/2010 1:52:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-7-h msd

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	995568.2	0.942	mg/L	0.0059				0.63%
Y (radial)	90862.7	0.948	mg/L	0.0085				0.89%
Ag 328.068†	23398.1	130.9	ug/L	0.69	130.9	ug/L	0.69	0.53%
Al 396.153†	34105.5	3268	ug/L	11.0	3268	ug/L	11.0	0.34%
As 188.979†	537.7	418.3	ug/L	6.22	418.3	ug/L	6.22	1.49%
Ba 233.527†	40374.9	552.8	ug/L	2.04	552.8	ug/L	2.04	0.37%
Be 313.107†	75123.3	43.67	ug/L	0.058	43.67	ug/L	0.058	0.13%
Ca 317.933†	308461.2	31380	ug/L	537.0	31380	ug/L	537.0	1.71%
Cd 214.440†	6075.6	126.3	ug/L	0.42	126.3	ug/L	0.42	0.33%
Co 228.616†	2703.6	133.9	ug/L	0.34	133.9	ug/L	0.34	0.25%
Cr 267.716†	5358.4	128.0	ug/L	0.02	128.0	ug/L	0.02	0.01%
Fe 238.204†	11406.1	3869	ug/L	11.2	3869	ug/L	11.2	0.29%
K 766.490†	185273.7	19410	ug/L	251.9	19410	ug/L	251.9	1.30%
Mg 285.213†	159374.7	13450	ug/L	1.9	13450	ug/L	1.9	0.01%
Mn 257.610†	88237.9	166.4	ug/L	0.16	166.4	ug/L	0.16	0.10%
Mo 202.031†	5672.9	1179	ug/L	3.0	1179	ug/L	3.0	0.25%
Na 589.592†	617862.1	47470	ug/L	599.1	47470	ug/L	599.1	1.26%
Ni 231.604†	1317.3	132.3	ug/L	0.64	132.3	ug/L	0.64	0.48%
Pb 220.353†	968.4	422.5	ug/L	0.47	422.5	ug/L	0.47	0.11%
Sb 206.836†	1846.1	1177	ug/L	4.3	1177	ug/L	4.3	0.37%
Se 196.026†	117.5	186.1	ug/L	5.92	186.1	ug/L	5.92	3.18%
V 311.071†	38080.6	133.0	ug/L	0.32	133.0	ug/L	0.32	0.24%
Sn 189.927†	2472.2	1172	ug/L	1.1	1172	ug/L	1.1	0.10%
Sr 421.552†	87029.3	102.1	ug/L	1.50	102.1	ug/L	1.50	1.47%
Tl 190.801†	593.8	427.1	ug/L	2.10	427.1	ug/L	2.10	0.49%
Zn 206.200†	1466.0	125.1	ug/L	0.19	125.1	ug/L	0.19	0.15%
Ti 334.940†	991201.0	1162	ug/L	0.5	1162	ug/L	0.5	0.04%
B 249.772†	52023.7	1163	ug/L	0.3	1163	ug/L	0.3	0.02%
Cu 324.752†	42741.9	136.9	ug/L	0.11	136.9	ug/L	0.11	0.08%
S 181.975†	4865.0	18680	ug/L	177.8	18680	ug/L	177.8	0.95%
Zr 343.823†	445061.3	1239	ug/L	1.5	1239	ug/L	1.5	0.12%

Sequence No.: 23
Sample ID: 220-12107-c-9-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 5/10/2010 1:55:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12107-c-9-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	985934.9	0.933	mg/L	0.0011				0.12%
Y (radial)	93128.0	0.971	mg/L	0.0143				1.48%
Ag 328.068†	-169.8	1.080	ug/L	0.0796	1.080	ug/L	0.0796	7.38%
Al 396.153†	-139.6	-13.52	ug/L	2.854	-13.52	ug/L	2.854	21.11%
As 188.979†	15.8	15.82	ug/L	6.716	15.82	ug/L	6.716	42.45%
Ba 233.527†	4416.6	59.85	ug/L	0.618	59.85	ug/L	0.618	1.03%
Be 313.107†	-189.1	-0.097	ug/L	0.0218	-0.097	ug/L	0.0218	22.37%
Ca 317.933†	432782.3	44020	ug/L	26.9	44020	ug/L	26.9	0.06%
Cd 214.440†	28.1	-0.419	ug/L	0.0013	-0.419	ug/L	0.0013	0.31%
Co 228.616†	142.2	6.116	ug/L	0.1749	6.116	ug/L	0.1749	2.86%
Cr 267.716†	50.4	1.923	ug/L	0.0590	1.923	ug/L	0.0590	3.07%
Fe 238.204†	94403.9	32000	ug/L	193.8	32000	ug/L	193.8	0.61%
K 766.490†	87140.5	9130	ug/L	15.2	9130	ug/L	15.2	0.17%
Mg 285.213†	98626.4	8347	ug/L	32.9	8347	ug/L	32.9	0.39%
Mn 257.610†	457548.3	865.5	ug/L	1.04	865.5	ug/L	1.04	0.12%
Mo 202.031†	-5.2	0.163	ug/L	0.4033	0.163	ug/L	0.4033	247.19%

Na 589.592†	715335.1	54950	ug/L	199.2	54950	ug/L	199.2	0.36%
Ni 231.604†	48.8	4.906	ug/L	0.3343	4.906	ug/L	0.3343	6.82%
Pb 220.353†	-2.7	-5.055	ug/L	7.2793	-5.055	ug/L	7.2793	144.00%
Sb 206.836†	-3.8	-2.420	ug/L	5.5628	-2.420	ug/L	5.5628	229.88%
Se 196.026†	-23.9	-17.94	ug/L	9.424	-17.94	ug/L	9.424	52.53%
V 311.071†	960.3	2.941	ug/L	0.0209	2.941	ug/L	0.0209	0.71%
Sn 189.927†	-8.3	-3.937	ug/L	1.0216	-3.937	ug/L	1.0216	25.95%
Sr 421.552†	169367.9	198.8	ug/L	0.63	198.8	ug/L	0.63	0.32%
Tl 190.801†	-21.0	-13.01	ug/L	5.873	-13.01	ug/L	5.873	45.16%
Zn 206.200†	70.2	5.948	ug/L	0.7310	5.948	ug/L	0.7310	12.29%
Ti 334.940†	140.8	0.165	ug/L	0.2013	0.165	ug/L	0.2013	121.98%
B 249.772†	7480.5	30.17	ug/L	0.236	30.17	ug/L	0.236	0.78%
Cu 324.752†	6793.6	26.59	ug/L	0.065	26.59	ug/L	0.065	0.25%
S 181.975†	4522.1	17320	ug/L	52.9	17320	ug/L	52.9	0.31%
Zr 343.823†	1085.6	1.248	ug/L	0.2832	1.248	ug/L	0.2832	22.68%

Sequence No.: 24 **Autosampler Location: 50**
Sample ID: 220-12107-c-10-b **Date Collected: 5/10/2010 1:58:58 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12107-c-10-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1002890.0	0.949	mg/L	0.0006				0.07%
Y (radial)	92035.5	0.960	mg/L	0.0027				0.28%
Ag 328.068†	-314.9	1.558	ug/L	0.0596	1.558	ug/L	0.0596	3.83%
Al 396.153†	-50.5	-4.842	ug/L	6.1014	-4.842	ug/L	6.1014	126.02%
As 188.979†	-2.4	3.651	ug/L	2.2070	3.651	ug/L	2.2070	60.45%
Ba 233.527†	4887.3	65.90	ug/L	0.665	65.90	ug/L	0.665	1.01%
Be 313.107†	-155.3	-0.078	ug/L	0.0190	-0.078	ug/L	0.0190	24.42%
Ca 317.933†	287848.0	29280	ug/L	164.1	29280	ug/L	164.1	0.56%
Cd 214.440†	73.1	-0.122	ug/L	0.0546	-0.122	ug/L	0.0546	44.58%
Co 228.616†	16.3	-0.820	ug/L	0.2554	-0.820	ug/L	0.2554	31.17%
Cr 267.716†	-15.5	0.810	ug/L	0.0806	0.810	ug/L	0.0806	9.95%
Fe 238.204†	154738.4	52460	ug/L	199.7	52460	ug/L	199.7	0.38%
K 766.490†	66359.4	6953	ug/L	4.4	6953	ug/L	4.4	0.06%
Mg 285.213†	82751.8	7025	ug/L	3.0	7025	ug/L	3.0	0.04%
Mn 257.610†	368703.2	697.4	ug/L	0.12	697.4	ug/L	0.12	0.02%
Mo 202.031†	-8.3	0.318	ug/L	1.8954	0.318	ug/L	1.8954	596.45%
Na 589.592†	664091.8	51020	ug/L	118.6	51020	ug/L	118.6	0.23%
Ni 231.604†	18.0	1.805	ug/L	1.0909	1.805	ug/L	1.0909	60.43%
Pb 220.353†	14.6	-0.044	ug/L	1.5511	-0.044	ug/L	1.5511	>999.9%
Sb 206.836†	2.6	1.658	ug/L	0.7671	1.658	ug/L	0.7671	46.27%
Se 196.026†	-35.6	-23.88	ug/L	1.401	-23.88	ug/L	1.401	5.87%
V 311.071†	650.3	1.362	ug/L	0.0713	1.362	ug/L	0.0713	5.24%
Sn 189.927†	-9.8	-4.609	ug/L	6.0147	-4.609	ug/L	6.0147	130.48%
Sr 421.552†	116842.4	137.1	ug/L	0.20	137.1	ug/L	0.20	0.15%
Tl 190.801†	-5.5	-1.251	ug/L	4.6149	-1.251	ug/L	4.6149	368.86%
Zn 206.200†	9.2	0.778	ug/L	0.4384	0.778	ug/L	0.4384	56.37%
Ti 334.940†	522.3	0.612	ug/L	0.0450	0.612	ug/L	0.0450	7.35%
B 249.772†	10979.0	20.38	ug/L	1.502	20.38	ug/L	1.502	7.37%
Cu 324.752†	676.5	10.22	ug/L	0.225	10.22	ug/L	0.225	2.20%
S 181.975†	3613.4	13850	ug/L	156.1	13850	ug/L	156.1	1.13%
Zr 343.823†	651.8	-1.093	ug/L	0.0115	-1.093	ug/L	0.0115	1.05%

Sequence No.: 25 **Autosampler Location: 51**
Sample ID: 220-12107-c-11-b **Date Collected: 5/10/2010 2:01:59 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12107-c-11-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1000103.7	0.946	mg/L	0.0061				0.65%
Y (radial)	93889.9	0.979	mg/L	0.0147				1.50%

Ag 328.068†	15.9	0.416 ug/L	0.0172	0.416 ug/L	0.0172	4.14%
Al 396.153†	-455.4	-44.23 ug/L	0.165	-44.23 ug/L	0.165	0.37%
As 188.979†	-8.5	-6.115 ug/L	0.3899	-6.115 ug/L	0.3899	6.38%
Ba 233.527†	21609.0	295.6 ug/L	0.14	295.6 ug/L	0.14	0.05%
Be 313.107†	-172.8	-0.095 ug/L	0.0244	-0.095 ug/L	0.0244	25.67%
Ca 317.933†	555525.4	56510 ug/L	727.5	56510 ug/L	727.5	1.29%
Cd 214.440†	-14.4	-0.461 ug/L	0.0409	-0.461 ug/L	0.0409	8.87%
Co 228.616†	64.6	3.073 ug/L	0.3461	3.073 ug/L	0.3461	11.26%
Cr 267.716†	-31.2	-0.627 ug/L	0.3562	-0.627 ug/L	0.3562	56.83%
Fe 238.204†	15163.4	5141 ug/L	7.4	5141 ug/L	7.4	0.14%
K 766.490†	99175.2	10390 ug/L	8.5	10390 ug/L	8.5	0.08%
Mg 285.213†	139825.6	11800 ug/L	9.8	11800 ug/L	9.8	0.08%
Mn 257.610†	129952.1	245.4 ug/L	0.35	245.4 ug/L	0.35	0.14%
Mo 202.031†	-1.1	-0.025 ug/L	2.4384	-0.025 ug/L	2.4384	>999.9%
Na 589.592†	871989.6	66990 ug/L	1073.1	66990 ug/L	1073.1	1.60%
Ni 231.604†	15.1	1.521 ug/L	0.4613	1.521 ug/L	0.4613	30.33%
Pb 220.353†	-12.2	-5.918 ug/L	0.5137	-5.918 ug/L	0.5137	8.68%
Sb 206.836†	-1.4	-0.852 ug/L	1.4242	-0.852 ug/L	1.4242	167.18%
Se 196.026†	-27.7	-40.14 ug/L	12.345	-40.14 ug/L	12.345	30.75%
V 311.071†	362.0	1.112 ug/L	0.5850	1.112 ug/L	0.5850	52.61%
Sn 189.927†	-7.0	-3.291 ug/L	0.3437	-3.291 ug/L	0.3437	10.44%
Sr 421.552†	178609.6	209.6 ug/L	3.46	209.6 ug/L	3.46	1.65%
Tl 190.801†	-15.1	-10.22 ug/L	4.197	-10.22 ug/L	4.197	41.07%
Zn 206.200†	25.9	2.182 ug/L	0.2255	2.182 ug/L	0.2255	10.34%
Ti 334.940†	-1160.5	-1.360 ug/L	0.0780	-1.360 ug/L	0.0780	5.73%
B 249.772†	2600.1	36.55 ug/L	1.435	36.55 ug/L	1.435	3.92%
Cu 324.752†	483.2	2.332 ug/L	0.0130	2.332 ug/L	0.0130	0.56%
S 181.975†	4684.7	17980 ug/L	259.3	17980 ug/L	259.3	1.44%
Zr 343.823†	108.9	0.018 ug/L	0.0568	0.018 ug/L	0.0568	312.40%

Sequence No.: 26
Sample ID: 220-12124-a-9-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 52
Date Collected: 5/10/2010 2:05:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12124-a-9-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1039584.8	0.983	mg/L	0.0058				0.59%
Y (radial)	90189.8	0.941	mg/L	0.0075				0.80%
Ag 328.068†	48.8	0.270	ug/L	0.1022	0.270	ug/L	0.1022	37.86%
Al 396.153†	-202.3	-19.67	ug/L	11.624	-19.67	ug/L	11.624	59.09%
As 188.979†	-5.8	-4.585	ug/L	0.4716	-4.585	ug/L	0.4716	10.29%
Ba 233.527†	8.8	0.118	ug/L	0.0881	0.118	ug/L	0.0881	74.39%
Be 313.107†	-94.6	-0.049	ug/L	0.0461	-0.049	ug/L	0.0461	94.25%
Ca 317.933†	-334.3	-34.01	ug/L	3.022	-34.01	ug/L	3.022	8.89%
Cd 214.440†	7.8	0.162	ug/L	0.1268	0.162	ug/L	0.1268	78.49%
Co 228.616†	-1.7	-0.087	ug/L	0.4605	-0.087	ug/L	0.4605	530.39%
Cr 267.716†	-4.3	-0.103	ug/L	0.1227	-0.103	ug/L	0.1227	118.72%
Fe 238.204†	13.8	4.680	ug/L	1.2165	4.680	ug/L	1.2165	25.99%
K 766.490†	137.9	14.45	ug/L	9.816	14.45	ug/L	9.816	67.95%
Mg 285.213†	35.5	2.998	ug/L	0.2542	2.998	ug/L	0.2542	8.48%
Mn 257.610†	55.8	0.106	ug/L	0.0247	0.106	ug/L	0.0247	23.44%
Mo 202.031†	3.0	0.624	ug/L	0.6463	0.624	ug/L	0.6463	103.55%
Na 589.592†	761.4	58.49	ug/L	1.348	58.49	ug/L	1.348	2.30%
Ni 231.604†	-0.9	-0.094	ug/L	0.5540	-0.094	ug/L	0.5540	587.98%
Pb 220.353†	-0.9	-0.371	ug/L	2.9856	-0.371	ug/L	2.9856	804.77%
Sb 206.836†	0.7	0.446	ug/L	0.0183	0.446	ug/L	0.0183	4.10%
Se 196.026†	1.4	2.180	ug/L	1.9964	2.180	ug/L	1.9964	91.58%
V 311.071†	-241.4	-0.933	ug/L	0.2755	-0.933	ug/L	0.2755	29.53%
Sn 189.927†	-0.7	-0.319	ug/L	1.0786	-0.319	ug/L	1.0786	338.06%
Sr 421.552†	-290.2	-0.341	ug/L	0.0183	-0.341	ug/L	0.0183	5.37%
Tl 190.801†	-1.7	-1.194	ug/L	2.2295	-1.194	ug/L	2.2295	186.72%
Zn 206.200†	-6.0	-0.510	ug/L	0.4234	-0.510	ug/L	0.4234	82.96%
Ti 334.940†	22.9	0.027	ug/L	0.0085	0.027	ug/L	0.0085	31.60%
B 249.772†	389.8	8.817	ug/L	0.0786	8.817	ug/L	0.0786	0.89%
Cu 324.752†	85.2	0.272	ug/L	0.3270	0.272	ug/L	0.3270	120.03%
S 181.975†	5.4	20.57	ug/L	3.886	20.57	ug/L	3.886	18.90%
Zr 343.823†	-10.2	-0.029	ug/L	0.0225	-0.029	ug/L	0.0225	78.32%

Sequence No.: 27
Sample ID: 220-12126-b-1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 53
Date Collected: 5/10/2010 2:08:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	963618.8	0.911	mg/L	0.0094				1.03%
Y (radial)	90526.1	0.944	mg/L	0.0010				0.11%
Ag 328.068†	-30.9	0.035	ug/L	0.2081	0.035	ug/L	0.2081	593.61%
Al 396.153†	-241.6	-22.94	ug/L	4.946	-22.94	ug/L	4.946	21.56%
As 188.979†	3.4	3.089	ug/L	0.8045	3.089	ug/L	0.8045	26.05%
Ba 233.527†	1810.6	24.73	ug/L	0.251	24.73	ug/L	0.251	1.02%
Be 313.107†	-345.0	-0.197	ug/L	0.0221	-0.197	ug/L	0.0221	11.22%
Ca 317.933†	1930768.2	196400	ug/L	421.2	196400	ug/L	421.2	0.21%
Cd 214.440†	-61.6	-1.380	ug/L	0.1069	-1.380	ug/L	0.1069	7.74%
Co 228.616†	2.9	0.040	ug/L	0.2394	0.040	ug/L	0.2394	601.35%
Cr 267.716†	1.4	0.106	ug/L	0.1034	0.106	ug/L	0.1034	97.08%
Fe 238.204†	9165.5	3107	ug/L	4.9	3107	ug/L	4.9	0.16%
K 766.490†	34474.5	3612	ug/L	25.4	3612	ug/L	25.4	0.70%
Mg 285.213†	1182940.3	99800	ug/L	514.4	99800	ug/L	514.4	0.52%
Mn 257.610†	816715.1	1541	ug/L	4.0	1541	ug/L	4.0	0.26%
Mo 202.031†	-66.4	-13.68	ug/L	1.153	-13.68	ug/L	1.153	8.43%
Na 589.592†	835720.1	64200	ug/L	668.6	64200	ug/L	668.6	1.04%
Ni 231.604†	-2.9	-0.287	ug/L	0.8176	-0.287	ug/L	0.8176	284.85%
Pb 220.353†	-24.0	-10.79	ug/L	0.776	-10.79	ug/L	0.776	7.19%
Sb 206.836†	-3.3	-2.207	ug/L	4.5850	-2.207	ug/L	4.5850	207.78%
Se 196.026†	-27.4	-40.94	ug/L	0.619	-40.94	ug/L	0.619	1.51%
V 311.071†	1199.7	2.916	ug/L	0.0397	2.916	ug/L	0.0397	1.36%
Sn 189.927†	-14.4	-6.814	ug/L	5.9318	-6.814	ug/L	5.9318	87.05%
Sr 421.552†	2756235.9	3235	ug/L	18.2	3235	ug/L	18.2	0.56%
Tl 190.801†	-20.1	-13.83	ug/L	1.560	-13.83	ug/L	1.560	11.28%
Zn 206.200†	196.2	16.59	ug/L	0.312	16.59	ug/L	0.312	1.88%
Ti 334.940†	-3848.3	-4.510	ug/L	0.0271	-4.510	ug/L	0.0271	0.60%
B 249.772†	11591.0	249.2	ug/L	3.47	249.2	ug/L	3.47	1.39%
Cu 324.752†	1688.0	5.863	ug/L	0.6136	5.863	ug/L	0.6136	10.47%
S 181.975†	53308.5	204200	ug/L	1233.9	204200	ug/L	1233.9	0.60%
Zr 343.823†	117.2	0.154	ug/L	0.0355	0.154	ug/L	0.0355	22.99%

Sequence No.: 28
Sample ID: 220-12126-a-2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 54
Date Collected: 5/10/2010 2:11:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	974438.1	0.922	mg/L	0.0166				1.80%
Y (radial)	91965.0	0.959	mg/L	0.0097				1.01%
Ag 328.068†	53.0	0.354	ug/L	0.1894	0.354	ug/L	0.1894	53.55%
Al 396.153†	-377.2	-35.75	ug/L	9.075	-35.75	ug/L	9.075	25.39%
As 188.979†	2.3	1.993	ug/L	3.0350	1.993	ug/L	3.0350	152.27%
Ba 233.527†	13766.8	188.4	ug/L	1.13	188.4	ug/L	1.13	0.60%
Be 313.107†	-267.2	-0.147	ug/L	0.0369	-0.147	ug/L	0.0369	25.02%
Ca 317.933†	918614.8	93450	ug/L	514.5	93450	ug/L	514.5	0.55%
Cd 214.440†	-42.5	-0.910	ug/L	0.0114	-0.910	ug/L	0.0114	1.25%
Co 228.616†	27.8	1.344	ug/L	0.6218	1.344	ug/L	0.6218	46.27%
Cr 267.716†	-3.7	-0.066	ug/L	0.1864	-0.066	ug/L	0.1864	281.28%
Fe 238.204†	2387.9	809.5	ug/L	4.96	809.5	ug/L	4.96	0.61%
K 766.490†	35767.9	3748	ug/L	7.5	3748	ug/L	7.5	0.20%
Mg 285.213†	333513.9	28140	ug/L	21.1	28140	ug/L	21.1	0.08%
Mn 257.610†	948756.3	1794	ug/L	5.4	1794	ug/L	5.4	0.30%
Mo 202.031†	-111.8	-23.20	ug/L	0.662	-23.20	ug/L	0.662	2.85%
Na 589.592†	407791.7	31330	ug/L	129.9	31330	ug/L	129.9	0.41%

Ni 231.604†	11.4	1.146	ug/L	0.5717	1.146	ug/L	0.5717 49.89%
Pb 220.353†	-11.0	-4.947	ug/L	0.6181	-4.947	ug/L	0.6181 12.49%
Sb 206.836†	-8.5	-5.578	ug/L	4.6244	-5.578	ug/L	4.6244 82.91%
Se 196.026†	-18.5	-28.42	ug/L	3.704	-28.42	ug/L	3.704 13.03%
V 311.071†	782.1	2.549	ug/L	0.4405	2.549	ug/L	0.4405 17.28%
Sn 189.927†	-4.1	-1.945	ug/L	0.5989	-1.945	ug/L	0.5989 30.79%
Sr 421.552†	5879161.6	6900	ug/L	93.4	6900	ug/L	93.4 1.35%
Tl 190.801†	-9.9	-6.862	ug/L	15.0912	-6.862	ug/L	15.0912 219.91%
Zn 206.200†	3977.0	336.3	ug/L	6.51	336.3	ug/L	6.51 1.94%
Ti 334.940†	-1878.5	-2.202	ug/L	0.0495	-2.202	ug/L	0.0495 2.25%
B 249.772†	11111.4	248.4	ug/L	4.44	248.4	ug/L	4.44 1.79%
Cu 324.752†	12977.5	41.52	ug/L	0.133	41.52	ug/L	0.133 0.32%
S 181.975†	7467.9	28750	ug/L	464.1	28750	ug/L	464.1 1.61%
Zr 343.823†	-1.4	-0.049	ug/L	0.0385	-0.049	ug/L	0.0385 78.81%

Sequence No.: 29 **Autosampler Location: 55**
Sample ID: 220-12126-a-3-a **Date Collected: 5/10/2010 2:15:04 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12126-a-3-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	968828.7	0.916	mg/L	0.0046				0.51%
Y (radial)	89989.5	0.939	mg/L	0.0019				0.20%
Ag 328.068†	-32.5	-0.008	ug/L	0.0491	-0.008	ug/L	0.0491	584.48%
Al 396.153†	-186.8	-17.51	ug/L	8.991	-17.51	ug/L	8.991	51.36%
As 188.979†	-1.0	-0.459	ug/L	7.3387	-0.459	ug/L	7.3387	>999.9%
Ba 233.527†	4726.8	64.65	ug/L	0.051	64.65	ug/L	0.051	0.08%
Be 313.107†	-368.3	-0.209	ug/L	0.0459	-0.209	ug/L	0.0459	21.93%
Ca 317.933†	1934394.6	196800	ug/L	1375.7	196800	ug/L	1375.7	0.70%
Cd 214.440†	-72.4	-1.587	ug/L	0.2895	-1.587	ug/L	0.2895	18.24%
Co 228.616†	7.1	0.266	ug/L	0.3882	0.266	ug/L	0.3882	146.14%
Cr 267.716†	-14.7	-0.289	ug/L	0.4173	-0.289	ug/L	0.4173	144.44%
Fe 238.204†	7576.4	2569	ug/L	0.2	2569	ug/L	0.2	0.01%
K 766.490†	40763.4	4271	ug/L	17.1	4271	ug/L	17.1	0.40%
Mg 285.213†	939072.0	79220	ug/L	148.8	79220	ug/L	148.8	0.19%
Mn 257.610†	677469.4	1279	ug/L	1.2	1279	ug/L	1.2	0.09%
Mo 202.031†	-80.6	-16.64	ug/L	1.619	-16.64	ug/L	1.619	9.72%
Na 589.592†	1011434.0	77700	ug/L	121.1	77700	ug/L	121.1	0.16%
Ni 231.604†	-11.2	-1.122	ug/L	0.9750	-1.122	ug/L	0.9750	86.91%
Pb 220.353†	4.9	1.734	ug/L	5.9860	1.734	ug/L	5.9860	345.20%
Sb 206.836†	-16.8	-10.77	ug/L	3.403	-10.77	ug/L	3.403	31.60%
Se 196.026†	-33.9	-51.39	ug/L	21.804	-51.39	ug/L	21.804	42.43%
V 311.071†	1115.7	2.955	ug/L	0.3731	2.955	ug/L	0.3731	12.63%
Sn 189.927†	-25.4	-12.03	ug/L	4.195	-12.03	ug/L	4.195	34.88%
Sr 421.552†	3943210.8	4628	ug/L	33.7	4628	ug/L	33.7	0.73%
Tl 190.801†	-27.0	-18.61	ug/L	9.441	-18.61	ug/L	9.441	50.74%
Zn 206.200†	87.9	7.431	ug/L	0.9032	7.431	ug/L	0.9032	12.15%
Ti 334.940†	-3834.7	-4.494	ug/L	0.1043	-4.494	ug/L	0.1043	2.32%
B 249.772†	14844.2	325.3	ug/L	0.34	325.3	ug/L	0.34	0.10%
Cu 324.752†	2677.7	8.937	ug/L	0.2110	8.937	ug/L	0.2110	2.36%
S 181.975†	48134.5	184300	ug/L	986.4	184300	ug/L	986.4	0.54%
Zr 343.823†	56.8	0.016	ug/L	0.0402	0.016	ug/L	0.0402	255.16%

Sequence No.: 30 **Autosampler Location: 56**
Sample ID: 220-12126-a-4-a **Date Collected: 5/10/2010 2:18:39 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12126-a-4-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	960480.1	0.908	mg/L	0.0137				1.51%
Y (radial)	89778.0	0.936	mg/L	0.0036				0.39%
Ag 328.068†	42.2	0.251	ug/L	0.0462	0.251	ug/L	0.0462	18.40%

Al 396.153†	-323.2	-31.15	ug/L	0.737	-31.15	ug/L	0.737 2.37%
As 188.979†	-8.1	-6.309	ug/L	4.0534	-6.309	ug/L	4.0534 64.24%
Ba 233.527†	7992.2	109.4	ug/L	1.21	109.4	ug/L	1.21 1.11%
Be 313.107†	-300.5	-0.162	ug/L	0.0155	-0.162	ug/L	0.0155 9.56%
Ca 317.933†	572561.5	58240	ug/L	1334.5	58240	ug/L	1334.5 2.29%
Cd 214.440†	-51.7	-1.081	ug/L	0.0464	-1.081	ug/L	0.0464 4.29%
Co 228.616†	-13.3	-0.673	ug/L	0.7511	-0.673	ug/L	0.7511 111.61%
Cr 267.716†	-18.4	-0.433	ug/L	0.4293	-0.433	ug/L	0.4293 99.14%
Fe 238.204†	405.4	137.4	ug/L	0.35	137.4	ug/L	0.35 0.25%
K 766.490†	30477.3	3193	ug/L	7.1	3193	ug/L	7.1 0.22%
Mg 285.213†	315688.8	26630	ug/L	72.9	26630	ug/L	72.9 0.27%
Mn 257.610†	4991.6	8.257	ug/L	0.1033	8.257	ug/L	0.1033 1.25%
Mo 202.031†	-30.6	-6.358	ug/L	0.2984	-6.358	ug/L	0.2984 4.69%
Na 589.592†	159536.8	12260	ug/L	75.5	12260	ug/L	75.5 0.62%
Ni 231.604†	7.3	0.737	ug/L	0.8352	0.737	ug/L	0.8352 113.40%
Pb 220.353†	10.5	4.484	ug/L	0.6427	4.484	ug/L	0.6427 14.33%
Sb 206.836†	2.3	1.428	ug/L	3.4687	1.428	ug/L	3.4687 242.96%
Se 196.026†	-19.1	-29.74	ug/L	11.798	-29.74	ug/L	11.798 39.67%
V 311.071†	796.6	2.636	ug/L	0.5912	2.636	ug/L	0.5912 22.43%
Sn 189.927†	2.9	1.371	ug/L	0.2685	1.371	ug/L	0.2685 19.59%
Sr 421.552†	1194743.0	1402	ug/L	25.7	1402	ug/L	25.7 1.83%
Tl 190.801†	-7.6	-5.248	ug/L	10.4386	-5.248	ug/L	10.4386 198.91%
Zn 206.200†	1703.4	144.1	ug/L	1.95	144.1	ug/L	1.95 1.36%
Ti 334.940†	-1293.0	-1.515	ug/L	0.1024	-1.515	ug/L	0.1024 6.75%
B 249.772†	3726.3	83.88	ug/L	0.865	83.88	ug/L	0.865 1.03%
Cu 324.752†	35818.9	114.3	ug/L	0.60	114.3	ug/L	0.60 0.52%
S 181.975†	4288.5	16620	ug/L	187.6	16620	ug/L	187.6 1.13%
Zr 343.823†	-4.9	-0.021	ug/L	0.1555	-0.021	ug/L	0.1555 734.69%

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Sequence No.: 31 **Autosampler Location: 57**
Sample ID: 220-12126-a-4-a sd@5 **Date Collected: 5/10/2010 2:21:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12126-a-4-a sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1020977.6	0.966	mg/L	0.0161				1.67%
Y (radial)	92274.4	0.962	mg/L	0.0116				1.21%
Ag 328.068†	47.2	0.265	ug/L	0.0637	0.265	ug/L	0.0637	24.06%
Al 396.153†	-307.0	-29.78	ug/L	1.591	-29.78	ug/L	1.591	5.34%
As 188.979†	-3.7	-2.897	ug/L	0.2588	-2.897	ug/L	0.2588	8.93%
Ba 233.527†	1591.1	21.77	ug/L	0.357	21.77	ug/L	0.357	1.64%
Be 313.107†	-143.5	-0.076	ug/L	0.0588	-0.076	ug/L	0.0588	77.36%
Ca 317.933†	112832.4	11480	ug/L	13.3	11480	ug/L	13.3	0.12%
Cd 214.440†	-27.3	-0.568	ug/L	0.2295	-0.568	ug/L	0.2295	40.40%
Co 228.616†	-12.8	-0.642	ug/L	0.5512	-0.642	ug/L	0.5512	85.89%
Cr 267.716†	-3.6	-0.085	ug/L	0.2678	-0.085	ug/L	0.2678	314.29%
Fe 238.204†	66.4	22.49	ug/L	0.652	22.49	ug/L	0.652	2.90%
K 766.490†	4961.8	519.9	ug/L	8.13	519.9	ug/L	8.13	1.56%
Mg 285.213†	62505.4	5273	ug/L	8.7	5273	ug/L	8.7	0.16%
Mn 257.610†	1004.0	1.664	ug/L	0.0096	1.664	ug/L	0.0096	0.58%
Mo 202.031†	-5.9	-1.223	ug/L	0.9255	-1.223	ug/L	0.9255	75.69%
Na 589.592†	29488.2	2265	ug/L	12.0	2265	ug/L	12.0	0.53%
Ni 231.604†	-1.8	-0.182	ug/L	0.2457	-0.182	ug/L	0.2457	134.96%
Pb 220.353†	3.8	1.624	ug/L	0.7579	1.624	ug/L	0.7579	46.68%
Sb 206.836†	1.1	0.680	ug/L	7.5640	0.680	ug/L	7.5640	>999.9%
Se 196.026†	-12.4	-19.36	ug/L	16.239	-19.36	ug/L	16.239	83.88%
V 311.071†	44.2	0.085	ug/L	0.2055	0.085	ug/L	0.2055	242.47%
Sn 189.927†	6.0	2.833	ug/L	1.6217	2.833	ug/L	1.6217	57.24%
Sr 421.552†	235335.6	276.2	ug/L	0.14	276.2	ug/L	0.14	0.05%
Tl 190.801†	-9.7	-6.750	ug/L	2.8944	-6.750	ug/L	2.8944	42.88%
Zn 206.200†	338.6	28.63	ug/L	0.399	28.63	ug/L	0.399	1.39%
Ti 334.940†	-357.1	-0.418	ug/L	0.0019	-0.418	ug/L	0.0019	0.45%
B 249.772†	711.9	16.04	ug/L	0.339	16.04	ug/L	0.339	2.11%
Cu 324.752†	6936.2	22.13	ug/L	0.479	22.13	ug/L	0.479	2.16%
S 181.975†	772.1	2996	ug/L	11.3	2996	ug/L	11.3	0.38%
Zr 343.823†	-91.0	-0.255	ug/L	0.0485	-0.255	ug/L	0.0485	19.05%

Sequence No.: 32
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 2:25:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	993584.2	0.940	mg/L	0.0040				0.43%
Y (radial)	92347.6	0.963	mg/L	0.0068				0.71%
Ag 328.068†	52831.3	295.2	ug/L	0.23	295.2	ug/L	0.23	0.08%
QC value within limits for Ag 328.068 Recovery = 98.39%								
Al 396.153†	52628.9	5093	ug/L	5.8	5093	ug/L	5.8	0.11%
QC value within limits for Al 396.153 Recovery = 96.09%								
As 188.979†	378.0	296.8	ug/L	2.36	296.8	ug/L	2.36	0.80%
QC value within limits for As 188.979 Recovery = 98.92%								
Ba 233.527†	22547.9	309.1	ug/L	0.93	309.1	ug/L	0.93	0.30%
QC value within limits for Ba 233.527 Recovery = 103.03%								
Be 313.107†	588540.5	306.9	ug/L	0.43	306.9	ug/L	0.43	0.14%
QC value within limits for Be 313.107 Recovery = 102.32%								
Ca 317.933†	171593.7	17460	ug/L	17.9	17460	ug/L	17.9	0.10%
QC value within limits for Ca 317.933 Recovery = 93.09%								
Cd 214.440†	14960.7	311.2	ug/L	1.12	311.2	ug/L	1.12	0.36%
QC value within limits for Cd 214.440 Recovery = 103.72%								
Co 228.616†	6536.9	326.3	ug/L	0.68	326.3	ug/L	0.68	0.21%
QC value within limits for Co 228.616 Recovery = 108.77%								
Cr 267.716†	12985.3	310.1	ug/L	1.29	310.1	ug/L	1.29	0.42%
QC value within limits for Cr 267.716 Recovery = 103.36%								
Fe 238.204†	14660.0	4975	ug/L	19.0	4975	ug/L	19.0	0.38%
QC value within limits for Fe 238.204 Recovery = 99.50%								
K 766.490†	370319.4	38800	ug/L	505.2	38800	ug/L	505.2	1.30%
QC value within limits for K 766.490 Recovery = 97.00%								
Mg 285.213†	211957.2	17890	ug/L	22.5	17890	ug/L	22.5	0.13%
QC value within limits for Mg 285.213 Recovery = 95.39%								
Mn 257.610†	160478.2	302.9	ug/L	0.72	302.9	ug/L	0.72	0.24%
QC value within limits for Mn 257.610 Recovery = 100.97%								
Mo 202.031†	2467.8	513.0	ug/L	4.92	513.0	ug/L	4.92	0.96%
QC value within limits for Mo 202.031 Recovery = 102.60%								
Na 589.592†	489935.6	37640	ug/L	563.8	37640	ug/L	563.8	1.50%
QC value within limits for Na 589.592 Recovery = 94.09%								
Ni 231.604†	3218.5	323.3	ug/L	1.83	323.3	ug/L	1.83	0.56%
QC value within limits for Ni 231.604 Recovery = 107.78%								
Pb 220.353†	695.4	302.4	ug/L	1.66	302.4	ug/L	1.66	0.55%
QC value within limits for Pb 220.353 Recovery = 100.79%								
Sb 206.836†	452.7	287.1	ug/L	1.32	287.1	ug/L	1.32	0.46%
QC value within limits for Sb 206.836 Recovery = 95.71%								
Se 196.026†	185.2	292.7	ug/L	12.73	292.7	ug/L	12.73	4.35%
QC value within limits for Se 196.026 Recovery = 97.58%								
V 311.071†	78959.1	298.5	ug/L	1.21	298.5	ug/L	1.21	0.41%
QC value within limits for V 311.071 Recovery = 99.51%								
Sn 189.927†	1082.2	513.2	ug/L	1.80	513.2	ug/L	1.80	0.35%
QC value within limits for Sn 189.927 Recovery = 102.63%								
Sr 421.552†	418642.9	491.4	ug/L	6.40	491.4	ug/L	6.40	1.30%
QC value within limits for Sr 421.552 Recovery = 98.27%								
Tl 190.801†	451.2	318.4	ug/L	12.02	318.4	ug/L	12.02	3.77%
QC value within limits for Tl 190.801 Recovery = 106.15%								
Zn 206.200†	3715.5	316.8	ug/L	1.82	316.8	ug/L	1.82	0.58%
QC value within limits for Zn 206.200 Recovery = 105.61%								
Ti 334.940†	437922.4	513.2	ug/L	1.66	513.2	ug/L	1.66	0.32%
QC value within limits for Ti 334.940 Recovery = 102.65%								
B 249.772†	22043.9	478.1	ug/L	1.45	478.1	ug/L	1.45	0.30%
QC value within limits for B 249.772 Recovery = 95.62%								
Cu 324.752†	99335.5	317.6	ug/L	2.11	317.6	ug/L	2.11	0.66%
QC value within limits for Cu 324.752 Recovery = 105.88%								
S 181.975†	2545.3	9882	ug/L	22.3	9882	ug/L	22.3	0.23%
QC value within limits for S 181.975 Recovery = 98.82%								
Zr 343.823†	109864.4	305.6	ug/L	0.03	305.6	ug/L	0.03	0.01%
QC value within limits for Zr 343.823 Recovery = 101.85%								

All analyte(s) passed QC.

Sequence No.: 33
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 2:28:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1058658.1	1.001	mg/L	0.0079				0.79%
Y (radial)	90458.9	0.943	mg/L	0.0230				2.44%
Ag 328.068†	67.4	0.373	ug/L	0.1037	0.373	ug/L	0.1037	27.79%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-40.7	-3.969	ug/L	7.3312	-3.969	ug/L	7.3312	184.70%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-4.8	-3.787	ug/L	6.7332	-3.787	ug/L	6.7332	177.77%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	1.7	0.022	ug/L	0.1241	0.022	ug/L	0.1241	569.38%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	77.0	0.040	ug/L	0.0060	0.040	ug/L	0.0060	14.96%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	69.1	7.026	ug/L	3.3998	7.026	ug/L	3.3998	48.39%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	4.5	0.094	ug/L	0.1668	0.094	ug/L	0.1668	178.25%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	2.6	0.128	ug/L	0.2556	0.128	ug/L	0.2556	199.79%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	2.4	0.057	ug/L	0.0180	0.057	ug/L	0.0180	31.29%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-3.5	-1.195	ug/L	0.0472	-1.195	ug/L	0.0472	3.95%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-173.2	-18.14	ug/L	29.338	-18.14	ug/L	29.338	161.71%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	18.2	1.537	ug/L	1.1586	1.537	ug/L	1.1586	75.36%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	3.7	0.007	ug/L	0.0076	0.007	ug/L	0.0076	109.12%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	2.0	0.423	ug/L	0.7967	0.423	ug/L	0.7967	188.54%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	181.0	13.90	ug/L	4.583	13.90	ug/L	4.583	32.97%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-6.2	-0.622	ug/L	0.0196	-0.622	ug/L	0.0196	3.15%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-10.1	-4.361	ug/L	0.0872	-4.361	ug/L	0.0872	2.00%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	0.6	0.381	ug/L	0.6166	0.381	ug/L	0.6166	161.79%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-1.9	-3.030	ug/L	3.4079	-3.030	ug/L	3.4079	112.46%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-230.2	-0.891	ug/L	0.3124	-0.891	ug/L	0.3124	35.07%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	5.0	2.340	ug/L	1.7417	2.340	ug/L	1.7417	74.43%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	25.5	0.030	ug/L	0.1333	0.030	ug/L	0.1333	446.00%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	1.5	1.041	ug/L	0.3990	1.041	ug/L	0.3990	38.34%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-1.3	-0.109	ug/L	0.5901	-0.109	ug/L	0.5901	543.28%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	114.7	0.134	ug/L	0.0273	0.134	ug/L	0.0273	20.33%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	168.4	3.823	ug/L	0.0125	3.823	ug/L	0.0125	0.33%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	8.0	0.025	ug/L	0.0408	0.025	ug/L	0.0408	161.52%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	4.8	18.38	ug/L	3.761	18.38	ug/L	3.761	20.46%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	-1.3	-0.003	ug/L	0.0333	-0.003	ug/L	0.0333	970.69%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 34
Sample ID: 220-12126-a-5-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 58
Date Collected: 5/10/2010 2:31:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-5-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	995916.5	0.942	mg/L	0.0120				1.27%
Y (radial)	93618.3	0.976	mg/L	0.0048				0.49%
Ag 328.068†	0.9	0.028	ug/L	0.1121	0.028	ug/L	0.1121	393.71%
Al 396.153†	-575.7	-54.45	ug/L	5.115	-54.45	ug/L	5.115	9.39%
As 188.979†	-2.3	-1.604	ug/L	2.8111	-1.604	ug/L	2.8111	175.27%
Ba 233.527†	30043.7	411.1	ug/L	0.24	411.1	ug/L	0.24	0.06%
Be 313.107†	-242.8	-0.135	ug/L	0.0246	-0.135	ug/L	0.0246	18.23%
Ca 317.933†	900651.5	91620	ug/L	129.7	91620	ug/L	129.7	0.14%
Cd 214.440†	-56.1	-1.176	ug/L	0.2997	-1.176	ug/L	0.2997	25.48%
Co 228.616†	-17.0	-0.899	ug/L	0.2923	-0.899	ug/L	0.2923	32.51%
Cr 267.716†	-23.4	-0.551	ug/L	0.8709	-0.551	ug/L	0.8709	158.14%
Fe 238.204†	853.8	289.4	ug/L	1.62	289.4	ug/L	1.62	0.56%
K 766.490†	53626.5	5619	ug/L	22.7	5619	ug/L	22.7	0.40%
Mg 285.213†	387068.7	32650	ug/L	99.3	32650	ug/L	99.3	0.30%
Mn 257.610†	40000.1	74.24	ug/L	0.029	74.24	ug/L	0.029	0.04%
Mo 202.031†	-185.1	-38.44	ug/L	0.267	-38.44	ug/L	0.267	0.69%
Na 589.592†	521238.8	40040	ug/L	217.8	40040	ug/L	217.8	0.54%
Ni 231.604†	-3.4	-0.346	ug/L	1.3930	-0.346	ug/L	1.3930	403.13%
Pb 220.353†	-11.4	-5.108	ug/L	0.1887	-5.108	ug/L	0.1887	3.69%
Sb 206.836†	-2.2	-1.724	ug/L	7.0097	-1.724	ug/L	7.0097	406.56%
Se 196.026†	-22.3	-34.63	ug/L	10.132	-34.63	ug/L	10.132	29.26%
V 311.071†	566.8	1.651	ug/L	0.1708	1.651	ug/L	0.1708	10.34%
Sn 189.927†	-13.9	-6.548	ug/L	9.1534	-6.548	ug/L	9.1534	139.79%
Sr 421.552†	Saturated2							
Tl 190.801†	-10.4	-7.203	ug/L	2.2083	-7.203	ug/L	2.2083	30.66%
Zn 206.200†	455.1	38.48	ug/L	0.385	38.48	ug/L	0.385	1.00%
Ti 334.940†	-1925.5	-2.257	ug/L	0.0544	-2.257	ug/L	0.0544	2.41%
B 249.772†	15111.6	341.3	ug/L	5.56	341.3	ug/L	5.56	1.63%
Cu 324.752†	12338.4	39.40	ug/L	0.011	39.40	ug/L	0.011	0.03%
S 181.975†	2237.2	8854	ug/L	43.6	8854	ug/L	43.6	0.49%
Zr 343.823†	154.7	0.415	ug/L	0.0332	0.415	ug/L	0.0332	8.00%

Sequence No.: 35
Sample ID: 220-12126-b-6-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 59
Date Collected: 5/10/2010 2:35:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-6-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	987003.9	0.934	mg/L	0.0067				0.71%
Y (radial)	93445.7	0.975	mg/L	0.0107				1.10%
Ag 328.068†	47.4	0.298	ug/L	0.0625	0.298	ug/L	0.0625	21.01%
Al 396.153†	-444.8	-42.25	ug/L	1.445	-42.25	ug/L	1.445	3.42%
As 188.979†	47.1	37.12	ug/L	3.749	37.12	ug/L	3.749	10.10%
Ba 233.527†	230406.3	3153	ug/L	16.0	3153	ug/L	16.0	0.51%
Be 313.107†	-308.5	-0.166	ug/L	0.0247	-0.166	ug/L	0.0247	14.87%
Ca 317.933†	529511.8	53860	ug/L	36.4	53860	ug/L	36.4	0.07%
Cd 214.440†	-35.1	-0.746	ug/L	0.2019	-0.746	ug/L	0.2019	27.07%
Co 228.616†	-76.1	-3.846	ug/L	0.0092	-3.846	ug/L	0.0092	0.24%
Cr 267.716†	-8.2	-0.183	ug/L	0.1409	-0.183	ug/L	0.1409	76.92%
Fe 238.204†	1424.3	482.8	ug/L	7.10	482.8	ug/L	7.10	1.47%
K 766.490†	62726.3	6572	ug/L	6.2	6572	ug/L	6.2	0.09%
Mg 285.213†	164822.6	13910	ug/L	18.1	13910	ug/L	18.1	0.13%
Mn 257.610†	81542.3	153.7	ug/L	0.61	153.7	ug/L	0.61	0.40%
Mo 202.031†	-119.7	-24.86	ug/L	0.886	-24.86	ug/L	0.886	3.56%

Na 589.592†	1437648.1	110400	ug/L	55.6	110400	ug/L	55.6	0.05%
Ni 231.604†	11.3	1.128	ug/L	0.0500	1.128	ug/L	0.0500	4.43%
Pb 220.353†	4.0	1.584	ug/L	0.4345	1.584	ug/L	0.4345	27.43%
Sb 206.836†	-6.5	-4.331	ug/L	4.5647	-4.331	ug/L	4.5647	105.40%
Se 196.026†	-22.9	-35.51	ug/L	6.857	-35.51	ug/L	6.857	19.31%
V 311.071†	349.2	1.119	ug/L	0.3394	1.119	ug/L	0.3394	30.33%
Sn 189.927†	2.0	0.935	ug/L	3.3233	0.935	ug/L	3.3233	355.29%
Sr 421.552†	6058808.9	7111	ug/L	3.6	7111	ug/L	3.6	0.05%
Tl 190.801†	-0.5	-0.329	ug/L	10.6292	-0.329	ug/L	10.6292	>999.9%
Zn 206.200†	54.3	4.588	ug/L	0.5328	4.588	ug/L	0.5328	11.61%
Ti 334.940†	-1277.5	-1.497	ug/L	0.0138	-1.497	ug/L	0.0138	0.92%
B 249.772†	49403.5	1118	ug/L	1.6	1118	ug/L	1.6	0.14%
Cu 324.752†	7004.9	22.42	ug/L	0.027	22.42	ug/L	0.027	0.12%
S 181.975†	439.5	1814	ug/L	0.3	1814	ug/L	0.3	0.02%
Zr 343.823†	13.0	0.009	ug/L	0.1098	0.009	ug/L	0.1098	>999.9%

Sequence No.: 36
Sample ID: 220-12126-a-7-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 60
Date Collected: 5/10/2010 2:38:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-7-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	986829.8	0.933	mg/L	0.0078				0.83%
Y (radial)	92253.7	0.962	mg/L	0.0088				0.91%
Ag 328.068†	-32.2	-0.153	ug/L	0.1921	-0.153	ug/L	0.1921	125.39%
Al 396.153†	-533.2	-50.50	ug/L	5.186	-50.50	ug/L	5.186	10.27%
As 188.979†	-4.2	-3.101	ug/L	4.3476	-3.101	ug/L	4.3476	140.22%
Ba 233.527†	28680.8	392.5	ug/L	0.75	392.5	ug/L	0.75	0.19%
Be 313.107†	-440.7	-0.239	ug/L	0.0150	-0.239	ug/L	0.0150	6.26%
Ca 317.933†	1018180.8	103600	ug/L	415.0	103600	ug/L	415.0	0.40%
Cd 214.440†	-63.6	-1.333	ug/L	0.1559	-1.333	ug/L	0.1559	11.70%
Co 228.616†	-12.9	-0.689	ug/L	0.2518	-0.689	ug/L	0.2518	36.54%
Cr 267.716†	-14.2	-0.330	ug/L	0.3847	-0.330	ug/L	0.3847	116.60%
Fe 238.204†	913.9	309.8	ug/L	2.09	309.8	ug/L	2.09	0.67%
K 766.490†	62865.9	6587	ug/L	21.7	6587	ug/L	21.7	0.33%
Mg 285.213†	389775.5	32880	ug/L	13.0	32880	ug/L	13.0	0.04%
Mn 257.610†	26869.7	49.38	ug/L	0.199	49.38	ug/L	0.199	0.40%
Mo 202.031†	-162.7	-33.79	ug/L	1.505	-33.79	ug/L	1.505	4.45%
Na 589.592†	735242.0	56480	ug/L	313.9	56480	ug/L	313.9	0.56%
Ni 231.604†	-10.8	-1.080	ug/L	0.3253	-1.080	ug/L	0.3253	30.12%
Pb 220.353†	-11.7	-5.201	ug/L	7.6976	-5.201	ug/L	7.6976	147.99%
Sb 206.836†	-10.2	-6.739	ug/L	3.9908	-6.739	ug/L	3.9908	59.22%
Se 196.026†	-23.3	-36.21	ug/L	7.783	-36.21	ug/L	7.783	21.49%
V 311.071†	713.4	2.218	ug/L	0.2233	2.218	ug/L	0.2233	10.07%
Sn 189.927†	-11.3	-5.349	ug/L	3.1677	-5.349	ug/L	3.1677	59.22%
Sr 421.552†	Saturated2							
Tl 190.801†	-16.8	-11.63	ug/L	4.827	-11.63	ug/L	4.827	41.50%
Zn 206.200†	231.0	19.53	ug/L	0.791	19.53	ug/L	0.791	4.05%
Ti 334.940†	-2269.2	-2.660	ug/L	0.1508	-2.660	ug/L	0.1508	5.67%
B 249.772†	28918.0	654.2	ug/L	0.99	654.2	ug/L	0.99	0.15%
Cu 324.752†	1144.0	3.697	ug/L	0.1967	3.697	ug/L	0.1967	5.32%
S 181.975†	2384.1	9416	ug/L	40.7	9416	ug/L	40.7	0.43%
Zr 343.823†	-6.0	-0.034	ug/L	0.1775	-0.034	ug/L	0.1775	525.50%

Sequence No.: 37
Sample ID: 220-12126-a-8-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 61
Date Collected: 5/10/2010 2:42:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-8-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1008602.5	0.954	mg/L	0.0095				0.99%
Y (radial)	93571.2	0.976	mg/L	0.0085				0.88%

Ag 328.068†	44.8	0.260 ug/L	0.2341	0.260 ug/L	0.2341	90.02%
Al 396.153†	-688.4	-66.85 ug/L	9.472	-66.85 ug/L	9.472	14.17%
As 188.979†	1.9	1.492 ug/L	2.4259	1.492 ug/L	2.4259	162.62%
Ba 233.527†	10020.8	137.1 ug/L	2.17	137.1 ug/L	2.17	1.58%
Be 313.107†	-184.0	-0.105 ug/L	0.0196	-0.105 ug/L	0.0196	18.62%
Ca 317.933†	960006.0	97660 ug/L	201.3	97660 ug/L	201.3	0.21%
Cd 214.440†	-69.2	-1.443 ug/L	0.0227	-1.443 ug/L	0.0227	1.57%
Co 228.616†	-5.5	-0.276 ug/L	0.0909	-0.276 ug/L	0.0909	32.98%
Cr 267.716†	-25.4	-0.602 ug/L	0.1514	-0.602 ug/L	0.1514	25.13%
Fe 238.204†	264.2	89.57 ug/L	1.261	89.57 ug/L	1.261	1.41%
K 766.490†	36198.8	3793 ug/L	2.0	3793 ug/L	2.0	0.05%
Mg 285.213†	383165.8	32320 ug/L	63.6	32320 ug/L	63.6	0.20%
Mn 257.610†	96064.7	180.4 ug/L	0.23	180.4 ug/L	0.23	0.13%
Mo 202.031†	-3.6	-0.746 ug/L	1.3843	-0.746 ug/L	1.3843	185.47%
Na 589.592†	220051.8	16900 ug/L	38.9	16900 ug/L	38.9	0.23%
Ni 231.604†	-25.0	-2.506 ug/L	1.2320	-2.506 ug/L	1.2320	49.15%
Pb 220.353†	-20.5	-8.895 ug/L	0.4297	-8.895 ug/L	0.4297	4.83%
Sb 206.836†	-15.3	-9.640 ug/L	5.2755	-9.640 ug/L	5.2755	54.73%
Se 196.026†	-20.5	-31.99 ug/L	13.619	-31.99 ug/L	13.619	42.58%
V 311.071†	518.9	1.477 ug/L	0.2367	1.477 ug/L	0.2367	16.02%
Sn 189.927†	-18.0	-8.525 ug/L	5.8643	-8.525 ug/L	5.8643	68.79%
Sr 421.552†	573085.6	672.6 ug/L	0.90	672.6 ug/L	0.90	0.13%
Tl 190.801†	-15.0	-10.40 ug/L	3.419	-10.40 ug/L	3.419	32.86%
Zn 206.200†	84.7	7.160 ug/L	0.7985	7.160 ug/L	0.7985	11.15%
Ti 334.940†	-2083.0	-2.441 ug/L	0.0736	-2.441 ug/L	0.0736	3.02%
B 249.772†	3520.9	79.43 ug/L	1.394	79.43 ug/L	1.394	1.76%
Cu 324.752†	-18.7	-0.046 ug/L	0.0828	-0.046 ug/L	0.0828	180.76%
S 181.975†	3647.7	14230 ug/L	242.4	14230 ug/L	242.4	1.70%
Zr 343.823†	-43.2	-0.125 ug/L	0.0643	-0.125 ug/L	0.0643	51.34%

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Sequence No.: 38
Sample ID: 220-12126-a-9-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 62
Date Collected: 5/10/2010 2:45:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-9-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	963330.3	0.911	mg/L	0.0124				1.36%
Y (radial)	90633.3	0.945	mg/L	0.0055				0.59%
Ag 328.068†	28.5	0.171	ug/L	0.0596	0.171	ug/L	0.0596	34.78%
Al 396.153†	-318.2	-30.60	ug/L	14.476	-30.60	ug/L	14.476	47.30%
As 188.979†	-5.0	-3.880	ug/L	1.5472	-3.880	ug/L	1.5472	39.87%
Ba 233.527†	48812.5	668.0	ug/L	0.69	668.0	ug/L	0.69	0.10%
Be 313.107†	-399.4	-0.211	ug/L	0.0009	-0.211	ug/L	0.0009	0.40%
Ca 317.933†	321383.5	32690	ug/L	112.9	32690	ug/L	112.9	0.35%
Cd 214.440†	-29.5	-0.617	ug/L	0.0427	-0.617	ug/L	0.0427	6.91%
Co 228.616†	-15.3	-0.778	ug/L	0.7185	-0.778	ug/L	0.7185	92.36%
Cr 267.716†	-15.5	-0.364	ug/L	0.1305	-0.364	ug/L	0.1305	35.84%
Fe 238.204†	362.5	122.9	ug/L	2.49	122.9	ug/L	2.49	2.03%
K 766.490†	30737.8	3220	ug/L	2.0	3220	ug/L	2.0	0.06%
Mg 285.213†	165452.6	13960	ug/L	12.1	13960	ug/L	12.1	0.09%
Mn 257.610†	39153.2	73.47	ug/L	0.120	73.47	ug/L	0.120	0.16%
Mo 202.031†	-38.7	-8.043	ug/L	0.7308	-8.043	ug/L	0.7308	9.09%
Na 589.592†	2412774.0	185400	ug/L	632.9	185400	ug/L	632.9	0.34%
Ni 231.604†	-1.3	-0.127	ug/L	0.9262	-0.127	ug/L	0.9262	731.27%
Pb 220.353†	36.1	15.57	ug/L	1.314	15.57	ug/L	1.314	8.44%
Sb 206.836†	-9.3	-5.951	ug/L	2.4474	-5.951	ug/L	2.4474	41.13%
Se 196.026†	-16.4	-25.50	ug/L	4.710	-25.50	ug/L	4.710	18.48%
V 311.071†	527.1	1.806	ug/L	0.0668	1.806	ug/L	0.0668	3.70%
Sn 189.927†	-9.6	-4.553	ug/L	3.6017	-4.553	ug/L	3.6017	79.11%
Sr 421.552†	1843140.7	2163	ug/L	9.9	2163	ug/L	9.9	0.46%
Tl 190.801†	-12.7	-8.823	ug/L	6.6243	-8.823	ug/L	6.6243	75.08%
Zn 206.200†	1076.2	91.01	ug/L	1.412	91.01	ug/L	1.412	1.55%
Ti 334.940†	-837.9	-0.982	ug/L	0.0894	-0.982	ug/L	0.0894	9.10%
B 249.772†	30053.3	680.8	ug/L	2.40	680.8	ug/L	2.40	0.35%
Cu 324.752†	27657.7	88.25	ug/L	0.095	88.25	ug/L	0.095	0.11%
S 181.975†	3702.1	14250	ug/L	340.5	14250	ug/L	340.5	2.39%
Zr 343.823†	20.5	0.050	ug/L	0.0498	0.050	ug/L	0.0498	99.18%

Sequence No.: 39
Sample ID: 220-12126-a-10-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 5/10/2010 2:48:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-a-10-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	999218.0	0.945	mg/L	0.0012				0.13%
Y (radial)	90968.7	0.949	mg/L	0.0158				1.67%
Ag 328.068†	90.4	0.528	ug/L	0.1263	0.528	ug/L	0.1263	23.91%
Al 396.153†	520.2	50.60	ug/L	1.852	50.60	ug/L	1.852	3.66%
As 188.979†	1.9	1.535	ug/L	0.3307	1.535	ug/L	0.3307	21.54%
Ba 233.527†	1562.0	21.37	ug/L	0.338	21.37	ug/L	0.338	1.58%
Be 313.107†	-160.6	-0.082	ug/L	0.0006	-0.082	ug/L	0.0006	0.79%
Ca 317.933†	171010.7	17400	ug/L	0.4	17400	ug/L	0.4	0.00%
Cd 214.440†	-24.9	-0.529	ug/L	0.0375	-0.529	ug/L	0.0375	7.08%
Co 228.616†	5.0	0.238	ug/L	0.4744	0.238	ug/L	0.4744	199.72%
Cr 267.716†	6.5	0.164	ug/L	0.3248	0.164	ug/L	0.3248	198.63%
Fe 238.204†	1078.3	365.6	ug/L	7.60	365.6	ug/L	7.60	2.08%
K 766.490†	42251.6	4427	ug/L	11.2	4427	ug/L	11.2	0.25%
Mg 285.213†	72350.4	6104	ug/L	4.2	6104	ug/L	4.2	0.07%
Mn 257.610†	146164.6	276.3	ug/L	0.38	276.3	ug/L	0.38	0.14%
Mo 202.031†	-7.9	-1.619	ug/L	0.1830	-1.619	ug/L	0.1830	11.30%
Na 589.592†	221249.6	17000	ug/L	2.2	17000	ug/L	2.2	0.01%
Ni 231.604†	5.4	0.537	ug/L	0.4924	0.537	ug/L	0.4924	91.63%
Pb 220.353†	-18.8	-8.164	ug/L	2.3160	-8.164	ug/L	2.3160	28.37%
Sb 206.836†	-0.8	-0.516	ug/L	1.0208	-0.516	ug/L	1.0208	197.80%
Se 196.026†	-16.2	-25.06	ug/L	0.330	-25.06	ug/L	0.330	1.32%
V 311.071†	197.6	0.647	ug/L	0.2312	0.647	ug/L	0.2312	35.75%
Sn 189.927†	-4.9	-2.322	ug/L	2.5320	-2.322	ug/L	2.5320	109.02%
Sr 421.552†	89401.4	104.9	ug/L	0.14	104.9	ug/L	0.14	0.13%
Tl 190.801†	-0.9	-0.566	ug/L	3.6399	-0.566	ug/L	3.6399	642.94%
Zn 206.200†	262.8	22.23	ug/L	0.445	22.23	ug/L	0.445	2.00%
Ti 334.940†	346.6	0.406	ug/L	0.1267	0.406	ug/L	0.1267	31.18%
B 249.772†	1651.2	35.84	ug/L	0.436	35.84	ug/L	0.436	1.22%
Cu 324.752†	3040.7	9.756	ug/L	0.1433	9.756	ug/L	0.1433	1.47%
S 181.975†	1773.3	6822	ug/L	77.6	6822	ug/L	77.6	1.14%
Zr 343.823†	-15.5	-0.064	ug/L	0.0142	-0.064	ug/L	0.0142	22.32%

Sequence No.: 40
Sample ID: mb 220-38273/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 5/10/2010 2:52:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-38273/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1007552.8	0.953	mg/L	0.0025				0.26%
Y (radial)	90087.0	0.940	mg/L	0.0091				0.96%
Ag 328.068†	97.0	0.538	ug/L	0.0180	0.538	ug/L	0.0180	3.34%
Al 396.153†	-178.0	-17.29	ug/L	7.912	-17.29	ug/L	7.912	45.75%
As 188.979†	-7.8	-6.094	ug/L	2.0930	-6.094	ug/L	2.0930	34.34%
Ba 233.527†	9.1	0.122	ug/L	0.2125	0.122	ug/L	0.2125	173.46%
Be 313.107†	-98.3	-0.051	ug/L	0.0111	-0.051	ug/L	0.0111	21.68%
Ca 317.933†	-367.6	-37.39	ug/L	1.334	-37.39	ug/L	1.334	3.57%
Cd 214.440†	-0.9	-0.019	ug/L	0.0283	-0.019	ug/L	0.0283	148.39%
Co 228.616†	7.8	0.391	ug/L	0.5677	0.391	ug/L	0.5677	145.34%
Cr 267.716†	-3.5	-0.085	ug/L	0.2924	-0.085	ug/L	0.2924	343.66%
Fe 238.204†	0.1	0.042	ug/L	0.7379	0.042	ug/L	0.7379	>999.9%
K 766.490†	51.1	5.356	ug/L	21.6886	5.356	ug/L	21.6886	404.94%
Mg 285.213†	-1.0	-0.085	ug/L	0.8943	-0.085	ug/L	0.8943	>999.9%
Mn 257.610†	48.5	0.092	ug/L	0.0192	0.092	ug/L	0.0192	20.87%
Mo 202.031†	0.5	0.103	ug/L	1.2029	0.103	ug/L	1.2029	>999.9%
Na 589.592†	713.0	54.77	ug/L	1.889	54.77	ug/L	1.889	3.45%

Ni 231.604†	-10.7	-1.072	ug/L	0.2113	-1.072	ug/L	0.2113 19.71%
Pb 220.353†	-7.7	-3.315	ug/L	0.9128	-3.315	ug/L	0.9128 27.53%
Sb 206.836†	-0.6	-0.408	ug/L	2.0840	-0.408	ug/L	2.0840 510.65%
Se 196.026†	-3.0	-4.640	ug/L	7.0204	-4.640	ug/L	7.0204 151.29%
V 311.071†	-226.2	-0.873	ug/L	0.0811	-0.873	ug/L	0.0811 9.29%
Sn 189.927†	3.1	1.461	ug/L	0.7305	1.461	ug/L	0.7305 50.00%
Sr 421.552†	-346.5	-0.407	ug/L	0.0975	-0.407	ug/L	0.0975 23.97%
Tl 190.801†	-2.8	-1.962	ug/L	4.5346	-1.962	ug/L	4.5346 231.16%
Zn 206.200†	-12.6	-1.066	ug/L	0.6839	-1.066	ug/L	0.6839 64.13%
Ti 334.940†	-49.9	-0.058	ug/L	0.0109	-0.058	ug/L	0.0109 18.61%
B 249.772†	378.4	8.578	ug/L	0.2240	8.578	ug/L	0.2240 2.61%
Cu 324.752†	283.1	0.903	ug/L	0.3827	0.903	ug/L	0.3827 42.38%
S 181.975†	11.4	43.42	ug/L	13.024	43.42	ug/L	13.024 29.99%
Zr 343.823†	-63.3	-0.176	ug/L	0.1404	-0.176	ug/L	0.1404 79.69%

Sequence No.: 41 **Autosampler Location: 65**
Sample ID: lcs 220-38273/2-a **Date Collected: 5/10/2010 2:55:17 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: lcs 220-38273/2-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1023053.0	0.968	mg/L	0.0102				1.05%
Y (radial)	90150.7	0.940	mg/L	0.0183				1.94%
Ag 328.068†	77.2	0.428	ug/L	0.0393	0.428	ug/L	0.0393	9.19%
Al 396.153†	-276.7	-26.88	ug/L	7.470	-26.88	ug/L	7.470	27.80%
As 188.979†	-4.5	-3.546	ug/L	6.2143	-3.546	ug/L	6.2143	175.26%
Ba 233.527†	14.4	0.195	ug/L	0.0414	0.195	ug/L	0.0414	21.18%
Be 313.107†	-98.2	-0.051	ug/L	0.0108	-0.051	ug/L	0.0108	21.17%
Ca 317.933†	-417.6	-42.48	ug/L	2.949	-42.48	ug/L	2.949	6.94%
Cd 214.440†	-5.1	-0.105	ug/L	0.0759	-0.105	ug/L	0.0759	72.10%
Co 228.616†	0.4	0.022	ug/L	0.0349	0.022	ug/L	0.0349	160.56%
Cr 267.716†	-4.6	-0.110	ug/L	0.1299	-0.110	ug/L	0.1299	118.43%
Fe 238.204†	-11.0	-3.729	ug/L	1.6934	-3.729	ug/L	1.6934	45.41%
K 766.490†	11.9	1.244	ug/L	0.1610	1.244	ug/L	0.1610	12.94%
Mg 285.213†	8.9	0.752	ug/L	0.7089	0.752	ug/L	0.7089	94.33%
Mn 257.610†	51.0	0.097	ug/L	0.0069	0.097	ug/L	0.0069	7.18%
Mo 202.031†	-0.1	-0.027	ug/L	0.9295	-0.027	ug/L	0.9295	>999.9%
Na 589.592†	510.3	39.20	ug/L	7.985	39.20	ug/L	7.985	20.37%
Ni 231.604†	-2.7	-0.274	ug/L	0.2391	-0.274	ug/L	0.2391	87.24%
Pb 220.353†	3.1	1.345	ug/L	3.4761	1.345	ug/L	3.4761	258.49%
Sb 206.836†	1.1	0.691	ug/L	3.5571	0.691	ug/L	3.5571	514.77%
Se 196.026†	-7.2	-11.20	ug/L	4.188	-11.20	ug/L	4.188	37.40%
V 311.071†	-149.3	-0.576	ug/L	0.3869	-0.576	ug/L	0.3869	67.17%
Sn 189.927†	-7.6	-3.590	ug/L	1.4935	-3.590	ug/L	1.4935	41.60%
Sr 421.552†	-287.6	-0.338	ug/L	0.1157	-0.338	ug/L	0.1157	34.28%
Tl 190.801†	3.8	2.598	ug/L	0.0600	2.598	ug/L	0.0600	2.31%
Zn 206.200†	-9.9	-0.836	ug/L	0.3896	-0.836	ug/L	0.3896	46.61%
Ti 334.940†	-52.3	-0.061	ug/L	0.0010	-0.061	ug/L	0.0010	1.63%
B 249.772†	126.2	2.878	ug/L	0.2014	2.878	ug/L	0.2014	7.00%
Cu 324.752†	214.9	0.685	ug/L	0.0212	0.685	ug/L	0.0212	3.09%
S 181.975†	2383.3	9087	ug/L	83.1	9087	ug/L	83.1	0.91%
Zr 343.823†	-98.1	-0.273	ug/L	0.0602	-0.273	ug/L	0.0602	22.05%

Sequence No.: 42 **Autosampler Location: 66**
Sample ID: 220-12159-a-1-a **Date Collected: 5/10/2010 2:58:26 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12159-a-1-a

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	976048.2	0.923	mg/L	0.0015				0.16%
Y (radial)	89704.5	0.936	mg/L	0.0134				1.43%
Ag 328.068†	33.8	0.433	ug/L	0.2149	0.433	ug/L	0.2149	49.64%

Al 396.153†	12744.3	1238	ug/L	5.5	1238	ug/L	5.5	0.45%
As 188.979†	10.9	8.921	ug/L	10.8142	8.921	ug/L	10.8142	121.22%
Ba 233.527†	10179.2	139.2	ug/L	0.53	139.2	ug/L	0.53	0.38%
Be 313.107†	-491.3	-0.094	ug/L	0.0073	-0.094	ug/L	0.0073	7.81%
Ca 317.933†	762118.4	77530	ug/L	931.1	77530	ug/L	931.1	1.20%
Cd 214.440†	-55.9	-1.278	ug/L	0.1161	-1.278	ug/L	0.1161	9.09%
Co 228.616†	45.3	2.062	ug/L	0.3100	2.062	ug/L	0.3100	15.04%
Cr 267.716†	340.2	8.202	ug/L	0.4180	8.202	ug/L	0.4180	5.10%
Fe 238.204†	10841.0	3675	ug/L	24.0	3675	ug/L	24.0	0.65%
K 766.490†	24708.1	2589	ug/L	3.6	2589	ug/L	3.6	0.14%
Mg 285.213†	398655.9	33630	ug/L	460.5	33630	ug/L	460.5	1.37%
Mn 257.610†	565929.3	1069	ug/L	4.8	1069	ug/L	4.8	0.45%
Mo 202.031†	-12.3	-2.422	ug/L	0.0923	-2.422	ug/L	0.0923	3.81%
Na 589.592†	263471.9	20240	ug/L	248.4	20240	ug/L	248.4	1.23%
Ni 231.604†	122.8	12.33	ug/L	0.033	12.33	ug/L	0.033	0.27%
Pb 220.353†	1.5	0.318	ug/L	2.3118	0.318	ug/L	2.3118	726.51%
Sb 206.836†	-4.9	-3.244	ug/L	0.1364	-3.244	ug/L	0.1364	4.21%
Se 196.026†	-23.1	-33.70	ug/L	7.211	-33.70	ug/L	7.211	21.40%
V 311.071†	1400.0	4.294	ug/L	0.0657	4.294	ug/L	0.0657	1.53%
Sn 189.927†	-13.8	-6.304	ug/L	2.2684	-6.304	ug/L	2.2684	35.98%
Sr 421.552†	285052.6	334.6	ug/L	5.02	334.6	ug/L	5.02	1.50%
Tl 190.801†	-16.5	-10.72	ug/L	1.899	-10.72	ug/L	1.899	17.72%
Zn 206.200†	66.9	5.728	ug/L	0.5286	5.728	ug/L	0.5286	9.23%
Ti 334.940†	33438.4	39.19	ug/L	1.616	39.19	ug/L	1.616	4.12%
B 249.772†	3425.0	61.64	ug/L	1.490	61.64	ug/L	1.490	2.42%
Cu 324.752†	5615.5	18.48	ug/L	0.324	18.48	ug/L	0.324	1.75%
S 181.975†	2234.5	8853	ug/L	31.2	8853	ug/L	31.2	0.35%
Zr 343.823†	408.2	0.933	ug/L	0.1638	0.933	ug/L	0.1638	17.56%

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Sequence No.: 43
Sample ID: 220-12159-a-1-b ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 5/10/2010 3:01:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12159-a-1-b ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1004195.5	0.950	mg/L	0.0093				0.98%
Y (radial)	92520.7	0.965	mg/L	0.0022				0.22%
Ag 328.068†	20.1	0.355	ug/L	0.2445	0.355	ug/L	0.2445	68.81%
Al 396.153†	13142.6	1277	ug/L	20.0	1277	ug/L	20.0	1.57%
As 188.979†	-1.4	-0.742	ug/L	6.0636	-0.742	ug/L	6.0636	817.48%
Ba 233.527†	9911.3	135.6	ug/L	1.13	135.6	ug/L	1.13	0.84%
Be 313.107†	-583.9	-0.055	ug/L	0.0032	-0.055	ug/L	0.0032	5.81%
Ca 317.933†	755683.9	76870	ug/L	329.6	76870	ug/L	329.6	0.43%
Cd 214.440†	-70.3	-1.579	ug/L	0.0704	-1.579	ug/L	0.0704	4.46%
Co 228.616†	28.5	1.175	ug/L	1.3112	1.175	ug/L	1.3112	111.55%
Cr 267.716†	347.4	8.372	ug/L	0.2452	8.372	ug/L	0.2452	2.93%
Fe 238.204†	10837.8	3674	ug/L	8.9	3674	ug/L	8.9	0.24%
K 766.490†	24384.1	2555	ug/L	4.2	2555	ug/L	4.2	0.16%
Mg 285.213†	394439.7	33280	ug/L	134.9	33280	ug/L	134.9	0.41%
Mn 257.610†	553713.0	1046	ug/L	4.1	1046	ug/L	4.1	0.39%
Mo 202.031†	3.5	0.867	ug/L	0.0634	0.867	ug/L	0.0634	7.31%
Na 589.592†	260941.1	20050	ug/L	110.6	20050	ug/L	110.6	0.55%
Ni 231.604†	137.0	13.76	ug/L	0.798	13.76	ug/L	0.798	5.80%
Pb 220.353†	-16.0	-7.249	ug/L	4.7875	-7.249	ug/L	4.7875	66.04%
Sb 206.836†	-5.6	-3.674	ug/L	7.5625	-3.674	ug/L	7.5625	205.86%
Se 196.026†	-32.3	-48.05	ug/L	20.187	-48.05	ug/L	20.187	42.01%
V 311.071†	1251.6	3.473	ug/L	0.0395	3.473	ug/L	0.0395	1.14%
Sn 189.927†	-11.7	-5.219	ug/L	4.1297	-5.219	ug/L	4.1297	79.13%
Sr 421.552†	282614.5	331.7	ug/L	1.41	331.7	ug/L	1.41	0.42%
Tl 190.801†	-3.1	-1.082	ug/L	2.5784	-1.082	ug/L	2.5784	238.24%
Zn 206.200†	52.3	4.492	ug/L	0.5796	4.492	ug/L	0.5796	12.90%
Ti 334.940†	51589.7	60.46	ug/L	20.260	60.46	ug/L	20.260	33.51%
B 249.772†	3295.6	58.71	ug/L	0.663	58.71	ug/L	0.663	1.13%
Cu 324.752†	5463.4	17.99	ug/L	0.400	17.99	ug/L	0.400	2.22%
S 181.975†	4984.5	19340	ug/L	138.4	19340	ug/L	138.4	0.72%
Zr 343.823†	760.0	1.912	ug/L	0.7464	1.912	ug/L	0.7464	39.04%

Sequence No.: 44
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 3:04:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	994652.9	0.941	mg/L	0.0042				0.45%
Y (radial)	92881.5	0.969	mg/L	0.0237				2.44%
Ag 328.068†	52888.0	295.5	ug/L	0.11	295.5	ug/L	0.11	0.04%
QC value within limits for Ag 328.068 Recovery = 98.49%								
Al 396.153†	52625.1	5092	ug/L	1.0	5092	ug/L	1.0	0.02%
QC value within limits for Al 396.153 Recovery = 96.08%								
As 188.979†	375.5	294.8	ug/L	6.25	294.8	ug/L	6.25	2.12%
QC value within limits for As 188.979 Recovery = 98.25%								
Ba 233.527†	22431.5	307.5	ug/L	2.02	307.5	ug/L	2.02	0.66%
QC value within limits for Ba 233.527 Recovery = 102.50%								
Be 313.107†	586177.0	305.7	ug/L	0.98	305.7	ug/L	0.98	0.32%
QC value within limits for Be 313.107 Recovery = 101.91%								
Ca 317.933†	171960.8	17490	ug/L	71.7	17490	ug/L	71.7	0.41%
QC value within limits for Ca 317.933 Recovery = 93.29%								
Cd 214.440†	14826.0	308.4	ug/L	2.51	308.4	ug/L	2.51	0.81%
QC value within limits for Cd 214.440 Recovery = 102.79%								
Co 228.616†	6619.7	330.5	ug/L	2.34	330.5	ug/L	2.34	0.71%
QC value greater than the upper limit for Co 228.616 Recovery = 110.15%								
Cr 267.716†	12865.1	307.2	ug/L	2.24	307.2	ug/L	2.24	0.73%
QC value within limits for Cr 267.716 Recovery = 102.40%								
Fe 238.204†	14637.3	4967	ug/L	19.5	4967	ug/L	19.5	0.39%
QC value within limits for Fe 238.204 Recovery = 99.35%								
K 766.490†	380680.3	39890	ug/L	701.7	39890	ug/L	701.7	1.76%
QC value within limits for K 766.490 Recovery = 99.71%								
Mg 285.213†	212312.1	17920	ug/L	59.8	17920	ug/L	59.8	0.33%
QC value within limits for Mg 285.213 Recovery = 95.55%								
Mn 257.610†	160060.4	302.1	ug/L	1.13	302.1	ug/L	1.13	0.38%
QC value within limits for Mn 257.610 Recovery = 100.70%								
Mo 202.031†	2487.6	517.1	ug/L	6.24	517.1	ug/L	6.24	1.21%
QC value within limits for Mo 202.031 Recovery = 103.42%								
Na 589.592†	497484.5	38220	ug/L	617.8	38220	ug/L	617.8	1.62%
QC value within limits for Na 589.592 Recovery = 95.54%								
Ni 231.604†	3270.7	328.6	ug/L	3.24	328.6	ug/L	3.24	0.99%
QC value within limits for Ni 231.604 Recovery = 109.53%								
Pb 220.353†	701.8	305.2	ug/L	0.34	305.2	ug/L	0.34	0.11%
QC value within limits for Pb 220.353 Recovery = 101.73%								
Sb 206.836†	446.2	283.1	ug/L	3.70	283.1	ug/L	3.70	1.31%
QC value within limits for Sb 206.836 Recovery = 94.37%								
Se 196.026†	189.8	299.9	ug/L	10.44	299.9	ug/L	10.44	3.48%
QC value within limits for Se 196.026 Recovery = 99.96%								
V 311.071†	78860.9	298.2	ug/L	0.64	298.2	ug/L	0.64	0.22%
QC value within limits for V 311.071 Recovery = 99.38%								
Sn 189.927†	1096.9	520.1	ug/L	10.55	520.1	ug/L	10.55	2.03%
QC value within limits for Sn 189.927 Recovery = 104.02%								
Sr 421.552†	424260.1	497.9	ug/L	7.39	497.9	ug/L	7.39	1.48%
QC value within limits for Sr 421.552 Recovery = 99.59%								
Tl 190.801†	456.7	322.3	ug/L	3.36	322.3	ug/L	3.36	1.04%
QC value within limits for Tl 190.801 Recovery = 107.42%								
Zn 206.200†	3746.9	319.5	ug/L	1.44	319.5	ug/L	1.44	0.45%
QC value within limits for Zn 206.200 Recovery = 106.49%								
Ti 334.940†	438487.7	513.9	ug/L	1.41	513.9	ug/L	1.41	0.27%
QC value within limits for Ti 334.940 Recovery = 102.78%								
B 249.772†	22101.3	479.4	ug/L	2.17	479.4	ug/L	2.17	0.45%
QC value within limits for B 249.772 Recovery = 95.89%								
Cu 324.752†	99731.7	318.9	ug/L	1.86	318.9	ug/L	1.86	0.58%
QC value within limits for Cu 324.752 Recovery = 106.30%								
S 181.975†	2569.1	9973	ug/L	49.3	9973	ug/L	49.3	0.49%
QC value within limits for S 181.975 Recovery = 99.73%								
Zr 343.823†	109714.4	305.1	ug/L	0.34	305.1	ug/L	0.34	0.11%
QC value within limits for Zr 343.823 Recovery = 101.72%								

QC Failed. Continue with analysis.

Sequence No.: 45
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 3:08:08 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1053369.5	0.996	mg/L	0.0061				0.62%
Y (radial)	94000.0	0.980	mg/L	0.0199				2.03%
Ag 328.068†	143.9	0.798	ug/L	0.0913	0.798	ug/L	0.0913	11.44%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	109.5	10.61	ug/L	5.803	10.61	ug/L	5.803	54.72%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-6.5	-5.099	ug/L	5.6998	-5.099	ug/L	5.6998	111.79%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	9.3	0.125	ug/L	0.2118	0.125	ug/L	0.2118	169.96%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-33.3	-0.017	ug/L	0.0467	-0.017	ug/L	0.0467	278.36%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	23.6	2.406	ug/L	2.2788	2.406	ug/L	2.2788	94.73%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-7.1	-0.148	ug/L	0.2356	-0.148	ug/L	0.2356	159.02%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-9.9	-0.495	ug/L	0.3063	-0.495	ug/L	0.3063	61.85%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	1.4	0.031	ug/L	0.0316	0.031	ug/L	0.0316	102.10%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-4.8	-1.647	ug/L	0.6580	-1.647	ug/L	0.6580	39.94%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-116.6	-12.22	ug/L	3.172	-12.22	ug/L	3.172	25.96%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	11.3	0.953	ug/L	0.7639	0.953	ug/L	0.7639	80.17%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-10.0	-0.019	ug/L	0.0063	-0.019	ug/L	0.0063	33.27%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	4.6	0.959	ug/L	1.1151	0.959	ug/L	1.1151	116.23%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	27.0	2.076	ug/L	19.1401	2.076	ug/L	19.1401	922.01%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	4.5	0.455	ug/L	0.6070	0.455	ug/L	0.6070	133.30%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-2.4	-1.039	ug/L	0.0978	-1.039	ug/L	0.0978	9.41%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	5.3	3.349	ug/L	4.4161	3.349	ug/L	4.4161	131.86%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	1.4	2.140	ug/L	8.1999	2.140	ug/L	8.1999	383.16%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-354.7	-1.372	ug/L	0.0858	-1.372	ug/L	0.0858	6.26%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-2.4	-1.142	ug/L	1.1125	-1.142	ug/L	1.1125	97.45%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	19.6	0.023	ug/L	0.0395	0.023	ug/L	0.0395	171.64%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	4.1	2.868	ug/L	1.8251	2.868	ug/L	1.8251	63.63%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-2.5	-0.213	ug/L	0.7480	-0.213	ug/L	0.7480	351.35%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	95.6	0.112	ug/L	0.0025	0.112	ug/L	0.0025	2.21%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	190.0	4.314	ug/L	0.4405	4.314	ug/L	0.4405	10.21%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	-15.9	-0.051	ug/L	0.4765	-0.051	ug/L	0.4765	936.79%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	2.6	10.04	ug/L	2.385	10.04	ug/L	2.385	23.74%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	5.1	0.014	ug/L	0.1844	0.014	ug/L	0.1844	>999.9%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 46
Sample ID: 220-12159-a-1-c msd
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 5/10/2010 3:11:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12159-a-1-c msd

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	999338.6	0.945	mg/L	0.0098				1.03%
Y (radial)	90197.1	0.941	mg/L	0.0058				0.62%
Ag 328.068†	53.5	0.544	ug/L	0.0644	0.544	ug/L	0.0644	11.83%
Al 396.153†	12953.1	1258	ug/L	45.6	1258	ug/L	45.6	3.63%
As 188.979†	0.4	0.649	ug/L	1.2958	0.649	ug/L	1.2958	199.56%
Ba 233.527†	9945.0	136.0	ug/L	1.36	136.0	ug/L	1.36	1.00%
Be 313.107†	-417.0	-0.042	ug/L	0.0565	-0.042	ug/L	0.0565	135.44%
Ca 317.933†	779559.0	79300	ug/L	1181.7	79300	ug/L	1181.7	1.49%
Cd 214.440†	-57.9	-1.322	ug/L	0.2346	-1.322	ug/L	0.2346	17.75%
Co 228.616†	20.9	0.836	ug/L	0.2030	0.836	ug/L	0.2030	24.29%
Cr 267.716†	336.3	8.108	ug/L	0.0291	8.108	ug/L	0.0291	0.36%
Fe 238.204†	10949.2	3712	ug/L	10.7	3712	ug/L	10.7	0.29%
K 766.490†	24941.1	2613	ug/L	13.8	2613	ug/L	13.8	0.53%
Mg 285.213†	408654.9	34480	ug/L	531.0	34480	ug/L	531.0	1.54%
Mn 257.610†	568573.4	1074	ug/L	5.9	1074	ug/L	5.9	0.55%
Mo 202.031†	2.0	0.559	ug/L	1.8401	0.559	ug/L	1.8401	329.41%
Na 589.592†	270096.9	20750	ug/L	323.2	20750	ug/L	323.2	1.56%
Ni 231.604†	134.6	13.51	ug/L	0.233	13.51	ug/L	0.233	1.72%
Pb 220.353†	-6.9	-3.289	ug/L	3.5960	-3.289	ug/L	3.5960	109.34%
Sb 206.836†	-0.6	-0.454	ug/L	3.6004	-0.454	ug/L	3.6004	792.44%
Se 196.026†	-21.8	-31.60	ug/L	15.446	-31.60	ug/L	15.446	48.88%
V 311.071†	1359.1	4.081	ug/L	0.1833	4.081	ug/L	0.1833	4.49%
Sn 189.927†	1.7	1.033	ug/L	2.6601	1.033	ug/L	2.6601	257.59%
Sr 421.552†	292274.7	343.0	ug/L	3.88	343.0	ug/L	3.88	1.13%
Tl 190.801†	-7.5	-4.407	ug/L	4.8035	-4.407	ug/L	4.8035	109.00%
Zn 206.200†	63.7	5.453	ug/L	0.8845	5.453	ug/L	0.8845	16.22%
Ti 334.940†	36302.2	42.55	ug/L	13.364	42.55	ug/L	13.364	31.41%
B 249.772†	3310.6	58.88	ug/L	0.575	58.88	ug/L	0.575	0.98%
Cu 324.752†	5774.2	18.99	ug/L	0.034	18.99	ug/L	0.034	0.18%
S 181.975†	4999.8	19410	ug/L	134.4	19410	ug/L	134.4	0.69%
Zr 343.823†	670.3	1.660	ug/L	0.4494	1.660	ug/L	0.4494	27.07%

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Sequence No.: 47
Sample ID: 220-12126-b-1-a @5
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 69
Date Collected: 5/10/2010 3:14:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-1-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1004087.1	0.950	mg/L	0.0091				0.96%
Y (radial)	91838.4	0.958	mg/L	0.0015				0.16%
Ag 328.068†	73.4	0.451	ug/L	0.1729	0.451	ug/L	0.1729	38.30%
Al 396.153†	-262.3	-25.31	ug/L	4.858	-25.31	ug/L	4.858	19.20%
As 188.979†	-4.4	-3.331	ug/L	0.4112	-3.331	ug/L	0.4112	12.34%
Ba 233.527†	374.9	5.121	ug/L	0.1386	5.121	ug/L	0.1386	2.71%
Be 313.107†	-177.8	-0.096	ug/L	0.0139	-0.096	ug/L	0.0139	14.47%
Ca 317.933†	389410.0	39610	ug/L	81.6	39610	ug/L	81.6	0.21%
Cd 214.440†	-57.7	-1.221	ug/L	0.2323	-1.221	ug/L	0.2323	19.02%
Co 228.616†	-3.0	-0.171	ug/L	0.7289	-0.171	ug/L	0.7289	427.50%
Cr 267.716†	11.4	0.286	ug/L	0.5542	0.286	ug/L	0.5542	193.51%
Fe 238.204†	1867.0	632.9	ug/L	0.12	632.9	ug/L	0.12	0.02%
K 766.490†	5207.7	545.6	ug/L	15.63	545.6	ug/L	15.63	2.86%
Mg 285.213†	237461.6	20030	ug/L	77.9	20030	ug/L	77.9	0.39%
Mn 257.610†	169893.7	320.6	ug/L	1.12	320.6	ug/L	1.12	0.35%
Mo 202.031†	-21.8	-4.514	ug/L	0.1186	-4.514	ug/L	0.1186	2.63%

Na 589.592†	153355.8	11780	ug/L	45.7	11780	ug/L	45.7	0.39%
Ni 231.604†	-2.5	-0.247	ug/L	1.3439	-0.247	ug/L	1.3439	545.12%
Pb 220.353†	-12.3	-5.398	ug/L	1.2212	-5.398	ug/L	1.2212	22.62%
Sb 206.836†	-9.3	-5.915	ug/L	6.3914	-5.915	ug/L	6.3914	108.06%
Se 196.026†	-23.2	-35.78	ug/L	13.554	-35.78	ug/L	13.554	37.88%
V 311.071†	281.5	0.744	ug/L	0.0014	0.744	ug/L	0.0014	0.19%
Sn 189.927†	-7.0	-3.324	ug/L	1.3765	-3.324	ug/L	1.3765	41.42%
Sr 421.552†	551647.0	647.5	ug/L	2.13	647.5	ug/L	2.13	0.33%
Tl 190.801†	-3.0	-2.085	ug/L	2.3526	-2.085	ug/L	2.3526	112.81%
Zn 206.200†	37.4	3.168	ug/L	0.9282	3.168	ug/L	0.9282	29.30%
Ti 334.940†	-892.9	-1.047	ug/L	0.0102	-1.047	ug/L	0.0102	0.97%
B 249.772†	2333.2	50.14	ug/L	1.251	50.14	ug/L	1.251	2.50%
Cu 324.752†	315.1	1.103	ug/L	0.1725	1.103	ug/L	0.1725	15.65%
S 181.975†	10500.0	40230	ug/L	714.2	40230	ug/L	714.2	1.78%
Zr 343.823†	-44.0	-0.158	ug/L	0.0230	-0.158	ug/L	0.0230	14.59%

Sequence No.: 48 **Autosampler Location: 70**
Sample ID: 220-12126-a-3-a @5 **Date Collected: 5/10/2010 3:17:29 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12126-a-3-a @5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1016640.6	0.962	mg/L	0.0027				0.28%
Y (radial)	91780.0	0.957	mg/L	0.0062				0.64%
Ag 328.068†	70.1	0.426	ug/L	0.1335	0.426	ug/L	0.1335	31.35%
Al 396.153†	-272.3	-26.32	ug/L	0.634	-26.32	ug/L	0.634	2.41%
As 188.979†	-4.2	-3.228	ug/L	2.1253	-3.228	ug/L	2.1253	65.85%
Ba 233.527†	1004.1	13.73	ug/L	0.001	13.73	ug/L	0.001	0.01%
Be 313.107†	-199.7	-0.108	ug/L	0.0089	-0.108	ug/L	0.0089	8.20%
Ca 317.933†	397811.6	40470	ug/L	58.9	40470	ug/L	58.9	0.15%
Cd 214.440†	-47.2	-0.998	ug/L	0.0422	-0.998	ug/L	0.0422	4.23%
Co 228.616†	-1.1	-0.072	ug/L	0.6167	-0.072	ug/L	0.6167	853.77%
Cr 267.716†	-1.2	-0.016	ug/L	0.3767	-0.016	ug/L	0.3767	>999.9%
Fe 238.204†	1553.9	526.8	ug/L	5.31	526.8	ug/L	5.31	1.01%
K 766.490†	5764.5	604.0	ug/L	22.14	604.0	ug/L	22.14	3.67%
Mg 285.213†	189603.0	16000	ug/L	18.3	16000	ug/L	18.3	0.11%
Mn 257.610†	140268.0	264.7	ug/L	1.16	264.7	ug/L	1.16	0.44%
Mo 202.031†	-16.6	-3.429	ug/L	1.0058	-3.429	ug/L	1.0058	29.33%
Na 589.592†	186713.9	14340	ug/L	23.1	14340	ug/L	23.1	0.16%
Ni 231.604†	2.0	0.197	ug/L	1.2327	0.197	ug/L	1.2327	625.06%
Pb 220.353†	-12.3	-5.399	ug/L	0.0178	-5.399	ug/L	0.0178	0.33%
Sb 206.836†	0.8	0.494	ug/L	2.1846	0.494	ug/L	2.1846	441.91%
Se 196.026†	-6.9	-10.42	ug/L	1.506	-10.42	ug/L	1.506	14.45%
V 311.071†	293.2	0.862	ug/L	0.4687	0.862	ug/L	0.4687	54.39%
Sn 189.927†	-19.8	-9.348	ug/L	4.1654	-9.348	ug/L	4.1654	44.56%
Sr 421.552†	800520.2	939.6	ug/L	2.35	939.6	ug/L	2.35	0.25%
Tl 190.801†	0.1	0.070	ug/L	2.3496	0.070	ug/L	2.3496	>999.9%
Zn 206.200†	4.4	0.370	ug/L	0.0362	0.370	ug/L	0.0362	9.78%
Ti 334.940†	-974.9	-1.143	ug/L	0.0025	-1.143	ug/L	0.0025	0.22%
B 249.772†	2983.9	65.35	ug/L	0.292	65.35	ug/L	0.292	0.45%
Cu 324.752†	614.8	2.042	ug/L	0.0208	2.042	ug/L	0.0208	1.02%
S 181.975†	9448.6	36180	ug/L	103.0	36180	ug/L	103.0	0.28%
Zr 343.823†	-29.9	-0.112	ug/L	0.0249	-0.112	ug/L	0.0249	22.15%

Sequence No.: 49 **Autosampler Location: 71**
Sample ID: 220-12126-b-11-b **Date Collected: 5/10/2010 3:20:41 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12126-b-11-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	977426.8	0.924	mg/L	0.0081				0.88%
Y (radial)	90415.4	0.943	mg/L	0.0051				0.54%

Ag 328.068†	85.8	0.479	ug/L	0.0679	0.479	ug/L	0.0679 14.19%
Al 396.153†	-352.7	-34.33	ug/L	0.387	-34.33	ug/L	0.387 1.13%
As 188.979†	-9.4	-7.356	ug/L	7.5871	-7.356	ug/L	7.5871 103.14%
Ba 233.527†	49.2	0.674	ug/L	0.1689	0.674	ug/L	0.1689 25.08%
Be 313.107†	-349.7	-0.181	ug/L	0.0006	-0.181	ug/L	0.0006 0.31%
Ca 317.933†	25552.3	2599	ug/L	17.2	2599	ug/L	17.2 0.66%
Cd 214.440†	-6.1	-0.128	ug/L	0.0721	-0.128	ug/L	0.0721 56.21%
Co 228.616†	1.6	0.083	ug/L	0.1031	0.083	ug/L	0.1031 124.71%
Cr 267.716†	-7.6	-0.180	ug/L	0.1915	-0.180	ug/L	0.1915 106.24%
Fe 238.204†	54.5	18.48	ug/L	0.141	18.48	ug/L	0.141 0.77%
K 766.490†	17750.8	1860	ug/L	12.8	1860	ug/L	12.8 0.69%
Mg 285.213†	9479.3	799.7	ug/L	6.03	799.7	ug/L	6.03 0.75%
Mn 257.610†	8397.5	15.86	ug/L	0.015	15.86	ug/L	0.015 0.09%
Mo 202.031†	8.3	1.725	ug/L	0.6605	1.725	ug/L	0.6605 38.28%
Na 589.592†	2020261.6	155200	ug/L	4772.9	155200	ug/L	4772.9 3.08%
Ni 231.604†	-6.8	-0.684	ug/L	1.1358	-0.684	ug/L	1.1358 166.06%
Pb 220.353†	3.7	1.615	ug/L	7.3555	1.615	ug/L	7.3555 455.56%
Sb 206.836†	-0.5	-0.324	ug/L	5.4226	-0.324	ug/L	5.4226 >999.9%
Se 196.026†	3.2	4.999	ug/L	1.8563	4.999	ug/L	1.8563 37.13%
V 311.071†	13.6	0.040	ug/L	0.0211	0.040	ug/L	0.0211 53.25%
Sn 189.927†	-0.8	-0.374	ug/L	2.1899	-0.374	ug/L	2.1899 585.66%
Sr 421.552†	16432.1	19.29	ug/L	0.185	19.29	ug/L	0.185 0.96%
Tl 190.801†	-1.0	-0.705	ug/L	1.5506	-0.705	ug/L	1.5506 219.93%
Zn 206.200†	123.3	10.42	ug/L	0.165	10.42	ug/L	0.165 1.58%
Ti 334.940†	-67.0	-0.078	ug/L	0.0291	-0.078	ug/L	0.0291 37.04%
B 249.772†	3439.7	77.90	ug/L	0.053	77.90	ug/L	0.053 0.07%
Cu 324.752†	6957.4	22.20	ug/L	0.276	22.20	ug/L	0.276 1.24%
S 181.975†	2562.8	9779	ug/L	12.2	9779	ug/L	12.2 0.13%
Zr 343.823†	29.5	0.081	ug/L	0.1624	0.081	ug/L	0.1624 200.00%

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Sequence No.: 50
Sample ID: 220-12151-a-1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 72
Date Collected: 5/10/2010 3:23:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12151-a-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	991547.9	0.938	mg/L	0.0046				0.49%
Y (radial)	93984.6	0.980	mg/L	0.0084				0.86%
Ag 328.068†	-1.3	0.451	ug/L	0.2664	0.451	ug/L	0.2664	59.02%
Al 396.153†	-233.0	-22.43	ug/L	2.935	-22.43	ug/L	2.935	13.08%
As 188.979†	-0.4	0.451	ug/L	7.4682	0.451	ug/L	7.4682	>999.9%
Ba 233.527†	35160.3	481.0	ug/L	2.98	481.0	ug/L	2.98	0.62%
Be 313.107†	-254.6	-0.142	ug/L	0.0131	-0.142	ug/L	0.0131	9.20%
Ca 317.933†	1116832.1	113600	ug/L	44.6	113600	ug/L	44.6	0.04%
Cd 214.440†	-31.1	-0.873	ug/L	0.2240	-0.873	ug/L	0.2240	25.65%
Co 228.616†	5.5	0.052	ug/L	0.0061	0.052	ug/L	0.0061	11.71%
Cr 267.716†	-2.9	0.094	ug/L	0.0998	0.094	ug/L	0.0998	106.61%
Fe 238.204†	21229.5	7197	ug/L	26.4	7197	ug/L	26.4	0.37%
K 766.490†	30446.7	3190	ug/L	13.6	3190	ug/L	13.6	0.43%
Mg 285.213†	317330.1	26780	ug/L	35.2	26780	ug/L	35.2	0.13%
Mn 257.610†	429892.3	812.3	ug/L	4.10	812.3	ug/L	4.10	0.50%
Mo 202.031†	-25.4	-4.990	ug/L	1.3896	-4.990	ug/L	1.3896	27.85%
Na 589.592†	746574.7	57350	ug/L	424.9	57350	ug/L	424.9	0.74%
Ni 231.604†	11.2	1.123	ug/L	0.4823	1.123	ug/L	0.4823	42.94%
Pb 220.353†	3.5	0.628	ug/L	0.6367	0.628	ug/L	0.6367	101.46%
Sb 206.836†	-7.2	-4.590	ug/L	8.7639	-4.590	ug/L	8.7639	190.94%
Se 196.026†	-32.2	-45.95	ug/L	23.525	-45.95	ug/L	23.525	51.19%
V 311.071†	581.8	1.678	ug/L	0.2606	1.678	ug/L	0.2606	15.53%
Sn 189.927†	-11.5	-5.449	ug/L	6.7219	-5.449	ug/L	6.7219	123.36%
Sr 421.552†	1059458.6	1243	ug/L	6.7	1243	ug/L	6.7	0.54%
Tl 190.801†	-10.9	-7.246	ug/L	7.1461	-7.246	ug/L	7.1461	98.63%
Zn 206.200†	333.8	28.23	ug/L	0.283	28.23	ug/L	0.283	1.00%
Ti 334.940†	-2123.2	-2.488	ug/L	0.1832	-2.488	ug/L	0.1832	7.36%
B 249.772†	5780.5	99.69	ug/L	0.563	99.69	ug/L	0.563	0.56%
Cu 324.752†	6650.5	22.32	ug/L	0.185	22.32	ug/L	0.185	0.83%
S 181.975†	4749.9	18380	ug/L	26.8	18380	ug/L	26.8	0.15%
Zr 343.823†	99.6	-0.121	ug/L	0.0945	-0.121	ug/L	0.0945	77.81%

Sequence No.: 51
Sample ID: 220-12127-a-1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 73
Date Collected: 5/10/2010 3:26:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12127-a-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	985007.3	0.932	mg/L	0.0015				0.16%
Y (radial)	92298.8	0.963	mg/L	0.0290				3.01%
Ag 328.068†	36.9	0.213	ug/L	0.0252	0.213	ug/L	0.0252	11.82%
Al 396.153†	-497.8	-47.21	ug/L	1.863	-47.21	ug/L	1.863	3.95%
As 188.979†	14.0	11.11	ug/L	4.303	11.11	ug/L	4.303	38.75%
Ba 233.527†	112787.0	1543	ug/L	3.2	1543	ug/L	3.2	0.21%
Be 313.107†	-269.1	-0.148	ug/L	0.0176	-0.148	ug/L	0.0176	11.89%
Ca 317.933†	893128.8	90850	ug/L	2917.2	90850	ug/L	2917.2	3.21%
Cd 214.440†	-53.8	-1.122	ug/L	0.3481	-1.122	ug/L	0.3481	31.02%
Co 228.616†	-30.3	-1.548	ug/L	0.1731	-1.548	ug/L	0.1731	11.18%
Cr 267.716†	-9.6	-0.225	ug/L	0.2257	-0.225	ug/L	0.2257	100.21%
Fe 238.204†	188.0	63.72	ug/L	0.234	63.72	ug/L	0.234	0.37%
K 766.490†	60841.9	6375	ug/L	15.2	6375	ug/L	15.2	0.24%
Mg 285.213†	291300.9	24570	ug/L	16.8	24570	ug/L	16.8	0.07%
Mn 257.610†	12862.3	23.24	ug/L	0.063	23.24	ug/L	0.063	0.27%
Mo 202.031†	-143.5	-29.82	ug/L	0.205	-29.82	ug/L	0.205	0.69%
Na 589.592†	1072059.4	82360	ug/L	2685.1	82360	ug/L	2685.1	3.26%
Ni 231.604†	16.9	1.694	ug/L	0.5096	1.694	ug/L	0.5096	30.09%
Pb 220.353†	-10.6	-4.697	ug/L	4.1022	-4.697	ug/L	4.1022	87.34%
Sb 206.836†	-0.5	-0.581	ug/L	1.1387	-0.581	ug/L	1.1387	196.07%
Se 196.026†	-24.6	-38.44	ug/L	20.884	-38.44	ug/L	20.884	54.33%
V 311.071†	426.7	1.252	ug/L	0.1293	1.252	ug/L	0.1293	10.33%
Sn 189.927†	-18.4	-8.670	ug/L	9.0563	-8.670	ug/L	9.0563	104.45%
Sr 421.552†	7871355.9	9238	ug/L	212.1	9238	ug/L	212.1	2.30%
Tl 190.801†	-15.9	-11.00	ug/L	5.695	-11.00	ug/L	5.695	51.79%
Zn 206.200†	39.3	3.319	ug/L	0.0800	3.319	ug/L	0.0800	2.41%
Ti 334.940†	-1870.3	-2.192	ug/L	0.1134	-2.192	ug/L	0.1134	5.17%
B 249.772†	28823.9	653.2	ug/L	0.35	653.2	ug/L	0.35	0.05%
Cu 324.752†	4751.1	15.17	ug/L	0.084	15.17	ug/L	0.084	0.55%
S 181.975†	892.9	3648	ug/L	7.7	3648	ug/L	7.7	0.21%
Zr 343.823†	-2.6	-0.011	ug/L	0.1228	-0.011	ug/L	0.1228	>999.9%

Sequence No.: 52
Sample ID: 220-12126-b-12-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 74
Date Collected: 5/10/2010 3:30:19 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-12-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1003105.7	0.949	mg/L	0.0095				1.00%
Y (radial)	92954.9	0.969	mg/L	0.0088				0.90%
Ag 328.068†	75.9	0.428	ug/L	0.1717	0.428	ug/L	0.1717	40.09%
Al 396.153†	-10.9	-0.987	ug/L	22.6884	-0.987	ug/L	22.6884	>999.9%
As 188.979†	3.5	2.778	ug/L	7.0660	2.778	ug/L	7.0660	254.33%
Ba 233.527†	6597.5	90.29	ug/L	1.367	90.29	ug/L	1.367	1.51%
Be 313.107†	-217.3	-0.113	ug/L	0.0006	-0.113	ug/L	0.0006	0.50%
Ca 317.933†	657922.3	66930	ug/L	164.0	66930	ug/L	164.0	0.25%
Cd 214.440†	-31.0	-0.647	ug/L	0.0152	-0.647	ug/L	0.0152	2.34%
Co 228.616†	-10.6	-0.533	ug/L	0.7560	-0.533	ug/L	0.7560	141.94%
Cr 267.716†	-15.2	-0.361	ug/L	0.2033	-0.361	ug/L	0.2033	56.35%
Fe 238.204†	198.0	67.11	ug/L	3.201	67.11	ug/L	3.201	4.77%
K 766.490†	28382.2	2974	ug/L	9.5	2974	ug/L	9.5	0.32%
Mg 285.213†	101085.7	8528	ug/L	5.2	8528	ug/L	5.2	0.06%
Mn 257.610†	4373.3	7.896	ug/L	0.0658	7.896	ug/L	0.0658	0.83%
Mo 202.031†	-9.2	-1.901	ug/L	0.7829	-1.901	ug/L	0.7829	41.20%
Na 589.592†	112160.0	8616	ug/L	30.1	8616	ug/L	30.1	0.35%

Ni 231.604†	-9.9	-0.990 ug/L	0.5142	-0.990 ug/L	0.5142	51.96%
Pb 220.353†	-15.9	-6.876 ug/L	1.8929	-6.876 ug/L	1.8929	27.53%
Sb 206.836†	-13.9	-8.822 ug/L	1.4089	-8.822 ug/L	1.4089	15.97%
Se 196.026†	-11.9	-18.50 ug/L	8.806	-18.50 ug/L	8.806	47.61%
V 311.071†	165.5	0.494 ug/L	0.1102	0.494 ug/L	0.1102	22.33%
Sn 189.927†	-11.6	-5.472 ug/L	3.3563	-5.472 ug/L	3.3563	61.34%
Sr 421.552†	104514.9	122.7 ug/L	0.05	122.7 ug/L	0.05	0.04%
Tl 190.801†	-10.0	-6.950 ug/L	9.8947	-6.950 ug/L	9.8947	142.38%
Zn 206.200†	3.8	0.322 ug/L	0.7907	0.322 ug/L	0.7907	245.83%
Ti 334.940†	-148.8	-0.174 ug/L	0.7006	-0.174 ug/L	0.7006	401.86%
B 249.772†	959.7	21.46 ug/L	1.249	21.46 ug/L	1.249	5.82%
Cu 324.752†	360.9	1.162 ug/L	0.1939	1.162 ug/L	0.1939	16.69%
S 181.975†	3178.2	12200 ug/L	124.9	12200 ug/L	124.9	1.02%
Zr 343.823†	-46.4	-0.133 ug/L	0.0335	-0.133 ug/L	0.0335	25.22%

Sequence No.: 53
Sample ID: 220-12126-b-13-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 5/10/2010 3:33:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-13-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	985343.8	0.932	mg/L	0.0002				0.02%
Y (radial)	92942.8	0.969	mg/L	0.0153				1.57%
Ag 328.068†	71.7	0.412	ug/L	0.0397	0.412	ug/L	0.0397	9.65%
Al 396.153†	670.5	65.23	ug/L	5.791	65.23	ug/L	5.791	8.88%
As 188.979†	13.2	10.38	ug/L	3.847	10.38	ug/L	3.847	37.05%
Ba 233.527†	9445.3	129.3	ug/L	0.07	129.3	ug/L	0.07	0.06%
Be 313.107†	-297.6	-0.147	ug/L	0.0154	-0.147	ug/L	0.0154	10.45%
Ca 317.933†	89639.6	9119	ug/L	9.6	9119	ug/L	9.6	0.10%
Cd 214.440†	-4.9	-0.108	ug/L	0.0905	-0.108	ug/L	0.0905	83.93%
Co 228.616†	-9.0	-0.463	ug/L	0.2436	-0.463	ug/L	0.2436	52.66%
Cr 267.716†	-1.6	-0.034	ug/L	0.1343	-0.034	ug/L	0.1343	400.01%
Fe 238.204†	491.8	166.7	ug/L	2.93	166.7	ug/L	2.93	1.76%
K 766.490†	60353.4	6323	ug/L	30.6	6323	ug/L	30.6	0.48%
Mg 285.213†	16462.6	1389	ug/L	1.5	1389	ug/L	1.5	0.11%
Mn 257.610†	4636.6	8.712	ug/L	0.0632	8.712	ug/L	0.0632	0.73%
Mo 202.031†	-10.7	-2.218	ug/L	0.5839	-2.218	ug/L	0.5839	26.33%
Na 589.592†	2677669.9	205700	ug/L	4113.3	205700	ug/L	4113.3	2.00%
Ni 231.604†	2.5	0.254	ug/L	0.6041	0.254	ug/L	0.6041	238.11%
Pb 220.353†	-3.5	-1.554	ug/L	0.5145	-1.554	ug/L	0.5145	33.10%
Sb 206.836†	-1.9	-1.191	ug/L	2.1408	-1.191	ug/L	2.1408	179.68%
Se 196.026†	-7.9	-12.18	ug/L	17.397	-12.18	ug/L	17.397	142.85%
V 311.071†	211.8	0.772	ug/L	0.3630	0.772	ug/L	0.3630	47.04%
Sn 189.927†	-9.6	-4.502	ug/L	4.2557	-4.502	ug/L	4.2557	94.53%
Sr 421.552†	241588.3	283.5	ug/L	5.95	283.5	ug/L	5.95	2.10%
Tl 190.801†	9.9	6.880	ug/L	3.1372	6.880	ug/L	3.1372	45.60%
Zn 206.200†	116.5	9.855	ug/L	0.6091	9.855	ug/L	0.6091	6.18%
Ti 334.940†	1413.3	1.656	ug/L	0.0120	1.656	ug/L	0.0120	0.73%
B 249.772†	16167.7	365.8	ug/L	0.99	365.8	ug/L	0.99	0.27%
Cu 324.752†	3609.3	11.54	ug/L	0.245	11.54	ug/L	0.245	2.12%
S 181.975†	6724.4	25650	ug/L	21.1	25650	ug/L	21.1	0.08%
Zr 343.823†	151.7	0.413	ug/L	0.0578	0.413	ug/L	0.0578	14.00%

Sequence No.: 54
Sample ID: 220-12126-b-14-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 76
Date Collected: 5/10/2010 3:36:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12126-b-14-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	992956.6	0.939	mg/L	0.0032				0.34%
Y (radial)	92817.4	0.968	mg/L	0.0030				0.31%
Ag 328.068†	63.1	0.353	ug/L	0.0057	0.353	ug/L	0.0057	1.61%

Al 396.153†	-461.9	-44.80 ug/L	0.162	-44.80 ug/L	0.162	0.36%
As 188.979†	4.2	3.278 ug/L	0.9493	3.278 ug/L	0.9493	28.96%
Ba 233.527†	18657.2	255.3 ug/L	0.05	255.3 ug/L	0.05	0.02%
Be 313.107†	-289.2	-0.152 ug/L	0.0253	-0.152 ug/L	0.0253	16.63%
Ca 317.933†	188510.8	19180 ug/L	3.1	19180 ug/L	3.1	0.02%
Cd 214.440†	-15.9	-0.331 ug/L	0.1407	-0.331 ug/L	0.1407	42.56%
Co 228.616†	-13.7	-0.686 ug/L	0.1477	-0.686 ug/L	0.1477	21.55%
Cr 267.716†	-12.9	-0.306 ug/L	0.3031	-0.306 ug/L	0.3031	98.93%
Fe 238.204†	18.2	6.163 ug/L	0.7104	6.163 ug/L	0.7104	11.53%
K 766.490†	41475.3	4345 ug/L	13.4	4345 ug/L	13.4	0.31%
Mg 285.213†	52231.9	4406 ug/L	3.5	4406 ug/L	3.5	0.08%
Mn 257.610†	2104.1	3.785 ug/L	0.0012	3.785 ug/L	0.0012	0.03%
Mo 202.031†	-9.8	-2.038 ug/L	2.0188	-2.038 ug/L	2.0188	99.07%
Na 589.592†	2228098.8	171200 ug/L	573.1	171200 ug/L	573.1	0.33%
Ni 231.604†	3.3	0.335 ug/L	1.2946	0.335 ug/L	1.2946	386.98%
Pb 220.353†	-3.6	-1.581 ug/L	4.7379	-1.581 ug/L	4.7379	299.68%
Sb 206.836†	-8.5	-5.393 ug/L	0.9100	-5.393 ug/L	0.9100	16.87%
Se 196.026†	-14.5	-22.62 ug/L	13.431	-22.62 ug/L	13.431	59.39%
V 311.071†	124.7	0.414 ug/L	0.1139	0.414 ug/L	0.1139	27.53%
Sn 189.927†	-11.7	-5.507 ug/L	4.5924	-5.507 ug/L	4.5924	83.38%
Sr 421.552†	610097.1	716.1 ug/L	4.28	716.1 ug/L	4.28	0.60%
Tl 190.801†	0.6	0.415 ug/L	1.8187	0.415 ug/L	1.8187	438.39%
Zn 206.200†	38.7	3.272 ug/L	0.2299	3.272 ug/L	0.2299	7.02%
Ti 334.940†	-536.7	-0.629 ug/L	0.0634	-0.629 ug/L	0.0634	10.08%
B 249.772†	27600.9	625.7 ug/L	0.63	625.7 ug/L	0.63	0.10%
Cu 324.752†	1878.4	5.993 ug/L	0.1142	5.993 ug/L	0.1142	1.91%
S 181.975†	2929.8	11210 ug/L	8.5	11210 ug/L	8.5	0.08%
Zr 343.823†	-22.9	-0.064 ug/L	0.0757	-0.064 ug/L	0.0757	117.97%

Sequence No.: 55
Sample ID: 220-12151-a-2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 77
Date Collected: 5/10/2010 3:40:00 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12151-a-2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	997394.8	0.943	mg/L	0.0044				0.47%
Y (radial)	91562.7	0.955	mg/L	0.0050				0.52%
Ag 328.068†	53.7	0.303	ug/L	0.0078	0.303	ug/L	0.0078	2.58%
Al 396.153†	-419.4	-40.64	ug/L	6.819	-40.64	ug/L	6.819	16.78%
As 188.979†	3.1	2.434	ug/L	6.9146	2.434	ug/L	6.9146	284.11%
Ba 233.527†	22756.9	311.4	ug/L	1.29	311.4	ug/L	1.29	0.41%
Be 313.107†	-239.0	-0.134	ug/L	0.0153	-0.134	ug/L	0.0153	11.35%
Ca 317.933†	1047667.4	106600	ug/L	861.0	106600	ug/L	861.0	0.81%
Cd 214.440†	-40.9	-0.851	ug/L	0.4412	-0.851	ug/L	0.4412	51.84%
Co 228.616†	-8.6	-0.427	ug/L	0.3997	-0.427	ug/L	0.3997	93.68%
Cr 267.716†	-22.6	-0.539	ug/L	0.1884	-0.539	ug/L	0.1884	34.97%
Fe 238.204†	36.9	12.49	ug/L	2.921	12.49	ug/L	2.921	23.39%
K 766.490†	23975.8	2512	ug/L	10.4	2512	ug/L	10.4	0.41%
Mg 285.213†	188364.2	15890	ug/L	12.9	15890	ug/L	12.9	0.08%
Mn 257.610†	199.3	-0.332	ug/L	0.0002	-0.332	ug/L	0.0002	0.05%
Mo 202.031†	-13.4	-2.789	ug/L	0.7968	-2.789	ug/L	0.7968	28.57%
Na 589.592†	709209.2	54480	ug/L	406.2	54480	ug/L	406.2	0.75%
Ni 231.604†	-2.0	-0.201	ug/L	0.2401	-0.201	ug/L	0.2401	119.61%
Pb 220.353†	-7.1	-3.088	ug/L	1.4082	-3.088	ug/L	1.4082	45.60%
Sb 206.836†	-3.9	-2.475	ug/L	10.0820	-2.475	ug/L	10.0820	407.39%
Se 196.026†	-25.9	-40.40	ug/L	4.522	-40.40	ug/L	4.522	11.19%
V 311.071†	297.5	0.907	ug/L	0.7472	0.907	ug/L	0.7472	82.36%
Sn 189.927†	-10.3	-4.853	ug/L	10.5719	-4.853	ug/L	10.5719	217.82%
Sr 421.552†	481828.8	565.5	ug/L	4.83	565.5	ug/L	4.83	0.85%
Tl 190.801†	-6.3	-4.371	ug/L	1.5852	-4.371	ug/L	1.5852	36.26%
Zn 206.200†	314.4	26.58	ug/L	0.969	26.58	ug/L	0.969	3.65%
Ti 334.940†	-2202.7	-2.582	ug/L	0.1231	-2.582	ug/L	0.1231	4.77%
B 249.772†	3438.5	77.90	ug/L	0.560	77.90	ug/L	0.560	0.72%
Cu 324.752†	14123.6	45.06	ug/L	0.162	45.06	ug/L	0.162	0.36%
S 181.975†	3582.6	13820	ug/L	140.3	13820	ug/L	140.3	1.02%
Zr 343.823†	-73.2	-0.205	ug/L	0.0393	-0.205	ug/L	0.0393	19.22%

Sequence No.: 56
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 3:43:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	996354.8	0.942	mg/L	0.0023				0.25%
Y (radial)	93561.5	0.976	mg/L	0.0032				0.33%
Ag 328.068†	52855.6	295.3	ug/L	0.90	295.3	ug/L	0.90	0.31%
QC value within limits for Ag 328.068 Recovery = 98.43%								
Al 396.153†	52909.5	5120	ug/L	10.8	5120	ug/L	10.8	0.21%
QC value within limits for Al 396.153 Recovery = 96.61%								
As 188.979†	380.1	298.4	ug/L	4.52	298.4	ug/L	4.52	1.51%
QC value within limits for As 188.979 Recovery = 99.48%								
Ba 233.527†	22364.2	306.6	ug/L	0.13	306.6	ug/L	0.13	0.04%
QC value within limits for Ba 233.527 Recovery = 102.19%								
Be 313.107†	584241.9	304.7	ug/L	0.59	304.7	ug/L	0.59	0.19%
QC value within limits for Be 313.107 Recovery = 101.57%								
Ca 317.933†	171146.9	17410	ug/L	12.1	17410	ug/L	12.1	0.07%
QC value within limits for Ca 317.933 Recovery = 92.85%								
Cd 214.440†	14807.2	308.0	ug/L	0.01	308.0	ug/L	0.01	0.00%
QC value within limits for Cd 214.440 Recovery = 102.66%								
Co 228.616†	6549.5	326.9	ug/L	0.52	326.9	ug/L	0.52	0.16%
QC value within limits for Co 228.616 Recovery = 108.98%								
Cr 267.716†	13037.9	311.3	ug/L	0.01	311.3	ug/L	0.01	0.00%
QC value within limits for Cr 267.716 Recovery = 103.78%								
Fe 238.204†	14683.7	4983	ug/L	14.9	4983	ug/L	14.9	0.30%
QC value within limits for Fe 238.204 Recovery = 99.66%								
K 766.490†	367290.7	38480	ug/L	551.8	38480	ug/L	551.8	1.43%
QC value within limits for K 766.490 Recovery = 96.21%								
Mg 285.213†	212589.8	17940	ug/L	13.1	17940	ug/L	13.1	0.07%
QC value within limits for Mg 285.213 Recovery = 95.67%								
Mn 257.610†	159626.7	301.3	ug/L	0.89	301.3	ug/L	0.89	0.30%
QC value within limits for Mn 257.610 Recovery = 100.43%								
Mo 202.031†	2463.5	512.1	ug/L	4.32	512.1	ug/L	4.32	0.84%
QC value within limits for Mo 202.031 Recovery = 102.42%								
Na 589.592†	486715.5	37390	ug/L	705.9	37390	ug/L	705.9	1.89%
QC value within limits for Na 589.592 Recovery = 93.48%								
Ni 231.604†	3226.7	324.2	ug/L	0.22	324.2	ug/L	0.22	0.07%
QC value within limits for Ni 231.604 Recovery = 108.05%								
Pb 220.353†	707.5	307.6	ug/L	0.73	307.6	ug/L	0.73	0.24%
QC value within limits for Pb 220.353 Recovery = 102.54%								
Sb 206.836†	445.4	282.5	ug/L	2.76	282.5	ug/L	2.76	0.98%
QC value within limits for Sb 206.836 Recovery = 94.17%								
Se 196.026†	178.8	282.7	ug/L	44.75	282.7	ug/L	44.75	15.83%
QC value within limits for Se 196.026 Recovery = 94.23%								
V 311.071†	78563.4	297.0	ug/L	0.44	297.0	ug/L	0.44	0.15%
QC value within limits for V 311.071 Recovery = 99.01%								
Sn 189.927†	1079.2	511.7	ug/L	3.77	511.7	ug/L	3.77	0.74%
QC value within limits for Sn 189.927 Recovery = 102.35%								
Sr 421.552†	416310.6	488.6	ug/L	7.88	488.6	ug/L	7.88	1.61%
QC value within limits for Sr 421.552 Recovery = 97.72%								
Tl 190.801†	448.0	316.2	ug/L	3.62	316.2	ug/L	3.62	1.15%
QC value within limits for Tl 190.801 Recovery = 105.41%								
Zn 206.200†	3735.5	318.5	ug/L	0.20	318.5	ug/L	0.20	0.06%
QC value within limits for Zn 206.200 Recovery = 106.18%								
Ti 334.940†	436652.5	511.8	ug/L	0.79	511.8	ug/L	0.79	0.16%
QC value within limits for Ti 334.940 Recovery = 102.35%								
B 249.772†	22106.7	479.5	ug/L	0.86	479.5	ug/L	0.86	0.18%
QC value within limits for B 249.772 Recovery = 95.90%								
Cu 324.752†	99348.4	317.7	ug/L	0.25	317.7	ug/L	0.25	0.08%
QC value within limits for Cu 324.752 Recovery = 105.90%								
S 181.975†	2540.0	9863	ug/L	106.8	9863	ug/L	106.8	1.08%
QC value within limits for S 181.975 Recovery = 98.63%								
Zr 343.823†	109570.8	304.7	ug/L	0.05	304.7	ug/L	0.05	0.02%
QC value within limits for Zr 343.823 Recovery = 101.58%								

All analyte(s) passed QC.

Sequence No.: 57
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 3:46:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1064135.9	1.006	mg/L	0.0015				0.15%
Y (radial)	92548.4	0.965	mg/L	0.0015				0.16%
Ag 328.068†	134.3	0.745	ug/L	0.0333	0.745	ug/L	0.0333	4.48%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-9.4	-0.916	ug/L	10.4322	-0.916	ug/L	10.4322	>999.9%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-3.5	-2.716	ug/L	1.0365	-2.716	ug/L	1.0365	38.17%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	18.8	0.255	ug/L	0.1326	0.255	ug/L	0.1326	52.06%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	49.9	0.026	ug/L	0.0003	0.026	ug/L	0.0003	1.14%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	50.1	5.101	ug/L	0.5555	5.101	ug/L	0.5555	10.89%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-4.2	-0.088	ug/L	0.1022	-0.088	ug/L	0.1022	116.70%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	0.3	0.013	ug/L	0.0809	0.013	ug/L	0.0809	630.81%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	9.4	0.222	ug/L	0.1940	0.222	ug/L	0.1940	87.45%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	-4.8	-1.630	ug/L	0.3386	-1.630	ug/L	0.3386	20.77%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	143.5	15.03	ug/L	2.049	15.03	ug/L	2.049	13.63%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	16.8	1.414	ug/L	0.3497	1.414	ug/L	0.3497	24.73%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	-5.6	-0.011	ug/L	0.0084	-0.011	ug/L	0.0084	78.34%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	0.2	0.051	ug/L	0.8170	0.051	ug/L	0.8170	>999.9%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	412.1	31.66	ug/L	6.201	31.66	ug/L	6.201	19.59%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-3.7	-0.370	ug/L	0.9188	-0.370	ug/L	0.9188	248.52%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-2.3	-0.990	ug/L	2.3418	-0.990	ug/L	2.3418	236.46%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	1.3	0.819	ug/L	1.1581	0.819	ug/L	1.1581	141.33%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-1.2	-1.923	ug/L	9.0782	-1.923	ug/L	9.0782	472.10%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-337.8	-1.307	ug/L	0.2531	-1.307	ug/L	0.2531	19.36%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	7.6	3.592	ug/L	3.5218	3.592	ug/L	3.5218	98.06%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	40.0	0.047	ug/L	0.0334	0.047	ug/L	0.0334	71.29%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	2.4	1.647	ug/L	0.7391	1.647	ug/L	0.7391	44.89%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-1.5	-0.123	ug/L	0.0476	-0.123	ug/L	0.0476	38.83%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	125.6	0.147	ug/L	0.0311	0.147	ug/L	0.0311	21.13%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	254.7	5.781	ug/L	0.5368	5.781	ug/L	0.5368	9.28%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	81.8	0.261	ug/L	0.2832	0.261	ug/L	0.2832	108.65%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	6.7	25.65	ug/L	10.952	25.65	ug/L	10.952	42.69%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	15.1	0.042	ug/L	0.0274	0.042	ug/L	0.0274	64.95%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 58 **Autosampler Location: 78**
Sample ID: 220-12151-a-3-a **Date Collected: 5/10/2010 3:49:52 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12151-a-3-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	949661.3	0.898	mg/L	0.0055				0.62%
Y (radial)	90573.1	0.945	mg/L	0.0056				0.59%
Ag 328.068†	28.3	0.171	ug/L	0.0683	0.171	ug/L	0.0683	39.90%
Al 396.153†	1466.6	143.2	ug/L	16.17	143.2	ug/L	16.17	11.29%
As 188.979†	10.9	8.681	ug/L	5.5288	8.681	ug/L	5.5288	63.69%
Ba 233.527†	290895.7	3981	ug/L	2.7	3981	ug/L	2.7	0.07%
Be 313.107†	-464.2	-0.222	ug/L	0.0280	-0.222	ug/L	0.0280	12.66%
Ca 317.933†	254919.0	25930	ug/L	43.2	25930	ug/L	43.2	0.17%
Cd 214.440†	-6.0	-0.130	ug/L	0.1349	-0.130	ug/L	0.1349	103.92%
Co 228.616†	-100.3	-5.054	ug/L	0.3561	-5.054	ug/L	0.3561	7.05%
Cr 267.716†	17.2	0.416	ug/L	0.2733	0.416	ug/L	0.2733	65.75%
Fe 238.204†	535.6	181.5	ug/L	2.48	181.5	ug/L	2.48	1.37%
K 766.490†	87436.6	9161	ug/L	45.2	9161	ug/L	45.2	0.49%
Mg 285.213†	23220.7	1959	ug/L	4.3	1959	ug/L	4.3	0.22%
Mn 257.610†	31153.9	58.87	ug/L	0.043	58.87	ug/L	0.043	0.07%
Mo 202.031†	-86.4	-17.96	ug/L	0.473	-17.96	ug/L	0.473	2.63%
Na 589.592†	7431664.9	570900	ug/L	4924.9	570900	ug/L	4924.9	0.86%
Ni 231.604†	1.7	0.164	ug/L	1.0720	0.164	ug/L	1.0720	655.47%
Pb 220.353†	4.3	1.812	ug/L	4.7296	1.812	ug/L	4.7296	261.00%
Sb 206.836†	5.5	3.279	ug/L	0.8598	3.279	ug/L	0.8598	26.22%
Se 196.026†	-18.6	-28.91	ug/L	10.633	-28.91	ug/L	10.633	36.78%
V 311.071†	244.5	0.852	ug/L	0.0339	0.852	ug/L	0.0339	3.97%
Sn 189.927†	1.2	0.585	ug/L	7.0705	0.585	ug/L	7.0705	>999.9%
Sr 421.552†	4910776.9	5764	ug/L	54.0	5764	ug/L	54.0	0.94%
Tl 190.801†	-3.2	-2.122	ug/L	6.8538	-2.122	ug/L	6.8538	322.96%
Zn 206.200†	159.0	13.45	ug/L	0.295	13.45	ug/L	0.295	2.20%
Ti 334.940†	3943.8	4.622	ug/L	1.4753	4.622	ug/L	1.4753	31.92%
B 249.772†	26728.2	605.1	ug/L	0.73	605.1	ug/L	0.73	0.12%
Cu 324.752†	3354.7	10.73	ug/L	0.016	10.73	ug/L	0.016	0.15%
S 181.975†	44.0	187.2	ug/L	53.00	187.2	ug/L	53.00	28.31%
Zr 343.823†	230.1	0.631	ug/L	0.0333	0.631	ug/L	0.0333	5.28%

Sequence No.: 59 **Autosampler Location: 79**
Sample ID: 220-12151-a-4-a **Date Collected: 5/10/2010 3:53:35 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12151-a-4-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1010378.1	0.956	mg/L	0.0016				0.17%
Y (radial)	91993.7	0.959	mg/L	0.0046				0.48%
Ag 328.068†	52.0	0.302	ug/L	0.1602	0.302	ug/L	0.1602	53.07%
Al 396.153†	294.6	28.86	ug/L	17.635	28.86	ug/L	17.635	61.11%
As 188.979†	8.0	6.289	ug/L	8.5182	6.289	ug/L	8.5182	135.44%
Ba 233.527†	182765.5	2501	ug/L	1.6	2501	ug/L	1.6	0.06%
Be 313.107†	-220.3	-0.115	ug/L	0.0289	-0.115	ug/L	0.0289	25.21%
Ca 317.933†	920751.6	93660	ug/L	154.8	93660	ug/L	154.8	0.17%
Cd 214.440†	-25.1	-0.527	ug/L	0.0451	-0.527	ug/L	0.0451	8.55%
Co 228.616†	-51.3	-2.578	ug/L	0.5510	-2.578	ug/L	0.5510	21.37%
Cr 267.716†	12.5	0.302	ug/L	0.1116	0.302	ug/L	0.1116	36.97%
Fe 238.204†	486.4	164.9	ug/L	0.53	164.9	ug/L	0.53	0.32%
K 766.490†	25494.1	2671	ug/L	15.0	2671	ug/L	15.0	0.56%
Mg 285.213†	141372.6	11930	ug/L	17.8	11930	ug/L	17.8	0.15%
Mn 257.610†	141720.9	267.7	ug/L	0.22	267.7	ug/L	0.22	0.08%
Mo 202.031†	-29.6	-6.144	ug/L	0.4429	-6.144	ug/L	0.4429	7.21%

Na 589.592†	436558.9	33540	ug/L	41.5	33540	ug/L	41.5	0.12%
Ni 231.604†	4.5	0.446	ug/L	1.0019	0.446	ug/L	1.0019	224.52%
Pb 220.353†	-8.5	-3.729	ug/L	2.6299	-3.729	ug/L	2.6299	70.52%
Sb 206.836†	-8.6	-5.515	ug/L	4.7891	-5.515	ug/L	4.7891	86.84%
Se 196.026†	-26.7	-41.60	ug/L	4.600	-41.60	ug/L	4.600	11.06%
V 311.071†	198.9	0.562	ug/L	0.3794	0.562	ug/L	0.3794	67.46%
Sn 189.927†	-7.1	-3.367	ug/L	7.4823	-3.367	ug/L	7.4823	222.25%
Sr 421.552†	1534626.1	1801	ug/L	2.5	1801	ug/L	2.5	0.14%
Tl 190.801†	-14.7	-10.17	ug/L	2.958	-10.17	ug/L	2.958	29.10%
Zn 206.200†	2995.9	253.4	ug/L	4.06	253.4	ug/L	4.06	1.60%
Ti 334.940†	-132.8	-0.156	ug/L	0.0102	-0.156	ug/L	0.0102	6.58%
B 249.772†	3014.4	67.62	ug/L	1.559	67.62	ug/L	1.559	2.31%
Cu 324.752†	4386.7	14.02	ug/L	0.251	14.02	ug/L	0.251	1.79%
S 181.975†	1567.4	6095	ug/L	62.5	6095	ug/L	62.5	1.02%
Zr 343.823†	90.2	0.242	ug/L	0.0345	0.242	ug/L	0.0345	14.25%

Sequence No.: 60
Sample ID: 220-12151-a-5-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 80
Date Collected: 5/10/2010 3:56:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12151-a-5-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1021921.7	0.967	mg/L	0.0044				0.45%
Y (radial)	95634.1	0.997	mg/L	0.0039				0.40%
Ag 328.068†	43.7	0.248	ug/L	0.0135	0.248	ug/L	0.0135	5.43%
Al 396.153†	-512.9	-49.60	ug/L	6.922	-49.60	ug/L	6.922	13.96%
As 188.979†	5.3	4.183	ug/L	8.1909	4.183	ug/L	8.1909	195.83%
Ba 233.527†	71929.5	984.3	ug/L	0.03	984.3	ug/L	0.03	0.00%
Be 313.107†	-247.7	-0.137	ug/L	0.0080	-0.137	ug/L	0.0080	5.83%
Ca 317.933†	885381.4	90060	ug/L	2545.3	90060	ug/L	2545.3	2.83%
Cd 214.440†	-40.1	-0.837	ug/L	0.1688	-0.837	ug/L	0.1688	20.17%
Co 228.616†	-19.8	-0.996	ug/L	0.0979	-0.996	ug/L	0.0979	9.82%
Cr 267.716†	-14.9	-0.354	ug/L	0.4355	-0.354	ug/L	0.4355	122.93%
Fe 238.204†	113.5	38.47	ug/L	1.050	38.47	ug/L	1.050	2.73%
K 766.490†	26046.2	2729	ug/L	19.4	2729	ug/L	19.4	0.71%
Mg 285.213†	152945.2	12900	ug/L	10.3	12900	ug/L	10.3	0.08%
Mn 257.610†	40740.7	76.52	ug/L	0.040	76.52	ug/L	0.040	0.05%
Mo 202.031†	-27.5	-5.716	ug/L	0.3001	-5.716	ug/L	0.3001	5.25%
Na 589.592†	880255.5	67620	ug/L	2039.2	67620	ug/L	2039.2	3.02%
Ni 231.604†	5.3	0.533	ug/L	0.0469	0.533	ug/L	0.0469	8.81%
Pb 220.353†	-9.9	-4.330	ug/L	1.7674	-4.330	ug/L	1.7674	40.82%
Sb 206.836†	-13.3	-8.452	ug/L	0.3328	-8.452	ug/L	0.3328	3.94%
Se 196.026†	-19.3	-30.04	ug/L	2.081	-30.04	ug/L	2.081	6.93%
V 311.071†	211.4	0.620	ug/L	0.1439	0.620	ug/L	0.1439	23.23%
Sn 189.927†	-10.5	-4.975	ug/L	1.7046	-4.975	ug/L	1.7046	34.26%
Sr 421.552†	1304927.2	1532	ug/L	43.3	1532	ug/L	43.3	2.83%
Tl 190.801†	-9.6	-6.672	ug/L	0.5953	-6.672	ug/L	0.5953	8.92%
Zn 206.200†	132.5	11.21	ug/L	0.269	11.21	ug/L	0.269	2.40%
Ti 334.940†	-1799.5	-2.109	ug/L	0.0263	-2.109	ug/L	0.0263	1.25%
B 249.772†	4229.5	95.72	ug/L	0.090	95.72	ug/L	0.090	0.09%
Cu 324.752†	2029.5	6.480	ug/L	0.1012	6.480	ug/L	0.1012	1.56%
S 181.975†	1527.3	5951	ug/L	67.1	5951	ug/L	67.1	1.13%
Zr 343.823†	-53.6	-0.151	ug/L	0.0489	-0.151	ug/L	0.0489	32.31%

Sequence No.: 61
Sample ID: 220-12151-a-6-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 81
Date Collected: 5/10/2010 4:00:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12151-a-6-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1015347.6	0.960	mg/L	0.0166				1.73%
Y (radial)	91290.6	0.952	mg/L	0.0131				1.38%

Ag 328.068†	71.9	0.577	ug/L	0.0336	0.577	ug/L	0.0336 5.82%
Al 396.153†	-144.8	-13.96	ug/L	8.797	-13.96	ug/L	8.797 63.00%
As 188.979†	-10.3	-7.788	ug/L	5.4133	-7.788	ug/L	5.4133 69.51%
Ba 233.527†	27414.4	375.1	ug/L	0.42	375.1	ug/L	0.42 0.11%
Be 313.107†	-99.1	-0.053	ug/L	0.0324	-0.053	ug/L	0.0324 61.17%
Ca 317.933†	186626.9	18980	ug/L	91.0	18980	ug/L	91.0 0.48%
Cd 214.440†	-28.4	-0.678	ug/L	0.1766	-0.678	ug/L	0.1766 26.04%
Co 228.616†	3.3	0.075	ug/L	0.0783	0.075	ug/L	0.0783 104.69%
Cr 267.716†	-14.6	-0.285	ug/L	0.2382	-0.285	ug/L	0.2382 83.62%
Fe 238.204†	8278.3	2806	ug/L	9.0	2806	ug/L	9.0 0.32%
K 766.490†	15445.8	1618	ug/L	12.8	1618	ug/L	12.8 0.79%
Mg 285.213†	67914.4	5732	ug/L	18.6	5732	ug/L	18.6 0.33%
Mn 257.610†	153562.3	290.4	ug/L	0.09	290.4	ug/L	0.09 0.03%
Mo 202.031†	-13.4	-2.667	ug/L	1.6187	-2.667	ug/L	1.6187 60.68%
Na 589.592†	200955.6	15440	ug/L	143.4	15440	ug/L	143.4 0.93%
Ni 231.604†	26.3	2.637	ug/L	0.7678	2.637	ug/L	0.7678 29.11%
Pb 220.353†	-5.4	-2.706	ug/L	2.2511	-2.706	ug/L	2.2511 83.20%
Sb 206.836†	-8.2	-5.222	ug/L	1.0337	-5.222	ug/L	1.0337 19.80%
Se 196.026†	-14.2	-20.48	ug/L	0.464	-20.48	ug/L	0.464 2.26%
V 311.071†	15.8	-0.087	ug/L	0.8676	-0.087	ug/L	0.8676 996.10%
Sn 189.927†	-5.3	-2.481	ug/L	5.0542	-2.481	ug/L	5.0542 203.75%
Sr 421.552†	212988.5	250.0	ug/L	1.92	250.0	ug/L	1.92 0.77%
Tl 190.801†	-6.4	-4.322	ug/L	0.7332	-4.322	ug/L	0.7332 16.96%
Zn 206.200†	326.4	27.60	ug/L	1.129	27.60	ug/L	1.129 4.09%
Ti 334.940†	-344.5	-0.404	ug/L	0.0049	-0.404	ug/L	0.0049 1.22%
B 249.772†	1804.7	28.69	ug/L	1.286	28.69	ug/L	1.286 4.48%
Cu 324.752†	13254.7	42.71	ug/L	0.306	42.71	ug/L	0.306 0.72%
S 181.975†	86.0	384.9	ug/L	8.62	384.9	ug/L	8.62 2.24%
Zr 343.823†	-41.3	-0.270	ug/L	0.0555	-0.270	ug/L	0.0555 20.52%

Sequence No.: 62
Sample ID: mb 220-38276/1-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 82
Date Collected: 5/10/2010 4:03:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: mb 220-38276/1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1033431.0	0.977	mg/L	0.0017				0.17%
Y (radial)	90819.8	0.947	mg/L	0.0008				0.09%
Ag 328.068†	83.0	0.460	ug/L	0.0925	0.460	ug/L	0.0925	20.13%
Al 396.153†	104.0	10.10	ug/L	2.341	10.10	ug/L	2.341	23.19%
As 188.979†	0.3	0.234	ug/L	2.9922	0.234	ug/L	2.9922	>999.9%
Ba 233.527†	16.0	0.216	ug/L	0.0758	0.216	ug/L	0.0758	35.02%
Be 313.107†	-103.7	-0.053	ug/L	0.0257	-0.053	ug/L	0.0257	48.45%
Ca 317.933†	507.3	51.61	ug/L	29.067	51.61	ug/L	29.067	56.32%
Cd 214.440†	-8.0	-0.166	ug/L	0.1689	-0.166	ug/L	0.1689	101.53%
Co 228.616†	-1.0	-0.049	ug/L	0.4166	-0.049	ug/L	0.4166	857.74%
Cr 267.716†	-3.8	-0.091	ug/L	0.2763	-0.091	ug/L	0.2763	303.43%
Fe 238.204†	22.5	7.634	ug/L	1.9937	7.634	ug/L	1.9937	26.12%
K 766.490†	70.1	7.346	ug/L	12.1196	7.346	ug/L	12.1196	164.97%
Mg 285.213†	387.6	32.70	ug/L	42.169	32.70	ug/L	42.169	128.95%
Mn 257.610†	66.9	0.125	ug/L	0.0037	0.125	ug/L	0.0037	2.93%
Mo 202.031†	1.4	0.295	ug/L	0.9917	0.295	ug/L	0.9917	335.85%
Na 589.592†	534.1	41.03	ug/L	3.303	41.03	ug/L	3.303	8.05%
Ni 231.604†	-8.3	-0.836	ug/L	1.0211	-0.836	ug/L	1.0211	122.14%
Pb 220.353†	5.3	2.284	ug/L	3.8393	2.284	ug/L	3.8393	168.13%
Sb 206.836†	-3.8	-2.397	ug/L	1.2123	-2.397	ug/L	1.2123	50.57%
Se 196.026†	0.3	0.534	ug/L	3.1250	0.534	ug/L	3.1250	585.11%
V 311.071†	-306.3	-1.186	ug/L	0.0491	-1.186	ug/L	0.0491	4.14%
Sn 189.927†	5.4	2.570	ug/L	0.8776	2.570	ug/L	0.8776	34.14%
Sr 421.552†	233.9	0.275	ug/L	0.0556	0.275	ug/L	0.0556	20.26%
Tl 190.801†	1.3	0.870	ug/L	1.7684	0.870	ug/L	1.7684	203.17%
Zn 206.200†	-17.0	-1.438	ug/L	0.1955	-1.438	ug/L	0.1955	13.60%
Ti 334.940†	148.4	0.174	ug/L	0.0025	0.174	ug/L	0.0025	1.42%
B 249.772†	367.9	8.307	ug/L	0.1146	8.307	ug/L	0.1146	1.38%
Cu 324.752†	126.3	0.404	ug/L	0.2318	0.404	ug/L	0.2318	57.35%
S 181.975†	8.4	32.53	ug/L	27.092	32.53	ug/L	27.092	83.28%
Zr 343.823†	-29.4	-0.082	ug/L	0.0116	-0.082	ug/L	0.0116	14.12%

Sequence No.: 63
Sample ID: lcs 220-38276/2-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 83
Date Collected: 5/10/2010 4:06:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: lcs 220-38276/2-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1007481.6	0.953	mg/L	0.0016				0.16%
Y (radial)	91998.2	0.960	mg/L	0.0075				0.78%
Ag 328.068†	56896.4	319.1	ug/L	0.15	319.1	ug/L	0.15	0.05%
Al 396.153†	60684.2	5855	ug/L	11.6	5855	ug/L	11.6	0.20%
As 188.979†	1341.0	1053	ug/L	9.1	1053	ug/L	9.1	0.86%
Ba 233.527†	23670.4	324.2	ug/L	0.12	324.2	ug/L	0.12	0.04%
Be 313.107†	201395.4	108.5	ug/L	0.42	108.5	ug/L	0.42	0.39%
Ca 317.933†	284775.1	28970	ug/L	66.4	28970	ug/L	66.4	0.23%
Cd 214.440†	15782.9	327.7	ug/L	0.25	327.7	ug/L	0.25	0.08%
Co 228.616†	6804.6	338.6	ug/L	1.56	338.6	ug/L	1.56	0.46%
Cr 267.716†	13448.7	321.6	ug/L	0.03	321.6	ug/L	0.03	0.01%
Fe 238.204†	72129.3	24460	ug/L	31.3	24460	ug/L	31.3	0.13%
K 766.490†	189527.2	19860	ug/L	47.4	19860	ug/L	47.4	0.24%
Mg 285.213†	176519.0	14910	ug/L	18.4	14910	ug/L	18.4	0.12%
Mn 257.610†	111775.4	210.9	ug/L	0.17	210.9	ug/L	0.17	0.08%
Mo 202.031†	4965.7	1033	ug/L	7.4	1033	ug/L	7.4	0.72%
Na 589.592†	387601.7	29780	ug/L	610.6	29780	ug/L	610.6	2.05%
Ni 231.604†	3325.8	334.1	ug/L	3.06	334.1	ug/L	3.06	0.92%
Pb 220.353†	2499.6	1082	ug/L	10.0	1082	ug/L	10.0	0.93%
Sb 206.836†	1541.2	980.2	ug/L	1.19	980.2	ug/L	1.19	0.12%
Se 196.026†	326.7	525.5	ug/L	25.87	525.5	ug/L	25.87	4.92%
V 311.071†	86531.5	321.5	ug/L	0.44	321.5	ug/L	0.44	0.14%
Sn 189.927†	2180.3	1034	ug/L	10.1	1034	ug/L	10.1	0.98%
Sr 421.552†	455.6	0.535	ug/L	0.0470	0.535	ug/L	0.0470	8.78%
Tl 190.801†	1555.6	1091	ug/L	5.9	1091	ug/L	5.9	0.54%
Zn 206.200†	3754.3	320.2	ug/L	1.88	320.2	ug/L	1.88	0.59%
Ti 334.940†	864019.0	1013	ug/L	0.8	1013	ug/L	0.8	0.08%
B 249.772†	48043.2	982.6	ug/L	3.59	982.6	ug/L	3.59	0.37%
Cu 324.752†	104446.9	336.9	ug/L	0.40	336.9	ug/L	0.40	0.12%
S 181.975†	-244.2	-783.1	ug/L	24.26	-783.1	ug/L	24.26	3.10%
Zr 343.823†	378067.7	1051	ug/L	0.2	1051	ug/L	0.2	0.02%

Sequence No.: 64
Sample ID: 220-12119-b-7-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 84
Date Collected: 5/10/2010 4:09:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12119-b-7-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1015435.5	0.960	mg/L	0.0094				0.98%
Y (radial)	94337.9	0.984	mg/L	0.0108				1.10%
Ag 328.068†	-834.3	4.597	ug/L	0.2640	4.597	ug/L	0.2640	5.74%
Al 396.153†	450018.1	43720	ug/L	962.7	43720	ug/L	962.7	2.20%
As 188.979†	91.2	85.42	ug/L	0.957	85.42	ug/L	0.957	1.12%
Ba 233.527†	34490.3	469.7	ug/L	10.81	469.7	ug/L	10.81	2.30%
Be 313.107†	-7862.2	2.866	ug/L	0.2095	2.866	ug/L	0.2095	7.31%
Ca 317.933†	1092554.1	111100	ug/L	2303.6	111100	ug/L	2303.6	2.07%
Cd 214.440†	429.4	4.539	ug/L	0.2118	4.539	ug/L	0.2118	4.67%
Co 228.616†	1007.9	42.24	ug/L	0.593	42.24	ug/L	0.593	1.40%
Cr 267.716†	10671.4	257.8	ug/L	3.70	257.8	ug/L	3.70	1.44%
Fe 238.204†	414049.5	140400	ug/L	142.3	140400	ug/L	142.3	0.10%
K 766.490†	59891.6	6275	ug/L	14.2	6275	ug/L	14.2	0.23%
Mg 285.213†	717720.9	60670	ug/L	77.2	60670	ug/L	77.2	0.13%
Mn 257.610†	861921.0	1628	ug/L	1.6	1628	ug/L	1.6	0.10%
Mo 202.031†	11.9	7.951	ug/L	2.7709	7.951	ug/L	2.7709	34.85%
Na 589.592†	30756.5	2363	ug/L	5.6	2363	ug/L	5.6	0.24%

Ni 231.604†	1743.3	175.0	ug/L	3.33	175.0	ug/L	3.33	1.90%
Pb 220.353†	5202.7	2238	ug/L	38.8	2238	ug/L	38.8	1.73%
Sb 206.836†	13.7	5.320	ug/L	1.4092	5.320	ug/L	1.4092	26.49%
Se 196.026†	-93.4	-56.58	ug/L	17.470	-56.58	ug/L	17.470	30.88%
V 311.071†	42414.3	139.9	ug/L	4.34	139.9	ug/L	4.34	3.10%
Sn 189.927†	386.6	191.3	ug/L	6.75	191.3	ug/L	6.75	3.53%
Sr 421.552†	206669.1	242.6	ug/L	0.37	242.6	ug/L	0.37	0.15%
Tl 190.801†	-55.0	-7.234	ug/L	1.6506	-7.234	ug/L	1.6506	22.82%
Zn 206.200†	23636.4	2001	ug/L	43.1	2001	ug/L	43.1	2.16%
Ti 334.940†	1445545.2	1694	ug/L	2.7	1694	ug/L	2.7	0.16%
B 249.772†	28756.6	40.45	ug/L	15.408	40.45	ug/L	15.408	38.09%
Cu 324.752†	285931.5	933.7	ug/L	26.62	933.7	ug/L	26.62	2.85%
S 181.975†	2892.2	11630	ug/L	179.8	11630	ug/L	179.8	1.55%
Zr 343.823†	6170.4	9.399	ug/L	0.0980	9.399	ug/L	0.0980	1.04%

Sequence No.: 65
Sample ID: 220-12117-a-3-a
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 85
Date Collected: 5/10/2010 4:13:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-3-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1065126.8	1.007	mg/L	0.0124				1.23%
Y (radial)	95897.4	1.000	mg/L	0.0023				0.23%
Ag 328.068†	-491.8	1.597	ug/L	0.0671	1.597	ug/L	0.0671	4.20%
Al 396.153†	552494.3	53670	ug/L	400.1	53670	ug/L	400.1	0.75%
As 188.979†	10.6	12.24	ug/L	1.062	12.24	ug/L	1.062	8.68%
Ba 233.527†	22661.6	309.2	ug/L	5.53	309.2	ug/L	5.53	1.79%
Be 313.107†	-7773.6	2.635	ug/L	0.1694	2.635	ug/L	0.1694	6.43%
Ca 317.933†	60559.9	6160	ug/L	28.2	6160	ug/L	28.2	0.46%
Cd 214.440†	198.7	2.150	ug/L	0.0100	2.150	ug/L	0.0100	0.47%
Co 228.616†	540.5	21.40	ug/L	0.392	21.40	ug/L	0.392	1.83%
Cr 267.716†	2608.1	63.75	ug/L	0.546	63.75	ug/L	0.546	0.86%
Fe 238.204†	186777.8	63320	ug/L	127.9	63320	ug/L	127.9	0.20%
K 766.490†	31832.5	3335	ug/L	24.6	3335	ug/L	24.6	0.74%
Mg 285.213†	136103.5	11530	ug/L	15.0	11530	ug/L	15.0	0.13%
Mn 257.610†	540913.3	1023	ug/L	2.8	1023	ug/L	2.8	0.28%
Mo 202.031†	5.2	3.552	ug/L	0.2913	3.552	ug/L	0.2913	8.20%
Na 589.592†	3954.3	303.8	ug/L	6.34	303.8	ug/L	6.34	2.09%
Ni 231.604†	475.7	47.77	ug/L	1.117	47.77	ug/L	1.117	2.34%
Pb 220.353†	280.1	119.1	ug/L	8.04	119.1	ug/L	8.04	6.75%
Sb 206.836†	2.5	0.971	ug/L	0.2475	0.971	ug/L	0.2475	25.49%
Se 196.026†	-33.7	-9.097	ug/L	2.3320	-9.097	ug/L	2.3320	25.64%
V 311.071†	36692.3	121.0	ug/L	2.04	121.0	ug/L	2.04	1.69%
Sn 189.927†	-4.6	6.478	ug/L	0.3730	6.478	ug/L	0.3730	5.76%
Sr 421.552†	25251.2	29.64	ug/L	0.066	29.64	ug/L	0.066	0.22%
Tl 190.801†	-28.8	6.234	ug/L	5.3906	6.234	ug/L	5.3906	86.47%
Zn 206.200†	2312.1	196.1	ug/L	0.10	196.1	ug/L	0.10	0.05%
Ti 334.940†	1387910.6	1627	ug/L	3.1	1627	ug/L	3.1	0.19%
B 249.772†	12808.3	14.53	ug/L	3.510	14.53	ug/L	3.510	24.15%
Cu 324.752†	16178.3	61.34	ug/L	1.237	61.34	ug/L	1.237	2.02%
S 181.975†	85.2	439.0	ug/L	10.75	439.0	ug/L	10.75	2.45%
Zr 343.823†	1237.2	-0.065	ug/L	0.1085	-0.065	ug/L	0.1085	167.40%

Sequence No.: 66
Sample ID: 220-12117-a-3-e du
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 86
Date Collected: 5/10/2010 4:16:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-3-e du

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1046882.3	0.990	mg/L	0.0041				0.41%
Y (radial)	95271.4	0.994	mg/L	0.0211				2.12%
Ag 328.068†	-581.4	1.672	ug/L	0.0177	1.672	ug/L	0.0177	1.06%

Al 396.153†	590987.6	57410 ug/L	1283.0	57410 ug/L	1283.0	2.23%
As 188.979†	11.7	13.81 ug/L	0.050	13.81 ug/L	0.050	0.36%
Ba 233.527†	25803.2	352.1 ug/L	1.18	352.1 ug/L	1.18	0.33%
Be 313.107†	-7643.0	2.971 ug/L	0.0172	2.971 ug/L	0.0172	0.58%
Ca 317.933†	66987.2	6814 ug/L	33.8	6814 ug/L	33.8	0.50%
Cd 214.440†	241.5	2.781 ug/L	0.0899	2.781 ug/L	0.0899	3.23%
Co 228.616†	632.3	25.59 ug/L	0.335	25.59 ug/L	0.335	1.31%
Cr 267.716†	2898.8	70.89 ug/L	0.360	70.89 ug/L	0.360	0.51%
Fe 238.204†	211350.1	71650 ug/L	20.0	71650 ug/L	20.0	0.03%
K 766.490†	39144.9	4101 ug/L	11.8	4101 ug/L	11.8	0.29%
Mg 285.213†	162679.4	13780 ug/L	21.4	13780 ug/L	21.4	0.16%
Mn 257.610†	723652.7	1369 ug/L	7.8	1369 ug/L	7.8	0.57%
Mo 202.031†	9.5	4.767 ug/L	0.8843	4.767 ug/L	0.8843	18.55%
Na 589.592†	4291.8	329.7 ug/L	4.38	329.7 ug/L	4.38	1.33%
Ni 231.604†	539.0	54.13 ug/L	1.784	54.13 ug/L	1.784	3.30%
Pb 220.353†	298.3	126.4 ug/L	4.01	126.4 ug/L	4.01	3.17%
Sb 206.836†	-4.5	-3.536 ug/L	8.3556	-3.536 ug/L	8.3556	236.30%
Se 196.026†	-28.4	4.669 ug/L	13.8162	4.669 ug/L	13.8162	295.92%
V 311.071†	41920.1	140.2 ug/L	0.02	140.2 ug/L	0.02	0.01%
Sn 189.927†	-11.8	3.422 ug/L	2.2000	3.422 ug/L	2.2000	64.29%
Sr 421.552†	27752.7	32.57 ug/L	0.155	32.57 ug/L	0.155	0.48%
Tl 190.801†	-42.1	-1.588 ug/L	1.5187	-1.588 ug/L	1.5187	95.65%
Zn 206.200†	2526.3	214.2 ug/L	1.95	214.2 ug/L	1.95	0.91%
Ti 334.940†	1443702.9	1692 ug/L	6.3	1692 ug/L	6.3	0.37%
B 249.772†	14639.3	19.75 ug/L	1.150	19.75 ug/L	1.150	5.82%
Cu 324.752†	17712.6	67.52 ug/L	0.120	67.52 ug/L	0.120	0.18%
S 181.975†	43.1	300.7 ug/L	73.78	300.7 ug/L	73.78	24.54%
Zr 343.823†	1365.5	-0.169 ug/L	0.0498	-0.169 ug/L	0.0498	29.41%

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Sequence No.: 67
Sample ID: 220-12117-a-3-f ms
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 87
Date Collected: 5/10/2010 4:19:18 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-3-f ms

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	1064449.0	1.007	mg/L	0.0036				0.36%
Y (radial)	96777.0	1.009	mg/L	0.0129				1.28%
Ag 328.068†	10108.8	61.68	ug/L	0.500	61.68	ug/L	0.500	0.81%
Al 396.153†	671971.0	65270	ug/L	939.4	65270	ug/L	939.4	1.44%
As 188.979†	257.1	206.1	ug/L	3.27	206.1	ug/L	3.27	1.58%
Ba 233.527†	32546.7	444.4	ug/L	9.03	444.4	ug/L	9.03	2.03%
Be 313.107†	30087.8	24.13	ug/L	0.335	24.13	ug/L	0.335	1.39%
Ca 317.933†	85576.1	8705	ug/L	60.6	8705	ug/L	60.6	0.70%
Cd 214.440†	3194.1	64.07	ug/L	0.330	64.07	ug/L	0.330	0.52%
Co 228.616†	1987.0	92.57	ug/L	0.247	92.57	ug/L	0.247	0.27%
Cr 267.716†	5801.8	140.3	ug/L	0.62	140.3	ug/L	0.62	0.44%
Fe 238.204†	226217.7	76690	ug/L	301.9	76690	ug/L	301.9	0.39%
K 766.490†	97788.4	10250	ug/L	24.9	10250	ug/L	24.9	0.24%
Mg 285.213†	207708.8	17590	ug/L	38.6	17590	ug/L	38.6	0.22%
Mn 257.610†	828498.8	1567	ug/L	3.3	1567	ug/L	3.3	0.21%
Mo 202.031†	1042.3	219.6	ug/L	0.80	219.6	ug/L	0.80	0.37%
Na 589.592†	20490.5	1574	ug/L	0.7	1574	ug/L	0.7	0.04%
Ni 231.604†	1199.0	120.4	ug/L	0.77	120.4	ug/L	0.77	0.64%
Pb 220.353†	737.3	317.2	ug/L	3.05	317.2	ug/L	3.05	0.96%
Sb 206.836†	178.9	113.6	ug/L	0.90	113.6	ug/L	0.90	0.79%
Se 196.026†	20.2	84.28	ug/L	8.069	84.28	ug/L	8.069	9.57%
V 311.071†	60602.9	207.5	ug/L	5.68	207.5	ug/L	5.68	2.74%
Sn 189.927†	406.5	202.8	ug/L	9.45	202.8	ug/L	9.45	4.66%
Sr 421.552†	29990.7	35.20	ug/L	0.108	35.20	ug/L	0.108	0.31%
Tl 190.801†	231.7	193.5	ug/L	2.87	193.5	ug/L	2.87	1.48%
Zn 206.200†	3195.8	271.4	ug/L	1.18	271.4	ug/L	1.18	0.44%
Ti 334.940†	1779702.5	2086	ug/L	2.6	2086	ug/L	2.6	0.12%
B 249.772†	24570.3	222.9	ug/L	13.52	222.9	ug/L	13.52	6.06%
Cu 324.752†	36618.6	128.6	ug/L	3.12	128.6	ug/L	3.12	2.43%
S 181.975†	-61.8	-61.62	ug/L	14.125	-61.62	ug/L	14.125	22.92%
Zr 343.823†	36743.6	98.04	ug/L	2.262	98.04	ug/L	2.262	2.31%

Sequence No.: 68
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 5/10/2010 4:22:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	992893.6	0.939	mg/L	0.0088				0.93%
Y (radial)	94451.0	0.985	mg/L	0.0309				3.14%
Ag 328.068†	52864.5	295.3	ug/L	0.14	295.3	ug/L	0.14	0.05%
QC value within limits for Ag 328.068 Recovery = 98.45%								
Al 396.153†	53374.1	5165	ug/L	2.6	5165	ug/L	2.6	0.05%
QC value within limits for Al 396.153 Recovery = 97.46%								
As 188.979†	386.2	303.2	ug/L	1.75	303.2	ug/L	1.75	0.58%
QC value within limits for As 188.979 Recovery = 101.06%								
Ba 233.527†	22498.7	308.4	ug/L	0.12	308.4	ug/L	0.12	0.04%
QC value within limits for Ba 233.527 Recovery = 102.81%								
Be 313.107†	586821.6	306.1	ug/L	0.07	306.1	ug/L	0.07	0.02%
QC value within limits for Be 313.107 Recovery = 102.02%								
Ca 317.933†	172085.0	17510	ug/L	51.1	17510	ug/L	51.1	0.29%
QC value within limits for Ca 317.933 Recovery = 93.36%								
Cd 214.440†	15013.2	312.3	ug/L	1.65	312.3	ug/L	1.65	0.53%
QC value within limits for Cd 214.440 Recovery = 104.09%								
Co 228.616†	6610.5	330.0	ug/L	4.86	330.0	ug/L	4.86	1.47%
QC value within limits for Co 228.616 Recovery = 110.00%								
Cr 267.716†	12870.6	307.3	ug/L	0.32	307.3	ug/L	0.32	0.10%
QC value within limits for Cr 267.716 Recovery = 102.45%								
Fe 238.204†	14873.9	5048	ug/L	24.1	5048	ug/L	24.1	0.48%
QC value within limits for Fe 238.204 Recovery = 100.95%								
K 766.490†	359205.0	37640	ug/L	1427.5	37640	ug/L	1427.5	3.79%
QC value within limits for K 766.490 Recovery = 94.09%								
Mg 285.213†	212795.9	17960	ug/L	8.6	17960	ug/L	8.6	0.05%
QC value within limits for Mg 285.213 Recovery = 95.76%								
Mn 257.610†	160429.7	302.8	ug/L	0.87	302.8	ug/L	0.87	0.29%
QC value within limits for Mn 257.610 Recovery = 100.93%								
Mo 202.031†	2479.7	515.5	ug/L	6.66	515.5	ug/L	6.66	1.29%
QC value within limits for Mo 202.031 Recovery = 103.09%								
Na 589.592†	485111.6	37270	ug/L	1509.5	37270	ug/L	1509.5	4.05%
QC value within limits for Na 589.592 Recovery = 93.17%								
Ni 231.604†	3280.9	329.6	ug/L	7.22	329.6	ug/L	7.22	2.19%
QC value within limits for Ni 231.604 Recovery = 109.87%								
Pb 220.353†	709.6	308.5	ug/L	4.97	308.5	ug/L	4.97	1.61%
QC value within limits for Pb 220.353 Recovery = 102.84%								
Sb 206.836†	462.2	293.2	ug/L	3.85	293.2	ug/L	3.85	1.31%
QC value within limits for Sb 206.836 Recovery = 97.74%								
Se 196.026†	200.5	316.6	ug/L	3.65	316.6	ug/L	3.65	1.15%
QC value within limits for Se 196.026 Recovery = 105.54%								
V 311.071†	78880.0	298.2	ug/L	0.66	298.2	ug/L	0.66	0.22%
QC value within limits for V 311.071 Recovery = 99.41%								
Sn 189.927†	1095.7	519.5	ug/L	8.77	519.5	ug/L	8.77	1.69%
QC value within limits for Sn 189.927 Recovery = 103.91%								
Sr 421.552†	414736.3	486.8	ug/L	19.40	486.8	ug/L	19.40	3.98%
QC value within limits for Sr 421.552 Recovery = 97.35%								
Tl 190.801†	452.7	319.5	ug/L	5.72	319.5	ug/L	5.72	1.79%
QC value within limits for Tl 190.801 Recovery = 106.50%								
Zn 206.200†	3779.5	322.2	ug/L	7.94	322.2	ug/L	7.94	2.46%
QC value within limits for Zn 206.200 Recovery = 107.41%								
Ti 334.940†	438767.6	514.2	ug/L	0.28	514.2	ug/L	0.28	0.05%
QC value within limits for Ti 334.940 Recovery = 102.85%								
B 249.772†	22167.1	480.6	ug/L	0.99	480.6	ug/L	0.99	0.21%
QC value within limits for B 249.772 Recovery = 96.11%								
Cu 324.752†	98921.5	316.3	ug/L	1.74	316.3	ug/L	1.74	0.55%
QC value within limits for Cu 324.752 Recovery = 105.45%								
S 181.975†	2566.0	9962	ug/L	148.2	9962	ug/L	148.2	1.49%
QC value within limits for S 181.975 Recovery = 99.62%								
Zr 343.823†	109785.1	305.3	ug/L	0.32	305.3	ug/L	0.32	0.11%
QC value within limits for Zr 343.823 Recovery = 101.78%								

All analyte(s) passed QC.

Sequence No.: 69
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 1
Date Collected: 5/10/2010 4:25:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1049470.7	0.993	mg/L	0.0051				0.52%
Y (radial)	92943.2	0.969	mg/L	0.0031				0.32%
Ag 328.068†	106.0	0.587	ug/L	0.0087	0.587	ug/L	0.0087	1.48%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	-53.8	-5.211	ug/L	6.1044	-5.211	ug/L	6.1044	117.15%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-4.0	-3.138	ug/L	1.5632	-3.138	ug/L	1.5632	49.82%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	8.6	0.114	ug/L	0.0582	0.114	ug/L	0.0582	50.93%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-97.7	-0.049	ug/L	0.0257	-0.049	ug/L	0.0257	52.13%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	36.6	3.721	ug/L	1.5440	3.721	ug/L	1.5440	41.49%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	-15.2	-0.317	ug/L	0.2371	-0.317	ug/L	0.2371	74.82%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-4.3	-0.218	ug/L	0.3752	-0.218	ug/L	0.3752	172.46%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	5.9	0.140	ug/L	0.3274	0.140	ug/L	0.3274	233.58%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	14.3	4.843	ug/L	1.5237	4.843	ug/L	1.5237	31.46%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-144.9	-15.18	ug/L	7.823	-15.18	ug/L	7.823	51.54%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	11.3	0.961	ug/L	0.0908	0.961	ug/L	0.0908	9.45%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	14.5	0.027	ug/L	0.0323	0.027	ug/L	0.0323	117.64%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	-2.1	-0.443	ug/L	1.2807	-0.443	ug/L	1.2807	289.15%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	176.9	13.59	ug/L	9.929	13.59	ug/L	9.929	73.06%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	1.2	0.116	ug/L	0.3914	0.116	ug/L	0.3914	337.92%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-3.1	-1.328	ug/L	1.2655	-1.328	ug/L	1.2655	95.32%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	5.0	3.124	ug/L	2.0686	3.124	ug/L	2.0686	66.22%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-4.4	-6.836	ug/L	0.6984	-6.836	ug/L	0.6984	10.22%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-379.4	-1.470	ug/L	0.2486	-1.470	ug/L	0.2486	16.91%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	-0.7	-0.319	ug/L	1.2643	-0.319	ug/L	1.2643	396.86%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	39.3	0.046	ug/L	0.0540	0.046	ug/L	0.0540	117.15%
QC value within limits for Sr 421.552 Recovery = Not calculated								
Tl 190.801†	-1.4	-0.956	ug/L	5.6074	-0.956	ug/L	5.6074	586.80%
QC value within limits for Tl 190.801 Recovery = Not calculated								
Zn 206.200†	-3.4	-0.288	ug/L	0.1199	-0.288	ug/L	0.1199	41.61%
QC value within limits for Zn 206.200 Recovery = Not calculated								
Ti 334.940†	276.2	0.324	ug/L	0.0248	0.324	ug/L	0.0248	7.67%
QC value within limits for Ti 334.940 Recovery = Not calculated								
B 249.772†	233.8	5.278	ug/L	0.0526	5.278	ug/L	0.0526	1.00%
QC value within limits for B 249.772 Recovery = Not calculated								
Cu 324.752†	73.1	0.234	ug/L	0.0255	0.234	ug/L	0.0255	10.93%
QC value within limits for Cu 324.752 Recovery = Not calculated								
S 181.975†	2.3	8.939	ug/L	5.6352	8.939	ug/L	5.6352	63.04%
QC value within limits for S 181.975 Recovery = Not calculated								
Zr 343.823†	20.5	0.057	ug/L	0.0147	0.057	ug/L	0.0147	25.86%
QC value within limits for Zr 343.823 Recovery = Not calculated								

All analyte(s) passed QC.

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Sequence No.: 70
Sample ID: 220-12117-a-3-g msd
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 88
Date Collected: 5/10/2010 4:29:04 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-3-g msd

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1069890.2	1.012	mg/L	0.0083				0.82%
Y (radial)	98208.0	1.024	mg/L	0.0053				0.52%
Ag 328.068†	9969.3	60.74	ug/L	0.018	60.74	ug/L	0.018	0.03%
Al 396.153†	660029.9	64110	ug/L	836.7	64110	ug/L	836.7	1.31%
As 188.979†	262.9	210.4	ug/L	2.14	210.4	ug/L	2.14	1.02%
Ba 233.527†	31553.9	430.9	ug/L	2.29	430.9	ug/L	2.29	0.53%
Be 313.107†	29642.4	23.86	ug/L	0.231	23.86	ug/L	0.231	0.97%
Ca 317.933†	85404.8	8688	ug/L	7.7	8688	ug/L	7.7	0.09%
Cd 214.440†	3169.3	63.62	ug/L	0.991	63.62	ug/L	0.991	1.56%
Co 228.616†	1925.8	89.60	ug/L	1.322	89.60	ug/L	1.322	1.48%
Cr 267.716†	5540.4	134.0	ug/L	2.90	134.0	ug/L	2.90	2.17%
Fe 238.204†	219670.5	74470	ug/L	30.8	74470	ug/L	30.8	0.04%
K 766.490†	95479.9	10000	ug/L	17.3	10000	ug/L	17.3	0.17%
Mg 285.213†	192691.8	16320	ug/L	4.5	16320	ug/L	4.5	0.03%
Mn 257.610†	817146.7	1546	ug/L	0.8	1546	ug/L	0.8	0.05%
Mo 202.031†	1041.2	219.3	ug/L	1.27	219.3	ug/L	1.27	0.58%
Na 589.592†	20844.5	1601	ug/L	4.7	1601	ug/L	4.7	0.29%
Ni 231.604†	1173.8	117.9	ug/L	0.95	117.9	ug/L	0.95	0.80%
Pb 220.353†	740.7	318.8	ug/L	1.65	318.8	ug/L	1.65	0.52%
Sb 206.836†	163.7	104.1	ug/L	0.73	104.1	ug/L	0.73	0.70%
Se 196.026†	30.4	98.77	ug/L	14.376	98.77	ug/L	14.376	14.55%
V 311.071†	58767.0	200.6	ug/L	1.79	200.6	ug/L	1.79	0.89%
Sn 189.927†	401.1	200.2	ug/L	0.91	200.2	ug/L	0.91	0.45%
Sr 421.552†	31760.3	37.28	ug/L	0.122	37.28	ug/L	0.122	0.33%
Tl 190.801†	225.1	188.7	ug/L	12.35	188.7	ug/L	12.35	6.54%
Zn 206.200†	3176.9	269.8	ug/L	2.36	269.8	ug/L	2.36	0.88%
Ti 334.940†	1772046.6	2077	ug/L	2.4	2077	ug/L	2.4	0.11%
B 249.772†	23929.4	218.1	ug/L	3.54	218.1	ug/L	3.54	1.62%
Cu 324.752†	36625.9	128.3	ug/L	0.07	128.3	ug/L	0.07	0.05%
S 181.975†	-12.4	114.4	ug/L	17.23	114.4	ug/L	17.23	15.06%
Zr 343.823†	33852.3	90.11	ug/L	0.307	90.11	ug/L	0.307	0.34%

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Sequence No.: 71
Sample ID: 220-12117-a-3-a pds
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 89
Date Collected: 5/10/2010 4:32:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12117-a-3-a pds

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1034325.7	0.978	mg/L	0.0077				0.78%
Y (radial)	94809.3	0.989	mg/L	0.0052				0.52%
Ag 328.068†	1438.1	12.76	ug/L	0.044	12.76	ug/L	0.044	0.35%
Al 396.153†	576829.5	56030	ug/L	380.9	56030	ug/L	380.9	0.68%
As 188.979†	261.8	209.0	ug/L	3.10	209.0	ug/L	3.10	1.48%
Ba 233.527†	30193.7	412.5	ug/L	9.75	412.5	ug/L	9.75	2.36%
Be 313.107†	182175.1	102.2	ug/L	2.46	102.2	ug/L	2.46	2.40%
Ca 317.933†	121344.7	12340	ug/L	7.0	12340	ug/L	7.0	0.06%
Cd 214.440†	4951.4	101.0	ug/L	1.42	101.0	ug/L	1.42	1.41%
Co 228.616†	2618.7	125.0	ug/L	1.73	125.0	ug/L	1.73	1.38%
Cr 267.716†	6775.3	163.3	ug/L	1.17	163.3	ug/L	1.17	0.72%
Fe 238.204†	194414.4	65910	ug/L	203.3	65910	ug/L	203.3	0.31%
K 766.490†	87528.7	9171	ug/L	24.8	9171	ug/L	24.8	0.27%
Mg 285.213†	211292.9	17880	ug/L	43.2	17880	ug/L	43.2	0.24%
Mn 257.610†	587559.6	1111	ug/L	0.8	1111	ug/L	0.8	0.07%
Mo 202.031†	1393.5	292.1	ug/L	3.33	292.1	ug/L	3.33	1.14%

Na 589.592†	81572.9	6267	ug/L	7.5	6267	ug/L	7.5	0.12%
Ni 231.604†	1504.9	151.2	ug/L	1.82	151.2	ug/L	1.82	1.20%
Pb 220.353†	496.3	213.5	ug/L	1.40	213.5	ug/L	1.40	0.66%
Sb 206.836†	448.2	284.2	ug/L	3.83	284.2	ug/L	3.83	1.35%
Se 196.026†	166.1	304.8	ug/L	6.60	304.8	ug/L	6.60	2.17%
V 311.071†	63715.2	221.8	ug/L	6.87	221.8	ug/L	6.87	3.09%
Sn 189.927†	589.1	288.0	ug/L	2.29	288.0	ug/L	2.29	0.79%
Sr 421.552†	107913.9	126.7	ug/L	0.32	126.7	ug/L	0.32	0.25%
Tl 190.801†	393.0	302.0	ug/L	6.22	302.0	ug/L	6.22	2.06%
Zn 206.200†	5792.7	491.3	ug/L	3.23	491.3	ug/L	3.23	0.66%
Ti 334.940†	1629811.5	1910	ug/L	0.2	1910	ug/L	0.2	0.01%
B 249.772†	25951.0	301.2	ug/L	19.51	301.2	ug/L	19.51	6.48%
Cu 324.752†	48901.1	166.1	ug/L	3.96	166.1	ug/L	3.96	2.38%
S 181.975†	16.9	241.5	ug/L	2.04	241.5	ug/L	2.04	0.84%
Zr 343.823†	112723.5	310.1	ug/L	8.66	310.1	ug/L	8.66	2.79%

Sequence No.: 72 **Autosampler Location: 90**
Sample ID: 220-12117-a-3-a sd@5 **Date Collected: 5/10/2010 4:35:16 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12117-a-3-a sd@5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1041319.7	0.985	mg/L	0.0012				0.12%
Y (radial)	94413.1	0.985	mg/L	0.0145				1.48%
Ag 328.068†	-10.6	0.877	ug/L	0.0373	0.877	ug/L	0.0373	4.26%
Al 396.153†	112311.9	10910	ug/L	104.0	10910	ug/L	104.0	0.95%
As 188.979†	-2.0	-0.672	ug/L	6.7290	-0.672	ug/L	6.7290	>999.9%
Ba 233.527†	4955.1	67.61	ug/L	0.063	67.61	ug/L	0.063	0.09%
Be 313.107†	-1742.0	0.498	ug/L	0.0253	0.498	ug/L	0.0253	5.08%
Ca 317.933†	12627.9	1285	ug/L	1.1	1285	ug/L	1.1	0.08%
Cd 214.440†	30.1	0.196	ug/L	0.1098	0.196	ug/L	0.1098	55.99%
Co 228.616†	117.7	4.694	ug/L	0.0750	4.694	ug/L	0.0750	1.60%
Cr 267.716†	540.8	13.23	ug/L	0.107	13.23	ug/L	0.107	0.81%
Fe 238.204†	40466.8	13720	ug/L	11.3	13720	ug/L	11.3	0.08%
K 766.490†	5906.0	618.8	ug/L	1.43	618.8	ug/L	1.43	0.23%
Mg 285.213†	28879.9	2448	ug/L	0.0	2448	ug/L	0.0	0.00%
Mn 257.610†	114814.6	217.2	ug/L	0.23	217.2	ug/L	0.23	0.11%
Mo 202.031†	8.0	2.191	ug/L	0.0583	2.191	ug/L	0.0583	2.66%
Na 589.592†	688.6	52.90	ug/L	2.681	52.90	ug/L	2.681	5.07%
Ni 231.604†	105.8	10.62	ug/L	0.068	10.62	ug/L	0.068	0.64%
Pb 220.353†	51.7	21.87	ug/L	0.327	21.87	ug/L	0.327	1.49%
Sb 206.836†	3.1	1.873	ug/L	6.1880	1.873	ug/L	6.1880	330.32%
Se 196.026†	-17.9	-18.54	ug/L	2.363	-18.54	ug/L	2.363	12.75%
V 311.071†	7563.6	24.84	ug/L	0.281	24.84	ug/L	0.281	1.13%
Sn 189.927†	4.5	3.931	ug/L	4.4143	3.931	ug/L	4.4143	112.28%
Sr 421.552†	5163.6	6.060	ug/L	0.0718	6.060	ug/L	0.0718	1.18%
Tl 190.801†	-0.4	5.279	ug/L	1.8514	5.279	ug/L	1.8514	35.07%
Zn 206.200†	492.9	41.79	ug/L	1.278	41.79	ug/L	1.278	3.06%
Ti 334.940†	291815.0	342.0	ug/L	0.47	342.0	ug/L	0.47	0.14%
B 249.772†	2991.4	8.054	ug/L	0.1186	8.054	ug/L	0.1186	1.47%
Cu 324.752†	3464.9	13.16	ug/L	0.063	13.16	ug/L	0.063	0.48%
S 181.975†	17.9	92.52	ug/L	9.553	92.52	ug/L	9.553	10.33%
Zr 343.823†	425.4	0.424	ug/L	0.0453	0.424	ug/L	0.0453	10.68%

Sequence No.: 73 **Autosampler Location: 91**
Sample ID: 220-12124-a-1-a **Date Collected: 5/10/2010 4:38:21 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 220-12124-a-1-a

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1064543.6	1.007	mg/L	0.0090				0.89%
Y (radial)	97032.7	1.012	mg/L	0.0001				0.01%

Ag 328.068†	-1537.7	2.946	ug/L	0.0582	2.946	ug/L	0.0582	1.97%
Al 396.153†	1075802.9	104500	ug/L	1820.2	104500	ug/L	1820.2	1.74%
As 188.979†	32.5	39.00	ug/L	0.321	39.00	ug/L	0.321	0.82%
Ba 233.527†	59832.7	816.7	ug/L	14.82	816.7	ug/L	14.82	1.81%
Be 313.107†	-17481.0	6.466	ug/L	0.2176	6.466	ug/L	0.2176	3.37%
Ca 317.933†	199638.1	20310	ug/L	104.0	20310	ug/L	104.0	0.51%
Cd 214.440†	305.8	1.207	ug/L	0.1231	1.207	ug/L	0.1231	10.21%
Co 228.616†	1036.3	38.17	ug/L	0.026	38.17	ug/L	0.026	0.07%
Cr 267.716†	14603.4	352.4	ug/L	6.06	352.4	ug/L	6.06	1.72%
Fe 238.204†	485604.1	164600	ug/L	598.5	164600	ug/L	598.5	0.36%
K 766.490†	67911.1	7115	ug/L	5.6	7115	ug/L	5.6	0.08%
Mg 285.213†	113482.3	9711	ug/L	10.4	9711	ug/L	10.4	0.11%
Mn 257.610†	435907.6	824.5	ug/L	0.12	824.5	ug/L	0.12	0.01%
Mo 202.031†	-12.4	3.864	ug/L	0.5209	3.864	ug/L	0.5209	13.48%
Na 589.592†	33721.1	2591	ug/L	16.7	2591	ug/L	16.7	0.64%
Ni 231.604†	1243.8	124.9	ug/L	0.52	124.9	ug/L	0.52	0.42%
Pb 220.353†	3344.4	1438	ug/L	3.1	1438	ug/L	3.1	0.22%
Sb 206.836†	2.2	-2.764	ug/L	2.1175	-2.764	ug/L	2.1175	76.60%
Se 196.026†	-86.7	-25.54	ug/L	15.678	-25.54	ug/L	15.678	61.38%
V 311.071†	120545.6	417.2	ug/L	9.10	417.2	ug/L	9.10	2.18%
Sn 189.927†	-26.6	7.539	ug/L	3.9568	7.539	ug/L	3.9568	52.48%
Sr 421.552†	517256.2	607.1	ug/L	0.80	607.1	ug/L	0.80	0.13%
Tl 190.801†	-85.9	2.758	ug/L	7.7305	2.758	ug/L	7.7305	280.28%
Zn 206.200†	4039.0	344.5	ug/L	2.55	344.5	ug/L	2.55	0.74%
Ti 334.940†	3233490.6	3790	ug/L	5.4	3790	ug/L	5.4	0.14%
B 249.772†	34817.7	72.18	ug/L	9.956	72.18	ug/L	9.956	13.79%
Cu 324.752†	31784.0	126.7	ug/L	2.88	126.7	ug/L	2.88	2.28%
S 181.975†	518.1	2070	ug/L	5.9	2070	ug/L	5.9	0.28%
Zr 343.823†	8433.1	14.35	ug/L	0.548	14.35	ug/L	0.548	3.82%

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Sequence No.: 74
Sample ID: 220-12132-a-1-b
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 92
Date Collected: 5/10/2010 4:41:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12132-a-1-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1056502.4	0.999	mg/L	0.0072				0.72%
Y (radial)	96820.1	1.010	mg/L	0.0241				2.39%
Ag 328.068†	-509.5	2.624	ug/L	0.1222	2.624	ug/L	0.1222	4.66%
Al 396.153†	723573.1	70290	ug/L	1608.2	70290	ug/L	1608.2	2.29%
As 188.979†	8.4	11.46	ug/L	0.821	11.46	ug/L	0.821	7.16%
Ba 233.527†	19021.6	259.2	ug/L	1.26	259.2	ug/L	1.26	0.49%
Be 313.107†	-13575.0	2.929	ug/L	0.1971	2.929	ug/L	0.1971	6.73%
Ca 317.933†	34792.8	3539	ug/L	10.0	3539	ug/L	10.0	0.28%
Cd 214.440†	200.7	1.670	ug/L	0.0708	1.670	ug/L	0.0708	4.24%
Co 228.616†	748.2	29.45	ug/L	0.397	29.45	ug/L	0.397	1.35%
Cr 267.716†	3802.7	92.64	ug/L	2.225	92.64	ug/L	2.225	2.40%
Fe 238.204†	235924.6	79980	ug/L	316.9	79980	ug/L	316.9	0.40%
K 766.490†	32514.5	3407	ug/L	24.1	3407	ug/L	24.1	0.71%
Mg 285.213†	170092.1	14420	ug/L	38.8	14420	ug/L	38.8	0.27%
Mn 257.610†	593822.0	1123	ug/L	0.7	1123	ug/L	0.7	0.06%
Mo 202.031†	-4.6	2.176	ug/L	1.7230	2.176	ug/L	1.7230	79.20%
Na 589.592†	3802.2	292.1	ug/L	1.87	292.1	ug/L	1.87	0.64%
Ni 231.604†	618.6	62.12	ug/L	0.981	62.12	ug/L	0.981	1.58%
Pb 220.353†	149.7	62.40	ug/L	1.483	62.40	ug/L	1.483	2.38%
Sb 206.836†	5.1	2.222	ug/L	0.6774	2.222	ug/L	0.6774	30.49%
Se 196.026†	-40.9	-8.643	ug/L	3.2278	-8.643	ug/L	3.2278	37.35%
V 311.071†	44756.8	142.2	ug/L	1.99	142.2	ug/L	1.99	1.40%
Sn 189.927†	-8.7	8.798	ug/L	3.8396	8.798	ug/L	3.8396	43.64%
Sr 421.552†	20115.7	23.61	ug/L	0.097	23.61	ug/L	0.097	0.41%
Tl 190.801†	-50.6	3.388	ug/L	0.2041	3.388	ug/L	0.2041	6.02%
Zn 206.200†	2370.9	201.3	ug/L	4.40	201.3	ug/L	4.40	2.19%
Ti 334.940†	2075153.0	2432	ug/L	0.4	2432	ug/L	0.4	0.02%
B 249.772†	16007.8	14.49	ug/L	6.046	14.49	ug/L	6.046	41.73%
Cu 324.752†	16934.6	66.32	ug/L	0.669	66.32	ug/L	0.669	1.01%
S 181.975†	-7.6	113.7	ug/L	3.20	113.7	ug/L	3.20	2.81%
Zr 343.823†	1281.5	-0.865	ug/L	0.1292	-0.865	ug/L	0.1292	14.94%

Sequence No.: 75
Sample ID: 220-12132-a-13-c
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 93
Date Collected: 5/10/2010 4:44:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12132-a-13-c

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1066524.8	1.009	mg/L	0.0001				0.01%
Y (radial)	95659.8	0.998	mg/L	0.0021				0.21%
Ag 328.068†	-725.2	2.085	ug/L	0.2546	2.085	ug/L	0.2546	12.22%
Al 396.153†	799420.5	77660	ug/L	11.5	77660	ug/L	11.5	0.01%
As 188.979†	9.6	12.97	ug/L	4.757	12.97	ug/L	4.757	36.68%
Ba 233.527†	33672.5	459.5	ug/L	0.06	459.5	ug/L	0.06	0.01%
Be 313.107†	-12682.6	3.173	ug/L	0.0918	3.173	ug/L	0.0918	2.89%
Ca 317.933†	37596.7	3824	ug/L	6.6	3824	ug/L	6.6	0.17%
Cd 214.440†	205.5	1.476	ug/L	0.1889	1.476	ug/L	0.1889	12.80%
Co 228.616†	695.9	26.67	ug/L	0.170	26.67	ug/L	0.170	0.64%
Cr 267.716†	3575.8	87.47	ug/L	0.104	87.47	ug/L	0.104	0.12%
Fe 238.204†	263670.8	89390	ug/L	122.9	89390	ug/L	122.9	0.14%
K 766.490†	28043.2	2938	ug/L	9.9	2938	ug/L	9.9	0.34%
Mg 285.213†	167545.5	14210	ug/L	11.3	14210	ug/L	11.3	0.08%
Mn 257.610†	517436.3	978.6	ug/L	0.15	978.6	ug/L	0.15	0.02%
Mo 202.031†	-1.4	3.201	ug/L	0.0110	3.201	ug/L	0.0110	0.34%
Na 589.592†	3060.3	235.1	ug/L	3.28	235.1	ug/L	3.28	1.40%
Ni 231.604†	593.7	59.62	ug/L	0.091	59.62	ug/L	0.091	0.15%
Pb 220.353†	215.5	90.49	ug/L	4.630	90.49	ug/L	4.630	5.12%
Sb 206.836†	8.1	4.245	ug/L	0.8478	4.245	ug/L	0.8478	19.97%
Se 196.026†	-46.2	-10.46	ug/L	6.035	-10.46	ug/L	6.035	57.70%
V 311.071†	52077.0	170.9	ug/L	0.59	170.9	ug/L	0.59	0.35%
Sn 189.927†	-10.5	7.669	ug/L	1.1396	7.669	ug/L	1.1396	14.86%
Sr 421.552†	23321.0	27.37	ug/L	0.068	27.37	ug/L	0.068	0.25%
Tl 190.801†	-50.0	3.545	ug/L	2.7164	3.545	ug/L	2.7164	76.62%
Zn 206.200†	3047.1	258.4	ug/L	1.21	258.4	ug/L	1.21	0.47%
Ti 334.940†	2029663.5	2379	ug/L	2.1	2379	ug/L	2.1	0.09%
B 249.772†	18223.5	23.74	ug/L	2.521	23.74	ug/L	2.521	10.62%
Cu 324.752†	15776.1	64.07	ug/L	0.750	64.07	ug/L	0.750	1.17%
S 181.975†	108.0	552.3	ug/L	38.93	552.3	ug/L	38.93	7.05%
Zr 343.823†	1577.1	-0.563	ug/L	0.0072	-0.563	ug/L	0.0072	1.28%

Sequence No.: 76
Sample ID: 220-12157-a-2-b
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 94
Date Collected: 5/10/2010 4:47:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 220-12157-a-2-b

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1100503.7	1.041	mg/L	0.0043				0.42%
Y (radial)	100078.6	1.044	mg/L	0.0171				1.64%
Ag 328.068†	3195.3	22.77	ug/L	0.015	22.77	ug/L	0.015	0.06%
Al 396.153†	737842.0	71680	ug/L	2823.5	71680	ug/L	2823.5	3.94%
As 188.979†	15.2	16.82	ug/L	3.036	16.82	ug/L	3.036	18.05%
Ba 233.527†	75098.5	1027	ug/L	13.5	1027	ug/L	13.5	1.32%
Be 313.107†	-6077.2	3.229	ug/L	0.0866	3.229	ug/L	0.0866	2.68%
Ca 317.933†	123421.0	12550	ug/L	56.2	12550	ug/L	56.2	0.45%
Cd 214.440†	3040.4	61.08	ug/L	0.343	61.08	ug/L	0.343	0.56%
Co 228.616†	890.1	38.84	ug/L	0.566	38.84	ug/L	0.566	1.46%
Cr 267.716†	11258.2	270.3	ug/L	0.07	270.3	ug/L	0.07	0.02%
Fe 238.204†	206575.9	70030	ug/L	528.9	70030	ug/L	528.9	0.76%
K 766.490†	27624.8	2894	ug/L	10.8	2894	ug/L	10.8	0.37%
Mg 285.213†	186113.1	15760	ug/L	2.5	15760	ug/L	2.5	0.02%
Mn 257.610†	1459962.6	2762	ug/L	0.3	2762	ug/L	0.3	0.01%
Mo 202.031†	2.9	3.343	ug/L	0.4772	3.343	ug/L	0.4772	14.27%
Na 589.592†	15342.9	1179	ug/L	9.9	1179	ug/L	9.9	0.84%

Ni 231.604†	1708.1	171.5 ug/L	1.28	171.5 ug/L	1.28	0.74%
Pb 220.353†	434.0	186.8 ug/L	0.16	186.8 ug/L	0.16	0.08%
Sb 206.836†	2.6	-1.793 ug/L	0.0646	-1.793 ug/L	0.0646	3.61%
Se 196.026†	-41.5	-15.42 ug/L	10.515	-15.42 ug/L	10.515	68.20%
V 311.071†	61049.1	215.7 ug/L	3.85	215.7 ug/L	3.85	1.79%
Sn 189.927†	23.4	19.32 ug/L	3.107	19.32 ug/L	3.107	16.08%
Sr 421.552†	61122.3	71.74 ug/L	0.036	71.74 ug/L	0.036	0.05%
Tl 190.801†	-31.1	4.046 ug/L	5.4987	4.046 ug/L	5.4987	135.92%
Zn 206.200†	5353.8	455.0 ug/L	2.51	455.0 ug/L	2.51	0.55%
Ti 334.940†	1328448.9	1557 ug/L	1.4	1557 ug/L	1.4	0.09%
B 249.772†	14137.1	15.42 ug/L	2.421	15.42 ug/L	2.421	15.70%
Cu 324.752†	76124.6	253.6 ug/L	4.81	253.6 ug/L	4.81	1.90%
S 181.975†	361.6	1535 ug/L	53.7	1535 ug/L	53.7	3.50%
Zr 343.823†	1315.2	-0.219 ug/L	0.0000	-0.219 ug/L	0.0000	0.01%

Sequence No.: 77 **Autosampler Location: 7**
Sample ID: CCV **Date Collected: 5/10/2010 4:50:46 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	997828.7	0.944	mg/L	0.0021				0.22%
Y (radial)	90883.4	0.948	mg/L	0.0063				0.67%
Ag 328.068†	52814.7	295.1	ug/L	0.70	295.1	ug/L	0.70	0.24%
QC value within limits for Ag 328.068 Recovery = 98.36%								
Al 396.153†	53010.7	5130	ug/L	5.8	5130	ug/L	5.8	0.11%
QC value within limits for Al 396.153 Recovery = 96.79%								
As 188.979†	379.3	297.8	ug/L	1.67	297.8	ug/L	1.67	0.56%
QC value within limits for As 188.979 Recovery = 99.26%								
Ba 233.527†	22503.1	308.5	ug/L	0.33	308.5	ug/L	0.33	0.11%
QC value within limits for Ba 233.527 Recovery = 102.83%								
Be 313.107†	586319.4	305.8	ug/L	0.74	305.8	ug/L	0.74	0.24%
QC value within limits for Be 313.107 Recovery = 101.93%								
Ca 317.933†	172381.1	17540	ug/L	29.3	17540	ug/L	29.3	0.17%
QC value within limits for Ca 317.933 Recovery = 93.52%								
Cd 214.440†	14922.5	310.4	ug/L	0.98	310.4	ug/L	0.98	0.32%
QC value within limits for Cd 214.440 Recovery = 103.46%								
Co 228.616†	6568.1	327.9	ug/L	0.66	327.9	ug/L	0.66	0.20%
QC value within limits for Co 228.616 Recovery = 109.29%								
Cr 267.716†	12953.9	309.3	ug/L	0.90	309.3	ug/L	0.90	0.29%
QC value within limits for Cr 267.716 Recovery = 103.11%								
Fe 238.204†	14846.1	5038	ug/L	9.5	5038	ug/L	9.5	0.19%
QC value within limits for Fe 238.204 Recovery = 100.76%								
K 766.490†	381331.7	39950	ug/L	552.7	39950	ug/L	552.7	1.38%
QC value within limits for K 766.490 Recovery = 99.88%								
Mg 285.213†	212872.3	17960	ug/L	18.2	17960	ug/L	18.2	0.10%
QC value within limits for Mg 285.213 Recovery = 95.80%								
Mn 257.610†	160439.8	302.8	ug/L	0.79	302.8	ug/L	0.79	0.26%
QC value within limits for Mn 257.610 Recovery = 100.94%								
Mo 202.031†	2460.8	511.5	ug/L	0.00	511.5	ug/L	0.00	0.00%
QC value within limits for Mo 202.031 Recovery = 102.30%								
Na 589.592†	502695.0	38620	ug/L	493.1	38620	ug/L	493.1	1.28%
QC value within limits for Na 589.592 Recovery = 96.55%								
Ni 231.604†	3240.0	325.5	ug/L	1.89	325.5	ug/L	1.89	0.58%
QC value within limits for Ni 231.604 Recovery = 108.50%								
Pb 220.353†	707.5	307.6	ug/L	0.70	307.6	ug/L	0.70	0.23%
QC value within limits for Pb 220.353 Recovery = 102.54%								
Sb 206.836†	455.0	288.6	ug/L	5.11	288.6	ug/L	5.11	1.77%
QC value within limits for Sb 206.836 Recovery = 96.21%								
Se 196.026†	191.5	302.6	ug/L	10.14	302.6	ug/L	10.14	3.35%
QC value within limits for Se 196.026 Recovery = 100.87%								
V 311.071†	78962.4	298.5	ug/L	0.34	298.5	ug/L	0.34	0.11%
QC value within limits for V 311.071 Recovery = 99.51%								
Sn 189.927†	1084.4	514.2	ug/L	2.19	514.2	ug/L	2.19	0.43%
QC value within limits for Sn 189.927 Recovery = 102.83%								
Sr 421.552†	429031.7	503.5	ug/L	7.36	503.5	ug/L	7.36	1.46%
QC value within limits for Sr 421.552 Recovery = 100.71%								

Tl 190.801†	461.8	325.8 ug/L	9.94	325.8 ug/L	9.94	3.05%
QC value within limits for Tl 190.801 Recovery = 108.61%						
Zn 206.200†	3722.1	317.4 ug/L	0.51	317.4 ug/L	0.51	0.16%
QC value within limits for Zn 206.200 Recovery = 105.80%						
Ti 334.940†	439303.3	514.9 ug/L	0.75	514.9 ug/L	0.75	0.15%
QC value within limits for Ti 334.940 Recovery = 102.97%						
B 249.772†	21937.6	475.4 ug/L	1.96	475.4 ug/L	1.96	0.41%
QC value within limits for B 249.772 Recovery = 95.08%						
Cu 324.752†	99272.7	317.5 ug/L	0.49	317.5 ug/L	0.49	0.15%
QC value within limits for Cu 324.752 Recovery = 105.82%						
S 181.975†	2547.9	9893 ug/L	97.9	9893 ug/L	97.9	0.99%
QC value within limits for S 181.975 Recovery = 98.93%						
Zr 343.823†	109656.8	305.0 ug/L	0.94	305.0 ug/L	0.94	0.31%
QC value within limits for Zr 343.823 Recovery = 101.66%						

All analyte(s) passed QC.

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Sequence No.: 78 **Autosampler Location: 1**
Sample ID: CCB **Date Collected: 5/10/2010 4:54:19 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	1056647.6	0.999	mg/L	0.0176				1.76%
Y (radial)	95737.2	0.999	mg/L	0.0060				0.60%
Ag 328.068†	105.7	0.585	ug/L	0.1322	0.585	ug/L	0.1322	22.62%
QC value within limits for Ag 328.068 Recovery = Not calculated								
Al 396.153†	24.2	2.338	ug/L	0.3151	2.338	ug/L	0.3151	13.48%
QC value within limits for Al 396.153 Recovery = Not calculated								
As 188.979†	-0.7	-0.511	ug/L	1.2343	-0.511	ug/L	1.2343	241.35%
QC value within limits for As 188.979 Recovery = Not calculated								
Ba 233.527†	15.9	0.214	ug/L	0.1802	0.214	ug/L	0.1802	84.34%
QC value within limits for Ba 233.527 Recovery = Not calculated								
Be 313.107†	-41.7	-0.020	ug/L	0.0272	-0.020	ug/L	0.0272	136.52%
QC value within limits for Be 313.107 Recovery = Not calculated								
Ca 317.933†	7.1	0.720	ug/L	0.5486	0.720	ug/L	0.5486	76.23%
QC value within limits for Ca 317.933 Recovery = Not calculated								
Cd 214.440†	0.6	0.013	ug/L	0.1648	0.013	ug/L	0.1648	>999.9%
QC value within limits for Cd 214.440 Recovery = Not calculated								
Co 228.616†	-0.0	-0.001	ug/L	0.5765	-0.001	ug/L	0.5765	>999.9%
QC value within limits for Co 228.616 Recovery = Not calculated								
Cr 267.716†	3.8	0.090	ug/L	0.0192	0.090	ug/L	0.0192	21.39%
QC value within limits for Cr 267.716 Recovery = Not calculated								
Fe 238.204†	18.0	6.100	ug/L	2.6807	6.100	ug/L	2.6807	43.94%
QC value within limits for Fe 238.204 Recovery = Not calculated								
K 766.490†	-151.0	-15.82	ug/L	11.750	-15.82	ug/L	11.750	74.27%
QC value within limits for K 766.490 Recovery = Not calculated								
Mg 285.213†	19.9	1.686	ug/L	1.2706	1.686	ug/L	1.2706	75.34%
QC value within limits for Mg 285.213 Recovery = Not calculated								
Mn 257.610†	3.1	0.006	ug/L	0.0064	0.006	ug/L	0.0064	109.85%
QC value within limits for Mn 257.610 Recovery = Not calculated								
Mo 202.031†	2.0	0.417	ug/L	1.1591	0.417	ug/L	1.1591	278.30%
QC value within limits for Mo 202.031 Recovery = Not calculated								
Na 589.592†	-141.5	-10.87	ug/L	9.083	-10.87	ug/L	9.083	83.54%
QC value within limits for Na 589.592 Recovery = Not calculated								
Ni 231.604†	-7.9	-0.796	ug/L	0.8270	-0.796	ug/L	0.8270	103.88%
QC value within limits for Ni 231.604 Recovery = Not calculated								
Pb 220.353†	-6.0	-2.606	ug/L	0.4053	-2.606	ug/L	0.4053	15.55%
QC value within limits for Pb 220.353 Recovery = Not calculated								
Sb 206.836†	4.7	2.944	ug/L	0.8921	2.944	ug/L	0.8921	30.30%
QC value within limits for Sb 206.836 Recovery = Not calculated								
Se 196.026†	-6.6	-10.28	ug/L	9.330	-10.28	ug/L	9.330	90.80%
QC value within limits for Se 196.026 Recovery = Not calculated								
V 311.071†	-468.8	-1.816	ug/L	0.1761	-1.816	ug/L	0.1761	9.69%
QC value within limits for V 311.071 Recovery = Not calculated								
Sn 189.927†	1.9	0.902	ug/L	2.9212	0.902	ug/L	2.9212	323.92%
QC value within limits for Sn 189.927 Recovery = Not calculated								
Sr 421.552†	-49.7	-0.058	ug/L	0.0528	-0.058	ug/L	0.0528	90.47%

QC value within limits for Sr 421.552 Recovery = Not calculated							
Tl 190.801†	-0.5	-0.378 ug/L	6.5095	-0.378 ug/L	6.5095	>999.9%	
QC value within limits for Tl 190.801 Recovery = Not calculated							
Zn 206.200†	-4.9	-0.411 ug/L	0.0687	-0.411 ug/L	0.0687	16.72%	
QC value within limits for Zn 206.200 Recovery = Not calculated							
Ti 334.940†	339.3	0.398 ug/L	0.0457	0.398 ug/L	0.0457	11.50%	
QC value within limits for Ti 334.940 Recovery = Not calculated							
B 249.772†	117.4	2.636 ug/L	0.3747	2.636 ug/L	0.3747	14.21%	
QC value within limits for B 249.772 Recovery = Not calculated							
Cu 324.752†	64.8	0.208 ug/L	0.3495	0.208 ug/L	0.3495	168.42%	
QC value within limits for Cu 324.752 Recovery = Not calculated							
S 181.975†	-0.1	-0.400 ug/L	1.3969	-0.400 ug/L	1.3969	348.88%	
QC value within limits for S 181.975 Recovery = Not calculated							
Zr 343.823†	10.6	0.029 ug/L	0.0110	0.029 ug/L	0.0110	37.63%	
QC value within limits for Zr 343.823 Recovery = Not calculated							

All analyte(s) passed QC.

TestAmerica

128 Long Hill Cross Roads
Shelton, Connecticut, 06484

METALS QUALITY CONTROL APPROVAL REPORT

Batch Number 38189

	1st Level Review	Comments
Chain of Custody forms have been completed.	JV 5/5/10	
Initial Calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	↓	
Continuing calibration meets the following criteria*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other		
Correct analytical sequence followed (CRI, ICSA,etc.) and criteria* met.		
All blank criteria* met. ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other		
IDLs, Linear Range and IECs current.		
LSC, MS,MD, MSD (if required) meet acceptance limits*: ( )CLP ( )EPA200.7 ( )NYSDEC (✓)SW846 ( )Other	↓	12081-4 MS % recovery low @ 74% due to matrix (MSD @ 75%)
Serial dilution analyzed once per SDG or 20 samples.	NA →	
Post digestion spike performed as required.	NA →	
Flagging correct.	JV 5/5/10	
All raw data submitted as per deliverable requiements.		
Prep batch completed with proper information.		
All deviations, prep and anlaysis methods noted in NCMs.	↓	

* Reference SOPs for appropriate acceptance criteria.

This data meets the requirements of the Metals SOP's, unless otherwise documented in a NCM.

Authorizing Signature (2nd level Review) Date 5/5/10

TestAmerica Form #MEF01105.CT

Sample Information File C:\AAUSER\SAMPINFO\050510.SIF

Description : msnclsol_171, mhclsol_149
Batch ID : 7470A
Volume Units : mL
Weight Units :
Analyst : JV
Sample Volume : 0.50

AS Loc	Sample ID	Sample Weight	Sample Units	User Dilution	Remarks
9	ICV				
10	ICB				
11	MB 220-38146/1-A			1.0000	
12	LCS 220-38146/2-A			1.0000	
13	LB 220-38124/1-C			1.0000	
14	220-12070-G-1-K			1.0000	
15	220-12075-B-1-C			1.0000	
16	220-12081-H-4-A			1.0000	
17	220-12081-H-4-B DU			1.0000	
18	220-12081-H-4-C MS			1.0000	
19	220-12081-H-4-D MSD			1.0000	
20	220-12081-M-6-A			1.0000	
21	CCV				
22	CCB				
23	220-12081-F-7-A			1.0000	
24	220-12091-F-4-A			1.0000	
25	220-12094-B-1-A			1.0000	
26	220-12107-C-1-A			1.0000	
27	220-12107-C-2-A			1.0000	
28	220-12107-C-3-A			1.0000	
29	220-12107-C-4-A			1.0000	
30	220-12107-C-5-A			1.0000	
31	220-12107-C-6-A			1.0000	
32	220-12107-C-7-A			1.0000	
33	CCV				
34	CCB				
35	220-12107-C-7-B DU			1.0000	
36	220-12107-C-7-C MS			1.0000	
37	220-12107-C-7-D MSD			1.0000	
38	220-12107-C-8-A			1.0000	
39	220-12107-C-9-A			1.0000	
40	220-12107-C-10-A			1.0000	
41	220-12107-C-11-A			1.0000	
42	1				
43	2				
44	3				
45	CCV				
46	CCB				

Method Name: STLHG1
Method Description: STLHG1
Element: Hg

Date: 05/05/2010
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: 050510.SIF Results Data Set Name: CV050510

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 05/05/2010
Sample ID: Calib Blank

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0000	-0.0071	0.0000	12:21:49	No

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 05/05/2010
Sample ID: Standard 1

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0022	0.0028	0.0022	12:22:45	No

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01085
Intercept : 0.00000

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 05/05/2010
Sample ID: Standard 2

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0121	0.0444	0.0121	12:23:40	No

[Hg] Standard number 2 applied. [1.000]
Correlation Coefficient: 0.99978 Slope: 0.01216
Intercept : -0.00012

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 05/05/2010
Sample ID: Standard 3

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0250	0.0992	0.0250	12:24:58	No

[Hg] Standard number 3 applied. [2.000]
Correlation Coefficient: 0.99982 Slope: 0.01254
Intercept : -0.00022

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 05/05/2010
Sample ID: Standard 4

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

#	ug/L	ug/L	Signal	Area	Height		Stored
1			0.0617	0.2482	0.0617	12:26:18	No

[Hg] Standard number 4 applied. [5.000]
Correlation Coefficient: 0.99996 Slope: 0.01238
Intercept : -0.00012

==========

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 05/05/2010
Sample ID: Standard 5

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1220	0.4976	0.1220	12:27:38	No

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99997 Slope: 0.01222
Intercept : 0.00007

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (ug/L)	Calculated Concentration (ug/L)	Standard Deviation	%RSD
Calib Blank	0.0000	---	----	----	----
Standard 1	0.0022	0.200	0.171	----	----
Standard 2	0.0121	1.000	0.982	----	----
Standard 3	0.0250	2.000	2.039	----	----
Standard 4	0.0617	5.000	5.039	----	----
Standard 5	0.1220	10.000	9.975	----	----
Calib Blank	0.0000	---	----	----	----

Correlation Coefficient: 0.99997 Slope: 0.01222 Intercept: 0.0001

==========

Element: Hg Seq. No.: 7 AS Loc.: 9 Date: 05/05/2010
Sample ID: ICV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.164	5.164	0.0632	0.2532	0.0632	12:28:56	No

==========

Element: Hg Seq. No.: 8 AS Loc.: 10 Date: 05/05/2010
Sample ID: ICB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	0.0003	0.0003	0.0003	12:30:12	No

==========

Element: Hg Seq. No.: 9 AS Loc.: 11 Date: 05/05/2010
Sample ID: MB 220-38146/1-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.008	-0.008	0.0000	-0.0038	0.0000	12:31:08	No

Element: Hg Seq. No.: 10 AS Loc.: 12 Date: 05/05/2010
Sample ID: LCS 220-38146/2-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.112	5.112	0.0626	0.2526	0.0626	12:32:03	No

Element: Hg Seq. No.: 11 AS Loc.: 13 Date: 05/05/2010
Sample ID: LB 220-38124/1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004	0.004	0.0001	-0.0020	0.0001	12:33:21	No

Element: Hg Seq. No.: 12 AS Loc.: 14 Date: 05/05/2010
Sample ID: 220-12070-G-1-K

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.008	-0.008	0.0000	-0.0035	0.0000	12:34:17	No

Element: Hg Seq. No.: 13 AS Loc.: 15 Date: 05/05/2010
Sample ID: 220-12075-B-1-C

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.007	-0.007	0.0000	-0.0037	0.0000	12:35:11	No

Element: Hg Seq. No.: 14 AS Loc.: 16 Date: 05/05/2010
Sample ID: 220-12081-H-4-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.747	0.747	0.0092	0.0397	0.0092	12:36:06	No

Element: Hg Seq. No.: 15 AS Loc.: 17 Date: 05/05/2010
Sample ID: 220-12081-H-4-B DU

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.858	0.858	0.0106	0.0466	0.0106	12:37:26	No

Element: Hg Seq. No.: 16 AS Loc.: 18 Date: 05/05/2010
Sample ID: 220-12081-H-4-C MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.490	1.490	0.0183	0.0824	0.0183	12:38:40	No

Element: Hg Seq. No.: 17 AS Loc.: 19 Date: 05/05/2010
Sample ID: 220-12081-H-4-D MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.499	1.499	0.0184	0.0826	0.0184	12:39:57	No

Element: Hg Seq. No.: 18 AS Loc.: 20 Date: 05/05/2010
Sample ID: 220-12081-M-6-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.016	0.016	0.0003	-0.0007	0.0003	12:41:14	No

Element: Hg Seq. No.: 19 AS Loc.: 21 Date: 05/05/2010
Sample ID: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.107	5.107	0.0625	0.2551	0.0625	12:42:09	No

Element: Hg Seq. No.: 20 AS Loc.: 22 Date: 05/05/2010
Sample ID: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008	0.008	0.0002	-0.0014	0.0002	12:43:26	No

Element: Hg Seq. No.: 21 AS Loc.: 23 Date: 05/05/2010
Sample ID: 220-12081-F-7-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.054	0.054	0.0007	0.0022	0.0007	12:44:20	No

Element: Hg Seq. No.: 22 AS Loc.: 24 Date: 05/05/2010
Sample ID: 220-12091-F-4-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004	0.004	0.0001	-0.0010	0.0001	12:45:15	No

Element: Hg Seq. No.: 23 AS Loc.: 25 Date: 05/05/2010
Sample ID: 220-12094-B-1-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0001	-0.0016	0.0001	12:46:10	No

Element: Hg Seq. No.: 24 AS Loc.: 26 Date: 05/05/2010
Sample ID: 220-12107-C-1-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.002	0.002	0.0001	-0.0011	0.0001	12:47:05	No

Element: Hg Seq. No.: 25 AS Loc.: 27 Date: 05/05/2010
Sample ID: 220-12107-C-2-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015	0.015	0.0003	0.0016	0.0002	12:48:00	No

Element: Hg Seq. No.: 26 AS Loc.: 28 Date: 05/05/2010
Sample ID: 220-12107-C-3-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.011	0.011	0.0002	0.0008	0.0002	12:48:55	No

Element: Hg Seq. No.: 27 AS Loc.: 29 Date: 05/05/2010
Sample ID: 220-12107-C-4-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0001	-0.0053	0.0001	12:49:49	No

Element: Hg Seq. No.: 28 AS Loc.: 30 Date: 05/05/2010
Sample ID: 220-12107-C-5-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0001	-0.0020	0.0001	12:50:45	No

Element: Hg Seq. No.: 29 AS Loc.: 31 Date: 05/05/2010
Sample ID: 220-12107-C-6-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005	0.005	0.0001	-0.0007	0.0001	12:51:40	No

Element: Hg Seq. No.: 30 AS Loc.: 32 Date: 05/05/2010
Sample ID: 220-12107-C-7-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0001	-0.0011	0.0001	12:52:38	No

Element: Hg Seq. No.: 31 AS Loc.: 33 Date: 05/05/2010
Sample ID: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.058	5.058	0.0619	0.2513	0.0619	12:53:33	No

Element: Hg Seq. No.: 32 AS Loc.: 34 Date: 05/05/2010

Sample ID: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.014	0.014	0.0002	0.0000	0.0002	12:54:47	No

Element: Hg Seq. No.: 33 AS Loc.: 35 Date: 05/05/2010
Sample ID: 220-12107-C-7-B DU

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004	0.004	0.0001	-0.0007	0.0001	12:55:42	No

Element: Hg Seq. No.: 34 AS Loc.: 36 Date: 05/05/2010
Sample ID: 220-12107-C-7-C MS

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.015	1.015	0.0125	0.0495	0.0125	12:56:37	No

Element: Hg Seq. No.: 35 AS Loc.: 37 Date: 05/05/2010
Sample ID: 220-12107-C-7-D MSD

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.026	1.026	0.0126	0.0501	0.0126	12:57:54	No

Element: Hg Seq. No.: 36 AS Loc.: 38 Date: 05/05/2010
Sample ID: 220-12107-C-8-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007	0.007	0.0002	-0.0005	0.0002	12:59:11	No

Element: Hg Seq. No.: 37 AS Loc.: 39 Date: 05/05/2010
Sample ID: 220-12107-C-9-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007	0.007	0.0002	-0.0005	0.0002	01:00:06	No

Element: Hg Seq. No.: 38 AS Loc.: 40 Date: 05/05/2010
Sample ID: 220-12107-C-10-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005	0.005	0.0001	-0.0008	0.0001	01:01:01	No

Element: Hg Seq. No.: 39 AS Loc.: 41 Date: 05/05/2010
Sample ID: 220-12107-C-11-A

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.011	0.011	0.0002	0.0009	0.0002	01:01:55	No

Element: Hg Seq. No.: 40 AS Loc.: 45 Date: 05/05/2010
Sample ID: CCV

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.982	4.982	0.0610	0.2481	0.0610	01:03:17	No

Element: Hg Seq. No.: 41 AS Loc.: 46 Date: 05/05/2010
Sample ID: CCB

Repl #	SampleConc ug/L	StndConc ug/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.013	0.013	0.0002	-0.0001	0.0002	01:04:38	No

Metals Worksheet

Batch Number: 220-38146
Method: 7470A
Analyst: Voytek, Joseph F

Date Open: May 04 2010 10:41AM
Batch End: May 04 2010 3:03PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	mhgcal_00036	mhgcalver_00038	mhgccv_00467	mhgicv_00467
MB~220-38146/1		7470A, 7470A		25 mL	50 mL				
LCS~220-38146/2		7470A, 7470A		50 mL	50 mL		0.5 mL		
LB~220-38124/1-A				5 mL	50 mL				
220-12070-G-1-I			P	5 mL	50 mL				
220-12075-B-1-A			P	5 mL	50 mL				
220-12081-H-4			T	25 mL	50 mL				
220-12081-H-4~DU			T	25 mL	50 mL				
220-12081-H-4~MS			T	25 mL	50 mL	0.1 mL			
220-12081-H-4~MSD			T	25 mL	50 mL	0.1 mL			
220-12081-M-6			T	25 mL	50 mL				
220-12081-F-7			T	25 mL	50 mL				
220-12091-F-4			T	25 mL	50 mL				
220-12094-B-1			T	25 mL	50 mL				
220-12107-C-1	MW-5	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-2	MW-6	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-3	MW-6D	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-4	MW-9	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-5	MW-9F	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-6	MW-7	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-7	MW-10	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-7~DU	MW-10	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-7~MS	MW-10	7470A, 7470A	T	25 mL	50 mL	0.1 mL			
220-12107-C-7~MSD	MW-10	7470A, 7470A	T	25 mL	50 mL	0.1 mL			
220-12107-C-8	MW-1	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-9	MW-2	7470A, 7470A	T	25 mL	50 mL				

Metals Worksheet

Batch Number: 220-38146
Method: 7470A
Analyst: Voytek, Joseph F

Date Open: May 04 2010 10:41AM
Batch End: May 04 2010 3:03PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	mhgcal_00036	mhgcalver_00038	mhgccv_00467	mhgicv_00467
220-12107-C-10	MW-3	7470A, 7470A	T	25 mL	50 mL				
220-12107-C-11	MW-4	7470A, 7470A	T	25 mL	50 mL				
ICV~220-38146/28				50 mL	50 mL				50 mL
ICB~220-38146/29				50 mL	50 mL				
CCV~220-38146/30				50 mL	50 mL			50 mL	
CCB~220-38146/31				50 mL	50 mL				
cal~1				50 mL	50 mL	0.02 mL			
cal~2				50 mL	50 mL	0.1 mL			
cal~3				50 mL	50 mL	0.2 mL			
cal~4				50 mL	50 mL	0.5 mL			
cal~5				50 mL	50 mL	1 mL			

Oven, Bath or Block Temperature 1: 93 Celsius
Oven, Bath or Block Temperature 2: 93
Digestion Tube/Cup Lot #: A909LS164
Hood ID or number: HOOD1
Hot Block ID number: HB1
ID number of the thermometer: 2K0511
Lot # of Nitric Acid: MNITRICACD-10
Lot # of hydrochloric acid: WHCLACD-13
Sulfuric Acid Lot Number: WSULFACD-00008
Potassium Permanganate Lot Number: MKMNO4-00001
Potassium Persulfate Lot Number: MK2S2O8-00002
Stannous Chloride Lot Number: MSNCL22H2O-00003
Hydroxylamine Hydrochloride Lot: MNH2OHHCL-00002
NaCL Lot #: MNACL-00003

Metals Worksheet

Batch Number: 220-38146
Method: 7470A
Analyst: Voytek, Joseph F

Date Open: May 04 2010 10:41AM
Batch End: May 04 2010 3:03PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~220-38146/1		7470A, 7470A		
LCS~220-38146/2		7470A, 7470A		
LB~220-38124/1-A				
220-12070-G-1-I			P	
220-12075-B-1-A			P	
220-12081-H-4			T	
220-12081-H-4~DU			T	
220-12081-H-4~MS			T	
220-12081-H-4~MSD			T	
220-12081-M-6			T	
220-12081-F-7			T	
220-12091-F-4			T	
220-12094-B-1			T	
220-12107-C-1	MW-5	7470A, 7470A	T	
220-12107-C-2	MW-6	7470A, 7470A	T	
220-12107-C-3	MW-6D	7470A, 7470A	T	
220-12107-C-4	MW-9	7470A, 7470A	T	
220-12107-C-5	MW-9F	7470A, 7470A	T	
220-12107-C-6	MW-7	7470A, 7470A	T	
220-12107-C-7	MW-10	7470A, 7470A	T	
220-12107-C-7~DU	MW-10	7470A, 7470A	T	
220-12107-C-7~MS	MW-10	7470A, 7470A	T	
220-12107-C-7~MSD	MW-10	7470A, 7470A	T	
220-12107-C-8	MW-1	7470A, 7470A	T	
220-12107-C-9	MW-2	7470A, 7470A	T	

Metals Worksheet

Batch Number: 220-38146
Method: 7470A
Analyst: Voytek, Joseph F

Date Open: May 04 2010 10:41AM
Batch End: May 04 2010 3:03PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
220-12107-C-10	MW-3	7470A, 7470A	T	
220-12107-C-11	MW-4	7470A, 7470A	T	
ICV~220-38146/28				
ICB~220-38146/29				
CCV~220-38146/30				
CCB~220-38146/31				
cal~1				
cal~2				
cal~3				
cal~4				
cal~5				

Batch Comment: self witnessed

Metals Worksheet

Batch Number: 220-38211
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 06 2010 11:30AM
Batch End: May 06 2010 2:53PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00004	MEMS_00002	MLCS3_00005	mlcspw_00058
MB~220-38211/1		3010A, 6010B		100 mL	50 mL				
LCS~220-38211/2		3010A, 6010B		50 mL	50 mL				50 mL
220-12131-A-1			T	100 mL	50 mL				
220-12081-H-4			T	100 mL	50 mL				
220-12081-H-4~DU			T	100 mL	50 mL				
220-12081-H-4~MS			T	100 mL	50 mL	0.05 mL	0.1 mL	0.02 mL	
220-12081-H-4~MSD			T	100 mL	50 mL	0.05 mL	0.1 mL	0.02 mL	
220-12081-M-6			T	100 mL	50 mL				
220-12081-F-7			T	100 mL	50 mL				
220-12091-F-4			T	100 mL	50 mL				
220-12092-B-1			T	50 mL	50 mL				
220-12092-B-2			T	50 mL	50 mL				
220-12092-B-3			T	50 mL	50 mL				
220-12092-A-4			D	50 mL	50 mL				
220-12092-A-5			D	50 mL	50 mL				
220-12092-A-6			D	50 mL	50 mL				
220-12094-B-1			T	100 mL	50 mL				
220-12095-E-3			T	50 mL	50 mL				
220-12107-C-1	MW-5	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-2	MW-6	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-3	MW-6D	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-4	MW-9	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-5	MW-9F	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-6	MW-7	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-8	MW-1	3010A, 6010B	T	100 mL	50 mL				

Metals Worksheet

Batch Number: 220-38211
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 06 2010 11:30AM
Batch End: May 06 2010 2:53PM

Lab ID	Client ID	Method Chain	Basis	MS_00003
MB~220-38211/1		3010A, 6010B		
LCS~220-38211/2		3010A, 6010B		0.2 mL
220-12131-A-1			T	
220-12081-H-4			T	
220-12081-H-4~DU			T	
220-12081-H-4~MS			T	0.2 mL
220-12081-H-4~MS D			T	0.2 mL
220-12081-M-6			T	
220-12081-F-7			T	
220-12091-F-4			T	
220-12092-B-1			T	
220-12092-B-2			T	
220-12092-B-3			T	
220-12092-A-4			D	
220-12092-A-5			D	
220-12092-A-6			D	
220-12094-B-1			T	
220-12095-E-3			T	
220-12107-C-1	MW-5	3010A, 6010B	T	
220-12107-C-2	MW-6	3010A, 6010B	T	
220-12107-C-3	MW-6D	3010A, 6010B	T	
220-12107-C-4	MW-9	3010A, 6010B	T	
220-12107-C-5	MW-9F	3010A, 6010B	T	
220-12107-C-6	MW-7	3010A, 6010B	T	
220-12107-C-8	MW-1	3010A, 6010B	T	

Lot # of hydrochloric acid:	WHCLACD-13
Lot # of Nitric Acid:	MNITRICACD-10
Digestion Tube/Cup Lot #:	16967
Hot Block ID number:	HB4
ID number of the thermometer:	16967
Oven, Bath or Block Temperature 1:	95 Degrees C
Oven, Bath or Block Temperature 2:	94 Degrees C
First Start time:	1205
First End time:	1453

Metals Worksheet

Batch Number: 220-38211
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 06 2010 11:30AM
Batch End: May 06 2010 2:53PM

Lab ID	Client ID	Method Chain	Basis	Analysis comment	Comments
MB~220-38211/1		3010A, 6010B			
LCS~220-38211/2		3010A, 6010B			
220-12131-A-1			T		
220-12081-H-4			T		
220-12081-H-4~DU			T		
220-12081-H-4~MS			T		
220-12081-H-4~MSD			T		
220-12081-M-6			T		
220-12081-F-7			T		
220-12091-F-4			T		
220-12092-B-1			T	Fe, Mn	
220-12092-B-2			T	Fe, Mn	
220-12092-B-3			T	Fe, Mn	
220-12092-A-4			D	Fe, Mn	
220-12092-A-5			D	Fe, Mn	
220-12092-A-6			D	Fe, Mn	
220-12094-B-1			T		
220-12095-E-3			T	Fe, Mn	
220-12107-C-1	MW-5	3010A, 6010B	T		
220-12107-C-2	MW-6	3010A, 6010B	T		
220-12107-C-3	MW-6D	3010A, 6010B	T		
220-12107-C-4	MW-9	3010A, 6010B	T		
220-12107-C-5	MW-9F	3010A, 6010B	T		
220-12107-C-6	MW-7	3010A, 6010B	T		
220-12107-C-8	MW-1	3010A, 6010B	T		

Batch Comment: self witnessed

Metals Worksheet

Batch Number: 220-38241
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 07 2010 11:06AM
Batch End: May 07 2010 3:01PM

Lab ID	Client ID	Method Chain	Basis	Initial weight/volume of sample	Final weight/volume of sample	MCAL2_00004	MEMS_00002	MLCS3_00005	mlcspw_00058
MB~220-38241/1		3010A, 6010B		100 mL	50 mL				
LCS~220-38241/2		3010A, 6010B		50 mL	50 mL				50 mL
LB~220-38226/1-A				20 mL	50 mL				
220-12119-B-7-C			P	20 mL	50 mL				
220-12081-F-4			T	50 mL	50 mL				
220-12094-B-1			T	100 mL	50 mL				
220-12107-C-7	MW-10	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-7~DU	MW-10	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-7~MS	MW-10	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL	0.02 mL	
220-12107-C-7~MSD	MW-10	3010A, 6010B	T	100 mL	50 mL	0.05 mL	0.1 mL	0.02 mL	
220-12107-C-9	MW-2	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-10	MW-3	3010A, 6010B	T	100 mL	50 mL				
220-12107-C-11	MW-4	3010A, 6010B	T	100 mL	50 mL				
220-12117-A-6			T	100 mL	50 mL				
220-12124-A-9			T	100 mL	50 mL				
220-12126-B-1			T	100 mL	50 mL				
220-12126-A-2			T	100 mL	50 mL				
220-12126-A-3			T	100 mL	50 mL				
220-12126-A-4			T	100 mL	50 mL				
220-12126-A-5			T	100 mL	50 mL				
220-12126-B-6			T	100 mL	50 mL				
220-12126-A-7			T	100 mL	50 mL				
220-12126-A-8			T	100 mL	50 mL				
220-12126-A-9			T	100 mL	50 mL				
220-12126-A-10			T	100 mL	50 mL				

Metals Worksheet

Batch Number: 220-38241
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 07 2010 11:06AM
Batch End: May 07 2010 3:01PM

Lab ID	Client ID	Method Chain	Basis	MS_00003
MB~220-38241/1		3010A, 6010B		
LCS~220-38241/2		3010A, 6010B		0.05 mL
LB~220-38226/1-A				
220-12119-B-7-C			P	
220-12081-F-4			T	
220-12094-B-1			T	
220-12107-C-7	MW-10	3010A, 6010B	T	
220-12107-C-7~DU	MW-10	3010A, 6010B	T	
220-12107-C-7~MS	MW-10	3010A, 6010B	T	0.05 mL
220-12107-C-7~MS D	MW-10	3010A, 6010B	T	0.05 mL
220-12107-C-9	MW-2	3010A, 6010B	T	
220-12107-C-10	MW-3	3010A, 6010B	T	
220-12107-C-11	MW-4	3010A, 6010B	T	
220-12117-A-6			T	
220-12124-A-9			T	
220-12126-B-1			T	
220-12126-A-2			T	
220-12126-A-3			T	
220-12126-A-4			T	
220-12126-A-5			T	
220-12126-B-6			T	
220-12126-A-7			T	
220-12126-A-8			T	
220-12126-A-9			T	
220-12126-A-10			T	

Lot # of hydrochloric acid:	WHCLACD-13
Lot # of Nitric Acid:	MNITRICACD-10
Hot Block ID number:	HB4
ID number of the thermometer:	16967
Oven, Bath or Block Temperature 1:	92 Degrees C
Oven, Bath or Block Temperature 2:	94 Degrees C
Digestion Tube/Cup Lot #:	A909LS162
First Start time:	1106
First End time:	1501

Metals Worksheet

Batch Number: 220-38241
Method: 3010A
Analyst: Voytek, Joseph F

Date Open: May 07 2010 11:06AM
Batch End: May 07 2010 3:01PM

Comments

Lab ID	Client ID	Method Chain	Basis	Analysis comment
MB~220-38241/1		3010A, 6010B		
LCS~220-38241/2		3010A, 6010B		
LB~220-38226/1-A				
220-12119-B-7-C			P	
220-12081-F-4			T	
220-12094-B-1			T	
220-12107-C-7	MW-10	3010A, 6010B	T	
220-12107-C-7~DU	MW-10	3010A, 6010B	T	
220-12107-C-7~MS	MW-10	3010A, 6010B	T	
220-12107-C-7~MS D	MW-10	3010A, 6010B	T	
220-12107-C-9	MW-2	3010A, 6010B	T	
220-12107-C-10	MW-3	3010A, 6010B	T	
220-12107-C-11	MW-4	3010A, 6010B	T	
220-12117-A-6			T	
220-12124-A-9			T	
220-12126-B-1			T	
220-12126-A-2			T	
220-12126-A-3			T	
220-12126-A-4			T	
220-12126-A-5			T	
220-12126-B-6			T	
220-12126-A-7			T	
220-12126-A-8			T	
220-12126-A-9			T	
220-12126-A-10			T	

Batch Comment: self witnessed

Shipping and Receiving Documents

estAmerica Connecticut
8 Long Hill Cross Road
elton, CT 06484
one (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: John Bukoski	Field Sampler: J. Bukoski	TAT Required (business days): Standard	Lab PM/Contact: J. Dubauskas
Company: FPM Group	Mobile/Field Number: 516-381-3535	Deliverable Type (Report/EDD):	Lab Job Number (Lab Use Only): 12107
Address: 909 Marconi Ave	E-Mail:	Sample Disposal: [ ] Return to Client [✓] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	Passed Rad Screen (Lab Use Only): [✓] Yes [ ] No
City, State, Zip: Ronkonkoma, NY 11779	PO #: 944-08-03		Cooler Temperatures (Lab Use Only): -0.2°C 2.2°C -0.1°C Probe1
Phone: 631-737-6200	WO #:		
Email: j.bukoski@fpm-group.com	Project #: 944-08-03	State Regulatory QC Criteria Requirements: NYSDEC CAT B	
Project Name/Site Location (State): IW Industries (NY)	SSOW#:		

COC Number: 13250
Page 1 of 2
Carrier Tracking Notes:

#	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	Analysis: TCL VOCs	TCL SVOCs	TAL Metals	Comments
1	MW-5	4/30/10	0945	AQ	No	2		1	3				X	X	X	
2	MW-6		1000			2		1	3							
3	MW-6D		1005			2		1	3							
4	MW-9		1100			2		1	3							
5	MW-9F		1110			2		1	3							
6	MW-7		1210			2		1	3							
7	MW-10		1300		Yes	6		3	9							1 Amber received broken. (LB) 5/4/10
8	MW-1		1415		No	2		1	3							
9	MW-2		1445			2		1	3							
10	MW-3		1500			2		1	3							

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: John S Bukoski	5/3/10 0900	FPM		5/3/10 0900	TAL/CT
Relinquished by:	5/3/10 1415	TAL/CT	K BLOCKLY	5/3/10 1420	TA CT
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Comments: 05/03/2010

DISTRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

L-0015 (0609)

estAmerica Connecticut
3 Long Hill Cross Road
elton, CT 06484
one (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ent Contact: John Bukoski	Field Sampler: same	TAT Required (business days): Standard	Lab PM/Contact: J. Dubauskas
mpany: FPM Group	Mobile/Field Number: 516-381-3525	Deliverable Type (Report/EDD): NYSDEC CAT B	Lab Job Number (Lab Use Only): 12107
dress: 909 Marconi Ave	E-Mail:	Sample Disposal: [ ] Return to Client [X] Disposal by Lab [ ] Archive for __ Months (A fee may be assessed if samples are retained for longer than 1 month)	Passed Rad Screen (Lab Use Only): [X] Yes [ ] No
y, State, Zip: Ronkonkoma, NY 11779	PO #: 944-08-03		Cooler Temperatures (Lab Use Only): -0.2°C 2.2°C -0.1°C Probe 1
one: 631-737-6200	WO #:		
ail: jbukoski@fpm-group.com	Project #: 944-08-03	State Regulatory QC Criteria Requirements: CAT B	
oject Name/Site Location (State): IW Industries (NY)	SSOW#:		

#	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other	TCL VOCs	TCL SVOCs	TAL Metals	Comments
1	MW-4	4/30/10	1540	AQ	No	2		1	3				X	X	X	
2	TRIP BLANK			AQ	No	~~1~~		-	3				X			

linquished by: John S Bukoski	Date/Time: 5/3/10 0900	Company: FPM	Received by:	Date/Time: 5/3/10 0900	Company: TA CT
linquished by:	Date/Time: 5/3/10 1415	Company: TA CT	Received by: K Blackburn	Date/Time: 5/3/10 1420	Company: TA CT
linquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

05/13/2010

mments:

STRIBUTION: WHITE - Stays with the Samples; CANARY - Returned to Client with Report; PINK - Field Copy

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

-0015 (0609)

Login Sample Receipt Check List

Client: FPM Group Limited

Job Number: 220-12107-1

Login Number: 12107
List Source: TestAmerica Connecticut
Creator: Blocker, Kristina
List Number: 1

Question	T / F/ NA	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	-0.2c, -0.1c, 2.2c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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.	False	#7, 1 amber received broken.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	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.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified	True	